United City of Yorkville
800 Game Farm Road
Yorkville, Illinois 60560
Telephone: 630-553-4350
www.yorkville.il.us

AGENDA
CITY COUNCIL MEETING
Tuesday, March 23, 2021
7:00 p.m.
City Hall Council Chambers
800 Game Farm Road, Yorkville, IL

Call to Order:

Pledge of Allegiance:

Roll Call by Clerk:

WARD I	WARD II	WARD III	WARD IV
Ken Koch	Jackie Milschewski	Chris Funkhouser	Seaver Tarulis
Dan Transier	Arden Joe Plocher	Joel Frieders	Jason Peterson

Establishment of Quorum:

Amendments to Agenda:

Presentations:

Public Hearings:

1. Proposed Budget for Fiscal Year 2021-2022

Citizen Comments on Agenda Items:

Consent Agenda:

1. Minutes of the Regular City Council – March 9, 2021
2. Bill Payments for Approval
   - $ 604,867.31 (vendors)
   - $ 312,078.38 (payroll period ending 3/19/21)
   - $ 916,945.69 (total)

Mayor's Report:

1. CC 2021-12 Proclamation for National Library Week
2. CC 2021-13 Resolution Authorizing a One-Year Contract for Fireworks Display Services through Mad Bomber Fireworks Productions, Laporte, Indiana in the amount of $34,800.

Public Works Committee Report:

1. PW 2021-09 Water Department Reports for September – December 2020 and January 2021
2. PW 2021-10 Resolution Authorizing Acceptance of a Bid from D. Construction Inc. for the 2021 Road to Better Roads Program in the Amount not to Exceed $857,885.67.
3. PW 2021-11 2021 Road to Better Roads Program – Construction Engineering Agreement

Public Works Committee Report (cont'd):

4. PW 2021-12 Resolution Authorizing Acceptance of a Bid from Stokes Excavating, Inc., Rockford, Illinois for the Elizabeth Street and Appletree Court Water Main Improvements in the Amount not to Exceed $600,295.12
5. PW 2021-13 Elizabeth Street and Appletree Court Water Main Improvements – Construction Engineering Agreement
6. PW 2021-14 Kennedy Road and Mill Road Intersection Improvements Engineering Agreement
7. PW 2021-15 Ordinance Approving a Plat of Easement Abrogation (Heartland Circle – 1162 Spring Street)
8. PW 2021-17 Ordinance Amending the Traffic Schedule and Index (Freemont Street and Somonauk Street)
9. PW 2021-18 2021 EEI Hourly Rate Request
10. PW 2021-19 Water Supply Studies
    a. Resolution Approving an Intergovernmental Agreement Providing for Joint Water Source Studies among the Village of Oswego, the United City of Yorkville, and the Village of Montgomery
    b. Contribution to Oswego for the Baxter and Woodman Study
    c. Authorization to use Attorney Caminer as Special Counsel
    d. Contribution to Oswego for Legal Work Already Performed
11. PW 2021-20 Resolution in Support of the "Wyland Mayor's Challenge for Water Conservation"
12. PW 2021-21 Resolution Authorizing the Disposal of Personal Property Owned by the City (City Owned Vehicles)
13. PW 2021-22 Public Works Vehicle Proposals

Economic Development Committee Report:

Public Safety Committee Report:

1. PS 2021-09 Ordinance Amending Title 3, Chapter 3 of the Code of Ordinances Creating a New Liquor License Class and Fee (Movie Theater)

Administration Committee Report:

1. ADM 2021-13 Treasurer's Report for February 2021
2. ADM 2021-16 Insurance Renewals for FY 2022
3. ADM 2021-17 Water, Sewer, and Road Infrastructure Fee Renewal
    a. Ordinance Amending the Infrastructure Maintenance Fee for Water and Sanitary Sewer Service
    b. Ordinance Amending the Termination Date of the Motor Vehicle Tax

Park Board:

Planning and Zoning Commission:

1. PZC 2021-01 and EDC 2021-19 Cox Landscaping (Rezoning and Special Use) 1.5 Mile Review
2. PZC 2021-02 and EDC 2021-20 Cordero Real Estate (Rezoning) 1.5 Mile Review

City Council Report:

City Clerk's Report:

Community and Liaison Report:

Staff Report:

Mayor's Report (cont'd):

3. CC 2021-04 Prairie Pointe Building Update
4. CC 2021-14 Proposed Budget for Fiscal Year 2021-2022

Additional Business:

Citizen Comments:

Executive Session:

1. For the discussion of minutes of meetings lawfully closed under the Open Meetings Act, whether for purposes of approval by the body of the minutes or semi-annual review of the minutes.

Adjournment:

COMMITTEES, MEMBERS AND RESPONSIBILITIES

ADMINISTRATION: April 21, 2021 – 6:00 p.m. – City Hall Conference Room

Committee		Departments	Liaisons
Chairman:	Alderman Funkhouser	Finance	Library
Vice-Chairman:	Alderman Transier	Administration	
Committee:	Alderman Plocher		
Committee:	Alderman Peterson		

ECONOMIC DEVELOPMENT: April 7, 2021 – 6:00 p.m. – City Hall Conference Room

Committee		Departments	Liaisons
Chairman:	Alderman Milschewski	Community Development	Planning & Zoning Commission
Vice-Chairman:	Alderman Peterson	Building Safety & Zoning	Kendall Co. Plan Commission
Committee:	Alderman Koch		
Committee:	Alderman Frieders		

COMMITTEES, MEMBERS AND RESPONSIBILITIES cont'd:

PUBLIC SAFETY: May 6, 2021 – 6:00 p.m. – City Hall Conference Room

Committee		Departments	Liaisons
Chairman:	Alderman Tarulis	Police	School District
Vice-Chairman:	Alderman Frieders		
Committee:	Alderman Milschewski		
Committee:	Alderman Transier		

PUBLIC WORKS: April 20, 2021 – 6:00 p.m. – City Hall Conference Room

Committee		Departments	Liaisons
Chairman:	Alderman Plocher	Public Works	Park Board
Vice-Chairman:	Alderman Koch	Engineering	YBSD
Committee:	Alderman Funkhouser	Parks and Recreation	
Committee:	Alderman Tarulis		

UNITED CITY OF YORKVILLE
WORKSHEET
CITY COUNCIL
Tuesday, March 23, 2021
7:00 PM
CITY COUNCIL CHAMBERS

AMENDMENTS TO AGENDA:

PUBLIC HEARINGS:

1. Proposed Budget for Fiscal Year 2021-2022

CITIZEN COMMENTS ON AGENDA ITEMS:

CONSENT AGENDA:

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1. Minutes of the Regular City Council – March 9, 2021
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

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2. Bill Payments for Approval
   - ☐ Approved _____
     - ☐ As presented
     - ☐ As amended
   - ☐ Notes _____

MAYOR'S REPORT:

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1. CC 2021-12 Proclamation for National Library Week
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

---

2. CC 2021-13 Resolution Authorizing a One-Year Contract for Fireworks Display Services through Mad Bomber Fireworks Productions, Laporte, Indiana in the Amount of $34,800.

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

PUBLIC WORKS COMMITTEE REPORT:

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1. PW 2021-09 Water Department Reports for September – December 2020 and January 2021

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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2. PW 2021-10 Resolution Authorizing Acceptance of a Bid from D. Construction Inc. for the 2021 Road to Better Roads Program in the Amount not to Exceed $857,885.67.

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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3. PW 2021-11 2021 Road to Better Roads Program – Construction Engineering Agreement

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

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4. PW 2021-12 Resolution Authorizing Acceptance of a Bid from Stokes Excavating, Inc., Rockford, Illinois for the Elizabeth Street and Appletree Court Water Main Improvements in the Amount not to Exceed $600,295.12

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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5. PW 2021-13 Elizabeth Street and Appletree Court Water Main Improvements – Construction Engineering Agreement

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

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6. PW 2021-14 Kennedy Road and Mill Road Intersection Improvements Engineering Agreement
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

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7. PW 2021-15 Ordinance Approving a Plat of Easement Abrogation (Heartland Circle – 1162 Spring Street)
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

---

8. PW 2021-17 Ordinance Amending the Traffic Schedule and Index (Freemont Street and Somonauk Street)
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

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9. PW 2021-18 2021 EEI Hourly Rate Request

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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10. PW 2021-19 Water Supply Studies

a. Resolution Approving an Intergovernmental Agreement Providing for Joint Water Source Studies among the Village of Oswego, the United City of Yorkville, and the Village of Montgomery

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

b. Contribution to Oswego for the Baxter and Woodman Study

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

c. Authorization to use Attorney Caminer as Special Counsel

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

d. Contribution to Oswego for Legal Work Already Performed

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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11. PW 2021-20 Resolution in Support of the "Wyland Mayor's Challenge for Water Conservation"

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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12. PW 2021-21 Resolution Authorizing the Disposal of Personal Property Owned by the City (City Owned Vehicles)

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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13. PW 2021-22 Public Works Vehicle Proposals

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

PUBLIC SAFETY COMMITTEE REPORT:

---

1. PS 2021-09 Ordinance Amending Title 3, Chapter 3 of the Code of Ordinances Creating a New Liquor License Class and Fee (Movie Theater)

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

ADMINISTRATION COMMITTEE REPORT:

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1. ADM 2021-13 Treasurer's Report for February 2021

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

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2. ADM 2021-16 Insurance Renewals for FY 2022

☐ Approved: **Y** _____ **N** _____ □ Subject to _____

☐ Removed _____

☐ Notes _____

_____

_____

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3. ADM 2021-17 Water, Sewer, and Road Infrastructure Fee Renewals

   a. Ordinance Amending the Infrastructure Maintenance Fee for Water and Sanitary Sewer Service

   ☐ Approved: **Y** _____ **N** _____ □ Subject to _____

   ☐ Removed _____

   b. Ordinance Amending the Termination Date of the Motor Vehicle Tax

   ☐ Approved: **Y** _____ **N** _____ □ Subject to _____

   ☐ Removed _____

   ☐ Notes _____

   _____

   _____

PLANNING AND ZONING COMMISSION:

---

1. PZC 2021-01 and EDC 2021-19 Cox Landscaping (Rezoning and Special Use) 1.5 Mile Review

   ☐ Approved: **Y** _____ **N** _____ □ Subject to _____

   ☐ Removed _____

   ☐ Notes _____

   _____

   _____

---

2. PZC 2021-02 and EDC 2021-20 Cordero Real Estate (Rezoning) 1.5 Mile Review
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

MAYOR'S REPORT (CONT'D):

---

3. CC 2021-04 Prairie Pointe Building Update
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

---

4. CC 2021-14 Proposed Budget for Fiscal Year 2021-2022
   - ☐ Approved: **Y** _____ **N** _____ □ Subject to _____
   - ☐ Removed _____
   - ☐ Notes _____

ADDITIONAL BUSINESS:

CITIZEN COMMENTS:

Reviewed By:	
Legal	☐
Finance	■
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Hearing #1

Tracking Number

Agenda Item Summary Memo

Title: Proposed Fiscal Year 2021-2022 Budget

Meeting and Date: City Council – March 23, 2021

Synopsis: Please see attached.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

FISCAL YEAR 2022 BUDGET



PROPOSED

MAY 1, 2021 - APRIL 30, 2022

United City of Yorkville, Illinois

Fiscal Year 2021 Budget

May 1, 2021 to April 30, 2022

Elected Officials

Mayor:	John Purcell
1st Ward Alderman:	Dan Transier
1st Ward Alderman:	Ken Koch
2nd Ward Alderman:	Jackie Milschewski
2nd Ward Alderman:	Joe Plocher
3rd Ward Alderman:	Joel Frieders
3rd Ward Alderman:	Chris Funkhouser
4th Ward Alderman:	Seaver Tarulis
4th Ward Alderman:	Jason Peterson

Administration

City Administrator:	Bart Olson
Director of Finance / Treasurer:	Rob Fredrickson
Director of Public Works:	Eric Dhuse
Chief of Police:	Jim Jensen
Director of Community Development:	Krysti Barksdale-Noble
Director of Parks & Recreation:	Tim Evans
Library Director:	Vacant
City Clerk:	Lisa Pickering

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Memorandum

To: City Council
From: Bart Olson, City Administrator
CC: Department Heads
Date: March 4, 2021
Subject: FY 22 budget narrative

Purpose:

Please accept this report and budget spreadsheet as proposal for the FY 21 budget. The budget proposed for approval by the City Council is for expenses and revenues scheduled to be spent and collected, respectively, between May 1, 2021 and April 30, 2022.

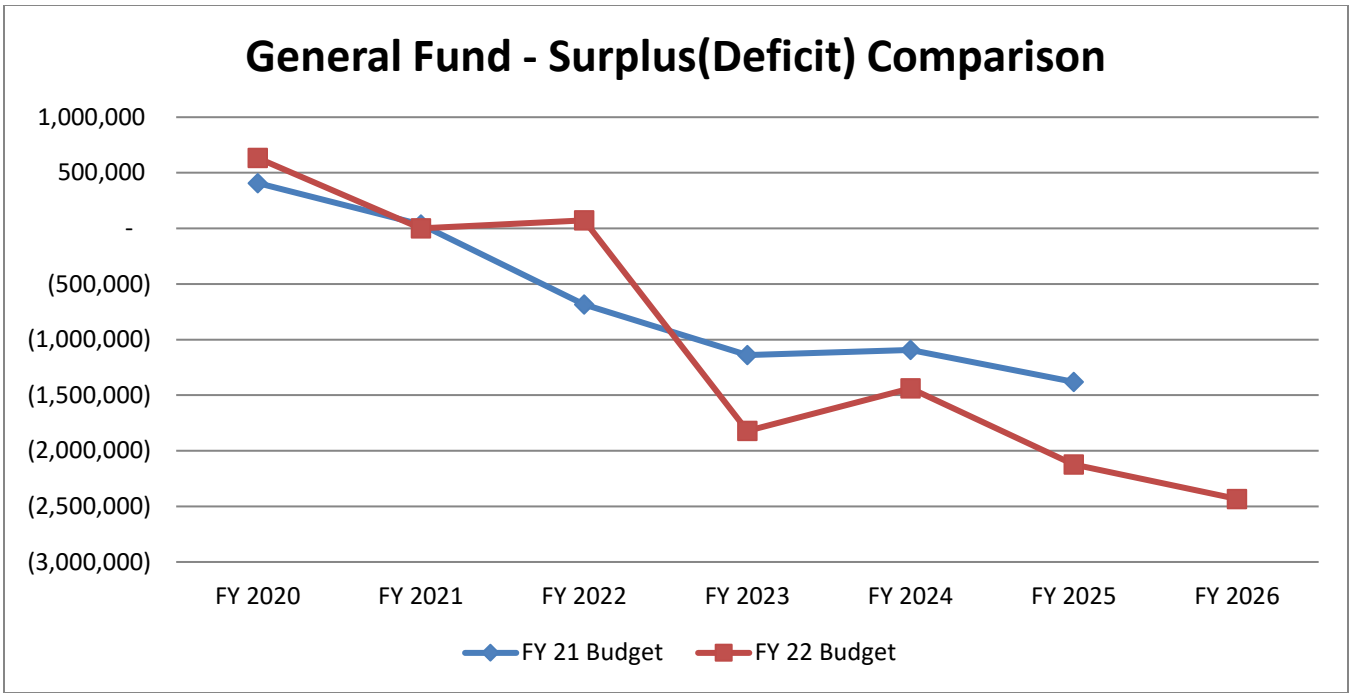
Background and "the big picture":

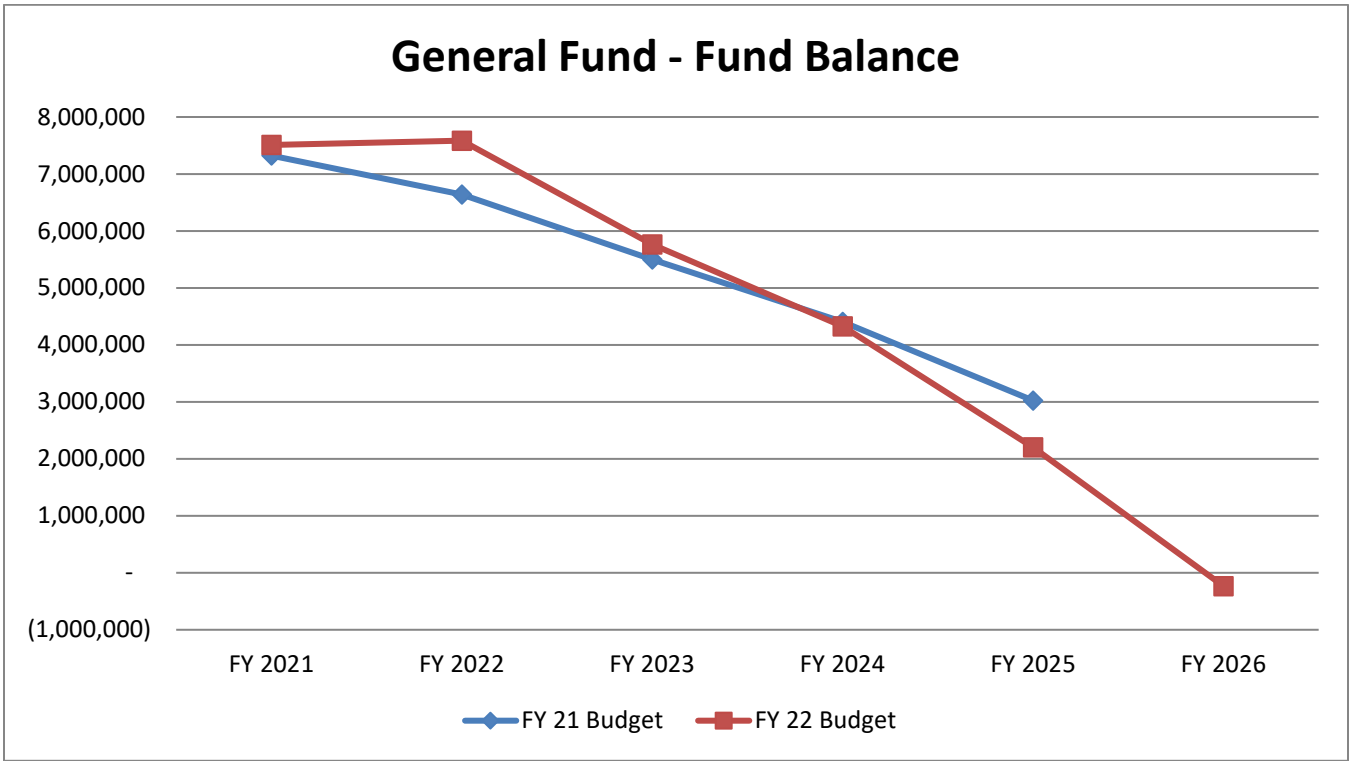
The City Council last discussed a comprehensive budget proposal in April 2020 during the beginning of the COVID-19 pandemic, when it approved the FY 21 budget, with additional information for FY 22, FY 23, FY 24, and FY 25. This approval represented the ninth five-year budget for the City, and we return to a five-year budget again this year.

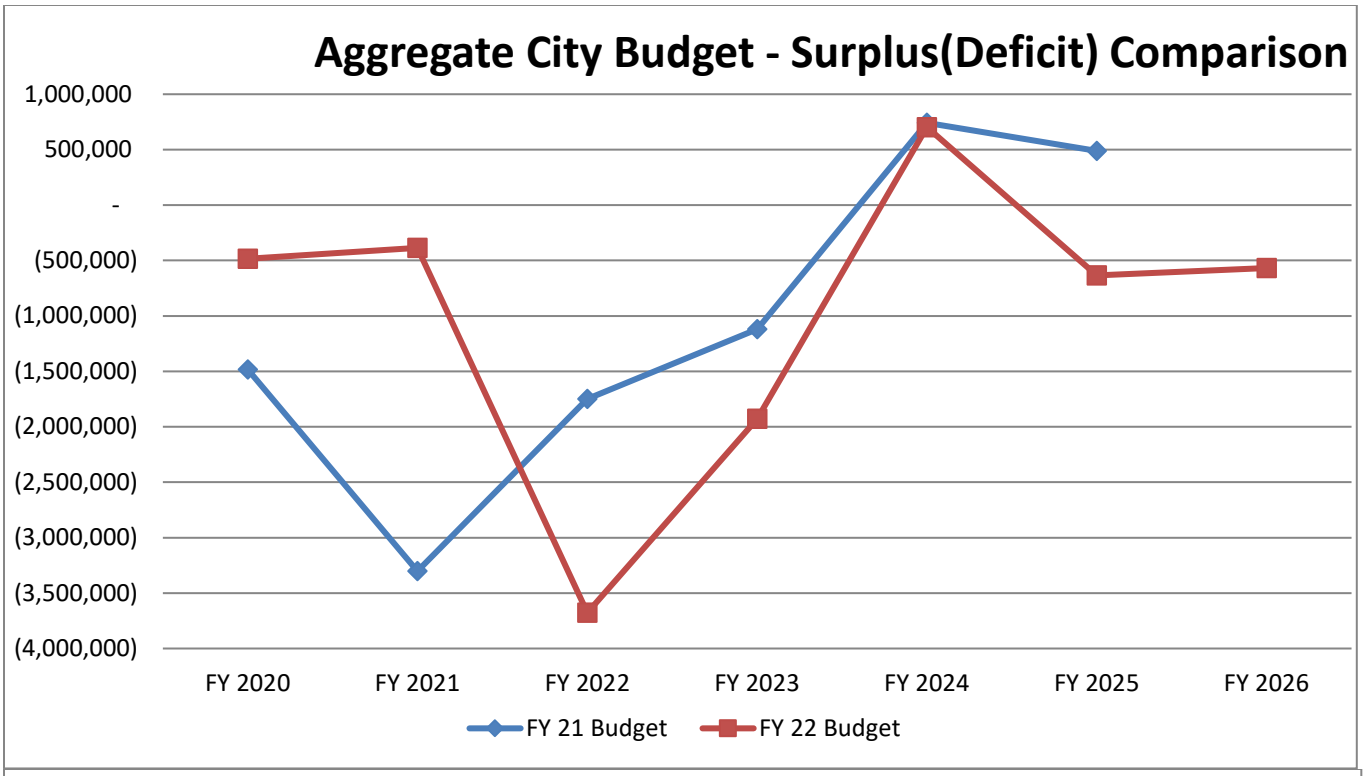
Last year's budget discussion talked about the stability of the City's long-term financial picture, despite significant investment in capital projects and purchases. A number of unplanned revenues in last year's budget proposal are now known, and the amounts are significant and positive.

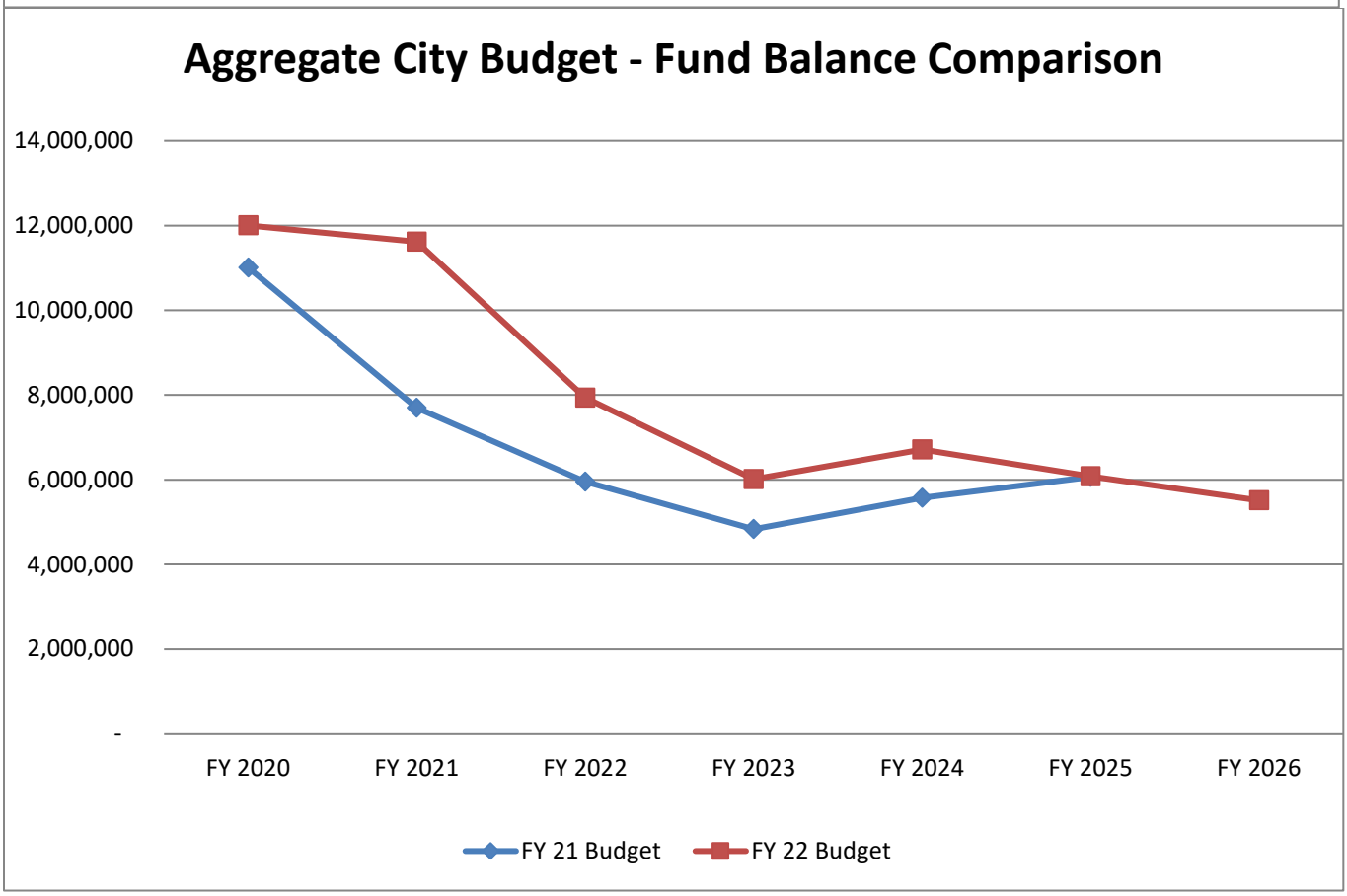
In this year's budget proposal, the pandemic has reshaped the entire budget. Revenues have been unexpectedly resilient, unplanned revenues came to fruition, projects were actively deferred, and normal, strong management control of day-to-day operational expenditures are expected to leave the City in a strong position. This strong position is not significantly impacted despite the purchase of the Prairie Pointe building, the anticipated debt service from the building, and the staff's recommendation to show the impact of a $15m Public Works Building in FY 24. We've also proposed no increases in water rates, sewer rates, and fees for FY 22. The property tax levy approved by City Council in December 2020 increased property taxes only by the new construction amount in the City for the fourth year after multiple years of property tax reductions.

With another year of a better than expected General Fund and aggregate City budget fund balance, and a significant increase in capital projects and purchases, the five-year budget outlook is similar to last year's budget proposal:


General Fund - Surplus(Deficit) Comparison
1,000,000
500,000
-
(500,000)
(1,000,000)
(1,500,000)
(2,000,000)
(2,500,000)
(3,000,000)
FY 2020
FY 2021
FY 2022
FY 2023
FY 2024
FY 2025
FY 2026
FY 21 Budget
FY 22 Budget


General Fund - Fund Balance
8,000,000
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
-
(1,000,000)
FY 2021
FY 2022
FY 2023
FY 2024
FY 2025
FY 2026
FY 21 Budget
FY 22 Budget


Aggregate City Budget - Surplus(Deficit) Comparison
1,000,000
500,000
-
(500,000)
(1,000,000)
(1,500,000)
(2,000,000)
(2,500,000)
(3,000,000)
(3,500,000)
(4,000,000)
FY 2020
FY 2021
FY 2022
FY 2023
FY 2024
FY 2025
FY 2026
FY 21 Budget
FY 22 Budget


Aggregate City Budget - Fund Balance Comparison
14,000,000
12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
-
FY 2020
FY 2021
FY 2022
FY 2023
FY 2024
FY 2025
FY 2026
FY 21 Budget
FY 22 Budget

In short, we are well positioned for FY 22 and beyond, and we are positioned to make decisions on project deferrals or operational cuts with months or years of advance notice.

Changes in budgeting

For the first time, we have shown "transfers" in every fund as a subsegment of revenues or expenditures, rather than a normal, in-line revenue or expenditure. This allows us to give a clearer picture of revenue and expenditure trends, without those figures being obfuscated by transfers (i.e. other financing sources / uses).

Year-by-year summary, FY 21 projections

The General Fund outlook for FY 21 has improved quite unexpectedly since it was approved in April 2020 at the beginning of the pandemic. Years of conservative budgeting and tight management control of expenditures placed the City in a great position to be able to respond to the pandemic, and the City put together a long list of budget tools on the revenue and expenditure side to respond to the pandemic without having to resort to the drastic measures the City had to take during the last recession. We expect revenues to beat original approved budget amounts – helped along by the ~$780,000 CARES funds distributed to the City in the middle of the pandemic. Some revenue sources have been severely impacted – amusement taxes, admissions taxes, video gaming taxes, hotel taxes, etc. But the City's largest revenue streams have remained resilient. Sales taxes posted record numbers months before the pandemic as shoppers stayed home and stocked up at local stores, and during the pandemic as families who usually travel out of state on vacation stayed at home to shop locally. Additionally, those residents who did not want to shop in a physical store turned to the internet for online sales, and the City has been fortunate to see increased online sales taxes thanks to the US Supreme Court's Wayfair decision from a few years ago. Income taxes in Illinois have been variable due to high levels of unemployment, but the City had frequently assumed worst case scenarios for these revenues that never materialized. On the expenditures side, the City willingly chose to cut and defer dozens of items in a wait and see approach and coupled that with strong management of day-to-day expenditures. The approved general fund deficit of $315,000 is expected to come in at more than a $2.2m surplus. This surplus is the topic of a FY 21 budget amendment in front of the City Council at the March 9th meeting. Even with an assumption that the $2.2m budget amendment is approved as is by City Council, we expect fund balance to be over 40% at FYE 21, or 31% including the TIF fund deficits.

The outlook for the Water Fund is positive, despite four straight years of water rate freezes and another year of significant increases in capital projects in the fund. Housing starts were unexpectedly strong in FY 21, resulting in better than anticipated water connection fee revenues. The City deferred the Beaver Street generator project and the Elizabeth St watermain project due to the pandemic, which resulted in a swing of over $1m on the expenditure side. We are recommending a fifth straight year of water rate freezes and have pushed back our recommendation to implement an inflationary rate increase until at least FY 23.

A couple other funds show significant improvement in FY 21. The Motor Fuel Tax Fund saw a positive swing of $500,000 thanks to the unplanned Rebuild Illinois revenues and better than expected salt prices. The City-Wide Capital fund shows a better than $1.6m improvement due to better than expected building permit revenues and some moderate project deferrals. Because of the above, the aggregate budget outlook for the City has significantly improved in FY 21. While almost all the deferred projects will be pushed to FY 22 or FY 23, the City can complete these projects without jeopardizing the long-term picture. We expect an aggregate budget improvement from a $5.6m deficit to $500,000 deficit, with aggregate fund balance in excess of $11.6m.

The FY 20 project list changed significantly from the budget proposal due to the pandemic. Rather than relist these projects verbatim here, we refer to the ongoing FY 21 budget update memos provided at every City Council meeting since the start of the pandemic.

Year-by-year summary, FY 22 proposed

General Fund

Surplus (Deficit)	$0
Fund Balance	42%

Notes

1) Variable merit and COLA increases for staff
2) Five new employees; two streets MW1, one Building and Grounds MWII, one Parks MWI, and a front desk employee
3) One New Police Commander (Patrol position left vacant)

Water Fund

Surplus (Deficit)	($1,141,902)
Fund Balance	41%

Notes

1) No water rate increases, approx. 5% growth assumed from new construction or increase in sales volume

Sewer Fund

Surplus (Deficit)	($196,275)
Fund Balance	26%

Notes

1) No sewer rate increases, approx. 3% growth assumed from new construction

Aggregate Budget

Surplus (Deficit)	($3,707,152)
Fund Balance	$7,938,455

Notes

1) Continued deficits and negative fund balance in the TIF Funds add additional strain to the General Fund

Capital Projects List

Fox Hill improvements, Mill Road rehab and realignment, Bristol Ridge Road – STP Project begins, UDO completed, ERP implementation begins, Road to Better Roads, sidewalk replacements, pavement striping, Route 34 eastern & western expansion completed, Rte. 71 (eastern portion) completed, Kennedy Road (North) begins, New City Hall renovations, Rte. 71 water/sewer main replacement continues, Raintree Village subdivision improvements completed, Kennedy Road bike trail wraps up, North Central Water Tower painting begins, Appletree Court watermain improvements completed, watermain work begins on East Main Street, Well #7 rehab, Beaver Street standby generator installed, cat-ion media exchange at water treatment plant #4, Sewer SCADA system completed, Grande Reserve Park installed, new equipment for Countryside park, sitting area for the Blackberry Creek Nature Preserve.

Year-by-year summary, FY 23 projections

General Fund

Surplus (Deficit)	($1,747,405)
Fund Balance	29%

Notes

1) Undetermined merit increases for staff
2) Patrol vacancy from FY 22 filled

Water Fund

Surplus (Deficit)	($496,275)
Fund Balance	35%

Notes

1) Water sales increase approx. 5% - could be volume sales increase, new housing starts, or inflationary increase

Sewer Fund

Surplus (Deficit)	$146,969
Fund Balance	31%

Notes

1) Sewer maintenance fee increases approx. 3% - could be new housing starts or inflationary increase

Aggregate Budget

Surplus (Deficit)	($1,928,404)
Fund Balance	$6,010,051

Notes

1) Fund balance in the General and Water Funds decline. Sewer Fund projected with modest surplus. Countryside TIF turns a surplus, but deficit position of TIF funds continues to put a strain on the General Fund

Capital Projects List

Road to Better Roads, pavement striping, ERP implementation complete, sidewalk replacements, Kennedy Road (North) roadway completed, Rte. 71 (eastern portion) culminates, North Central water tower repainting is completed, Kennedy Road (Freedom Place) roadwork begins, Well #4 rehab occurs, water main improvements finished on East Main Street, watermain work begins on Colton and East Fox Streets, SSES Rehab begins, cat-ion media exchange at water treatment #7 finished, , park improvements installed at Prestwick.

Year-by-year summary, FY 24 projections

General Fund

Surplus (Deficit)	($1,439,952)
Fund Balance	22%

Notes

1) Undetermined merit increases for staff

Water Fund

Surplus (Deficit)	$1,629,591
Fund Balance	98%

Notes

1) Water sales increase approx. 5% - could be volume sales increase, new housing starts, or inflationary increase

Sewer Fund

Surplus (Deficit)	$464,093
Fund Balance	52%

Notes

1) Sewer maintenance fee increase approx. 3% - could be new housing starts or inflationary increase

Aggregate Budget

Surplus (Deficit)	$703,337
Fund Balance	$6,713,388

Notes

1) Fund balance in the General Fund continues to decline. Water and Sewer Funds are at surplus. TIF's post a moderate net surplus, but accumulated deficit position of TIF funds continues to put a strain on the General Fund.

Capital Projects List

Road to Better Roads, pavement striping, Kennedy Road (Freedom Place) roadway improvements culminate, sidewalk replacements, Route 47 (Rte. 30/Water Park Way) project begins, South Central water tower repainting begins, new Public Works facility slated for construction, watermain work completed on Colton and East Fox Streets, 2020 River Road sanitary improvements begin, SSES rehab program continues.

Year-by-year summary, FY 25 and FY 26 projections

General Fund	FY 25	FY 26
Surplus (Deficit)	($2,124,567)	($2,433,081)
Fund Balance	10%	-1%

Notes
1) Undetermined merit increases for staff

Water Fund		
Surplus (Deficit)	$1,307,524	$1,525,068
Fund Balance	117%	158%

Notes
1) Water sales increase approx. 5% - could be volume sales increase, new housing starts, or inflationary increase

Sewer Fund		
Surplus (Deficit)	$84,193	$375,939
Fund Balance	47%	66%

Notes
1) Sewer maintenance fees increase approx. 3% - could be new housing starts or inflationary increases

Aggregate Budget		
Surplus (Deficit)	($633,436)	($568,804)
Fund Balance	$6,079,952	$5,511,148

Notes
1) Fund balance in the General Fund continues to decline precipitously. Water generates a strong surplus. Sewer Fund yields a modest surplus. TIF Funds continue to generate a net surplus, but accumulated deficit position of TIF Funds continues to put a strain on the General Fund.

Capital Projects List

Road to Better Roads, pavement striping, sidewalk replacements, Route 47 (Rte. 30/Water Park Way) project continues, South Central water tower repainting begins, watermain work completed on Orange and Olsen Streets, 2020 River Road sanitary improvements completed, SSES rehab program continues.

Items to note – big picture

Items to note – COVID-19 pandemic

The City Council approved the FY 21 budget in the beginning of the pandemic. Most long-term projects did not receive much discussion at time of budget approval. Instead, the City Council took a wait-and-see approach. While the City did incur a variety of expenditures to respond to the pandemic, the local economy was unexpectedly robust as more Yorkville residents apparently stayed in town and spent money at local businesses. As a result, the City's finances have mostly improved throughout the pandemic and it stands to reason that budget performance could go the other way as the pandemic continues and more residents are willing to travel out-of-town.

The City has spent ~$115,000 on direct pandemic response expenditures since March 2020. For the most part, inventory of these items has remained relatively long-lasting, with the City expected to be able to use these supplies well into the future. There are likely to be a number of minor building upgrades to the Prairie Pointe building to address health and safety guidance at this stage of the pandemic, but those improvements will be addressed at time of design planning and they are not expected to be a significant cost driver. The City had authorized $200,000 in local funds for business relief through the economic support grant program, but the State came through with an additional grant allocation to cover that amount in January 2021. Finally, the largest financial impact from the pandemic was housed within the Recreation Department (Parks & Recreation Fund), which relies on a significant revenue stream from programming and events. Fortunately, the Recreation Department has managed to pivot its programming to allow for proper health and safety guidelines, which has buoyed their FY 21 budget performance.

In mid-2020, the federal government approved the CARES Act pandemic relief funds and the City received over $780,000 in funds to offset the cost of police response during the pandemic. As a result, these funds were deposited into the General Fund and have helped to buoy fund balance. As of March 2, 2021, the federal government is considering a second-round pandemic relief funds under the $1.9T American Rescue Plan. This package could result in over $2m in relief funds being sent to the City at some point in 2021. The House of Representatives has voted on the package and the Senate is expected to take up the package in the next week, with potential decision occurring by March 13th. For conservative budget purposes, we have not planned for receipt or use of these funds. More indirectly, just shy of 100 grant awards totaling more than $3.4m have been awarded to dozens of Yorkville businesses through various state relief efforts.

The City's cautious approach to the budget due to the pandemic has yielded an expected budget surplus in FY 21 of more than $2m. This is due to stronger than expected revenues, pandemic relief funds, strong management control over operations budget, conservative budgeting principles, and a long list of deferred projects. Accordingly, we have drafted a FY 21 budget amendment to spend these funds on a number of items including new plow trucks, new police cars, new Parks and Recreation vehicles and equipment, the Prairie Pointe building renovation, the UDO, the ERP, and a supplement to the RTBR and sidewalk programs in 2021. Pending authorization by City Council, we would work to purchase these items by the end of the fiscal year with any item not able to be procured by that deadline proposed to be rolled into FY 22. A number of these items will facilitate FY 22 budget proposals,

including large plow trucks for the two Streets Dept maintenance workers. If the City Council modifies the FY 22 budget proposal, some of these FY 21 budget amendment items may need to be altered.

This FY 22 budget proposal contains several final recommendations on the FY 21 cut list as reviewed by City Council.

1. Recommended to be cut / abandoned
    a. Blanket hiring freeze
    b. Office chairs – these will be part of a large furniture purchase for the new building
    c. Cable consortium contributions – these will likely be reinstated later at a much different look
    d. Furloughs
    e. Salary freezes
    f. Police pension contributions less than current levels
    g. Reducing health insurance benefits
    h. Changing health insurance carrier
    i. Move to self-insurance
    j. Progressive salary cuts
    k. Union employee salary freezes
    l. Layoffs
    m. Bond payment restructuring
    n. Restructuring developer fees and deposits
    o. Revenue enhancements

2. Recommended to be implemented, and in the FY 22 budget proposal
    a. High level PW employee – changed to two MWIs
    b. Police Commander – still proposed to hire, but vacant position from promotion will not be backfilled until FY 23
    c. Full sidewalk program
    d. Full pavement striping program
    e. Public Works building space needs analysis
    f. Full police car purchases
    g. ERP
    h. 2021 RTBR program, all funds
    i. Staff training
    j. Staff membership in professional organizations
    k. Mosquito control
    l. City payment of Library liability insurance
    m. Tuition reimbursement program
    n. Minute takers
    o. Snowplow blades
    p. Playground replacements
    q. Parks equipment and mowers
    r. Sanitary sewer crawler camera
    s. Hot water unit for vactor truck
    t. Elizabeth St watermain replacement

u. Water fund capital projects
v. Sale of Van Emmon Activity Center and Kendall Marketplace vacant property – moving forward with both, but not budgeted
w. Parks and Recreation and Public Works part-time hires
x. Outsourced inspections, as needed
y. UDO

Items to note – Prairie Pointe building planning

The City Council is in the middle of a space needs analysis and building layout study at time of this budget proposal. Discussions on building renovation scope and cost are expected to occur over the next few months, resulting in a construction project during Summer and Fall 2021 with intent to move into the building towards the end of 2021.

When the City acquired the building in Fall 2020, the City's financial picture was in jeopardy from the pandemic and thus the City moved forward with bond ordinances in case the City needed to sell a bond to reimburse itself for the land acquisition costs of $1.9m (paid for with fund balance at the time of authorization). As narrated above, the City's financial picture has improved since then, and we think we could float the use of fund balance for the acquisition for several months. This gives us the opportunity to complete the building study, estimate the renovation costs, and right-size the bond to match the renovation costs. However, the City has approved a bond ordinance for an $8.625m project (i.e. $1.955m for acquisition, and $6.63m for renovation costs) and has the legal authority to spend up to that amount on building renovations and other limited City capital purchases (police cars). For conservative budgeting purposes and to illustrate the impact of the bond sale on the City's finances, we have shown a debt service payment schedule within the newly created Building and Grounds Fund (24) that assumes an $8.625m bond sale.

Items to note – Public Works building planning

The City Council had authorized a Public Works building space needs RFQ in early 2020, before the study was shelved due to the pandemic. Shortly thereafter, the Prairie Pointe building became available and most of the staff resources went to that project. Staff did release a Public Works Building space needs RFQ in February 2021, with a deadline for responses by March 12th. We expect to review these proposals internally before moving forward with authorization in Spring 2021.

We anticipate a high level budget discussion on the project budget for the Prairie Pointe building versus the Public Works building, and in order to facilitate that discussion, we have budgeted for the space needs study, design construction contract, and construction of a ~$15m Public Works facility. This debt service level is a grab number, based on the 2005 study and the cost estimate of the Montgomery Public Works facility (currently in planning). The debt service for this building is shown in the Streets, Water, and Sewer funds. The earliest this project could commence is FY 23, and multiple City Council approvals would be required before that beginning.

Items to note – new staff

There are five new staff proposed within this five-year budget, but all five of them are proposed to be hired in FY 22. The move to a new building will present us with opportunities to conduct operations a little differently – and we propose to hire another front desk employee and a building and grounds maintenance worker. In order to make the front desk at the new building a true "one stop shop", we propose to hire an entry level front desk staff member to supplement Receptionist Katelyn Gregory and Administrative Secretary Bonnie Olsem. Ms. Gregory is a split employee, sharing her time and splitting her compensation between the Administration Department and the Parks and Recreation Department. While she is the first face expected to be seen at a front desk of the new building, she has been trained with in depth knowledge about and has some responsibility to assist with Parks and Recreation operations. In a similar vein, we propose to hire an employee that is split between Community Development and Public Works. This employee would be available to assist with administrative tasks with the Public Works Department, who has not had an administrative assistant since 2009. Concurrently, this employee would be trained in Community Development and Building Safety operations – which would allow current Building Permit Clerk Dee Weinert to remain on the second floor of the building processing all the backend administrative tasks with permits and inspections. The alternative to hiring this position is that Ms. Weinert would either have to work in a smaller-than-ideal space on the first floor, or work in an adequately sized space on the second floor requiring all permit and inspection customers to go to the second floor of the building. On the building and grounds employee, we propose to hire a Maintenance Worker II employee to be a hands-on technician for all maintenance projects within the entire City, but specifically to address the City Council comments that the new building should be managed and maintained at a level not previously seen in the City. This employee would be a Public Works employee in a new division of Public Works and supervised on a day-to-day basis by Facilities Manager Steve Raasch. Portions of this employee's salary would be split between various departments in the City, based on workload. Additionally, there is a chance that the Library will use this employee and pay a portion of their salary; this proposal is being discussed at the March 8th Library Board meeting.

The City had budgeted for a management-level Public Works Superintendent, similar to an Assistant PW Director in FY 21. This was one of the positions cut at the start of the pandemic, and since then, the recommendation has been revisited by staff. The new recommendation is to hire two Streets Maintenance Worker 1 employees, which will greatly assist during snowplowing, tree trimming, leaf pickup, sidewalk repairs, etc. The snowplow operation improvements are multiplied by the proposal to purchase two more large dump trucks for the FY 21 budget amendment.

Finally, the Parks Department lost a Maintenance Worker through a hiring freeze in the mid-2010s and never replaced this employee. Even though the City's park system has greatly increased in size since the mid-2000s, staffing has not increased. We propose to hire an entry-level Maintenance Worker I in the Parks Department to offset this long-term vacancy and assist with normal parks operations.

Items to note – last year's unplanned revenues, now known

During last year's budget discussion, the City Council reviewed a few unplanned revenues, which are now known. First a portion of cannabis sales taxes statewide have been distributed on a per capita basis to municipalities to assist with the police response to cannabis legalization. Cannabis revenues have been particularly strong in Illinois, and the result is that the taxes are distributed on a $0.93 per capita basis, yielding around $20,000 annually for Yorkville. Further, location-based sales taxes for municipalities that have landed a dispensary have been several hundred thousand of dollars per location; while no Yorkville dispensary has yet been authorized, the zoning codes are in place to facilitate a dispensary later.

Second and finally, the state's capital plan and motor fuel tax increases went into effect in the Summer 2019, resulting in significant increase of "transportation renewal taxes" to municipalities, which are almost the same annual amount as motor fuel taxes. This resulted in an increase in revenue of almost $400,000 for Yorkville in the Motor Fuel Tax Fund. Accompanying the capital plan was a bond sale, which resulted in the ~$1.2m Rebuild Illinois funds distributed to Yorkville in three payments over FY 21, 22, and 23 which we will use on the Fox Hill subdivision road resurfacing.

Items to note - City Council goals

Due to the COVID-19 pandemic, the City Council skipped a traditional goal setting session in Fall 2020. Instead, the City Council has reviewed pandemic related budget figures at every City Council meeting. We anticipate returning to a more traditional goal setting session in Fall 2021, with goals from that meeting being used for the FY 23 budget proposal in Spring 2022.

Items to note – unplanned revenues

In July 2018, the Supreme Court ruled on a case called South Dakota v. Wayfair, which significantly changed the rules of origin-based sales taxes in the country and how online sales taxes are collected. As a result of this ruling, the Illinois legislature changed their state-level sales tax methodology to make more online retailers responsible for collecting sales taxes from online purchases (prior to, individual residents were responsible to self-report online purchases and remit use tax), to make locally imposed sales taxes, like the City's non-home rule sales tax, applicable to online purchases (currently not imposed on any online purchases), and to change the methodology from most online purchases from state level (City gets a per capita cut of online sales thru use taxes) to destination based (City gets online sales taxes from Yorkville residents' online purchases). These changes have been implemented in phases, with one modest phase having occurred January 1, 2020, another modest phase having occurred July 1, 2020, and a major phase occurring on January 1, 2021. The IML has phrased these changes as resulting in "significant increases" in sales taxes for municipalities – however, no one has been able to come up with City-specific estimates for the changes occurring on January 1, 2021. Staff has outlined some rudimentary figures based on our sales tax figures in the small picture section of the budget, but the result for this budget proposal is that we assume only a linear 2% growth rate in sales taxes within a five-year budget. These "unplanned revenues" can be revisited in April 2021, when the January 2021 consumer sales tax report is released to the City.

Items to note – Capital Projects, Road to Better Roads

The City Council's focus for capital projects has been pavement rehabilitation via the Road to Better Roads program. Since the first year of the program in summer 2013, we have spent almost $7.0 million (thru FYE 20) between pavement, water, and sewer projects. In summer 2021, we are proposing over $2.1 million in Road to Better Roads projects.

Out of our annual Road to Better Roads budget, ~$1.74 million (which includes the proposed $550,000 General Fund surplus transfer from FY 21) is allocated to pavement improvements. As has been our past practice, in FY 22, construction expenditures will be coded out of the MFT fund (~$920,000) and City-wide capital (~$700,000), with engineering costs (~$120,000) budgeted in the City-Wide Capital Fund.

Items to note – Countryside TIF

In last year's budget proposal, we learned that the NCG Theater property owner secured a significant property assessment reduction in FY 20, which threw the fund equity in doubt long term – reaching around $855,000 in negative fund equity by FY 25. This reassessment coupled with the incomplete Opal Banquets has further deteriorated the long-term viability of this fund before TIF closure in FY 30.

Items to note – Public Works vehicle purchases

The City Council authorized the purchase of a new large dump truck and the rehab of two older dump trucks in FY 20, and the City took delivery of these trucks in FY 21. This put the City's fleet of large dump trucks at 9 total: 1 new (2019), 1 almost new (2016), 2 rehabbed (2006 and 2008), and 5 older trucks (2004, 2006, 2007, 2007, and 2008).

We have proposed to add two new large trucks through a FY 21 budget amendment (use of surplus) and have $200,000 budgeted for FY 22. We have an annual appropriation of $150,000 in FY 23 and beyond. This annual appropriation can result in one new large truck every two years, or we could issue a bond and buy five new large trucks.

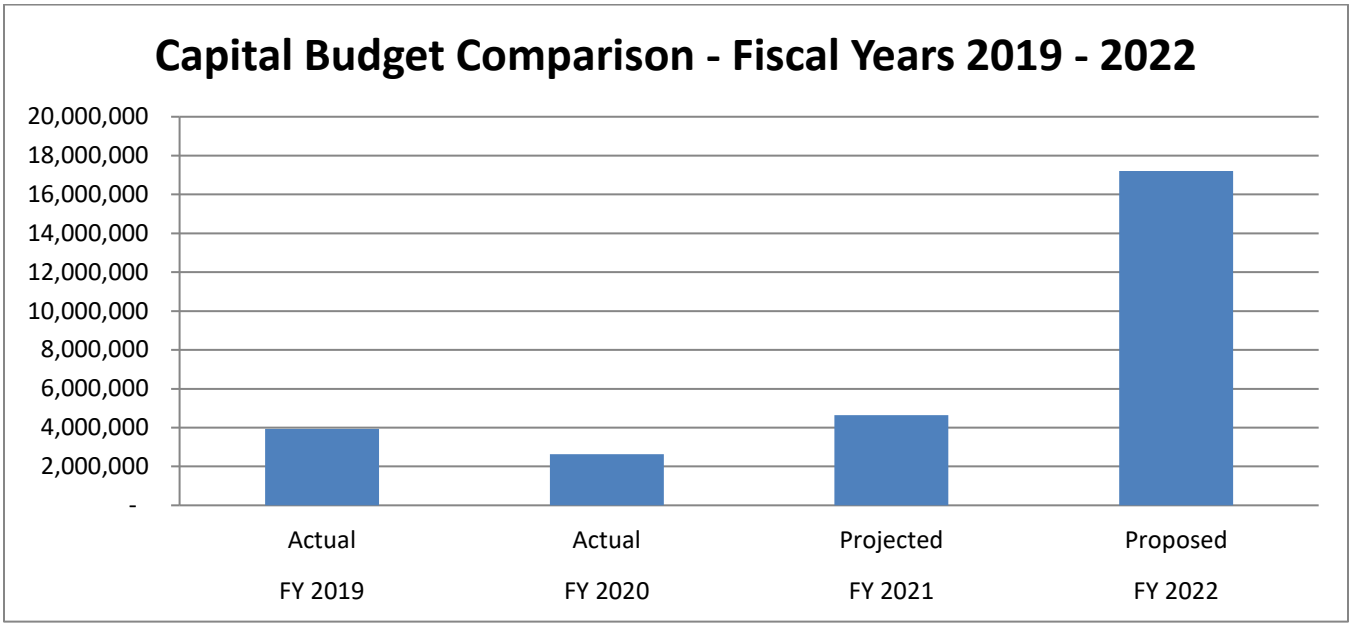
Items to note – IMET Loss on Investment in FY 15

The last disbursement received by the City was in December of 2019in the amount of $133,486, stemming from the IRS settling its priority tax claim with the Overall Receiver (i.e. law firm responsible for collection and recovery efforts). To date, recovered proceeds total $177,925 (56%). IMET has recently informed the City that that there should be at least one more recovery payment, of an unknown amount, pending the outcome of an ongoing mediation between IMET and the other claimants.

Items to note – Capital Projects

The City's Capital Improvement Plan is attached for your use. Most of these projects are wholly within the City's control (road, water and sewer improvements), some are within the State's control (Route 71 expansion, Route 47 expansion, US Rte. 34) and others are dependent upon a variety of factors (water projects related to new wells and/or treatment plants). The biggest discussion the City is faced with is how to balance the maintenance needs of existing infrastructure against the concerns by residents against higher taxes and fees both in the present and future.

An outline of the proposed yearly capital projects is included in the year-by-year summaries above. In general, capital budgets went down in FY 19, due to the completion of the large Countryside infrastructure project and the Riverfront & Bristol Bay park projects in FY 18. In FY 20, capital spending declined due to the postponement of the Mill Road improvement project before increasing again in FY 21 due to the acquisition of the new City Hall building at 651 Prairie Point. The sharp increase in FY 22 is primarily due to anticipated City Hall renovation costs (budgeted at $6M+), in addition to roadway improvements on Mill Road ($2.26M) and Fox Hill Subdivision ($1.35M).



Items to note – Capital Projects, unfunded

1) East Washington Street water main replacement (Water Fund)
    a. 80+ year old water main in the area of E Washington Street from Rt 47 to Mill St. Replacement would improve fire protection and water quality. This project is not shown in the five-year budget proposal, but is expected to be funded sometime beyond 2026, per the City's Capital Improvement Plan (CIP).
    b. Cost estimate - $474,000

2) Building maintenance issues
    a. The City completed a building conditions study in 2017. The study looked at 40+ buildings and structures owned by the City and recommended maintenance schedules.

EMG's reports include an assessment of all City-owned buildings, structures and parking facilities. An equipment inventory and five-year funding targets for each building was also completed.

b. Cost estimate – Based on the EMG reports and a conservative estimate of which buildings the City will likely keep maintaining, the annual recommended maintenance expenditures are approximately $600,000.

3) Baseline Road
   a. One of the worst rated roads in the City. The City has been monitoring the condition of the deck of the bridge for the past year and has spent modest amounts patching, milling, and resurfacing parts of the roadway. In the event the bridge inspection comes back unfavorable, the City would proceed forward with closing the road. With the Route 47 north expansion project funded by the State, the cost of the bridge replacement will be heavily subsidized by the state 4-10 years from now.
   b. Cost estimate - $672,000

4) Well No. 6 and Water Treatment Plant
   a. Once the City reaches a population of 27,000, we will need an extra well and water treatment plant to keep adequate water supply and pressure throughout town. The City has planned for this well and treatment facility to be sited at the Bristol Bay water tower but would need to update the plans for the facility (it would mimic the Grande Reserve facility). Further, this actual project will be the first major water system improvement contemplated after the City's comprehensive water system study and regional water supply study was completed. The City could eliminate this project if water consumption decreases, or the City has an alternate supply source lined up.
   b. Cost estimate - $5,075,000 for Well 6 and the Treatment Plant

5) East Alley water main and sewer main replacement (TIF)
   a. Replacement would improve fire protection and water quality on the water side. Sanitary sewer lining is needed to address I&I issues. This project is not shown in the five-year budget proposal, but is expected to be funded sometime beyond 2026, per the City's Capital Improvement Plan (CIP). From a strategic perspective, this project should occur simultaneous with any redevelopment of the FS property.
   b. Cost estimate - $672,000

6) Radio-Read Retrofit
   a. Replaces old, potentially inaccurate, meters that are read by hand with radio read meters. Accuracy will be greatly improved and read times will be dramatically lowered
   b. Cost estimate - $2,000,000 (spread out over several fiscal years

7) Route 71 expansion, west of Route 47
   a. Route 71 expansion west of Yorkville is currently funded for concept design, but design work has not yet begun in earnest. When this project is fully funded by the state, and is engineered, bid, and constructed, the watermain currently in the right of way will need to

be moved out of the right of way, similar to what occurred east of Route 47. The City will also be asked to fund trail and sidewalk installation.

b. Cost estimate - $600,000 ($450,000 for watermain and $150,000 for other roadway costs, spread out over two to three fiscal years)

8) Inflow and Infiltration Reduction (SSES)
   a. YBSD continues to monitor the I&I into the sanitary sewer system. Indications are that the flows are higher that what is considered acceptance and improvements to the sanitary sewer system are needed to reduce flows and potential sewer back-ups.
   b. Cost estimate - $2,000,000 plus

9) S. Main Street water main replacement (water fund)
   a. 90+ year old water main in the area of S Main Street from Van Emmon to Beecher. Replacement would improve fire protection and water quality. This project is not shown in the five-year budget proposal, but is expected to be funded sometime beyond 2026, per the City's Capital Improvement Plan (CIP).
   b. Cost estimate - $1,135,000

<u>Items to note- Building Inspection Load</u>

The comparison to other neighboring communities regarding inspections conducted in 2020 is below. Inspections for occupied structures after the onset of COVID-19 in March 2020 were conducted virtually. While Yorkville ranked second to Oswego regarding total number of inspections, Yorkville averaged a higher inspection per inspector rate due to Yorkville having 3 full-time inspectors compared to Oswego's 11 full-time inspectors.

City or Town	Full – Time Personnel	Part Time Personnel	Number of Inspections in 2020	Avg inspections per Inspector	Avg Inspections Per Day	Outsourced Inspections	Inspections Requiring IL Plumbing License
Oswego	11	0	9,549	867	36	10	683
Montgomery	2	1	3,838	1,255	6	700	700
Kendall County	1	1	1,164	774	4	3	101
Sugar Grove	1	1	1,420	909	5	56	Not Provided
Yorkville	3	0	5,795	1,838 PR 2,482 BC 590 GH (1,637 average)	22	639 B&F 240 EEI 6 BKFD	687

Items to note – Bond Ratings and refinancing

The City was upgraded one notch from to AA- to AA, by Fitch Ratings in July 2019, which was recently affirmed at the end of February 2021. Standard & Poor's has rated the City's debt at AA since 2016; with both rating agencies presenting a stable outlook. A higher bond rating allows the City to issue and refinance debt at a lower rate of interest. This is crucial as we continue to plan for future capital projects. Upgrades are based on several factors including a favorable economic outlook, budgetary flexibility (increasing revenues and/or decreasing expenditures/expenses), and relatively high fund balance (reserves) levels. To maintain its bond ratings, the City will need to continue to keep spending within or just slightly above projected revenues allowing the City to be able to adapt to changing economic conditions. Increased revenue, reserves and overall economic expansion within the City may help to improve our ratings even further.

In 2017 Congress made changes to the tax law, stating that tax-exempt bonds can only be refunded on a current basis (i.e. within 90 days of the call date). Nonetheless, the City will have an opportunity to refinance the 2011 bonds (Sewer Fund) in late 2021. Staff, along with the City's financial advisor, will be reviewing this bond issue in the Fall to see if current interest rates will yield adequate savings to justify the refinancing process.

Items to note – Property taxes

For fiscal years 2015 through 2018, the City unofficially adopted a plan to reduce its tax levy by 2% in FY 15, followed by a 1% each year through FY 18. Property taxes decreased at a rate quicker than we initially expected as follows: 3% in FY 15; 1.66% in FY 16; and 1.68% in FY 17. After holding the levy flat (0%) in 2016 (FY 18), over the next four years (FY 19 thru 22) Council decided to increase the levy by EAV growth generated from new construction only, resulting in nominal increases of approximately 3% for the current levy year. Property owners who see their EAV unchanged from year to year should pay relatively the same share of City taxes as the year prior. The corporate property tax budget assumptions within this proposal are relatively flat over the next several fiscal years, as any projected incremental revenues generated from new construction have been allocated to the police pension property tax levy so that the City can continue to fully satisfy its pension funding requirements.

Along with this approval, the City Council also permitted separating the City and Library levies for the fifth year in a row. In the past when the levies were joined, property tax growth was determined in different ways for the City and the Library. This resulted in the Library's levy amount growing at a much higher rate than that of the City. Essentially, this reduced the amount available to the City as the Library's increase had to be accounted for within the City's PTELL maximum.

The small picture – items to note in the General Fund

Please accept the following information as discussion on individual line-items within the budget. These individual line-items may change between now and the date of approval based on City Council direction or staff recommendation (due to new information). Revenues are listed as "R#", and expenditures are listed as "E#".

R1) Property Taxes – Corporate Levy 01-000-40-00-4000

a. The FY 22 levy amount will decrease by less than 1%, as more money was diverted away from the corporate levy to help fund the increase in the levy for the police pension fund. Between FY 23 and FY 26, we project this modest erosion of property taxes for general purposes, with more money being diverted to the police pension line-item every year. In FY 24 through 26, we have estimated that property taxes will modestly increase less than 1% per year from new construction allotments only. As a reminder, this line item does not include police pension, library operations or library debt service taxes.

R2) Property Taxes – Police Pension 01-000-40-00-4010

a. After increasing by ~$120,000 in FY 21, the actuarial determined contribution will increase again by $104,167 (8.5%) in FY 22. This is due to several factors including: a shortening amortization period, as each year we get closer to 2040; the continual increase of normal costs; and the fact that the Funds strong equity returns over the course of 2019 were eroded in the Spring of 2020 with the onset of the COVID-19 pandemic. Nonetheless, on a positive note, the percent funded had increased at the end of FY 20 to 49.1%, which was up from the previous year's funding level of 47.5%. In addition, after a sharp decline in the first quarter, equity markets rebounded over the course of 2020, and staff is currently expecting the Pension Fund's return to exceed 7% (actuarial assumed rate) for the current fiscal year. FY 22 will represent the eighth year in a row that the City will meet its actuarial determined contribution. Future years funding amounts are estimates only and will be analyzed each year by the City's actuary.

R3) Municipal Sales Tax 01-000-40-00-4030

R4) Non-Home Rule Sales Tax 01-000-40-00-4035

a. After an unexpected sales tax increase during the first months of the pandemic, FY 20 ended 5% higher than FY 19. The City planned for 2% increases in FY 21 and beyond and punted on revising those figures at the start of the pandemic in lieu of frequent monitoring and a long cut list. As reported during the frequent budget reviews, sales taxes in Yorkville have been unexpectedly strong, with sales tax increases caused by greater use of online shopping paired with sales tax sourcing methodology changes from the Supreme Court Wayfair decision and homebound residents shopping locally in person. FY 21 is expected to be at least 5% higher than FY 20, with another major online sales tax sourcing occurring January 1, 2021 still unaddressed in our budget estimates. The release of this FY 22 budget proposal will be immediately tested with the March sales tax report (December consumer sales) and the April sales tax report (January consumer sales, including the new online sales tax methodology).

R5) Electric Utility Tax 01-000-40-00-4040

R6) Natural Gas Utility Tax 01-000-40-00-4041

a. These revenue line-item represents the City's locally imposed tax on electricity usage and natural gas usages, respectively. Both amounts are variable based on total usage which means this line-item is dependent upon seasonal weather patterns. For budgeting purposes, we have projected these amounts to be flat over the entire budget proposal.

R7) Excise Tax 01-000-40-00-4043

a. This line-item was formerly called the Telecommunications Tax and represents a 5% tax on landline and cell phone usage. The amounts in this line-item have fallen in recent years, matching the decline in overall land-line phone usage. Of note, the tax in this line-item only applies to the phone portion of a cell phone bill, and not the data portion.

R8) Cable Franchise Fees 01-000-40-00-4045

a. This line-item represents franchise fees received from Comcast, AT&T and Metronet. Total revenues are projected to be flat due to overall growth in new homes offset by a trend away from video services.

R9) Hotel Tax 01-000-40-00-4050

a. Hotel tax revenues have been greatly impacted by the pandemic. For FY 21, the City is anticipating a loss of at least 25% in annual hotel taxes. However, the City has budgeted for a normal year in FY 22 with a strengthening local economy and travel indicators, as well as a second full year of having two hotels.

R10) Video Gaming Tax 01-000-40-00-4055

a. Video gaming revenues from the 14 establishments have taken a 35% hit in FY 21 due to the pandemic, but we are budgeting for a normal year in FY 22 due to the strengthening local economy.

R11) Amusement Tax 01-000-40-00-4060

a. Amusement taxes were impacted by the pandemic closing and/or limiting capacity at Raging Waves and NCG for the majority of FY 21. FY 21 figures were more than 60% lower than FY 20, and we expect a major impact in FY 22 from capacity limits. This is the 3% tax charged on all amusement devices and tickets within the City. The maximum amount allowable under law for this tax is 5%. Most of this line-item is generated by Raging Waves, which has a large percentage of out-of-town visitors. The second largest contributor to this amount is NCG Movie Theater, although this amount currently has no net impact on the budget, as we are rebating 100% of the amusement tax to the movie theater developer until we rebate $200,000 total. We expect that figure to be reached in FY 23. At that point, the rebate drops to 50% thru February of 2024.

R12) Admissions Tax 01-000-40-00-4065

a. This is the 2.75% admissions tax charged at Raging Waves, authorized by their annexation agreement. This amount is remitted to Raging Waves to offset their on-site infrastructure costs. Because this is a budget neutral line-item, we have punted on the FY 22 budget estimate, keeping it at historical norms.

R13) Business District Tax – Kendall Mrkt 01-000-40-00-4070

a. This line item represents the additional 0.5% general merchandise sales tax applicable to the Kendall Marketplace Business District. These proceeds are rebated in full (out of Admin Services) to pay debt service on the Kendall Marketplace bonds.

R14) Business District Tax – Downtown 01-000-40-00-4071

a. This line item represents the additional 1.0% general merchandise sales tax applicable to the Downtown Business District. These proceeds are rebated in full (out of Admin Services) to Imperial Investments, pursuant to their development agreement with the City.

R15) Business District Tax – Countryside 01-000-40-00-4072

a. This line item represents the additional 1.0% general merchandise sales tax applicable to the Countryside Business District. These proceeds are rebated in full (out of Admin Services) to Kendall Crossing LLC, pursuant to their development agreement with the City.

R16) State Income Tax 01-000-41-00-4100

a. Income tax is expected to finish FY 21 around $2.1M, which is a 13% increase over FY 20 amounts. The IML per capita projection for FY 22 is $110On top of those base level estimates described above, the Governor's budget address for the state fiscal year beginning July 1 proposes to sweep an additional 10% of LGDF but also has the closure of a number of corporate loopholes on income taxes, which the Governor's office and IML are estimating will cause a net increase in LGDF. In early conversations with lobbyists and legislatures, municipalities are making it clear that any reduction in LGDF is unacceptable. At this point, we are endorsing the IML estimate of $110 per capita for FY 22, and as things change, we will react accordingly. There are several large purchases and projects that could be deferred to counteract an LGDF cut, and we are able to do so without jeopardizing the City's financial picture. Further complicating this estimate, the 2020 decennial census should be complete by the end of calendar year 2021 and we expect to receive updated population estimates by late 2021 or early 2022; thus, we are estimating a bump in revenues in FY 22 and a 2% annual growth rate thereafter.

R17) Local Use Tax 01-000-41-00-4105

a. Use tax is currently on pace to increase 20% between FY 20 and FY 21. Much of this is driven by the additional proceeds generated from on-line sales (because of the Supreme Court decision in the Wayfair v. South Dakota case). We do anticipate some of this increase will be rolled back after January 1, 2021 when some online sales taxes collected as use tax will be reclassified by the state as municipal sales taxes. The IML is projecting $44 per capita for FY 22 and this amount does not consider any decrease from the online sales tax switch on January 1, 2021. Since this tax is currently and will be based on our population, we also assume a bump in revenues in FY 22 from the decennial census and a 2% growth thereafter.

R18) Cannabis Excise Tax 01-000-41-00-4106

a. This line-item represents an 8% share of the State's cannabis taxes, which must be used to fund crime prevention programs, training, and drug interdiction efforts. The IML estimate for this revenue is $0.93 per capita, as of February 2021.

R19) Federal Grants 01-000-41-00-4160

a. The large bump in FY 21 represents the City's receipt of CURE funds via the CARES act to assist with pandemic response. This money was sent to the City to offset costs of police salaries. If the currently proposed $1,900,000,000,000 COVID relief package is approved by the federal legislature, the City will be in line to receive more funding in FY 22. For conservative budgeting purposes, we have not planned for any additional federal assistance, but we do expect to receive word on funds by mid-March.

R20) Building Permits 01-000-42-00-4210

a. Revenue figures within this line-item are budgeted at $450,000 which will help offset personnel and contractual costs associated with conducting inspection activities. If during the year, all those costs are met, any excess building permit revenue would be transferred into the City-Wide Capital Fund for the use of one-time capital expenses. This prevents us from using one-time revenues for operating costs in the future.

R21) Garbage Surcharge 01-000-44-00-4400

a. This line-item represents all revenue the City receives from residents for garbage services. Increases in this line-item reflect contractual rate changes only, and there is no material net impact within the budget as the cost of service is generally matched by revenues. The City's current garbage contract runs through FY 22.

R22) Administrative Chargeback 01-000-44-00-4415

a. This revenue represents that the General Fund will be reimbursed from the Water, Sewer, and TIF Funds for a portion of personnel costs. This is according to the time that employees whose salaries come out of the General Fund spend on water, sewer, and TIF related issues.

R23) Investment Earnings 01-000-45-00-4500

This line item consists of interest income earned from FDIC insured certificates of deposit (i.e. CD's), in addition to having cash on account with the First National, Illinois Funds, Illinois Trust and Associated Bank. Since the beginning of the pandemic, interest rates have cratered, resulting in an 80% underperformance in this line-item.

R24) Reimbursement – Engineering Expenses 01-000-46-00-4604

a. Revenue figures within this line-item will offset the line item for engineering expenses in order to net out the engineering services to equal the $240,000 contract amount.

R25) Miscellaneous Income 01-000-48-00-4850

a. This revenue line-item primarily represents green power civic grants from the City's residential electric aggregation program, and rebate money earned from simply using City issued credit cards to make purchases.

E1) Salaries – All Departments Multiple #'s

a. We are proposing a 3% COLA or bargaining agreement approved increases and appropriate step increases for all non-union and union employees. We have budgeted for reasonable, but undetermined, salary increases in FY 23 through FY 26.

E2) Health Insurance – All Departments Multiple #'s

a. For FY 22, we are pleased to announce that health insurance rates will decrease by 6%, respectively, pursuant to renewal information we recently received from the City's broker, Alliant/Mesirow. Actual year-end figures may fluctuate based on employees changing health plans and/or actual amounts incurred on the HRA plan. For FY 23 thru FY 26, we are assuming an annual 8% increase in health insurance and a 5% increase in dental costs.

E3) IMRF – All Departments Multiple #'s

a. The City's employer rate has nominally decreased by 0.5% in 2021, from 11.17% to 11.11%, due primarily to positive stock market returns in 2019. While the IMRF fund is very well funded compared to other State-wide pension systems, we are budgeting conservative increases in the employer contribution rates each year for FY 22 through FY 26. The preliminary 2022 rate will be available this April and staff will revise projections accordingly in the subsequent budget year.

E4) Tuition Reimbursement – All Departments Multiple #'s

a. Per the City's tuition reimbursement policy, any approved degree programs are shown in the appropriate departmental budget. Currently, Deputy Chief Pfizenmaier (Police Department) is enrolled in bachelor's degree programs at University of Arizona (online) and Aurora University. Sergeant Stroup and Officer Goldsmith (Police Department) are both pursuing master's degrees at Aurora University.

E5) Training and Travel – All Departments Multiple #'s

a. Travel and conferences are budgeted assuming all conferences occur as they would pre-COVID. We have seen some movement in national and state conferences to either push back the start dates of conferences or to pivot towards remote conferences. This could result in lower than expected year-end expenditures, but we would prefer to keep the amounts at normal levels on the off chance that conference opportunities resume.

E6) Commodity Assumptions – All Departments Multiple #'s

E7) Graduated increases in gasoline, electricity, natural gas, and simple contractual services are not based on any estimate of the details of the line-item, except where specifically noted in this budget section. From a conservative budgeting principle, we are purposefully trying to overestimate costs to hedge on unanticipated price increases on those items that are subject to market fluctuations. Professional Services – All Departments Multiple #'s

a. Professional services expenditures vary in each department and can be for a variety of services. For each department, we've included a brief sampling of the expenses coded out of this line-item. Full expense reports for this or any line-item can be obtained from the Finance Department at any time.
b. Administration – Expenses for the minute taker, safe deposit box and background checks.
c. Finance – GFOA CAFR award fee, utility billing processing and credit card fees, bank fees, police pension and OPEB actuarial fees, and the annual accounting software maintenance agreement.
d. Police – Expenses for onsite shredding, CAPERS annual fee, LEADS on-line, Live Scan, Pace scheduler and WatchGuard. To replace Lexipol department officials will be implementing Power DMS, a policy and procedure management system. The cost for this program is significantly less than Lexipol.
e. Community Development – Access to iWorQ (code enforcement and permit management software), consultant work related to the subdivision control ordinance (UDO), annual fees for ESRI GIS and Adobe Professional, and expenses for the minute taker.
f. Street Operations – copier charges, parkway tree trimming, annual cloud storage fees for solar speed signs and CDL license renewal.
g. Water Operations –Utility billing processing and credit card fees, emergency leak detection, and BSI backflow monitoring.
h. Sewer Operations – Sewer cleaning, alarm monitoring, utility billing processing and credit card fees, and manhole repair.
i. Parks – background checks and copy charges.
j. Recreation – Referees and umpires, recreation class instructors, graphic design, web track maintenance agreement, pest control, background checks, and park board minute taker fees.
k. Library – Plumbing Inspection, Sound Maintenance, background checks, copy charges, pest control, copier charges, IT services and minute taker fees.

E8) Salaries – Mayor 01-110-50-00-5001

E9) Salaries – Liquor Commissioner 01-110-50-00-5002

E10) Salaries – Alderman 01-110-50-00-5005

a. These line-items reflect the City Council's approval of elected official's salary changes for May 2023.

E11) Auditing Services (Finance) 01-120-54-00-5414

a. The City went out to RFP in 2017 and awarded a five-year contract to Lauterbach and Amen which will expire in FY 22.

b.

E12) Salaries – Police Officers 01-210-50-00-5008

E13) Salaries – Police Chief and Deputies 01-210-50-00-5011

E14) Salaries – Sergeants 01-210-50-00-5012

a. Last year's staffing plan for the Police Department carries forward to this budget proposal. The City currently has 32 sworn officers budgeted in FY 22, which is the same amount of sworn officers that the City had in FY 21. The staff recommendation is to hire a new commander position in FY 22, but delay backfilling that position with a police officer until FY 23 – when the City will move up to the previously authorized level of 33 sworn officers. The commander position will be between a Sergeant and a Deputy Chief on the pay scale. We have included a regional staffing analysis for your use:

Municipality	Population*	Total Full-Time Officers	Officers per 1,000
Batavia	26,425	40	1.51
Carpentersville	38,380	59	1.46
East Dundee	3,239	13	3.70
Elburn	5,782	9	1.55
Elgin	112,767	185	1.64
Geneva	21,941	34	1.55
North Aurora	17,542	30	1.71
Sleepy Hollow	3,333	7	2.10
St. Charles	32,780	58	1.77
Sugar Grove	9,830	11	1.12
West Chicago	27,219	40	1.47
West Dundee	7,365	18	2.44
Average	25,550	42	1.64
Midwest (10,000-24,999)**	6,761,176	11,494	1.70
National (10,000-25,000)**	25,660,537	58,891	2.30
Yorkville (FY 20)	19,022	32	1.68

*Based off 2016 U.S. Census population estimate

** Only agencies that participate in FBI Uniform Crime Reporting

E15) Police Commission 01-210-54-00-5411

a. Sergeant testing will occur in FY 24. Patrol officer testing will occur in FY 23 and 25.

E16) Vehicle and Equipment Chargeback 01-210-54-00-5422

a. This line-item represents the gap between police impact fees and the amount of expenditures related to police-car purchases.

E17) Salaries and Wages (Community Development) 01-220-50-00-5010

a. In order to make the Prairie Pointe building front desk a one-stop shop, we propose to bring in a new front desk employee, focusing on Community Development and Public Works issues. Historically, the Public Works Department had their own front desk employee at Tower Lane until 2010. This split employee would be responsible for and trained in all desk duties but would be primarily supervised by Director Noble and Director Dhuse. This employee's salary would be offset by permit revenues on the Community Development side and would allow the current Building Permit Clerk to focus on the behind the scenes department logistics with inspections and permits.

E18) Inspections 01-220-54-00-5459

a. Permits and permit revenues went unexpectedly higher in FY 21 during the pandemic, but inspection costs remained reasonable. This was primarily a result of the City being able to close the front desk of the Community Development Department to walk-in customers and to move towards a more structured, appointment-based consultation and limited-scope virtual inspection process. Additionally, the salaried community development department employees worked longer hours than expected to keep outsourced inspection costs low. We have budgeted for a return to historical norms in FY 22. These costs will continue to be monitored throughout the construction season for opportunities to move these services in-house.

E19) Professional Services (Community Development) 01-220-54-00-5462

a. The FY 22 column for this line-item contains the remainder of the UDO project, which was authorized by City Council in February 2019 and delayed during 2020.

E20) Salaries – Streets 01-410-50-00-5010

a. Three new positions have been budgeted in the Streets department for FY 22, with prorated start dates between June and September 2021. Two positions are Maintenance Workers, to assist with snow plowing, leaf pickup, sidewalk repair, and a host of other daily operations. The third position is a front desk employee that will be split with the Community Development Department, Water and Sewer Operations.

E21) Vehicle & Equipment Chargeback 01-410-54-00-5422

a. This line-item represents the gap between public works impact fees and the amount of expenditures related to public works vehicle purchases.

E22) Mosquito Control 01-410-54-00-5455

a. The line-item expense for mosquito control represents treatment of storm sewer inlets only.

E23) Garbage Services – Senior Subsidies 01-540-54-00-5441

a. This line item represents the total amount of the current senior garbage subsidy. The subsidy is 20% for all seniors and 50% for all seniors on the Circuit Breaker program. Currently, we have 741 senior accounts and 13 circuit breaker senior programs.

E24) Purchasing Services 01-640-54-00-5418

a. This line-item represents the Purchasing Manager shared with the Village of Oswego. The original term of the intergovernmental agreement expires on December 31, 2021, with notice to terminate due by June 30th. We recommend continuing this position through FY 26.

E25) IDOR Administration Fee 01-640-54-00-5423

a. This line-item represents the amount of the City's sales locally imposed sales taxes that are being swept by the State of Illinois.

E26) GC Housing Rental Assistance Program 01-640-54-00-5427

a. This line-item represents the City's cost to run the housing assistance program for the GC Housing development, as approved in Ordinance 2016-21. The estimated maximum annual liability for this program is $12,000, and the actual numbers can fluctuate by a few thousand dollars per year, depending on the recipients' income levels. We have conservatively estimated 10% to 15% increases each year after FY 22. This program is set to expire in FY 26.

E27) Utility Tax Rebate 01-640-54-00-5428

a. This line-item represents the electric and natural gas utility taxes rebated to Wrigley as part of the Skittles factory expansion. The project was given a permanent certificate of occupancy in early 2017 and the first rebate occurred in FY 18 and the last rebate will occur in FY 22. The maximum liability for this line-item is $14,375, but we have historically been under this amount and the line-item reflects historical figures.

E28) Facility Management Services 01-640-54-00-5432

a. This line-item represents the Facility Services Manager shared with the Village of Oswego. Concurrently with the creation of the Building and Grounds Fund 24, we propose to shift the costs of this position into that fund. The intergovernmental agreement for this position does not expire until December 2022, and we propose to keep this position in place through FY 26.

E29) Amusement Tax Rebate 01-640-54-00-5439

a. As part of the Countryside redevelopment project incentives, the City is refunding a portion of the amusement tax to the Movie Theater developer. This amount should equal the amount of amusement tax generated by the Movie Theater up to $200,000. We expect that this incentive will be satisfied by the end of FY 23. All further proceeds will be rebated at 50%.

E30) KenCom 01-640-54-00-5449

a. This line-item represents the City's contributions to KenCom, based on the intergovernmental agreement for annual funding, the intergovernmental agreement for New World software usage, the City's purchase of a T1 line through Comcast for a direct connection into Kendall County, and the KenCom budget. This line-item is estimated by staff in February of each year for the upcoming FY budget, but the actual dollar amounts are not finalized until the end of each calendar year.

E31) Information Technology Services 01-640-54-00-5450

a. This line-item covers our base level IT contract, some annual special projects, all Microsoft Office licensing, and various other licenses for network components. This line-item also includes the purchase and implementation of a full ERP in FY 22 and FY 23. The General Fund and this line-item are expected to absorb about 70% of the cost of the ERP, and the remaining costs have been apportioned out to the other funds.

E32) Professional Services 01-640-54-00-5462

a. This line-item covers half of the Yorkville cost of the state lobbyist (shared with Montgomery and Oswego) and half of the Yorkville cost of the federal lobbyist (shared with Kendall County, Oswego, and Montgomery). The remaining amount of Yorkville's contribution for these contracts are covered in the water fund.

E33) Engineering Services 01-640-54-00-5465

a. This is the gross cost of all EEI expenses which are not related to capital projects. It includes $240,000 of contract-related expenses, and $60,000 worth of non-contract related expenses (subdivision-infrastructure inspections and/or reimbursable development work.

E34) Economic Development 01-640-54-00-5486

a. The City's contract for economic development consulting with Lynn Dubajic of DLK, LLC expires in December 2021. We propose to extend it for another three years. This contract is set at $145 per hour at 15 hours per week plus quarterly travel charges and hourly overages, which makes up most of this line item of $160,000.

E35) Sales Tax Rebate 01-640-54-00-5492

a. This line item represents the 50% share of rebated sales tax to developers, pursuant to past economic incentive agreements entered with the City. Sales tax rebate growth is pegged to overall sales tax growth, as mentioned above.

E36) Business District Rebate 01-640-54-00-5493

a. Currently, this expenditure line-item corresponds with the revenue line-items of the same amount, as this tax is rebated 100% to the developers of the Kendall Marketplace, Kendall Crossing and the downtown business district.

E37) Admissions Tax Rebate 01-640-54-00-5494

a. Currently, this expenditure line-item corresponds with a revenue line-item of the same amount, as this tax is rebated 100% to Raging Waves. This rebate is set to expire in FY 27.

E38) Contingency 01-640-70-00-7799

a. This line-item represents the Mayor's request to identify funding for various unplanned expenditures throughout the year. At time of budget, no specific projects or purchases are planned for this line-item.

E39) Transfer to Debt Service 01-640-99-00-9942

a. This line-item represents the amount the general fund covers of the 2014B bond, which initially financed a streets rehab program from the mid-2000s and will be retired in FY 23. The property taxes on the 2014B bond were completely abated in the 2017 tax levy cycle (FY 19 budget).

E47) Transfer to Sewer 01-640-99-00-9952

a. This line-item represents the City's transfer of non-home rule sales tax dollars being transferred into the sewer fund to pay for a portion of the yearly debt service on the 2011 refinancing bond. As authorized in the FY 19 budget, the Sewer Fund transfer is reduced in FY 19 thru FY 22 to cover some General Fund operating and capital expenditures and to offset the General Fund deficit.

E48) Transfer to Parks and Recreation 01-640-99-00-9979

a. This line-item represents the City's operational transfer to fund Parks and Recreation expenses. The decrease in FY 21 and increase in FY 22 is due to the City's liquidation of the Parks and Recreation fund balance, as authorized in the FY 21 budget.

E49) Transfer to Library Operations 01-640-99-00-9982

a. This line-item transfer covers liability and unemployment insurance for the Library.

The small picture – all other funds

Fox Hill SSA (11)

R1) Property Taxes 11-000-40-00-4000

a. The FY 21 revenue figure of $19,000 reflects a ~$86 per home per year tax amount, which was the tax levy ordinance approved by City Council in December 2020. The 2020 levy materials also forecasted the property taxes for FY 23 through FY 25, with $10 to $15 increases per year. Of note, the long-term debt on past projects and the negative fund equity will be cleared in FY 25.

E1) Professional Services 11-111-54-00-5462

a. The City ended use of a HOA management company in FY 21.

E2) Outside Repair and Maintenance 11-111-54-00-5417

a. The FY 22 amount reflects our best estimate for the annual maintenance contract for mowing and landscaping, and the re-installation of the subdivision entrance sign. That project is being offset by funds given to the City by IDOT for the Route 34 project in FY 17. The FY 22 column contains money for crack sealing and sealcoating the trails in the subdivision. We propose to do this project through a modest deficit spend in FY 22, with repayment coming from property taxes expected in FY 23-25.

Sunflower SSA (12)

R1) Property Taxes 12-000-40-00-4000

a. The FY 22 revenue figures reflect the ~$180 levy per home that was discussed by the City Council during the levy approved in December 2020. The FY 23 levy is expected to be around the ~$180 mark, potentially increasing to $190 per home in each of FY 24 and FY 25 Of note, the long-term debt on past projects and the negative fund equity is not projected to be cleared until FY 25.

E1) Pond Maintenance 12-112-54-00-5416

a. In FY 21 and beyond, the City is budgeting for annual algae treatments and basin monitoring.

E2) Professional Services 12-112-54-00-5462

a. The City ended use of a HOA management company in FY 21.

E3) Outside Repair and Maintenance 12-112-54-00-5495

a. This line-item reflects our best estimate for the annual maintenance contract for mowing, tree trimming, and landscaping the subdivision entrances.

Motor Fuel Tax Fund (15)

R1) Motor Fuel Tax 15-000-41-00-4112

a. The FY 21 revenue figures reflect the City's share of the state's motor fuel tax at $22,90 per capita (IML estimate) and our expected population count of 20,000 plus to be certified at the end of 2021. In subsequent years, the amount of the tax will increase by an inflationary factor each year.

R2) MFT High Growth 15-000-41-00-4113

a. The MFT High Growth line item represented a supplemental MFT appropriation that was created soon after the State's 2009 capital bill. With the passage of the 2019 capital plan, the state has said it will decrease high growth funding by 75%, although this has yet to happen in practice. However, staff remains conservative when budgeting for this line item, with the assumption that this revenue stream will be cut in the future.

R3) Transportation Renewal Tax 15-000-41-00-4114

a. When the state increased motor fuel taxes as part of the 2019 capital plan, they chose to break out a portion of the increase and distribute it to several transit agencies and transportation purposes. The remainder of the tax was pegged to inflation and distributed to municipalities on a per capita basis. The FY 22 figures represent a $16.45 per capita distribution and an increased population count from the census in the latter half of 2021.

R4) Rebuild Illinois 15-000-41-00-4115

a. The state issued new capital bonds in 2020to fund a number of projects including but not limited to bondable projects in municipalities. Yorkville's allocation was more than $1.2m, to be distributed in three installments in FY 21, 22, and 23. In February 2021, the City Council reviewed the use of these funds in the Fox Hill subdivisions and adopted an MFT resolution accordingly. Construction is expected to occur in Summer 2021. The remaining distributions of these revenues will be deposited in FY 22 and 23 to offset the expenditures occurring in calendar year 2021.

E1) Salt 15-155-56-00-5618

a. Despite a relatively eventful winter in 2020/2021, salt prices on a per ton basis were relatively low, leading to a budget savings in FY 21. Salt prices for FY 22 are expected to be slightly higher than FY 21, but still below historical norms.

E2) Baseline Road Bridge Repairs 15-155-60-00-6004

a. Original estimates on the bridge repair in FY 16 came in much higher than expected, so staff recommended closure of the bridge instead. This item was pushed along through the remainder of FY 16, FY 17, FY 18, and FY 19 because ongoing bridge inspections have not justified total closure of the bridge. Per the Bridge Inspection Report completed in 2020, the superstructure (surface) is in poor condition, while the substructure is in good condition. We recommend leaving the bridge as-is until the State expands Route 47 in the area, which is funded for full construction in the state's most recent multi-year plan and could occur in the next 2-10 years.

E3) Fox Hill Improvements 15-155-60-00-6005

a. This line-item represents the one-time expenditures for road resurfacing in Fox Hill, to be funded by the Rebuild Illinois revenues.

E4) Road to Better Roads 15-155-60-00-6004

a. The FY 22 column reflects the roads chosen by the City Council in late 2020 and bid out in February 2021.

City-Wide Capital Fund (23)

R1) Federal Grants – STP Bristol Ridge 23-000-41-00-4163

a. The City applied for a surface transportation project (STP) grant for Bristol Ridge Road in late 2020, based on the project being put on a 1-5-year waitlist. If the grant application is moved up the waitlist, these revenues will be received, and the project will move forward as budgeted. We do not anticipate moving forward with resurfacing without this grant. In order to qualify for this grant, the City is set to undertake a ~$70,000 design engineering contract, shown below in the expenditure section.

R2) Road Contribution Fee 23-000-42-00-4222

a. The road contribution fee is an impact fee collected at time of building permit for developments that were generally constructed after 2006. These funds must be spent on the regional roadway system, and in some subdivisions, there are specific earmarks for use of these funds.

R3) Road Infrastructure Fee 23-000-44-00-4440

a. The FY 22 column reflects the $8 per month per household fee collected as part of the utility bill. This fee amount has been unchanged since implementation in FY 14.

R4) Mill Road improvements 23-000-46-00-4612

a. The FY 22 column with $2.32m reflects an assumed completion of the Grande Reserve annexation agreement and construction within the 2021 season. The annexation agreement amendment has taken the form of a general incentive agreement and will be in front of the City Council in Spring 2021.

R5) Reimb – Bristol Bay annex 23-000-46-00-4618

a. The $171,000 in FY 26 represents the City's expected IDOT contribution towards the pavement gap between the IDOT construction boundaries for the Route 47 north expansion project and the current pavement boundaries of Bristol Bay Drive and Bertram Drive. The actual project is estimated at $250,000, gross.

R6) Reimb – Kennedy Road (Freedom Place) 23-000-46-00-4640

a. The upcoming Grande Reserve incentive agreement contemplates road contribution fees of $2,000 per unit being paid at time of building permit being set aside for the completion of a few roadway projects adjacent to the subdivision, with the section of Kennedy Road adjacent to Freedom Place being one section. Based on the growth expectations of the Grande Reserve subdivision, as confirmed by the developer's representative, we think enough homes will have been built (and contribution fees collected) by FY 24 to do complete the roadway at that time. These contribution fees are proposed to be escrowed until enough are collected to complete the roadway.

E1) All City-wide Buildings and Ground Expenditure Line-items

a. As mentioned in the big picture narrative above, we recommend breaking out these line-items into their own fund due to their expected expenditure amounts associated with the Prairie Pointe building renovation.

E2) Engineering Services 23-230-54-00-5465

a. The FY 22 column represents the design and construction engineering for the Fox Hill Rebuild Illinois project. The FY 23 column contains funding for an update to the City's pavement management system. This LIDAR-based road survey and scoring system update will be conducted in Summer 2022 and was last conducted in Summer 2018.

E3) Fox Hill Improvements 23-230-60-00-6005

a. The streetlights in Fox Hill have been deteriorating and staff has replaced the light poles on an as needed basis. The FY 22 and FY 23 columns represent the City doing most of the installation work in house and some of the repairs through a vendor.

E4) Mill Road Improvements 23-230-60-00-6012

a. This line-item represents the Grande Reserve developer funded Mill Road improvements, tentatively set for 2021.

E5) Road to Better Roads 23-230-60-00-6025

a. This line-item includes the non-MFT portion of the Road to Better Roads program. The FY 22 column includes a "normal program" of $300,000 plus a $550,000 supplemental program which assumes the FY 21 budget amendment is approved.

E6) Bristol Ridge Road 23-230-60-00-6032

a. The FY 22 column represents the design engineering contract for Bristol Ridge Road, per the revenue narrative above. The FY 23 column represents completion of the project with grant funds (not guaranteed).

E7) Sidewalk Replacement Program 23-230-60-00-6041

a. This line item contains a City-wide sidewalk replacement program, per City Council goal and mayoral initiative. Sidewalks can be chosen on a worst-first basis, as there is no value advantage to a replacing a sidewalk at certain times in its lifespan. staff recommendation is to replace Beecher Center sidewalks, due to condition. Other areas have not yet been chosen. The $225,000 FY 22 represents a "normal program" of $125,000 plus a $100,000 supplemental allocation from the FY 21 budget amendment proposal.

E8) Route 71 (Rt 47- Rt 126) Project 23-230-60-00-6058

a. This line-item represents a portion of the City's local share of costs for the Route 71 expansion project. This project began in FY 19, and we expect the invoices to be paid by the City through FY 22.

E9) US 34 (IL 47 / Orchard Rd) Project 23-230-60-00-6059

a. This line-item represents a portion of the City's local share of costs for the Route 34 eastern expansion project. This project began in FY 18 and we expect the invoices to be paid by the City through FY 22. The funds budgeted are based on the IDOT approved bids but do not consider any possible change orders.

E10) Kennedy Road (Freedom Place) 23-230-60-00-6087

E11) Kennedy Road (North) 23-230-60-00-6088

a. Both projects are set to occur within the five-year budget, based on the growth patterns of the Grande Reserve subdivision and the City's collection of the $2,000 per unit road contribution fee. As stated above, the City plans to escrow all road contribution fees collected within the Grande Reserve subdivision for use on the Kennedy Road near Freedom Place and north of the BNSF railroad tracks. The Freedom Place project will commence when enough funds are escrowed to complete the work (estimated FY 24) and the north section of Kennedy Road (near the regional park and the Mill Road intersection) are currently moving forward with the hope that the cost savings from the Mill Road project and the developer's imminent Mill Road upfront payments will be sufficient to fund the work.

E12) Kennedy Rd Bike Trail 23-230-60-00-6094

a. This line item contains the final gross expenses from the construction of the trail. Pursuant to the commitment made by the Push for the Path group in 2012, the City's estimated local share in the amount of $217,000 was covered entirely through private donations and grant funding.

E13) Principal Payment (2014A Bond) 23-230-81-00-8000

E14) Interest Payment (2014A Bond) 23-230-81-00-8050

a. This line-item contains the debt service for a 20-year bond associated with the Game Farm Road project.

E15) Transfer to Building and Grounds 23-230-9900-9951

a. The $350,000 in FY 22 represents the amount set aside as savings for the Prairie Pointe building project, as referenced in the FY 21 budget amendment proposal.

Building and Grounds Fund (24)

R1) Development Fees – Municipal Bldg 24-000-42-00-4218
R2) Investment Earnings 24-000-45-00-4500
R3) Donations 24-000-48-00-4845
a. These line-items were previously located in the City-wide capital fund (23) and have been moved to fund 24 to better manage upcoming, significant building expenditures.

R4) Bond Proceeds 24-000-49-00-4900
a. This line-item represents a bond sale in FY 22 of $8.625m, which is the maximum authorized by City Council as part of the bond ordinances passed in late 2020. Staff makes no recommendation as part of this budget memo on the exact amount of the bond at this time but is using the maximum bond amount to illustrate the ability to pay for the bond. In addition, a projected bond sale of $15m is included in this line item in FY 24 related to the construction of a new Public Works facility.

R5) Transfer from General 24-000-49-00-4901
a. This line-item contains future general fund transfers to cover the debt service payments on the 2021 bond and the 2023 bond.

R6) Transfer from City-Wide Capital 24-000-49-00-4924
a. The $350,000 in FY 22 represents the amount set aside as savings for the Prairie Pointe building project, as referenced in the FY 21 budget amendment proposal.

R7) Transfer from Water 24-000-49-00-4951
a. This line-item contains future water fund transfers to cover the debt service payments on the 2023 bond (PW facility).

R8) Transfer from Sewer 24-000-49-00-4952
a. This line item contains future sewer fund transfers to cover the debt service payments on the 2023 bond (PW Facility).

E1) Salaries and Wages 24-216-50-00-5010
a. As referenced in the big picture narratives above, we propose to hire a building and grounds maintenance worker II. This position will be tasked with completing repairs and maintenance on the City's building and will be tasked with assisting with the Prairie Pointe building project and ongoing operations. This employee will be equipped to maintain HVAC systems, do touchup and regular painting, electrical repairs, replacing lightbulbs, plumbing repairs, carpentry repairs, and other annual maintenance tasks.

E2) Property and Building Maintenance Services 24-216-54-00-5446
a. This line-item was previously located in the City-wide capital fund (23) and has been moved to fund 24 to better manage ongoing building maintenance operations. The FY 22 column contains $75,000 for PW building study and design costs, with the remainder going to normal building maintenance projects as determined by the City's Facilities Manager.

E3) Hanging Baskets 24-216-56-00-5626
E4) Property & Bldg. Main Supplies 24-216-56-00-5656
a. These line-items were previously located in the City-wide capital fund (23) and have been moved to fund 24 to better manage ongoing building maintenance operations.

E5) City Hall Improvements 24-216-60-00-6030
a. This line-item represents the maximum building project currently afforded by the planned 2021 bond, after the City is reimbursed for $1.995,000 of land acquisition and related costs from bond proceed $350,000 in savings from the FY 21 budget amendment proposal. Staff makes no recommendation as part of this budget memo on the final cost of the renovation project

E6) Public Works Facility 24-216-60-60xx
a. The $15m listed in FY 23 assumes successful completion of the PW space needs study in 2021, design and construction in 2022-2023 and debt service payments in 2024. The staff chose this dollar amount based on the 2005 space needs study and a similar facility being currently planned in Montgomery. Given that a Public Works facility cost should be partially borne by the water and sewer funds, and the City has a significant amount of debt service retiring in the near term, we chose to show the impact of the building construction in the Building and Grounds fund, general fund, water fund, and sewer funds. In other related line-items, the ~$1m annual debt service is paid for with 33% streets dept funds, 23% sewer funds, and 43% water funds. That distribution among funds is up for discussion in the future and is currently based on the relative personnel totals between the three departments.

E7) Principal Payment (2021 Bond) 24-216-82-00-8000
E8) Interest Payment (2021 Bond) 24-216-82-00-8050
a. These line-items represent the debt service on a bond sale in FY 22 of $8.625m, which is the maximum authorized by City Council as part of the bond ordinances passed in late 2020. The staff makes no recommendation as part of this budget memo on the exact amount of the bond at this time but is using the maximum bond amount to illustrate the ability to pay for the bond.

E9) Principal Payment (2023 Bond) 24-216-86-00-8000
E10) Interest Payment (2023 Bond) 24-216-86-00-8050
a. These line-items represent the debt service on a bond sale in FY 24 of $15m, which is the first conceptual estimate of the Public Works facility by staff. The staff makes no recommendation as part of this budget memo on the exact timing or budget of the project, nor of the bond at this time.

E11) Transfer to General 24-216-99-00-9901
a. The general fund transferred around $500,000 to the now-defunct Municipal Building Fund in FY 14 to close out a long running negative fund equity position. Since that time, any municipal building impact fees paid by homebuilders has been transferred back to the General Fund to payback that closeout.

E12) Transfer to City-Wide Capital 24-216-99-00-9923

a. This line-item represents the reimbursement of land acquisition proceeds for the Prairie Pointe property to the City-Wide capital fund from bond proceeds in the anticipated 2021 bond.

Vehicle and Equipment (25)

R1) Police Chargeback 25-000-44-00-4420
R2) Public Works Chargeback 25-000-44-00-4421
R3) Parks & Recreation Chargeback 25-000-44-00-4427

a. As discussed in the general fund line-item narrative, these line-items represent transfers from the general fund (police & public works) and parks and recreation fund to cover the gap between vehicle purchases and available funds in the respective departments.

R4) Miscellaneous Reimb – Park Capital 25-000-46-00-4692

a. This line-item contains two separate developer reimbursements for parks projects itemized below: ~$50,000 from leftover Raintree Village subdivision improvement proceeds and $50,000 from the Grande Reserve developer for construction of a park at the north end of Grande Reserve.

E1) Equipment (Police) 25-205-60-00-6060

a. This line-item contains $50,000 annually for savings or purchase of body cameras for police officers. Per the recent criminal justice reform Illinois legislation, body cameras will be required for police officers by 2025. Rather than seek to implement this immediately, staff will be recommending a wait-and-see approach both to state administrative rules for body cam implementation, but also for emerging technologies and declining costs.

E2) Vehicles (Police) 25-205-60-00-6070

a. This line-item currently covers a "normal program" of two police SUVs planned for replacement in FY 22, 24, and 25, and three police SUVs in FY 23 and FY 26. Additionally, the FY 22 column and $260,000 allocation represent an additional two SUVs in FY 22 as part of the FY 21 budget amendment proposal. The assumption illustrated is that the FY 21 budget amendment is approved by City Council, that the funds do not get used in FY 21 and will be rolled over into FY 22.

E3) Computer Equipment and Software (General Govt) 25-212-56-00-5635

a. This line-item is new and contains all the laptop-desktop replacements for the entire City. Like the vehicle chargebacks, each department pays for their computer replacements via a chargeback in each fund. The City is on a 2/3/4-year replacement cycle for computers.

E4) Vehicles (Public Works) 25-215-60-00-6070

a. This line-item includes a "normal program" of $200,000 in FY 22, plus $480,000 in funds from the FY 21 budget amendment proposal. The assumption illustrated is that the FY 21 budget amendment is approved by City Council, that the funds do not get used in FY 21 and will be rolled over into FY 22. Exact models are being analyzed by Director Dhuse and will be presented at a later meeting, depending on the success of the FY 21 budget amendment proposed above.

E5) Principal Payment (PW 185 Wolf Street bldg.) 25-215-92-00-8000

E6) Interest Payment (PW 185 Wolf Street bldg.) 25-215-92-00-8050

a. These line-items cover the annual purchase installment payments to the property seller for the Public Works south building. The final payment will not occur until November 2028.

E7) Park Improvements 25-225-60-00-6010

a. This line-item represents park improvements to the Grande Reserve parks and a potential park-site in Countryside subdivision. The Grande Reserve park is being funded by the developer, and the Countryside subdivision park is proposed to be funded through leftover subdivision improvement proceeds from the Raintree Village subdivision.

E8) Vehicles (Parks Capital) 25-225-60-00-6070

a. The FY 22 column contains a "normal program" of $63,000 in FY 22 for two pickup replacements plus $250,000 in funds from the FY 21 budget amendment proposal. The FY 23+ columns are yet-to-be determined.

Debt Service Fund (42)

R1) Property Taxes - 2014B Bond 42-000-40-00-4000

a. The City fully abated the property taxes on this bond in December 2016 for the FY 18 budget, and FY 22 represents the fifth straight year the City has fully abated the property taxes. This debt will be fully retired in FY 23.

Water Fund (51)

R1) Water Sales 51-000-44-00-4424

a. Water sales are higher than budgeted amounts for FY 21, after falling short in FY 20. We propose no increase in water rates in FY 22 but have a 5% water revenue annual growth figure which can come from usage, City growth, and/or inflationary rate increases in future budget years.

R2) Water Infrastructure Fees 51-000-44-00-4440

a. No change is proposed for the Water Infrastructure Fee for FY 22. It is currently set at $8.25 per month through the end of FY 21 and will need to be reauthorized for FY 22.

R3) Water Connection Fees 51-000-44-00-4450

a. For FY 22, we expect 100 new housing starts, which should net approximately $2,300 in revenue per home. Each subdivision has its own water connection fee amount, depending on when the subdivision was annexed.

R4) Rental Income 51-000-48-00-4820

a. This line-item contains rental and lease fees from various cellular and internet antennas on City water towers.

E1) Building and Grounds Chargeback 51-510-54-00-5453

a. This line-item contains a small portion of personnel costs for Buildings and Grounds employees as outlined within the chargeback exhibit,

E2) Professional Service 51-510-54-00-5462

a. This line-item contains costs for normal, annual professional services (~$55,000), a portion of the cost of the ERP system a leak detection study, and the costs associated with the City's federal and state level lobbyists.

E3) Engineering Services 51-510-54-00-5465

a. This line-item contains the risk and resiliency assessment in FY 21 (previously authorized by City Council) and approximately $70,000 in FY 22 for contributions to an Oswego-authorized water study which will be useful to both Yorkville and Montgomery. This Oswego study and contributions will be reviewed by the Public Works Committee at the March meeting.

E4) Outside Repair and Maintenance 51-510-54-00-5495

a. The increase between FY 20 and FY 21 is due to a new program for annual exterior inspections of the City's water towers and annual maintenance of pressure reducing valves (PRV).

E5) Land Acquisition 51-510-60-00-6011

a. This line-item represents the potential acquisition of land for a Fox River water plant, either Yorkville-alone or regionally.

b.

E6) Water Tower Painting 51-510-60-00-6015

a. This line-item contains repainting the south-central water tower in FY 25 and repainting the north-central water tower in FY 23.

E7) Well Rehabilitations 51-510-60-00-6022

a. The City is planning to rehab two wells in this budget proposal; Well 7 in FY 22 and Well 4 in FY 23. Well 4 will be contingent upon successful completion of the Beaver St booster station generator improvements described below.

E8) Road to Better Roads Program 51-510-60-00-6025
a. The line item expenditure represents the dollar amount we can fund for water infrastructure as part of the program through FY 26.

E9) Equipment 51-510-60-00-6060
a. The large expense planned for FY 22 is the improvements to the Beaver Street pump station, which is a substitute project for the City's Well #7 standby generator.

E10) Route 71 Watermain Relocation 51-510-60-00-6066
a. This line-item contains the water-related local project costs for the Route 71 expansion project.

E11) Vehicles (Water Dept) 51-510-60-00-6070
a. The amount in FY 23 represent two replacement one-ton pickup trucks.

E12) Route 47 Expansion 51-510-60-00-6079
a. This line-item represents all water related utility costs associated with the Route 47 expansion project. These amounts are scheduled in equal annual payments for 10 years. By April 2020 the City will have made 91 of its 120 payments.

E13) Cation Exchange Media Replacement 51-510-60-00-6081
a. Th The City's water treatment facilities contain cation exchange units that are necessary to keep potable water within radium compliance. The media (resin) within the units has a useful life and typically needs to be replaced every 10-15 years to remain effective. The City's water treatment plants were all constructed in the mid-2000's and the media are reaching the end of its useful life. Within this line-item, we've budgeted for full replacement of all media Water Treatment Plant 4 in FY 22 and Water Treatment Plant 7 in FY 23.

E14) 2015A Bond Principal 51-510-77-00-8000
E15) 2015A Bond Interest 51-510-77-00-8050
a. These two line-items represent the debt service payments associated with the Countryside water main project.

E16) Transfer to Buildings and Grounds 51-510-99-00-9924
a. This line-item contains future water fund transfers to cover the debt service payments on the 2023 bond (PW facility).

Sewer Fund (52)

R1) Sewer Maintenance Fees 52-000-44-00-4435
a. Residential growth has been in line with expectations which means this revenue line-item has met expectations despite no change in the sewer rates. Accordingly, we have budgeted for annual revenue growth of ~3%.

R2) Sewer Infrastructure Fee 52-000-44-00-4440

a. No change in the sewer infrastructure fee is proposed in FY 22. It is currently $4 per unit per month through April 2021. The fee will need to be reauthorized in FY 22.

R3) Transfers from General Fund 52-000-49-00-4901

This line-item represents the non-home rule sales tax transfers from the general fund, used to offset portions of the 2011 Refunding Bond.

E1) Buildings and Grounds Chargeback 52-520-54-00-5453

a. This line-item contains a small portion of personnel costs for Buildings and Grounds employees, as outlined in the chargeback exhibit.

E2) Professional Services 52-520-54-00-5462

a. The increase in this line-item is due to the ERP project.

E3) Scada System 52-520-60-00-6001

a. This project was authorized in the FY 19 budget proposal and began in FY 20. The City has SCADA systems on its water facilities, which allows for remote monitoring and control of industrial facilities. Installing a sewer SCADA system on our sewer lift stations and pump stations will improve safety and prevent backups. This project is expected to be complete in FY 23.

E4) Road to Better Roads Program 52-520-60-00-6025

a. The line item expenditure represents the dollar amount we can fund for sewer infrastructure as part of the program through FY 26.

E5) Equipment (Sewer Dept) 52-520-60-00-6060

a. This line-item contains a new hot water unit for the vacuum truck and a new pipe crawler camera for inspecting sanitary mains. These items were budgeted in FY 21 but were deferred during the pandemic.

E6) Route 71 Expansion 52-520-60-00-6066

a. This line-item represents sewer related local project costs for the Route 71 expansion project. We anticipate this project to be complete in FY 22.

E7) Vehicles 52-520-60-00-6070

a. We have a one-ton pickup truck with a crane planned for replacement in FY 22.

E8) Route 47 Expansion 52-520-60-00-6079

a. This line-item represents all sewer related utility costs associated with the Route 47 expansion project. These amounts are scheduled in equal annual payments for 10 years. By April 2021 the City will have made 103 of its 120 payments.

E9) Transfer to Buildings and Grounds 52-520-99-00-9924

a. This line-item contains future sewer fund transfers to cover the debt service payments on the 2023 bond (PW facility).

Land Cash Fund (72)

R1) All Revenue Line-items with subdivision names (Various account numbers)
   a. All active subdivisions with parks land-cash fees to be paid at time of building permit are represented here.

E1) Prestwick 72-720-60-00-6040
   a. The developer has front funded a modest number of parks land-cash fees, and the first new houses in several years began construction in 2018. The developer has a few more subdivision improvements to complete on the park site before park development and playground install can begin in FY 23.

E2) Blackberry Creek Nature Preserve 72-720-60-00-6067
   a. Blackberry Creek Nature Preserve was part of a land match from the OSLAD Grant program. The City is obligated to do some small development features, such as creating a mowed path, interpretive signage and possibly a small parking lot adjacent to well #8 or pave to connect the trail at well #8. This project was anticipated in FY 19, but staff schedules were shifted to other projects. We anticipate completing this project in FY 22.

Parks and Recreation Fund (79)

R1) Special Events 79-000-44-00-4402
   a. This line-item represents a normal year of all special events run by the Parks and Recreation staff throughout the year, except for Hometown Days which has its own revenue line-item.

R2) Child Development 79-000-44-00-4403
   a. This line-item represents a normal year of a variety of child-focused programs ran by the Parks and Recreation Department, including Preschool and Ready, Set, Go. (2yr. Old Preschool)

R3) Athletics and Fitness 79-000-44-00-4404
   a. This line-item represents a normal year of all athletic programming including Baseball/Softball Leagues, Soccer Leagues, Basketball Leagues, sports camps and classes, and adult fitness classes held at the Van Emmon Activity Center.

R4) Rental Income 79-000-48-00-4820
   a. This line-item includes rental revenue from the leased buildings on Hydraulic in Riverfront Park, and the cell tower lease at Wheaton Woods Park.

R5) Park Rentals 79-000-48-00-4825
   a. The revenue generated by this line item is primarily from baseball and soccer field rentals for tournaments, daily field usage and individual park rentals.

R6) Hometown Days 79-000-48-00-4843
   a. This line-item represents a normal year of Hometown Days programming.

R7) Transfer from General Fund 79-000-490-00-4901

a. The City Council approved a one-time liquidation of the Parks and Recreation Dept fund balance in FY 21, which caused the decrease in FY 21 and return to historical levels in FY 22.

E1) Program Supplies (Recreation) 79-795-56-00-5606

a. This contains most of the expenses related to the Department running a year-round special events, sports leagues, preschool, camps and recreation program schedule. Expenses include sports league equipment, band fees, signage, preschool curriculum needs etc. New expenditures in FY 22 include fireworks for St. Patrick's Day.

Countryside TIF Fund (87)

R1) Property Taxes 87-000-40-00-4000

a. In FY 21, the movie theater paid its sixth full year of property taxes but at a lower amount rate than previous due to a reassessment, Lighthouse Academy paid its fifth full year of property taxes, and the remaining out lots at 520 W Kendall and the building that contains Flight and Burnt Barrel paid their second property taxes. Because of the NCG reassessment, property taxes were less than the debt service on the 2015A bond for the first year in six years. This should temporarily reverse itself in FY 22, as the Holiday Inn and Hacienda Real will pay their first property taxes into the TIF. As noted in the big picture narrative above, the reassessment of the theater and the incompletion of the banquet facility have placed the long-term viability of this TIF in doubt.

Downtown TIF Fund (88)

R1) Property Taxes 88-880-40-00-4000

a. Several properties were taken out of the Downtown TIF #1 in FY 19, but many of them were not generating any increment and did not impact the property taxes received in FY 20 nor FY 21. For conservative budgeting purposes, we've kept the revenue projections level. If the City Council considers a major project within this fund, we would revisit the projections mid-year.

E1) TIF Incentive Payout 88-880-54-00-5425

a. Based on historical payouts, we've set the FY 21figure at ~$27,000. This could change dramatically if the TIF improves.

E2) Legal Services 88-880-54-00-5466

a. This line item represents any legal services used by the City in relation to TIF projects or incentive agreements.

E3) Project Costs 88-880-60-00-6000

a. This line-item is for minor City-initiated projects within the TIF districts.

E4) Route 47 Expansion 88-880-60-00-6079

a. This line-item represents various improvements within the TIF district associated with the Route 47 expansion project. These amounts are scheduled in equal annual payments to be made over a 10-year period. By April 2021, the City will have made 103 of its 120 payments.

E5) Principal Payment 88-880-81-00-8000

E6) Interest Payment 88-880-81-00-8050

a. These line-items represent the short-term debt service payments on the downtown bank building purchase. The City's first debt service payment occurs in FY 19 and the debt should be retired in FY 22.

Downtown TIF II Fund (89)

R1) Property Taxes 89-000-40-00-4000

a. The FY 21 column represents the total increment for all properties in Downtown TIF 2. We have estimated inflationary growth in FY 22 and beyond, plus successful completion of the old jail redevelopment.

E1) Project Costs 89-890-54-00-5425

a. The only project receiving TIF incentives as of FY 22 is the old jail redevelopment. The dollar amounts in the columns in the five-year budget proposal reflect the agreement approved by City Council in Summer 2019.

E2) Legal Services 89-890-54-00-5466

a. This line-item represents all legal costs incurred during the creation of the TIF.

Cash Flow – Surplus (Deficit)

This section of the budget shows the surpluses and deficits for every fund in the entire budget and can be used to see the City's "overall budget" performance. The total at the bottom of the column for each fiscal year is the basis for whether the City's overall budget is running a surplus or deficit.

The FY 21 total projected budget deficit being significantly better than the FY 21 adopted budget surplus is a result of an unexpectedly strong local economy during the recession, receipt of pandemic relief funds, better than expected revenues across a few funds, tight management control of expenditures in all operating funds, and some deferred capital projects. The five-year total budget outlook is significantly improved from last year's budget proposal.

Cash Flow – Fund Balance

This section of the budget is directly related to the "Cash Flow – Surplus (Deficit)" section above. Fund balance, by definition, is the accumulated surplus of the City since its founding, and therefore these amounts represent the approximate amount of projected cash the City should expect to have on hand at the end of each fiscal year.

As we discussed in the big picture narrative, we expect fund balance in the General Fund to stay above 30% through FY 23, although the three TIF district funds will weigh down fund balance to effectively 30% by FYE 22. The Water Fund is stable in the near term and will be in a strong position in FY 24 and beyond due to retirement of debt within the fund. As discussed throughout this budget proposal, the sewer fund runs a modest deficit in FY 22 due to the previous budget proposal's decision to decrease the general fund transfer into the fund. Both enterprise funds are expected to be in strong positions by FY 24.

The total at the bottom of each column represents the City's overall aggregate fund balance. The past few years has benchmarked severe fiscal problems at $4M in aggregate fund balance. Fortunately, years of adhering to conservative budget principles have helped the aggregate fund balance along. Last year, we showed one year (FY 23) at $4.4M in aggregate fund balance, and this year the lowest points are $6.0m in the near term (FY 23) and $5.5m in FY 26.

Allocated Items – Aggregated

This section carries forward from last year, and contains aggregate costs from all departments, including liability insurance, employee health, dental and vision insurance, property taxes, non-abated property taxes, building permit revenue, employee salaries, other capital projects in excess of $500,000, etc.

United City of Yorkville

Revenues & Other Financing Sources by Category

Fiscal Year 2022

FUND	Taxes	Inter-governmental	Licenses & Permits	Fines & Forfeits	Charges for Services	Investment Earnings	Reimb-ursements	Miscel-laneous	Land Cash	Other Financing Sources	Fund Total
General Fund	$ 11,948,111	$ 3,476,805	$ 524,500	$ 116,850	$ 1,784,925	$ 20,000	$ 37,000	$ 95,000	$ -	$ 35,000	$ 18,038,191
Special Revenue Funds											
Motor Fuel Tax	-	1,258,019	-	-	-	2,000	-	-	-	-	1,260,019
Parks and Recreation	-	-	-	-	650,000	250	-	223,709	-	1,768,777	2,642,736
Land Cash	-	-	-	-	-	-	-	-	25,760	-	25,760
Countryside TIF	260,727	-	-	-	-	-	-	-	-	-	260,727
Downtown TIF	70,000	-	-	-	-	-	-	-	-	-	70,000
Downtown TIF II	48,526	-	-	-	-	-	-	-	-	-	48,526
Fox Hill SSA	19,000	-	-	-	-	-	-	-	-	-	19,000
Sunflower SSA	21,000	-	-	-	-	-	-	-	-	-	21,000
Debt Service Fund	-	-	8,000	-	-	-	-	-	-	321,375	329,375
Capital Project Funds											
Vehicle & Equipment	-	-	109,500	7,800	294,830	1,000	102,096	1,000	-	-	516,226
City-Wide Capital	-	-	105,000	-	785,000	500	2,521,322	-	-	1,995,000	5,406,822
Buildings & Grounds	-	-	35,000	-	187,247	3,000	-	2,000	-	9,249,078	9,476,325
Enterprise Funds											
Water	-	-	-	-	4,643,894	3,000	-	102,894	-	180,233	4,930,021
Sewer	-	-	-	-	1,669,853	1,500	-	-	-	586,749	2,258,102
Library Funds											
Library Operations	1,594,024	26,401	-	8,500	12,300	2,000	-	3,750	-	26,993	1,673,968
Library Capital	-	-	50,000	-	-	200	-	-	-	-	50,200
TOTAL REVENUES	**$ 13,961,388**	**$ 4,761,225**	**$ 832,000**	**$ 133,150**	**$ 10,028,049**	**$ 33,450**	**$ 2,660,418**	**$ 428,353**	**$ 25,760**	**$ 14,163,205**	**$ 47,026,998**

United City of Yorkville

Expenditures & Other Financing Uses by Category

Fiscal Year 2022

FUND	Salaries	Benefits	Contractual Services	Supplies	Capital Outlay	Contingency	Debt Service	Other Financing Uses	Fund Total
General Fund	$ 5,576,894	$ 3,462,468	$ 5,744,305	$ 284,030	$ -	$ 75,000	$ -	$ 2,895,494	$ 18,038,191
Special Revenue Funds									
Motor Fuel Tax	-	-	-	138,000	2,297,413	-	-	-	2,435,413
Parks and Recreation	1,239,975	504,129	423,588	548,044	-	-	-	-	2,715,736
Land Cash	-	-	-	-	5,000	-	-	-	5,000
Countryside TIF	-	-	14,223	-	-	-	209,316	-	223,539
Downtown TIF	-	-	68,265	-	17,488	-	206,084	-	291,837
Downtown TIF II	-	-	30,500	-	-	-	-	-	30,500
Fox Hill SSA	-	-	59,200	-	-	-	-	-	59,200
Sunflower SSA	-	-	17,200	-	-	-	-	-	17,200
Debt Service Fund	-	-	475	-	-	-	328,900	-	329,375
Capital Project Funds									
Vehicle & Equipment	-	-	11,100	13,232	1,520,096	-	71,570	-	1,615,998
City-Wide Capital	-	-	234,189	102,500	4,030,151	-	315,338	454,558	5,136,736
Buildings & Grounds	50,117	32,819	307,988	27,000	6,980,000	-	157,033	2,030,000	9,584,957
Enterprise Funds									
Water	526,764	242,893	1,075,631	370,225	2,040,580	-	1,815,830	-	6,071,923
Sewer	267,399	148,791	254,860	65,563	341,309	-	1,300,780	75,675	2,454,377
Library Funds									
Library Operations	482,720	213,363	153,001	25,300	-	-	840,225	-	1,714,609
Library Capital	-	-	3,500	72,000	-	-	-	-	75,500
TOTAL EXPENDITURES	**$ 8,143,869**	**$ 4,604,463**	**$ 8,398,025**	**$ 1,645,894**	**$ 17,232,037**	**$ 75,000**	**$ 5,245,076**	**$ 5,455,727**	**$ 50,800,091**

United City of Yorkville

Fund Balance History

Fiscal Years 2019 - 2026

FUND	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
General Fund	$ 6,879,823	$ 7,512,060	$ 7,322,013	$ 7,512,060	$ 7,512,060	$ 5,764,655	$ 4,324,703	$ 2,200,136	$ (232,945)
Special Revenue Funds									
Motor Fuel Tax	635,382	695,707	345,323	907,742	(267,652)	46,905	(2,453)	(11,559)	-
Parks and Recreation	452,914	411,485	-	73,000	-	-	-	-	-
Land Cash	211,832	247,841	39,244	39,199	59,959	10,313	15,767	21,221	21,221
Countryside TIF	(422,459)	(1,141,784)	(1,209,865)	(1,212,809)	(1,175,621)	(1,125,888)	(1,070,260)	(1,007,098)	(1,093,315)
Downtown TIF	(1,024,518)	(1,237,549)	(1,472,892)	(1,461,542)	(1,683,379)	(1,691,953)	(1,699,774)	(1,710,243)	(1,723,470)
Downtown TIF II	(2,736)	(73,799)	(66,065)	(49,936)	(31,910)	4,829	36,811	70,964	105,899
Fox Hill SSA	10,485	13,492	(15,614)	8,001	(32,199)	(22,899)	(12,539)	321	13,181
Sunflower SSA	(22,626)	(16,200)	(18,630)	(13,037)	(9,237)	(5,437)	(2,077)	1,283	4,643
Debt Service Fund	-	-	-	-	-	-	-	-	-
Capital Project Funds									
Vehicle & Equipment	496,042	511,692	265,013	1,373,182	273,410	250,941	250,941	250,941	250,941
City-Wide Capital	629,429	588,155	78,960	3,679	273,765	-	-	-	-
Buildings & Grounds	-	-	-	-	(108,632)	-	-	-	-
Enterprise Funds *									
Water	3,533,027	3,268,245	1,827,113	3,621,040	2,479,138	1,982,863	3,612,454	4,919,978	6,445,046
Sewer	1,110,251	1,222,388	606,819	845,028	648,753	795,722	1,259,815	1,344,008	1,719,947
Library Funds									
Library Operations	554,271	578,607	557,653	595,417	554,776	501,482	439,061	362,459	365,949
Library Capital	83,260	123,583	104,485	153,233	127,933	102,683	77,433	52,183	51,023
Totals	**$ 13,124,377**	**$ 12,703,923**	**$ 8,363,557**	**$ 12,394,257**	**$ 8,621,164**	**$ 6,614,216**	**$ 7,229,882**	**$ 6,494,594**	**$ 5,928,120**

* Fund Balance Equivalent

United City of Yorkville

Revenues & Other Financing Sources Budget Summary - All Funds

Fiscal Years 2019 - 2026

FUND	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
General Fund	$ 16,422,323	$ 16,637,799	$ 17,336,736	$ 18,524,762	$ 18,038,191	$ 18,340,195	$ 18,684,797	$ 19,032,262	$ 19,372,107
Special Revenue Funds									
Motor Fuel Tax	546,082	785,522	813,861	1,173,068	1,260,019	1,276,602	875,642	895,894	913,492
Parks and Recreation	2,169,060	2,177,839	2,247,300	1,986,661	2,642,736	2,828,789	2,882,396	2,954,859	3,036,551
Land Cash	867,591	41,044	33,858	15,625	25,760	24,354	5,454	5,454	-
Countryside TIF	198,918	203,884	153,965	151,422	260,727	273,002	279,827	286,823	293,994
Downtown TIF	78,434	75,759	76,000	70,677	70,000	75,000	75,000	75,000	75,000
Downtown TIF II	-	25,171	25,000	47,342	48,526	49,739	50,982	52,257	53,563
Fox Hill SSA	13,381	13,382	16,034	16,034	19,000	21,500	24,000	26,500	26,500
Sunflower SSA	15,639	18,140	20,363	20,363	21,000	21,000	22,000	22,000	22,000
Debt Service Fund	324,725	324,025	323,225	323,225	329,375	330,075	-	-	-
Capital Project Funds									
Vehicle & Equipment	491,695	1,074,179	553,323	1,507,634	516,226	682,510	576,688	611,678	691,092
City-Wide Capital	2,858,794	1,319,856	1,381,670	2,850,052	5,406,822	2,323,384	2,218,944	1,214,481	1,422,089
Buildings & Grounds	-	-	-	-	9,476,325	1,016,936	16,016,123	1,937,189	1,941,905
Enterprise Funds									
Water	4,797,761	4,759,975	4,652,087	5,172,763	4,930,021	5,117,808	5,315,705	5,516,798	5,614,636
Sewer	2,423,306	2,217,258	1,817,867	1,872,422	2,258,102	2,703,903	2,884,562	2,928,282	2,981,096
Library Funds									
Library Operations	1,548,772	1,588,431	1,647,343	1,625,446	1,673,968	1,706,420	1,755,835	1,780,976	1,038,002
Library Capital	105,192	109,653	50,500	105,150	50,200	50,250	50,250	50,250	50,250
TOTAL REVENUES & TRANSFERS	**$ 32,861,673**	**$ 31,371,917**	**$ 31,149,132**	**$ 35,462,646**	**$ 47,026,998**	**$ 36,841,467**	**$ 51,718,205**	**$ 37,390,703**	**$ 37,532,277**

United City of Yorkville

Expenditures & Other Financing Uses Budget Summary - All Funds

Fiscal Years 2019 - 2026

FUND	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
General Fund	$ 16,038,880	$ 16,005,561	$ 17,652,382	$ 18,524,762	$ 18,038,191	$ 20,087,600	$ 20,124,749	$ 21,156,829	$ 21,805,188
Special Revenue Funds									
Motor Fuel Tax	609,195	725,197	1,117,462	961,033	2,435,413	962,045	925,000	905,000	901,933
Parks and Recreation	2,189,999	2,219,270	2,616,762	2,325,146	2,715,736	2,828,789	2,882,396	2,954,859	3,036,551
Land Cash	377,555	5,035	240,287	224,267	5,000	74,000	-	-	-
Countryside TIF	161,559	923,209	222,486	222,447	223,539	223,269	224,199	223,661	380,211
Downtown TIF	421,646	288,791	306,052	294,670	291,837	83,574	82,821	85,469	88,227
Downtown TIF II	2,736	96,235	44,500	23,479	30,500	13,000	19,000	18,104	18,628
Fox Hill SSA	9,453	10,374	37,326	21,525	59,200	12,200	13,640	13,640	13,640
Sunflower SSA	17,013	11,713	20,326	17,200	17,200	17,200	18,640	18,640	18,640
Debt Service Fund	324,725	324,025	323,225	323,225	329,375	330,075	-	-	-
Capital Project Funds									
Vehicle & Equipment	352,900	1,058,525	756,294	646,144	1,615,998	704,979	576,688	611,678	691,092
City-Wide Capital	2,618,264	1,361,129	3,669,147	3,434,528	5,136,736	2,597,149	2,218,944	1,214,481	1,422,089
Buildings & Grounds	-	-	-	-	9,584,957	908,304	16,016,123	1,937,189	1,941,905
Enterprise Funds									
Water	3,848,997	5,024,758	5,828,132	4,819,968	6,071,923	5,614,083	3,686,114	3,860,455	3,741,879
Sewer	2,724,110	2,105,121	2,286,552	2,249,782	2,454,377	2,556,934	2,420,469	2,844,089	2,605,157
Library Fund									
Library Operations	1,504,857	1,564,096	1,664,378	1,608,636	1,714,609	1,759,714	1,818,256	1,857,578	1,034,512
Library Capital	80,375	69,330	75,500	75,500	75,500	75,500	75,500	75,500	51,410
TOTAL EXPENDITURES & TRANSFERS	**$ 31,282,264**	**$ 31,792,369**	**$ 36,860,811**	**$ 35,772,312**	**$ 50,800,091**	**$ 38,848,415**	**$ 51,102,539**	**$ 37,777,172**	**$ 37,751,062**

United City of Yorkville
Fiscal Year 2022 Budget
Fund Balance Summary

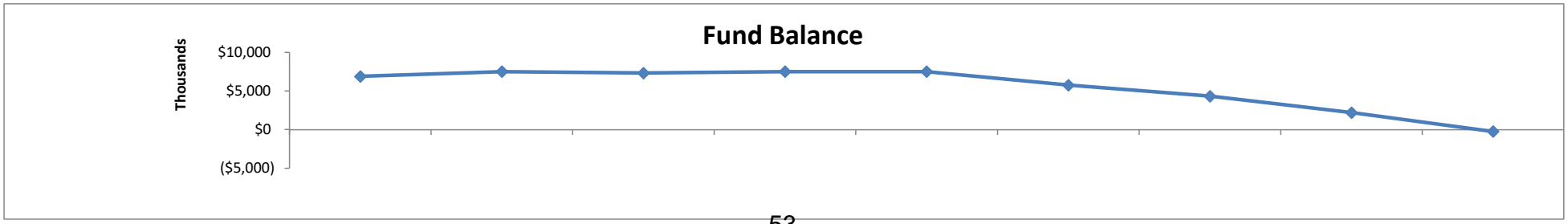
FUND	Beginning Fund Balance	Budgeted Revenues		Budgeted Expenditures	Budgeted Financing Sources(Uses)	Surplus (Deficit)	Ending Fund Balance
General Fund	$ 7,512,060	$ 18,003,191		$ 15,142,697	$ (2,860,494)	$ -	$ 7,512,060
Special Revenue Funds							
Motor Fuel Tax	907,742	1,260,019		2,435,413	-	(1,175,394)	(267,652)
Parks and Recreation	73,000	873,959		2,715,736	1,768,777	(73,000)	-
Land Cash	39,199	25,760		5,000	-	20,760	59,959
Countryside TIF	(1,212,809)	260,727		223,539	-	37,188	(1,175,621)
Downtown TIF	(1,461,542)	70,000		291,837	-	(221,837)	(1,683,379)
Downtown TIF II	(49,936)	48,526		30,500	-	18,026	(31,910)
Fox Hill SSA	8,001	19,000		59,200	-	(40,200)	(32,199)
Sunflower SSA	(13,037)	21,000		17,200	-	3,800	(9,237)
Debt Service Fund	-	8,000		329,375	321,375	-	-
Capital Project Funds							
Vehicle & Equipment	1,373,182	516,226		1,615,998	-	(1,099,772)	273,410
City-Wide Capital	3,679	3,411,822	#	4,682,178	1,540,442	270,086	273,765
Buildings & Grounds	-	227,247		7,554,957	7,219,078	(108,632)	(108,632)
Enterprise Funds *							
Water	3,621,040	4,749,788		6,071,923	180,233	(1,141,902)	2,479,138
Sewer	845,028	1,671,353		2,378,702	511,074	(196,275)	648,753
Library Funds							
Library Operations	595,417	1,646,975		1,714,609	26,993	(40,641)	554,776
Library Capital	153,233	50,200		75,500	-	(25,300)	127,933
Totals	**$ 12,394,257**	**$ 32,863,793**		**$ 45,344,364**	**$ 8,707,478**	**$ (3,773,093)**	**$ 8,621,164**

* Fund Balance Equivalent

GENERAL FUND (01)

The General Fund is the City's primary operating fund. It accounts for major tax revenue used to support administrative and public safety functions.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 11,232,397	$ 11,378,438	$ 11,640,828	$ 11,499,918	$ 11,948,111	$ 12,226,250	$ 12,432,524	$ 12,646,959	$ 12,864,580
Intergovernmental	2,725,393	2,742,091	3,173,484	4,426,998	3,476,805	3,541,385	3,611,508	3,678,751	3,748,664
Licenses & Permits	552,416	490,959	474,500	489,500	524,500	474,500	474,500	474,500	474,500
Fines & Forfeits	100,726	73,872	113,000	100,300	116,850	116,850	116,850	116,850	116,850
Charges for Service	1,598,662	1,670,693	1,702,046	1,722,146	1,784,925	1,831,210	1,879,415	1,930,202	1,982,513
Investment Earnings	90,321	147,836	89,878	15,000	20,000	40,000	75,000	90,000	90,000
Reimbursements	66,824	76,923	88,000	58,900	37,000	37,000	37,000	37,000	37,000
Miscellaneous	25,667	24,895	20,000	77,000	95,000	38,000	23,000	23,000	23,000
Total Revenues	**$ 16,392,406**	**$ 16,605,707**	**$ 17,301,736**	**$ 18,389,762**	**$ 18,003,191**	**$ 18,305,195**	**$ 18,649,797**	**$ 18,997,262**	**$ 19,337,107**
Other Financing Sources	29,917	32,092	35,000	135,000	35,000	35,000	35,000	35,000	35,000
Total Revenues and Transfers	**$ 16,422,323**	**$ 16,637,799**	**$ 17,336,736**	**$ 18,524,762**	**$ 18,038,191**	**$ 18,340,195**	**$ 18,684,797**	**$ 19,032,262**	**$ 19,372,107**
Expenditures									
Salaries	$ 4,726,744	$ 5,209,011	$ 5,457,149	$ 5,006,250	$ 5,576,894	$ 5,739,325	$ 5,907,947	$ 6,076,176	$ 6,249,441
Benefits	2,901,328	3,086,254	3,385,413	3,200,474	3,462,468	3,708,170	3,919,114	4,142,058	4,343,660
Contractual Services	5,038,155	4,800,124	6,252,402	6,324,725	5,744,305	5,934,323	5,772,239	5,892,764	6,045,659
Supplies	332,370	343,632	285,581	277,244	284,030	273,925	286,724	291,560	299,517
Contingency	-	-	80,000	302,000	75,000	75,000	75,000	75,000	75,000
Total Expenditures	**$ 12,998,597**	**$ 13,439,021**	**$ 15,460,545**	**$ 15,110,693**	**$ 15,142,697**	**$ 15,730,743**	**$ 15,961,024**	**$ 16,477,558**	**$ 17,013,277**
Other Financing Uses	3,040,283	2,566,540	2,191,837	3,414,069	2,895,494	4,356,857	4,163,725	4,679,271	4,791,911
Total Expenditures & Transfers	**$ 16,038,880**	**$ 16,005,561**	**$ 17,652,382**	**$ 18,524,762**	**$ 18,038,191**	**$ 20,087,600**	**$ 20,124,749**	**$ 21,156,829**	**$ 21,805,188**
Surplus (Deficit)	$ 383,443	$ 632,238	$ (315,646)	$ -	$ -	$ (1,747,405)	$ (1,439,952)	$ (2,124,567)	$ (2,433,081)
Ending Fund Balance	**$ 6,879,823**	**$ 7,512,060**	**$ 7,322,013**	**$ 7,512,060**	**$ 7,512,060**	**$ 5,764,655**	**$ 4,324,703**	**$ 2,200,136**	**$ (232,945)**
	42.89%	*46.93%*	*41.48%*	*40.55%*	*41.65%*	*28.70%*	*21.49%*	*10.40%*	*-1.07%*



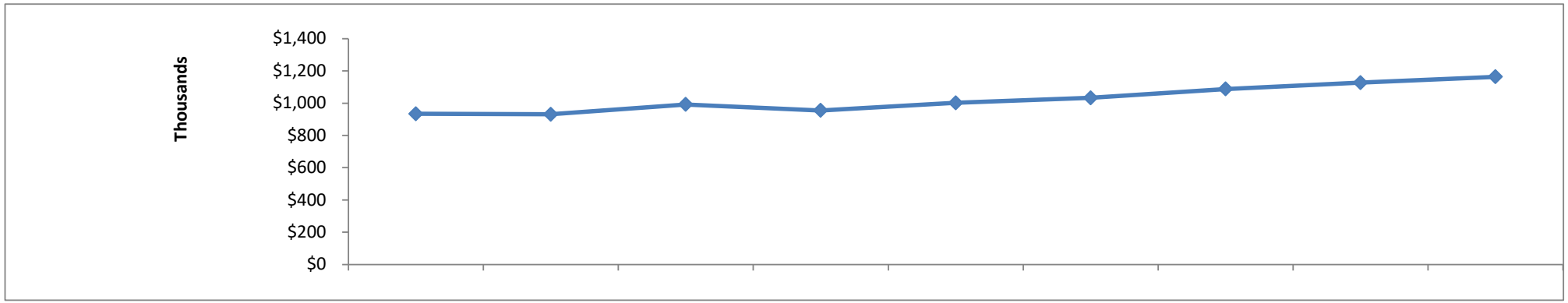
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
GENERAL FUND - 01										
01-000-40-00-4000	PROPERTY TAXES - CORPORATE LEVY	$ 2,191,159	$ 2,123,744	$ 2,107,099	$ 2,100,975	$ 2,091,475	$ 2,076,475	$ 2,086,475	$ 2,101,475	$ 2,141,475
01-000-40-00-4010	PROPERTY TAXES - POLICE PENSION	958,476	1,108,182	1,230,604	1,226,938	1,334,771	1,434,771	1,509,771	1,584,771	1,634,771
01-000-40-00-4030	MUNICIPAL SALES TAX	3,070,663	3,222,256	3,284,400	3,430,000	3,498,600	3,568,572	3,639,943	3,712,742	3,786,997
01-000-40-00-4035	NON-HOME RULE SALES TAX	2,358,568	2,413,689	2,493,900	2,530,000	2,580,600	2,632,212	2,684,856	2,738,553	2,793,324
01-000-40-00-4040	ELECTRIC UTILITY TAX	730,949	700,784	715,000	715,000	715,000	715,000	715,000	715,000	715,000
01-000-40-00-4041	NATURAL GAS UTILITY TAX	277,380	270,656	265,000	270,000	270,000	270,000	270,000	270,000	270,000
01-000-40-00-4043	EXCISE TAX	329,742	263,210	246,075	232,500	220,875	209,831	199,339	189,372	179,903
01-000-40-00-4044	TELEPHONE UTILITY TAX	8,340	8,340	8,340	8,340	8,340	8,340	8,340	8,340	8,340
01-000-40-00-4045	CABLE FRANCHISE FEES	301,100	302,831	300,000	290,000	300,000	300,000	300,000	300,000	300,000
01-000-40-00-4050	HOTEL TAX	77,563	80,302	80,000	60,000	80,000	80,000	80,000	80,000	80,000
01-000-40-00-4055	VIDEO GAMING TAX	145,734	131,292	140,000	90,000	140,000	140,000	140,000	140,000	140,000
01-000-40-00-4060	AMUSEMENT TAX	208,315	196,786	205,000	70,000	125,000	200,000	200,000	200,000	200,000
01-000-40-00-4065	ADMISSIONS TAX	148,133	146,143	145,000	58,105	145,000	145,000	145,000	145,000	145,000
01-000-40-00-4070	BUSINESS DISTRICT TAX - KENDALL MRKT	362,874	345,185	365,160	372,500	379,950	387,549	395,300	403,206	411,270
01-000-40-00-4071	BUSINESS DISTRICT TAX - DOWNTOWN	37,075	33,641	30,000	25,000	30,000	30,000	30,000	30,000	30,000
01-000-40-00-4072	BUSINESS DISTRICT TAX - COUNTRYSIDE	10,436	14,516	10,000	10,000	12,000	12,000	12,000	12,000	12,000
01-000-40-00-4075	AUTO RENTAL TAX	15,890	16,881	15,250	10,560	16,500	16,500	16,500	16,500	16,500
01-000-41-00-4100	STATE INCOME TAX	1,966,699	1,870,977	1,897,310	2,105,735	2,336,774	2,383,509	2,431,179	2,479,803	2,529,399
01-000-41-00-4105	LOCAL USE TAX	578,328	665,636	675,281	808,435	937,660	956,413	975,541	995,052	1,014,953
01-000-41-00-4106	CANNABIS EXCISE TAX	-	4,009	15,218	13,315	19,596	19,988	20,388	20,796	21,212
01-000-41-00-4110	ROAD & BRIDGE TAX	128,668	131,199	130,000	52,363	130,000	130,000	130,000	130,000	130,000
01-000-41-00-4120	PERSONAL PROPERTY TAX	16,154	17,683	16,500	15,000	16,500	16,500	16,500	16,500	16,500
01-000-41-00-4160	FEDERAL GRANTS	13,553	20,534	418,175	1,400,965	15,275	13,975	16,900	15,600	15,600
01-000-41-00-4168	STATE GRANTS - TRAFFIC SIGNAL MAINTENANCE	18,695	18,553	20,000	30,292	20,000	20,000	20,000	20,000	20,000
01-000-41-00-4170	STATE GRANTS	2,413	11,639	-	-	-	-	-	-	-
01-000-41-00-4182	MISC INTERGOVERNMENTAL	883	1,861	1,000	893	1,000	1,000	1,000	1,000	1,000
01-000-42-00-4200	LIQUOR LICENSES	65,819	48,671	65,000	30,000	65,000	65,000	65,000	65,000	65,000
01-000-42-00-4205	OTHER LICENSES & PERMITS	10,395	9,797	9,500	9,500	9,500	9,500	9,500	9,500	9,500
01-000-42-00-4210	BUILDING PERMITS	476,202	432,491	400,000	450,000	450,000	400,000	400,000	400,000	400,000
01-000-43-00-4310	CIRCUIT COURT FINES	37,822	34,975	40,000	25,000	35,000	35,000	35,000	35,000	35,000
01-000-43-00-4320	ADMINISTRATIVE ADJUDICATION	26,275	23,142	27,500	10,000	26,500	26,500	26,500	26,500	26,500
01-000-43-00-4323	OFFENDER REGISTRATION FEES	420	255	500	300	350	350	350	350	350
01-000-43-00-4325	POLICE TOWS	36,209	15,500	45,000	65,000	55,000	55,000	55,000	55,000	55,000
01-000-44-00-4400	GARBAGE SURCHARGE	1,203,851	1,270,622	1,297,650	1,342,500	1,376,063	1,417,345	1,459,865	1,503,661	1,548,771
01-000-44-00-4405	UB COLLECTION FEES	178,775	168,662	165,000	165,000	165,000	165,000	165,000	165,000	165,000
01-000-44-00-4407	LATE PENALTIES - GARBAGE	21,649	20,958	25,000	-	21,000	21,000	21,000	21,000	21,000
01-000-44-00-4415	ADMINISTRATIVE CHARGEBACK	194,387	204,836	213,896	213,896	222,362	227,365	233,050	240,041	247,242
01-000-44-00-4474	POLICE SPECIAL DETAIL	-	5,615	500	750	500	500	500	500	500
01-000-45-00-4500	INVESTMENT EARNINGS	90,321	107,884	89,878	15,000	20,000	40,000	75,000	90,000	90,000

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
01-000-45-00-4550	GAIN ON INVESTMENT	-	39,952	-	-	-	-	-	-	-
01-000-46-00-4604	REIMB - ENGINEERING EXPENSES	-	13,568	25,000	10,000	10,000	10,000	10,000	10,000	10,000
01-000-46-00-4680	REIMB - LIABILITY INSURANCE	2,809	10,112	15,000	15,000	15,000	15,000	15,000	15,000	15,000
01-000-46-00-4685	REIMB - CABLE CONSORTIUM	36,358	11,647	36,000	-	-	-	-	-	-
01-000-46-00-4690	REIMB - MISCELLANEOUS	27,657	41,596	12,000	33,900	12,000	12,000	12,000	12,000	12,000
01-000-48-00-4820	RENTAL INCOME	7,435	6,370	7,000	4,000	7,000	7,000	7,000	7,000	7,000
01-000-48-00-4850	MISCELLANEOUS INCOME	18,232	18,525	13,000	73,000	88,000	31,000	16,000	16,000	16,000
	General Fund Revenues	**$ 16,392,406**	**$ 16,605,707**	**$ 17,301,736**	**$ 18,389,762**	**$ 18,003,191**	**$ 18,305,195**	**$ 18,649,797**	**$ 18,997,262**	**$ 19,337,107**
01-000-49-00-4916	TRANSFER FROM CW MUNICIPAL BUILDING	29,917	32,092	35,000	135,000	35,000	35,000	35,000	35,000	35,000
	Other Financing Sources	**$ 29,917**	**$ 32,092**	**$ 35,000**	**$ 135,000**	**$ 35,000**	**$ 35,000**	**$ 35,000**	**$ 35,000**	**$ 35,000**
	Total General Fund Revenues & Transfers	**$ 16,422,323**	**$ 16,637,799**	**$ 17,336,736**	**$ 18,524,762**	**$ 18,038,191**	**$ 18,340,195**	**$ 18,684,797**	**$ 19,032,262**	**$ 19,372,107**

ADMINISTRATION DEPARTMENT

The Administration Department includes both elected official and management expenditures. The executive and legislative branches consist of the Mayor and an eight member City Council. The city administrator is hired by the Mayor with the consent of the City Council. City staff report to the city administrator. It is the role of the city administrator to direct staff in the daily administration of City services.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ 572,048	$ 581,285	$ 611,747	$ 599,000	$ 626,473	$ 639,241	$ 686,547	$ 705,557	$ 725,127
Benefits	216,185	202,728	211,572	207,624	207,071	218,366	231,086	245,011	258,188
Contractual Services	135,229	138,576	150,031	136,314	158,837	165,653	160,504	166,858	170,448
Supplies	10,280	8,727	19,000	12,000	10,000	10,000	10,000	10,000	10,000
Total Administration	**$ 933,742**	**$ 931,316**	**$ 992,350**	**$ 954,938**	**$ 1,002,381**	**$ 1,033,260**	**$ 1,088,137**	**$ 1,127,426**	**$ 1,163,763**

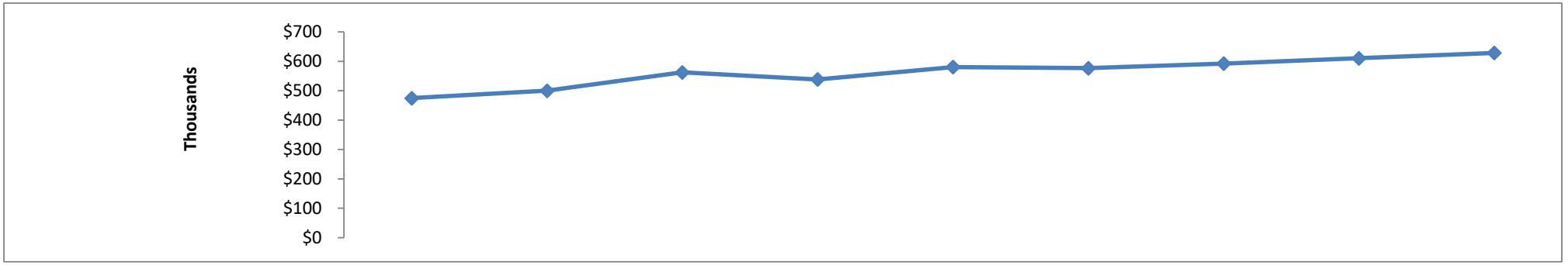


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Administration										
01-110-50-00-5001	SALARIES - MAYOR	$ 9,570	$ 9,673	$ 10,500	$ 10,000	$ 10,000	$ 10,000	$ 18,000	$ 18,288	$ 18,582
01-110-50-00-5002	SALARIES - LIQUOR COMM	1,000	965	1,000	1,000	1,000	1,000	1,000	1,000	1,000
01-110-50-00-5003	SALARIES - CITY CLERK	7,087	100	-	-	-	-	-	-	-
01-110-50-00-5005	SALARIES - ALDERMAN	46,825	46,454	50,000	48,000	48,000	48,000	72,800	73,680	74,578
01-110-50-00-5010	SALARIES - ADMINISTRATION	507,566	524,093	550,247	540,000	567,473	580,241	594,747	612,589	630,967
01-110-52-00-5212	RETIREMENT PLAN CONTRIBUTION	51,208	51,596	62,251	62,251	63,746	66,438	69,823	73,511	75,716
01-110-52-00-5214	FICA CONTRIBUTION	38,889	40,408	43,010	43,010	44,356	45,354	46,488	47,883	49,319
01-110-52-00-5216	GROUP HEALTH INSURANCE	116,611	101,313	97,664	93,862	89,929	97,123	104,893	113,284	122,347
01-110-52-00-5222	GROUP LIFE INSURANCE	494	428	428	428	432	436	440	444	448
01-110-52-00-5223	DENTAL INSURANCE	7,853	7,853	7,089	6,943	7,444	7,816	8,207	8,617	9,048
01-110-52-00-5224	VISION INSURANCE	1,130	1,130	1,130	1,130	1,164	1,199	1,235	1,272	1,310
01-110-54-00-5410	TUITION REIMBURSEMENT	12,864	-	-	-	-	-	-	-	-
01-110-54-00-5412	TRAINING & CONFERENCES	10,167	14,113	16,000	8,000	17,000	17,000	17,000	17,000	17,000
01-110-54-00-5415	TRAVEL & LODGING	6,952	12,684	10,000	-	10,000	10,000	10,000	10,000	10,000
01-110-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	2,081	10,421	-	1,125	3,336	7,718	-	3,645	4,375
01-110-54-00-5426	PUBLISHING & ADVERTISING	2,269	2,734	4,000	7,500	5,000	5,000	5,000	5,000	5,000
01-110-54-00-5430	PRINTING & DUPLICATING	2,456	3,108	3,250	3,250	3,250	3,250	3,250	3,250	3,250
01-110-54-00-5440	TELECOMMUNICATIONS	17,788	20,995	22,300	22,300	22,300	22,300	22,300	22,300	22,300
01-110-54-00-5448	FILING FEES	183	53	500	500	500	500	500	500	500
01-110-54-00-5451	CODIFICATION	7,808	2,023	10,000	10,000	10,000	10,000	10,000	10,000	10,000
01-110-54-00-5452	POSTAGE & SHIPPING	1,518	2,054	3,000	1,750	3,000	3,000	3,000	3,000	3,000
01-110-54-00-5460	DUES & SUBSCRIPTIONS	21,775	22,254	22,000	22,000	22,000	22,000	22,000	22,000	22,000
01-110-54-00-5462	PROFESSIONAL SERVICES	6,791	5,576	12,000	12,000	12,000	12,000	12,000	12,000	12,000
01-110-54-00-5480	UTILITIES	29,317	28,357	31,800	31,800	33,708	35,730	37,874	40,146	42,555
01-110-54-00-5485	RENTAL & LEASE PURCHASE	1,844	2,597	3,000	3,000	3,000	3,000	3,000	3,000	3,000
01-110-54-00-5488	OFFICE CLEANING	11,416	11,607	12,181	13,089	13,743	14,155	14,580	15,017	15,468
01-110-56-00-5610	OFFICE SUPPLIES	10,280	8,727	19,000	12,000	10,000	10,000	10,000	10,000	10,000
	Administration Department Expenditures	**$ 933,742**	**$ 931,316**	**$ 992,350**	**$ 954,938**	**$ 1,002,381**	**$ 1,033,260**	**$ 1,088,137**	**$ 1,127,426**	**$ 1,163,763**

FINANCE DEPARTMENT

The Finance Department is responsible for the accounting, internal controls, external reporting and auditing of all financial transactions. The Finance Department is in charge of preparing for the annual audit, utility billing, receivables, payables, treasury management and payroll and works with administration in the preparation of the annual budget. Personnel are budgeted in the General and Water Funds.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ 272,575	$ 291,239	$ 324,856	$ 297,500	$ 336,735	$ 323,862	$ 331,959	$ 341,918	$ 352,176
Benefits	112,499	110,722	123,295	112,298	124,100	128,658	136,299	144,651	152,632
Contractual Services	88,505	96,488	111,857	126,129	117,275	121,432	121,490	121,551	121,472
Supplies	1,345	1,519	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Total Finance	**$ 474,924**	**$ 499,968**	**$ 562,508**	**$ 538,427**	**$ 580,610**	**$ 576,452**	**$ 592,248**	**$ 610,620**	**$ 628,780**

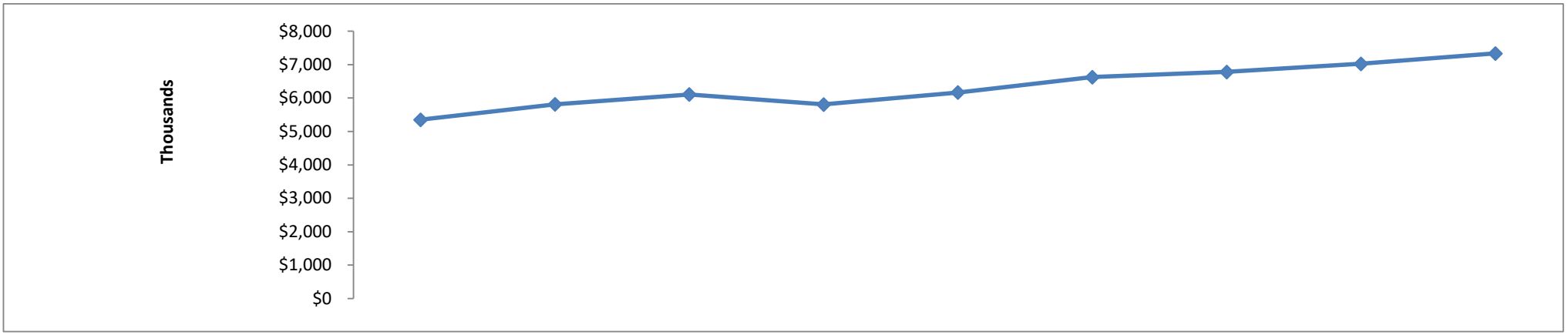


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Finance										
01-120-50-00-5010	SALARIES & WAGES	$ 272,575	$ 291,239	$ 324,856	$ 297,500	$ 336,735	$ 323,862	$ 331,959	$ 341,918	$ 352,176
01-120-52-00-5212	RETIREMENT PLAN CONTRIBUTION	27,428	28,738	36,752	34,500	37,826	37,082	38,972	41,030	42,261
01-120-52-00-5214	FICA CONTRIBUTION	19,526	20,882	23,420	22,500	24,357	24,905	25,528	26,294	27,083
01-120-52-00-5216	GROUP HEALTH INSURANCE	59,400	54,957	57,566	50,145	56,106	60,594	65,442	70,677	76,331
01-120-52-00-5222	GROUP LIFE INSURANCE	246	246	246	232	248	250	253	256	259
01-120-52-00-5223	DENTAL INSURANCE	5,192	5,192	4,604	4,253	4,834	5,076	5,330	5,597	5,877
01-120-52-00-5224	VISION INSURANCE	707	707	707	668	729	751	774	797	821
01-120-54-00-5412	TRAINING & CONFERENCES	2,432	1,257	3,500	3,500	3,500	3,500	3,500	3,500	3,500
01-120-54-00-5414	AUDITING SERVICES	29,800	30,600	31,400	31,400	35,900	40,000	40,000	40,000	40,000
01-120-54-00-5415	TRAVEL & LODGING	160	188	600	-	600	600	600	600	600
01-120-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	-	1,900	1,957	1,454	1,895	1,952	2,010	2,071	1,992
01-120-54-00-5430	PRINTING & DUPLICATING	2,804	3,182	3,500	3,500	3,500	3,500	3,500	3,500	3,500
01-120-54-00-5440	TELECOMMUNICATIONS	1,165	941	1,000	1,675	1,980	1,980	1,980	1,980	1,980
01-120-54-00-5452	POSTAGE & SHIPPING	991	1,015	1,200	1,200	1,200	1,200	1,200	1,200	1,200
01-120-54-00-5460	DUES & SUBSCRIPTIONS	1,165	1,071	1,500	1,200	1,500	1,500	1,500	1,500	1,500
01-120-54-00-5462	PROFESSIONAL SERVICES	48,322	54,792	65,000	80,000	65,000	65,000	65,000	65,000	65,000
01-120-54-00-5485	RENTAL & LEASE PURCHASE	1,666	1,542	2,200	2,200	2,200	2,200	2,200	2,200	2,200
01-120-56-00-5610	OFFICE SUPPLIES	1,345	1,519	2,500	2,500	2,500	2,500	2,500	2,500	2,500
	Finance Department Expenditures	**$ 474,924**	**$ 499,968**	**$ 562,508**	**$ 538,427**	**$ 580,610**	**$ 576,452**	**$ 592,248**	**$ 610,620**	**$ 628,780**

POLICE DEPARTMENT

The mission of the Yorkville Police Department is to work in partnership with the community to protect life and property, assist neighborhoods with solving their problems and enhance the quality of life in our City.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ 3,000,199	$ 3,410,082	$ 3,434,608	$ 3,115,500	$ 3,454,778	$ 3,592,059	$ 3,676,585	$ 3,780,553	$ 3,887,639
Benefits	1,878,152	2,037,600	2,205,107	2,104,183	2,242,577	2,428,390	2,565,720	2,708,973	2,831,623
Contractual Services	288,525	248,963	355,525	479,733	355,804	488,543	414,126	405,481	479,745
Supplies	184,259	117,129	113,480	108,619	114,898	116,662	127,182	129,579	134,926
Total Police	**$ 5,351,135**	**$ 5,813,774**	**$ 6,108,720**	**$ 5,808,035**	**$ 6,168,057**	**$ 6,625,654**	**$ 6,783,613**	**$ 7,024,586**	**$ 7,333,933**



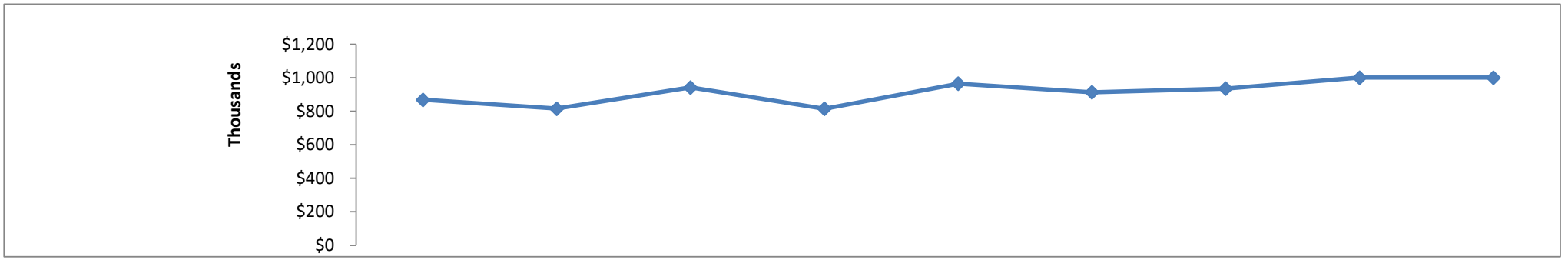
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Police										
01-210-50-00-5008	SALARIES - POLICE OFFICERS	$ 1,683,202	$ 1,881,771	$ 1,981,203	$ 1,950,000	$ 1,975,199	$ 2,083,937	$ 2,136,035	$ 2,200,116	$ 2,266,119
01-210-50-00-5011	SALARIES - COMMAND STAFF	445,280	474,577	394,401	392,000	525,732	537,561	551,000	567,530	584,556
01-210-50-00-5012	SALARIES - SERGEANTS	552,940	691,635	664,437	400,000	559,921	572,519	586,832	604,437	622,570
01-210-50-00-5013	SALARIES - POLICE CLERKS	162,466	170,286	183,567	170,000	182,926	187,042	191,718	197,470	203,394
01-210-50-00-5014	SALARIES - CROSSING GUARD	29,460	26,914	30,000	22,500	30,000	30,000	30,000	30,000	30,000
01-210-50-00-5015	PART-TIME SALARIES	34,390	67,160	70,000	70,000	70,000	70,000	70,000	70,000	70,000
01-210-50-00-5020	OVERTIME	92,461	97,739	111,000	111,000	111,000	111,000	111,000	111,000	111,000
01-210-52-00-5212	RETIREMENT PLAN CONTRIBUTION	16,262	16,734	20,767	20,000	20,549	21,416	22,508	23,696	24,407
01-210-52-00-5213	EMPLOYER CONTRIBUTION - POLICE PENSION	963,361	1,111,484	1,230,604	1,230,604	1,334,771	1,434,771	1,509,771	1,584,771	1,634,771
01-210-52-00-5214	FICA CONTRIBUTION	219,536	247,668	253,963	230,000	257,542	267,768	274,462	282,696	291,177
01-210-52-00-5216	GROUP HEALTH INSURANCE	624,253	609,034	648,780	577,674	581,664	652,186	704,361	760,710	821,567
01-210-52-00-5222	GROUP LIFE INSURANCE	2,281	2,557	2,714	2,562	2,672	2,783	2,811	2,839	2,867
01-210-52-00-5223	DENTAL INSURANCE	46,051	43,911	41,677	37,278	39,212	42,864	45,007	47,257	49,620
01-210-52-00-5224	VISION INSURANCE	6,408	6,212	6,602	6,065	6,167	6,602	6,800	7,004	7,214
01-210-54-00-5410	TUITION REIMBURSEMENT	10,050	8,444	15,000	15,000	13,350	3,750	-	-	-
01-210-54-00-5411	POLICE COMMISSION	9,846	5,611	17,250	17,250	5,780	7,780	18,000	8,000	6,000
01-210-54-00-5412	TRAINING & CONFERENCE	27,103	14,767	25,500	25,500	24,500	24,500	24,500	24,500	24,500
01-210-54-00-5415	TRAVEL & LODGING	1,713	1,938	10,000	2,000	10,000	10,000	10,000	10,000	10,000
01-210-54-00-5422	VEHICLE & EQUIPMENT CHARGEBACK	77,158	24,032	88,344	218,344	91,732	215,950	150,950	150,950	215,950
01-210-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	6,115	15,714	-	-	3,336	19,043	2,729	3,645	14,456
01-210-54-00-5430	PRINTING & DUPLICATING	3,402	5,243	5,000	5,000	5,000	5,000	5,000	5,000	5,000
01-210-54-00-5440	TELECOMMUNICATIONS	42,738	45,828	42,000	42,000	43,500	43,500	43,500	43,500	43,500
01-210-54-00-5452	POSTAGE & SHIPPING	1,187	998	1,200	1,200	1,200	1,200	1,200	1,200	1,200
01-210-54-00-5460	DUES & SUBSCRIPTIONS	10,490	12,713	10,700	12,000	10,700	10,700	10,700	10,700	10,700
01-210-54-00-5462	PROFESSIONAL SERVICES	21,328	27,228	36,750	36,750	39,950	39,950	39,950	39,950	39,950
01-210-54-00-5467	ADJUDICATION SERVICES	12,925	16,265	20,000	20,000	20,750	20,750	20,750	20,750	20,750
01-210-54-00-5469	NEW WORLD & LIVE SCAN	-	-	2,000	2,000	2,000	2,000	2,000	2,000	2,000
01-210-54-00-5472	KENDALL CO JUVE PROBATION	3,717	4,000	4,000	4,000	4,600	4,600	4,600	4,600	4,600
01-210-54-00-5485	RENTAL & LEASE PURCHASE	5,702	5,205	5,600	5,600	5,600	5,600	5,600	5,600	5,600
01-210-54-00-5488	OFFICE CLEANING	11,416	11,607	12,181	13,089	13,806	14,220	14,647	15,086	15,539
01-210-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	43,635	49,370	60,000	60,000	60,000	60,000	60,000	60,000	60,000
01-210-56-00-5600	WEARING APPAREL	29,110	22,820	15,000	15,000	15,000	15,000	15,000	15,000	15,000
01-210-56-00-5610	OFFICE SUPPLIES	2,665	2,865	4,500	4,500	4,500	4,500	4,500	4,500	4,500
01-210-56-00-5620	OPERATING SUPPLIES	79,069	19,864	16,500	16,500	16,500	16,500	16,500	16,500	16,500
01-210-56-00-5650	COMMUNITY SERVICES	1,446	1,579	1,500	1,500	3,000	3,000	3,000	3,000	3,000

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
01-210-56-00-5690	BALLISTIC VESTS	7,350	4,659	3,850	3,850	4,550	1,950	7,800	5,200	5,200
01-210-56-00-5695	GASOLINE	54,704	55,494	63,130	58,269	62,348	66,712	71,382	76,379	81,726
01-210-56-00-5696	AMMUNITION	9,915	9,848	9,000	9,000	9,000	9,000	9,000	9,000	9,000
	Police Department Expenditures	**$ 5,351,135**	**$ 5,813,774**	**$ 6,108,720**	**$ 5,808,035**	**$ 6,168,057**	**$ 6,625,654**	**$ 6,783,613**	**$ 7,024,586**	**$ 7,333,933**

COMMUNITY DEVELOPMENT DEPARTMENT

The primary focus of the Community Development Department is to ensure that all existing and new construction is consistent with the overall development goals of the City which entails short and long-range planning, administration of zoning regulations, building permits issuance and code enforcement. The department also provides staff support to the City Council, Plan Commission, Zoning Board of Appeals and Park Board and assists in the review of all development plans proposed within the United City of Yorkville.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ 467,435	$ 507,395	$ 535,995	$ 533,500	$ 561,611	$ 574,247	$ 588,603	$ 606,261	$ 624,449
Benefits	166,052	189,680	201,768	183,944	200,349	211,314	223,670	237,190	249,956
Contractual Services	227,722	106,863	194,700	83,200	191,980	116,689	111,649	145,450	113,950
Supplies	7,836	12,412	9,691	14,941	11,252	11,585	11,941	12,322	12,730
Total Community Development	**$ 869,045**	**$ 816,350**	**$ 942,154**	**$ 815,585**	**$ 965,192**	**$ 913,835**	**$ 935,863**	**$ 1,001,223**	**$ 1,001,085**

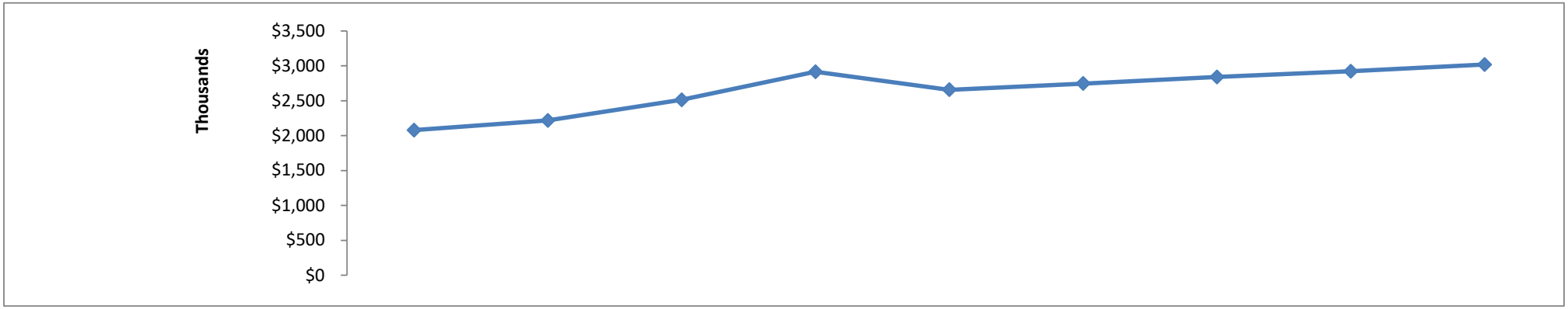


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Community Development										
01-220-50-00-5010	SALARIES & WAGES	$ 467,435	$ 507,395	$ 535,995	$ 533,500	$ 561,611	$ 574,247	$ 588,603	$ 606,261	$ 624,449
01-220-52-00-5212	RETIREMENT PLAN CONTRIBUTION	46,722	50,185	60,639	61,100	63,087	65,751	69,102	72,751	74,934
01-220-52-00-5214	FICA CONTRIBUTION	34,486	37,593	39,552	39,552	41,374	42,305	43,363	44,664	46,004
01-220-52-00-5216	GROUP HEALTH INSURANCE	77,686	93,330	93,545	75,420	87,238	94,217	101,754	109,894	118,686
01-220-52-00-5222	GROUP LIFE INSURANCE	375	439	446	420	436	440	444	448	452
01-220-52-00-5223	DENTAL INSURANCE	5,893	7,052	6,505	6,371	7,065	7,418	7,789	8,178	8,587
01-220-52-00-5224	VISION INSURANCE	890	1,081	1,081	1,081	1,149	1,183	1,218	1,255	1,293
01-220-54-00-5412	TRAINING & CONFERENCES	4,645	1,624	7,300	7,300	7,300	7,300	7,300	7,300	7,300
01-220-54-00-5415	TRAVEL & LODGING	4,713	40	6,500	-	6,500	6,500	6,500	6,500	6,500
01-220-54-00-5422	VEHICLE & EQUIPMENT CHARGEBACK	44,985	-	-	-	-	-	-	-	-
01-220-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	-	3,115	-	-	-	6,239	1,199	35,000	3,500
01-220-54-00-5426	PUBLISHING & ADVERTISING	3,433	2,308	2,500	2,500	2,500	2,500	2,500	2,500	2,500
01-220-54-00-5430	PRINTING & DUPLICATING	1,254	1,110	1,500	1,500	1,500	1,500	1,500	1,500	1,500
01-220-54-00-5440	TELECOMMUNICATIONS	3,914	3,229	4,000	4,000	4,000	4,000	4,000	4,000	4,000
01-220-54-00-5452	POSTAGE & SHIPPING	687	324	500	500	500	1,000	1,000	1,000	1,000
01-220-54-00-5459	INSPECTIONS	102,073	40,010	70,000	45,000	70,000	70,000	70,000	70,000	70,000
01-220-54-00-5460	DUES & SUBSCRIPTIONS	2,876	3,391	2,750	2,750	2,750	5,000	5,000	5,000	5,000
01-220-54-00-5462	PROFESSIONAL SERVICES	56,442	49,443	92,500	12,500	89,280	5,000	5,000	5,000	5,000
01-220-54-00-5485	RENTAL & LEASE PURCHASE	2,700	2,269	3,150	3,150	3,150	3,150	3,150	3,150	3,150
01-220-54-00-5490	VEHICLE MAINTENANCE SERVICES	-	-	4,000	4,000	4,500	4,500	4,500	4,500	4,500
01-220-56-00-5610	OFFICE SUPPLIES	1,132	971	1,500	1,500	1,500	1,500	1,500	1,500	1,500
01-220-56-00-5620	OPERATING SUPPLIES	4,411	7,958	3,750	9,000	5,000	5,000	5,000	5,000	5,000
01-220-56-00-5695	GASOLINE	2,293	3,483	4,441	4,441	4,752	5,085	5,441	5,822	6,230
	Community Development Department Expenditures	**$ 869,045**	**$ 816,350**	**$ 942,154**	**$ 815,585**	**$ 965,192**	**$ 913,835**	**$ 935,863**	**$ 1,001,223**	**$ 1,001,085**

PUBLIC WORKS DEPARTMENT - STREET OPERATIONS / HEALTH & SANITATION

The Public Works Department is an integral part of the United City of Yorkville. We provide high quality drinking water, efficient disposal of sanitary waste and maintain a comprehensive road and storm sewer network to ensure the safety and quality of life for the citizens of Yorkville.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ 414,487	$ 413,395	$ 549,443	$ 460,000	$ 596,797	$ 609,416	$ 623,753	$ 641,387	$ 659,550
Benefits	192,711	186,497	245,418	209,886	280,851	297,840	316,711	337,257	357,536
Contractual Services	1,344,900	1,417,923	1,591,767	2,120,693	1,648,528	1,720,038	1,779,306	1,821,792	1,876,737
Supplies	125,841	198,619	125,910	124,184	130,380	118,178	120,101	122,159	124,361
Total Public Works	**$ 2,077,939**	**$ 2,216,434**	**$ 2,512,538**	**$ 2,914,763**	**$ 2,656,556**	**$ 2,745,472**	**$ 2,839,871**	**$ 2,922,595**	**$ 3,018,184**



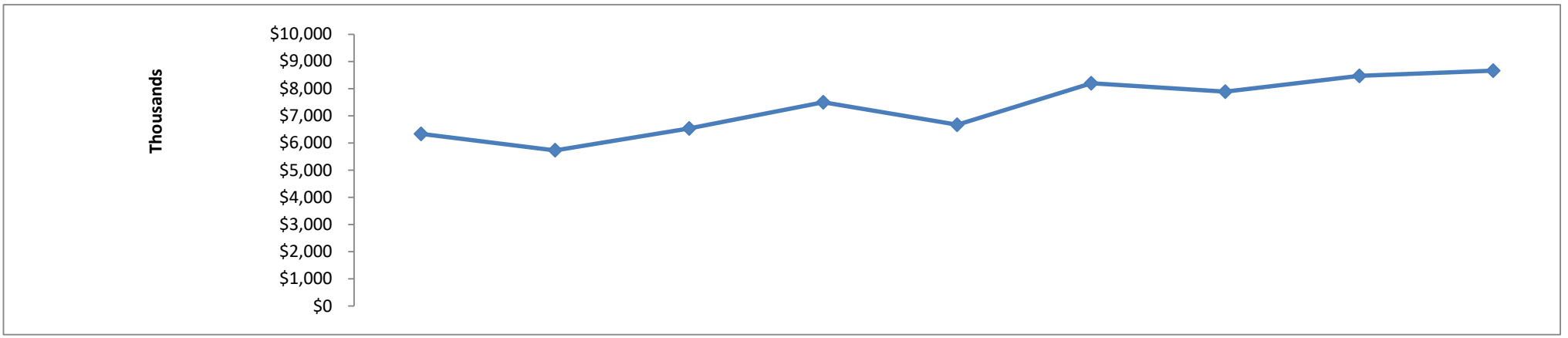
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Public Works - Street Operations										
01-410-50-00-5010	SALARIES & WAGES	$ 378,009	$ 380,160	$ 516,943	$ 437,500	$ 560,857	$ 573,476	$ 587,813	$ 605,447	$ 623,610
01-410-50-00-5015	PART-TIME SALARIES	13,430	11,665	12,500	-	13,440	13,440	13,440	13,440	13,440
01-410-50-00-5020	OVERTIME	23,048	21,570	20,000	22,500	22,500	22,500	22,500	22,500	22,500
01-410-52-00-5212	RETIREMENT PLAN CONTRIBUTION	40,023	39,814	60,746	53,000	65,530	68,239	71,651	75,354	77,533
01-410-52-00-5214	FICA CONTRIBUTION	30,330	30,153	40,268	36,000	43,565	44,545	45,659	47,029	48,440
01-410-52-00-5216	GROUP HEALTH INSURANCE	113,502	107,865	134,105	112,129	158,930	171,644	185,376	200,206	216,222
01-410-52-00-5222	GROUP LIFE INSURANCE	428	391	499	437	592	598	604	610	616
01-410-52-00-5223	DENTAL INSURANCE	7,363	7,256	8,474	7,171	10,610	11,141	11,698	12,283	12,897
01-410-52-00-5224	VISION INSURANCE	1,065	1,018	1,326	1,149	1,624	1,673	1,723	1,775	1,828
01-410-54-00-5412	TRAINING & CONFERENCES	1,476	2,423	4,500	4,500	6,000	6,000	6,000	6,000	6,000
01-410-54-00-5415	TRAVEL & LODGING	950	750	2,500	-	3,000	3,000	3,000	3,000	3,000
01-410-54-00-5422	VEHICLE & EQUIPMENT CHARGEBACK	-	-	142,551	622,551	100,000	121,177	143,646	143,646	143,646
01-410-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	316	7,395	-	-	-	8,404	2,010	-	9,106
01-410-54-00-5435	TRAFFIC SIGNAL MAINTENANCE	6,201	26,083	20,000	20,000	30,000	30,000	30,000	30,000	30,000
01-410-54-00-5440	TELECOMMUNICATIONS	3,725	3,363	7,600	7,600	7,600	7,600	7,600	7,600	7,600
01-410-54-00-5455	MOSQUITO CONTROL	-	-	6,300	6,300	6,615	6,946	7,293	7,658	8,041
01-410-54-00-5458	TREE & STUMP MAINTENANCE	10,245	5,091	13,000	17,000	15,000	15,000	15,000	15,000	15,000
01-410-54-00-5462	PROFESSIONAL SERVICES	5,758	10,042	9,225	9,225	9,225	9,225	9,225	9,225	9,225
01-410-54-00-5483	JULIE SERVICES	2,190	3,114	3,000	3,000	4,500	4,500	4,500	4,500	4,500
01-410-54-00-5485	RENTAL & LEASE PURCHASE	2,124	4,052	6,000	6,000	6,000	6,000	6,000	6,000	6,000
01-410-54-00-5488	OFFICE CLEANING	1,020	791	788	1,290	1,329	1,369	1,410	1,452	1,496
01-410-54-00-5490	VEHICLE MAINTENANCE SERVICES	105,158	70,059	65,000	65,000	65,000	65,000	65,000	65,000	65,000
01-410-56-00-5600	WEARING APPAREL	3,584	2,524	5,000	5,000	5,000	5,000	5,000	5,000	5,000
01-410-56-00-5618	SALT & CALCIUM CHLORIDE	-	62,951	-	-	-	-	-	-	-
01-410-56-00-5620	OPERATING SUPPLIES	37,460	56,131	19,450	19,450	22,000	22,000	22,000	22,000	22,000
01-410-56-00-5628	VEHICLE MAINTENANCE SUPPLIES	32,735	30,312	42,000	42,000	30,000	30,000	30,000	30,000	30,000
01-410-56-00-5630	SMALL TOOLS & EQUIPMENT	1,613	13,494	7,500	7,500	21,500	7,500	7,500	7,500	7,500
01-410-56-00-5640	REPAIR & MAINTENANCE	29,897	9,762	24,000	24,000	25,000	25,000	25,000	25,000	25,000
01-410-56-00-5665	JULIE SUPPLIES	380	2,681	2,234	2,234	1,200	1,200	1,200	1,200	1,200
01-410-56-00-5695	GASOLINE	20,172	20,764	25,726	24,000	25,680	27,478	29,401	31,459	33,661
	Public Works - Street Department Expenditures	**$ 872,202**	**$ 931,674**	**$ 1,201,235**	**$ 1,556,536**	**$ 1,262,297**	**$ 1,309,655**	**$ 1,361,249**	**$ 1,399,884**	**$ 1,450,061**

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Public Works - Health & Sanitation										
01-540-54-00-5441	GARBAGE SERVICES - SENIOR SUBSIDY	$ 32,799	$ 34,472	$ 35,875	$ 43,500	$ 44,588	$ 45,926	$ 47,304	$ 48,723	$ 50,185
01-540-54-00-5442	GARBAGE SERVICES	1,166,218	1,244,648	1,268,428	1,306,500	1,340,671	1,380,891	1,422,318	1,464,988	1,508,938
01-540-54-00-5443	LEAF PICKUP	6,720	5,640	7,000	8,227	9,000	9,000	9,000	9,000	9,000
Public Works - Health & Sanitation Department Expenditures		**$ 1,205,737**	**$ 1,284,760**	**$ 1,311,303**	**$ 1,358,227**	**$ 1,394,259**	**$ 1,435,817**	**$ 1,478,622**	**$ 1,522,711**	**$ 1,568,123**
Total Public Works - Street & Sanitation Department Expenditures		**$ 2,077,939**	**$ 2,216,434**	**$ 2,512,538**	**$ 2,914,763**	**$ 2,656,556**	**$ 2,745,472**	**$ 2,839,871**	**$ 2,922,595**	**$ 3,018,184**

ADMINISTRATIVE SERVICES DEPARTMENT

The Administrative Services Department accounts for General Fund expenditures that are shared by all departments and cannot be easily classified in one department or the other. These expenditures include such items as tax rebates, shared services, information technology, bad debt, engineering services, legal expenditures and interfund transfers.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Expenditures									
Salaries	$ -	$ 5,615	$ 500	$ 750	$ 500	$ 500	$ 500	$ 500	$ 500
Benefits	335,729	359,027	398,253	382,539	407,520	423,602	445,628	468,976	493,725
Contractual Services	2,953,274	2,791,311	3,848,522	3,378,656	3,271,881	3,321,968	3,185,164	3,231,632	3,283,307
Supplies	2,809	5,226	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Contingency	-	-	80,000	302,000	75,000	75,000	75,000	75,000	75,000
Total Expenditures	**$ 3,291,812**	**$ 3,161,179**	**$ 4,342,275**	**$ 4,078,945**	**$ 3,769,901**	**$ 3,836,070**	**$ 3,721,292**	**$ 3,791,108**	**$ 3,867,532**
Other Financing Uses	3,040,283	2,566,540	2,191,837	3,414,069	2,895,494	4,356,857	4,163,725	4,679,271	4,791,911
Total Admin Services & Transfers	**$ 6,332,095**	**$ 5,727,719**	**$ 6,534,112**	**$ 7,493,014**	**$ 6,665,395**	**$ 8,192,927**	**$ 7,885,017**	**$ 8,470,379**	**$ 8,659,443**



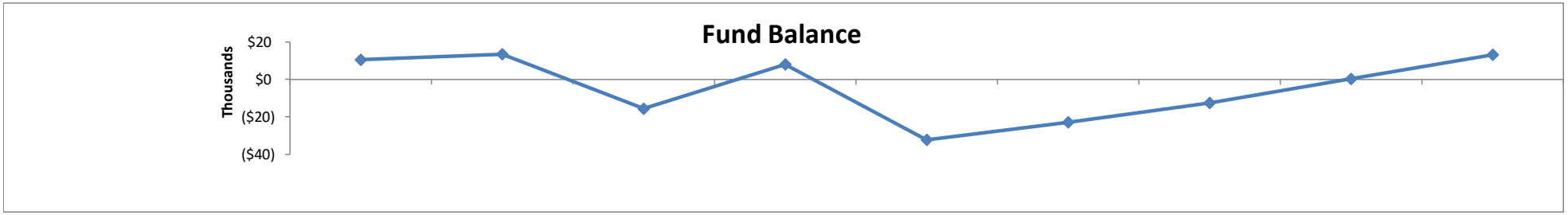
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Administrative Services										
01-640-50-00-5092	POLICE SPECIAL DETAIL WAGES	$ -	$ 5,615	$ 500	$ 750	$ 500	$ 500	$ 500	$ 500	$ 500
01-640-52-00-5230	UNEMPLOYMENT INSURANCE	16,317	13,978	15,000	16,250	16,500	16,500	16,500	16,500	16,500
01-640-52-00-5231	LIABILITY INSURANCE	298,408	311,973	343,684	326,720	346,323	367,102	389,128	412,476	437,225
01-640-52-00-5240	RETIREES - GROUP HEALTH INSURANCE	20,877	31,818	39,066	39,066	44,302	40,000	40,000	40,000	40,000
01-640-52-00-5241	RETIREES - DENTAL INSURANCE	86	1,091	423	423	333	-	-	-	-
01-640-52-00-5242	RETIREES - VISION INSURANCE	41	167	80	80	62	-	-	-	-
01-640-54-00-5418	PURCHASING SERVICES	42,953	53,064	59,664	59,664	62,437	65,349	66,207	71,488	72,788
01-640-54-00-5423	IDOR ADMINISTRATION FEE	45,372	45,538	47,047	47,474	48,582	49,453	50,346	51,259	52,195
01-640-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	-	-	-	-	1,895	-	-	2,071	-
01-640-54-00-5427	GC HOUSING RENTAL ASSISTANCE	6,555	8,148	9,843	9,348	10,114	11,125	12,238	13,462	14,808
01-640-54-00-5428	UTILITY TAX REBATE	3,305	6,933	14,375	8,000	8,000	-	-	-	-
01-640-54-00-5431	LOCAL ECONOMIC SUPPORT PROGRAM	-	-	603,250	603,250	-	-	-	-	-
01-640-54-00-5432	FACILITY MANAGEMENT SERVICES	53,471	57,547	64,443	64,443	-	-	-	-	-
01-640-54-00-5439	AMUSEMENT TAX REBATE	44,548	36,334	46,000	3,000	12,000	40,000	12,075	-	-
01-640-54-00-5449	KENCOM	106,287	105,851	154,350	162,879	124,409	136,350	148,385	162,623	177,185
01-640-54-00-5450	INFORMATION TECHNOLOGY SERVICES	203,631	223,210	392,681	200,000	400,000	382,500	225,000	225,000	225,000
01-640-54-00-5453	BUILDINGS & GROUNDS CHARGEBACK	-	-	-	-	118,757	123,923	129,512	135,632	141,964
01-640-54-00-5456	CORPORATE COUNSEL	134,248	82,228	110,000	100,000	110,000	110,000	110,000	110,000	110,000
01-640-54-00-5461	LITIGATION COUNSEL	78,469	78,731	110,000	90,000	110,000	110,000	110,000	110,000	110,000
01-640-54-00-5462	PROFESSIONAL SERVICES	21,042	47,072	8,250	26,356	48,150	48,150	48,150	48,150	48,150
01-640-54-00-5463	SPECIAL COUNSEL	55,901	43,207	25,000	25,000	25,000	25,000	25,000	25,000	25,000
01-640-54-00-5465	ENGINEERING SERVICES	385,933	248,597	390,000	290,000	300,000	300,000	300,000	300,000	300,000
01-640-54-00-5473	KENDALL AREA TRANSIT	23,550	23,550	25,000	25,000	25,000	25,000	25,000	25,000	25,000
01-640-54-00-5475	CABLE CONSORTIUM FEE	101,403	76,777	105,000	-	65,000	65,000	65,000	65,000	65,000
01-640-54-00-5481	HOTEL TAX REBATE	69,807	72,272	72,000	54,000	72,000	72,000	72,000	72,000	72,000
01-640-54-00-5486	ECONOMIC DEVELOPMENT	161,950	166,428	160,000	165,000	165,000	165,000	165,000	165,000	165,000
01-640-54-00-5491	CITY PROPERTY TAX REBATE	1,233	1,258	1,300	1,287	1,326	1,366	1,407	1,449	1,492
01-640-54-00-5492	SALES TAX REBATE	862,920	882,297	906,762	985,000	1,004,700	1,024,794	1,045,290	1,066,196	1,087,520
01-640-54-00-5493	BUSINESS DISTRICT REBATE	402,177	385,475	397,057	399,350	413,511	420,958	428,554	436,302	444,205
01-640-54-00-5494	ADMISSIONS TAX REBATE	148,133	146,143	145,000	58,105	145,000	145,000	145,000	145,000	145,000
01-640-54-00-5499	BAD DEBT	386	651	1,500	1,500	1,000	1,000	1,000	1,000	1,000
01-640-56-00-5625	REIMBURSABLE REPAIRS	2,809	5,226	15,000	15,000	15,000	15,000	15,000	15,000	15,000
01-640-70-00-7799	CONTINGENCY	-	-	80,000	302,000	75,000	75,000	75,000	75,000	75,000
	Administrative Services Department Expenditures	**$ 3,291,812**	**$ 3,161,179**	**$ 4,342,275**	**$ 4,078,945**	**$ 3,769,901**	**$ 3,836,070**	**$ 3,721,292**	**$ 3,791,108**	**$ 3,867,532**
01-640-99-00-9923	TRANSFER TO CITY-WIDE CAPITAL	$ 569,725	$ 240,663	$ 306,000	$ 1,306,000	$ -	$ 268,144	$ 301,944	$ 306,481	$ 337,489
01-640-99-00-9924	TRANSFER TO BUILDINGS & GROUNDS	-	-	-	-	191,600	791,598	693,509	1,130,345	1,120,485
01-640-99-00-9942	TRANSFER TO DEBT SERVICE	315,781	315,471	315,225	311,225	321,375	322,075	-	-	-
01-640-99-00-9952	TRANSFER TO SEWER	856,583	575,030	174,744	174,744	586,749	994,479	1,134,606	1,136,806	1,147,080

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
01-640-99-00-9979	TRANSFER TO PARKS & RECREATION	1,274,699	1,410,988	1,369,284	1,596,578	1,768,777	1,952,008	2,003,460	2,073,681	2,153,042
01-640-99-00-9982	TRANSFER TO LIBRARY OPERATIONS	23,495	24,388	26,584	25,522	26,993	28,553	30,206	31,958	33,815
	Other Financing Uses	**$ 3,040,283**	**$ 2,566,540**	**$ 2,191,837**	**$ 3,414,069**	**$ 2,895,494**	**$ 4,356,857**	**$ 4,163,725**	**$ 4,679,271**	**$ 4,791,911**
	Total General Fund Expenditures	**$ 12,998,597**	**$ 13,439,021**	**$ 15,460,545**	**$ 15,110,693**	**$ 15,142,697**	**$ 15,730,743**	**$ 15,961,024**	**$ 16,477,558**	**$ 17,013,277**
	Transfers In	$ 29,917	$ 32,092	$ 35,000	$ 135,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
	(Transfers Out)	(3,040,283)	(2,566,540)	(2,191,837)	(3,414,069)	(2,895,494)	(4,356,857)	(4,163,725)	(4,679,271)	(4,791,911)
	General Fund Net Transfers	**$ (3,010,366)**	**$ (2,534,448)**	**$ (2,156,837)**	**$ (3,279,069)**	**$ (2,860,494)**	**$ (4,321,857)**	**$ (4,128,725)**	**$ (4,644,271)**	**$ (4,756,911)**
	Surplus(Deficit)	**383,443**	**632,238**	**(315,646)**	**-**	**-**	**(1,747,405)**	**(1,439,952)**	**(2,124,567)**	**(2,433,081)**
	Fund Balance	**$ 6,879,823**	**$ 7,512,060**	**$ 7,322,013**	**$ 7,512,060**	**$ 7,512,060**	**$ 5,764,655**	**$ 4,324,703**	**$ 2,200,136**	**$ (232,945)**
	Fund Balance %	*42.89%*	*46.93%*	*41.48%*	*40.55%*	*41.65%*	*28.70%*	*21.49%*	*10.40%*	*-1.07%*

Fox Hill SSA Fund (11)

This fund was created for the purpose of maintaining the common areas of the Fox Hill Estates (SSA 2004-201) subdivision. All money for the fund is derived from property taxes levied on homeowners in the subdivision.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 13,381	$ 13,382	$ 16,034	$ 16,034	$ 19,000	$ 21,500	$ 24,000	$ 26,500	$ 26,500
Total Revenues	**$ 13,381**	**$ 13,382**	**$ 16,034**	**$ 16,034**	**$ 19,000**	**$ 21,500**	**$ 24,000**	**$ 26,500**	**$ 26,500**
Expenditures									
Contractual Services	$ 9,453	$ 10,374	$ 37,326	$ 21,525	$ 59,200	$ 12,200	$ 13,640	$ 13,640	$ 13,640
Total Expenditures	**$ 9,453**	**$ 10,374**	**$ 37,326**	**$ 21,525**	**$ 59,200**	**$ 12,200**	**$ 13,640**	**$ 13,640**	**$ 13,640**
Surplus (Deficit)	$ 3,928	$ 3,008	$ (21,292)	$ (5,491)	$ (40,200)	$ 9,300	$ 10,360	$ 12,860	$ 12,860
Ending Fund Balance	**$ 10,485**	**$ 13,492**	**$ (15,614)**	**$ 8,001**	**$ (32,199)**	**$ (22,899)**	**$ (12,539)**	**$ 321**	**$ 13,181**
	110.92%	*130.06%*	*-41.83%*	*37.17%*	*-54.39%*	*-187.70%*	*-91.93%*	*2.35%*	*96.63%*

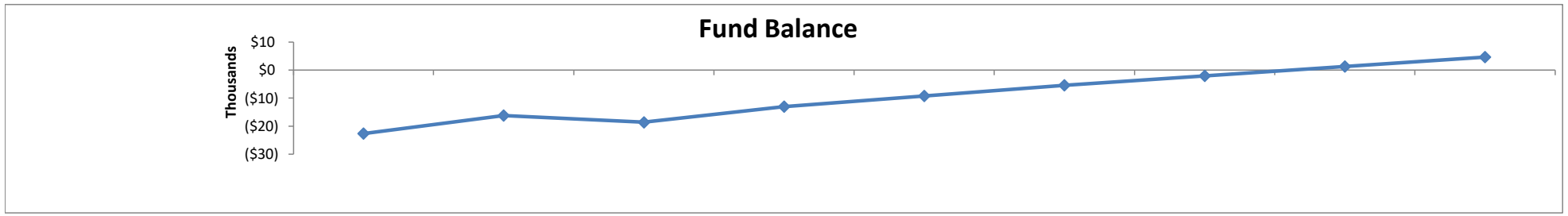


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
FOX HILL SSA FUND - 11										
11-000-40-00-4000	PROPERTY TAXES	$ 13,381	$ 13,382	$ 16,034	$ 16,034	$ 19,000	$ 21,500	$ 24,000	$ 26,500	$ 26,500
	Fox Hill SSA Revenues	**13,381**	**13,382**	**$ 16,034**	**$ 16,034**	**$ 19,000**	**$ 21,500**	**$ 24,000**	**$ 26,500**	**$ 26,500**
11-111-54-00-5462	PROFESSIONAL SERVICES	$ 2,835	$ 3,352	$ 3,126	$ -	$ -	$ -	$ -	$ -	$ -
11-111-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	6,618	7,022	34,200	21,525	59,200	12,200	13,640	13,640	13,640
	Fox Hill SSA Expenditures	**$ 9,453**	**$ 10,374**	**$ 37,326**	**$ 21,525**	**$ 59,200**	**$ 12,200**	**$ 13,640**	**$ 13,640**	**$ 13,640**
	Surplus(Deficit)	**3,928**	**3,008**	**(21,292)**	**(5,491)**	**(40,200)**	**9,300**	**10,360**	**12,860**	**12,860**
	Fund Balance	**$ 10,485**	**$ 13,492**	**$ (15,614)**	**$ 8,001**	**$ (32,199)**	**$ (22,899)**	**$ (12,539)**	**$ 321**	**$ 13,181**
		110.92%	*130.06%*	*-41.83%*	*37.17%*	*-54.39%*	*-187.70%*	*-91.93%*	*2.35%*	*96.63%*

Sunflower SSA Fund (12)

This fund was created for the purpose of maintaining the common areas of the Sunflower Estates (SSA 2006-119) subdivision. All money for the fund is derived from property taxes levied on homeowners in the subdivision.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 15,639	$ 18,140	$ 20,363	$ 20,363	$ 21,000	$ 21,000	$ 22,000	$ 22,000	$ 22,000
Total Revenues	**$ 15,639**	**$ 18,140**	**$ 20,363**	**$ 20,363**	**$ 21,000**	**$ 21,000**	**$ 22,000**	**$ 22,000**	**$ 22,000**
Expenditures									
Contractual Services	$ 17,013	$ 11,713	$ 20,326	$ 17,200	$ 17,200	$ 17,200	$ 18,640	$ 18,640	$ 18,640
Total Expenditures	**$ 17,013**	**$ 11,713**	**$ 20,326**	**$ 17,200**	**$ 17,200**	**$ 17,200**	**$ 18,640**	**$ 18,640**	**$ 18,640**
Surplus (Deficit)	$ (1,374)	$ 6,427	$ 37	$ 3,163	$ 3,800	$ 3,800	$ 3,360	$ 3,360	$ 3,360
Ending Fund Balance	**$ (22,626)**	**$ (16,200)**	**$ (18,630)**	**$ (13,037)**	**$ (9,237)**	**$ (5,437)**	**$ (2,077)**	**$ 1,283**	**$ 4,643**
	-132.99%	*-138.31%*	*-91.66%*	*-75.80%*	*-53.70%*	*-31.61%*	*-11.14%*	*6.88%*	*24.91%*

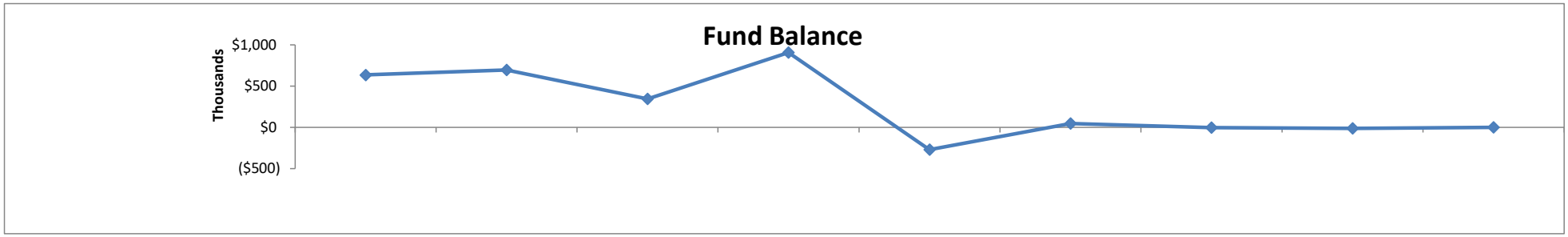


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
SUNFLOWER SSA FUND - 12										
12-000-40-00-4000	PROPERTY TAXES	$ 15,639	$ 18,140	$ 20,363	$ 20,363	$ 21,000	$ 21,000	$ 22,000	$ 22,000	$ 22,000
	Sunflower SSA Revenues	**$ 15,639**	**$ 18,140**	**$ 20,363**	**$ 20,363**	**$ 21,000**	**$ 21,000**	**$ 22,000**	**$ 22,000**	**$ 22,000**
12-112-54-00-5416	POND MAINTENANCE	$ 1,525	$ -	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
12-112-54-00-5462	PROFESSIONAL SERVICES	2,835	3,258	3,126	-	-	-	-	-	-
12-112-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	12,653	8,455	12,200	12,200	12,200	12,200	13,640	13,640	13,640
	Sunflower SSA Expenditures	**$ 17,013**	**$ 11,713**	**$ 20,326**	**$ 17,200**	**$ 17,200**	**$ 17,200**	**$ 18,640**	**$ 18,640**	**$ 18,640**
	Surplus(Deficit)	**(1,374)**	**6,427**	**37**	**3,163**	**3,800**	**3,800**	**3,360**	**3,360**	**3,360**
	Fund Balance	**$ (22,626)**	**$ (16,200)**	**$ (18,630)**	**$ (13,037)**	**$ (9,237)**	**$ (5,437)**	**$ (2,077)**	**$ 1,283**	**$ 4,643**
		-132.99%	*-138.31%*	*-91.66%*	*-75.80%*	*-53.70%*	*-31.61%*	*-11.14%*	*6.88%*	*24.91%*

Motor Fuel Tax Fund (15)

The Motor Fuel Tax Fund is used to maintain existing and construct new City owned roadways, alleys and parking lots. The fund also purchases materials used in the maintenance and operation of those facilities.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Intergovernmental	$ 530,471	$ 749,242	$ 809,598	$ 1,171,668	$ 1,258,019	$ 1,274,602	$ 873,642	$ 890,894	$ 908,492
Investment Earnings	15,511	9,563	4,263	1,400	2,000	2,000	2,000	5,000	5,000
Reimbursements	100	26,717	-	-	-	-	-	-	-
Total Revenues	**$ 546,082**	**$ 785,522**	**$ 813,861**	**$ 1,173,068**	**$ 1,260,019**	**$ 1,276,602**	**$ 875,642**	**$ 895,894**	**$ 913,492**
Expenditures									
Contractual Services	$ 95,684	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Supplies	84,453	97,930	175,000	87,245	138,000	175,000	175,000	175,000	175,000
Capital Outlay	429,058	627,267	942,462	873,788	2,297,413	787,045	750,000	730,000	726,933
Total Expenditures	**$ 609,195**	**$ 725,197**	**$ 1,117,462**	**$ 961,033**	**$ 2,435,413**	**$ 962,045**	**$ 925,000**	**$ 905,000**	**$ 901,933**
Surplus (Deficit)	$ (63,113)	$ 60,325	$ (303,601)	$ 212,035	$ (1,175,394)	$ 314,557	$ (49,358)	$ (9,106)	$ 11,559
Ending Fund Balance	**$ 635,382**	**$ 695,707**	**$ 345,323**	**$ 907,742**	**$ (267,652)**	**$ 46,905**	**$ (2,453)**	**$ (11,559)**	**$ -**

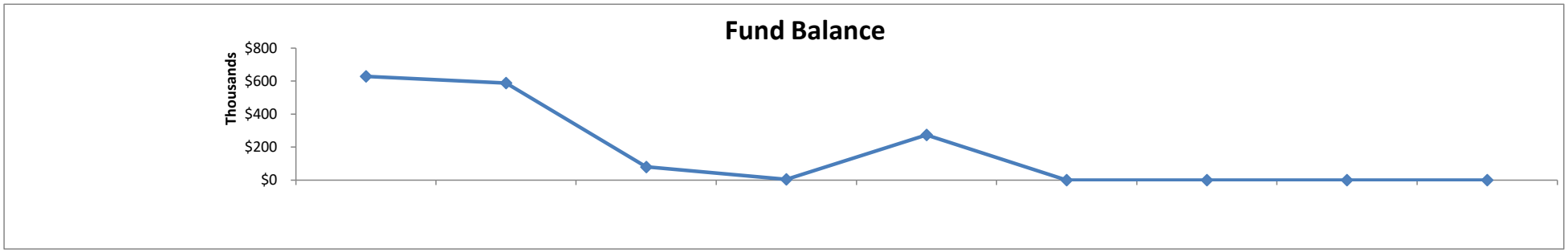


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
MOTOR FUEL TAX FUND - 15										
15-000-41-00-4112	MOTOR FUEL TAX	$ 482,866	$ 466,091	$ 472,697	$ 391,853	$ 482,526	$ 492,177	$ 502,021	$ 512,061	$ 522,302
15-000-41-00-4113	MFT HIGH GROWTH	47,605	47,299	11,000	79,463	11,000	11,000	11,000	11,000	11,000
15-000-41-00-4114	TRANSPORTATION RENEWAL TAX	-	235,852	320,901	282,477	346,618	353,550	360,621	367,833	375,190
15-000-41-00-4115	REBUILD ILLINOIS	-	-	5,000	417,875	417,875	417,875	-	-	-
15-000-45-00-4500	INVESTMENT EARNINGS	15,511	9,563	4,263	1,400	2,000	2,000	2,000	5,000	5,000
15-000-46-00-4690	REIMB - MISCELLANEOUS	100	26,717	-	-	-	-	-	-	-
	Motor Fuel Tax Revenues	**$ 546,082**	**$ 785,522**	**$ 813,861**	**$ 1,173,068**	**$ 1,260,019**	**$ 1,276,602**	**$ 875,642**	**$ 895,894**	**$ 913,492**
15-155-54-00-5482	STREET LIGHTING	$ 95,684	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
15-155-56-00-5618	SALT	84,453	97,930	175,000	87,245	138,000	175,000	175,000	175,000	175,000
15-155-60-00-6004	BASELINE ROAD BRIDGE REPAIRS	-	-	25,000	-	-	-	-	-	-
15-155-60-00-6005	FOX HILL IMPROVEMENTS	-	-	-	-	1,253,625	-	-	-	-
15-155-60-00-6025	ROAD TO BETTER ROADS PROGRAM	355,271	553,480	781,674	775,000	920,000	700,000	700,000	680,000	676,933
15-155-60-00-6028	PAVEMENT STRIPING PROGRAM	-	-	62,000	25,000	50,000	50,000	50,000	50,000	50,000
15-155-60-00-6079	ROUTE 47 EXPANSION	73,787	73,787	73,788	73,788	73,788	37,045	-	-	-
	Motor Fuel Tax Expenditures	**$ 609,195**	**$ 725,197**	**$ 1,117,462**	**$ 961,033**	**$ 2,435,413**	**$ 962,045**	**$ 925,000**	**$ 905,000**	**$ 901,933**
	Surplus(Deficit)	**(63,113)**	**60,325**	**(303,601)**	**212,035**	**(1,175,394)**	**314,557**	**(49,358)**	**(9,106)**	**11,559**
	Fund Balance	**$ 635,382**	**$ 695,707**	**$ 345,323**	**$ 907,742**	**$ (267,652)**	**$ 46,905**	**$ (2,453)**	**$ (11,559)**	**$ -**

City-Wide Capital Fund (23)

The City-Wide Capital Fund is used to maintain existing and construct new public infrastructure, and to fund other improvements that benefit the public.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Intergovernmental	$ 32,878	$ 38,000	$ -	$ -	$ -	$ 476,475	$ -	$ -	$ -
Licenses & Permits	300,743	154,916	141,000	637,000	105,000	105,000	105,000	105,000	105,000
Charges for Service	752,262	775,218	780,000	780,000	785,000	790,000	795,000	800,000	805,000
Investment Earnings	34,012	61,060	1,098	65	500	1,000	2,000	3,000	3,000
Reimbursements	1,169,174	49,999	151,572	126,987	2,521,322	682,765	1,015,000	-	171,600
Miscellaneous	-	-	2,000	-	-	-	-	-	-
Total Revenues	**$ 2,289,069**	**$ 1,079,193**	**$ 1,075,670**	**$ 1,544,052**	**$ 3,411,822**	**$ 2,055,240**	**$ 1,917,000**	**$ 908,000**	**$ 1,084,600**
Other Financing Sources	569,725	240,663	306,000	1,306,000	1,995,000	268,144	301,944	306,481	337,489
Total Revenues and Transfers	**$ 2,858,794**	**$ 1,319,856**	**$ 1,381,670**	**$ 2,850,052**	**$ 5,406,822**	**$ 2,323,384**	**$ 2,218,944**	**$ 1,214,481**	**$ 1,422,089**
Expenditures									
Contractual Services	$ 135,926	$ 191,913	$ 260,964	$ 325,271	$ 234,189	$ 233,802	$ 147,312	$ 154,742	$ 162,618
Supplies	56,337	46,637	173,000	170,530	102,500	102,500	102,500	102,500	102,500
Capital Outlay	1,923,491	663,393	2,774,950	2,378,494	4,030,151	1,837,300	1,551,467	536,467	786,467
Debt Service	407,563	322,188	321,338	321,338	315,338	319,338	313,038	316,738	315,138
Total Expenditures	**$ 2,523,317**	**$ 1,224,131**	**$ 3,530,252**	**$ 3,195,633**	**$ 4,682,178**	**$ 2,492,940**	**$ 2,114,317**	**$ 1,110,447**	**$ 1,366,723**
Other Financing Uses	94,947	136,998	138,895	238,895	454,558	104,209	104,627	104,034	55,366
Total Expenditures & Transfers	**$ 2,618,264**	**$ 1,361,129**	**$ 3,669,147**	**$ 3,434,528**	**$ 5,136,736**	**$ 2,597,149**	**$ 2,218,944**	**$ 1,214,481**	**$ 1,422,089**
Surplus (Deficit)	$ 240,530	$ (41,273)	$ (2,287,477)	$ (584,476)	$ 270,086	$ (273,765)	$ -	$ -	$ -
Ending Fund Balance	**$ 629,429**	**$ 588,155**	**$ 78,960**	**$ 3,679**	**$ 273,765**	**$ -**	**$ -**	**$ -**	**$ -**



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
CITY-WIDE CAPITAL FUND - 23										
23-000-41-00-4163	FEDERAL GRANTS - STP BRISTOL RIDGE	$ -	$ -	$ -	$ -	$ -	$ 476,475	$ -	$ -	$ -
23-000-41-00-4188	STATE GRANTS - EDP WRIGLEY (RTE 47)	32,878	-	-	-	-	-	-	-	-
23-000-41-00-4189	DCEO - MATERIAL STORAGE BLDG	-	38,000	-	-	-	-	-	-	-
23-000-42-00-4210	BUILDING PERMITS	1,499	2,530	-	200,000	-	-	-	-	-
23-000-42-00-4214	DEVELOPMENT FEES - CW CAPITAL	5,512	6,294	6,000	2,000	5,000	5,000	5,000	5,000	5,000
23-000-42-00-4216	BUILD PROGRAM PERMITS	1,815	-	-	-	-	-	-	-	-
23-000-42-00-4218	DEVELOPMENT FEES - MUNICIPAL BLDG	29,917	32,092	35,000	135,000	-	-	-	-	-
23-000-42-00-4222	ROAD CONTRIBUTION FEE	262,000	114,000	100,000	300,000	100,000	100,000	100,000	100,000	100,000
23-000-44-00-4440	ROAD INFRASTRUCTURE FEE	752,262	775,218	780,000	780,000	785,000	790,000	795,000	800,000	805,000
23-000-45-00-4500	INVESTMENT EARNINGS	34,012	10,709	1,098	65	500	1,000	2,000	3,000	3,000
23-000-45-00-4550	GAIN ON INVESTMENT	-	50,351	-	-	-	-	-	-	-
23-000-46-00-4607	REIMB - BLACKBERRY WOODS	4,125	7,050	10,973	7,150	4,322	-	-	-	-
23-000-46-00-4612	REIMB - MILL ROAD IMPROVEMENTS	195,781	19,219	-	10,292	2,320,000	562,765	-	-	-
23-000-46-00-4618	REIMB - BRISTOL BAY ANNEX	-	-	-	-	-	-	-	-	171,600
23-000-46-00-4621	REIMB - FOUNTAIN VILLAGE	99,284	9,440	38,599	7,045	-	-	-	-	-
23-000-46-00-4624	REIMB - WHISPERING MEADOWS	797,238	-	-	-	-	-	-	-	-
23-000-46-00-4636	REIMB - RAINTREE VILLAGE	-	2,165	70,000	100,000	165,000	-	-	-	-
23-000-46-00-4640	REIMB - KENNEDY ROAD (FREEDOM PLACE)	-	-	-	-	-	120,000	1,015,000	-	-
23-000-46-00-4660	REIMB - PUSH FOR THE PATH	-	-	26,523	-	26,523	-	-	-	-
23-000-46-00-4690	REIMB - MISCELLANEOUS	72,746	12,125	5,477	2,500	5,477	-	-	-	-
23-000-48-00-4845	DONATIONS	-	-	2,000	-	-	-	-	-	-
	City-Wide Capital Revenues	**$ 2,289,069**	**$ 1,079,193**	**$ 1,075,670**	**$ 1,544,052**	**$ 3,411,822**	**$ 2,055,240**	**$ 1,917,000**	**$ 908,000**	**$ 1,084,600**
23-000-49-00-4901	TRANSFER FROM GENERAL	569,725	240,663	306,000	1,306,000	-	268,144	301,944	306,481	337,489
23-000-49-00-4901	TRANSFER FROM BUILDINGS & GROUNDS	-	-	-	-	1,995,000	-	-	-	-
	Other Financing Sources	**$ 569,725**	**$ 240,663**	**$ 306,000**	**$ 1,306,000**	**$ 1,995,000**	**$ 268,144**	**$ 301,944**	**$ 306,481**	**$ 337,489**
	Total City-Wide Capital Revenues & Transfers	**$ 2,858,794**	**$ 1,319,856**	**$ 1,381,670**	**$ 2,850,052**	**$ 5,406,822**	**$ 2,323,384**	**$ 2,218,944**	**$ 1,214,481**	**$ 1,422,089**
City-Wide - Buildings & Grounds Expenditures										
23-216-54-00-5446	PROPERTY & BLDG MAINT SERVICES	$ 71,157	$ 92,586	$ 135,000	$ 120,000	$ -	$ -	$ -	$ -	$ -
23-216-56-00-5626	HANGING BASKETS	1,496	427	2,000	320	-	-	-	-	-
23-216-56-00-5656	PROPERTY & BLDG MAINT SUPPLIES	36,642	10,914	71,000	80,000	-	-	-	-	-
23-216-60-00-6003	MATERIALS STORAGE BUILDING	-	240,663	-	-	-	-	-	-	-
23-216-60-00-6011	PROPERTY ACQUISITION	-	-	1,995,000	1,995,000	-	-	-	-	-
23-216-60-00-6013	BEECHER CENTER	320,386	-	-	-	-	-	-	-	-
23-216-60-00-6030	CITY HALL IMPROVEMENTS	-	-	-	-	-	-	-	-	-
	City-Wide - Buildings & Grounds Expenditures	**$ 429,681**	**$ 344,590**	**$ 2,203,000**	**$ 2,195,320**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

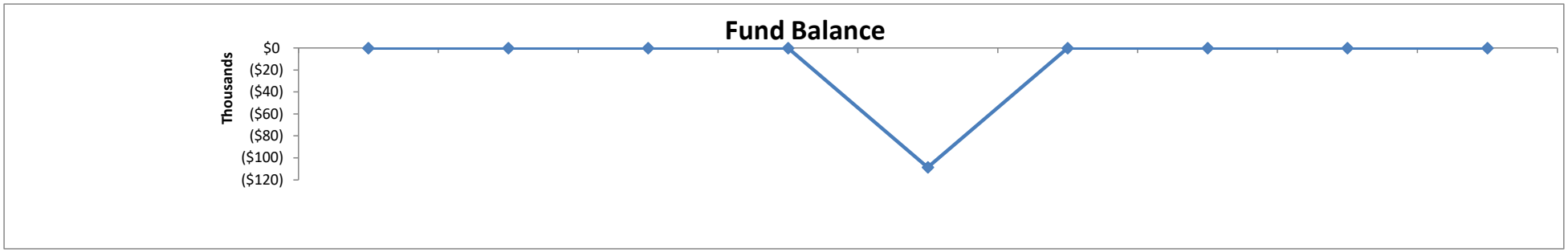
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
23-216-99-00-9901	TRANSFER TO GENERAL	$ 29,917	$ 32,092	$ 35,000	$ 135,000	$ -	$ -	$ -	$ -	$ -
	Other Financing Uses	**$ 29,917**	**$ 32,092**	**$ 35,000**	**$ 135,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	City-Wide - Buildings & Grounds Expenditures & Transfers	**$ 459,598**	**$ 376,682**	**$ 2,238,000**	**$ 2,330,320**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
City-Wide Capital Expenditures										
23-230-54-00-5405	BUILD PROGRAM	$ 1,815	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23-230-54-00-5462	PROFESSIONAL SERVICES	3,599	-	5,000	5,000	13,500	13,500	10,000	10,000	10,000
23-230-54-00-5465	ENGINEERING SERVICES	58,195	-	10,000	94,321	109,000	102,000	12,000	12,000	12,000
23-230-54-00-5482	STREET LIGHTING	-	98,090	108,989	103,975	110,214	116,827	123,837	131,267	139,143
23-230-54-00-5498	PAYING AGENT FEES	475	475	475	475	475	475	475	475	475
23-230-54-00-5499	BAD DEBT	685	762	1,500	1,500	1,000	1,000	1,000	1,000	1,000
23-230-56-00-5619	SIGNS	-	16,349	15,000	15,000	15,000	15,000	15,000	15,000	15,000
23-230-56-00-5632	ASPHALT PATCHING	-	16,235	35,000	25,000	35,000	35,000	35,000	35,000	35,000
23-230-56-00-5637	SIDEWALK CONSTRUCTION SUPPLIES	18,199	2,712	5,000	5,210	7,500	7,500	7,500	7,500	7,500
23-230-56-00-5642	STREET LIGHTING & OTHER SUPPLIES	-	-	45,000	45,000	45,000	45,000	45,000	45,000	45,000
23-230-60-00-6005	FOX HILL IMPROVEMENTS	-	-	-	-	85,000	85,000	-	-	-
23-230-60-00-6009	WRIGLEY (RTE 47) EXPANSION	32,878	-	-	-	-	-	-	-	-
23-230-60-00-6012	MILL ROAD IMPROVEMENTS	195,781	186,548	-	38,260	2,260,000	-	-	-	-
23-230-60-00-6014	BLACKBERRY WOODS	4,125	7,050	10,973	7,150	6,101	-	-	-	-
23-230-60-00-6016	US 34 (CENTER / ELDAMAIN RD) PROJECT	127,534	96,568	110,000	-	110,000	-	-	-	-
23-230-60-00-6023	FOUNTAIN VILLAGE SUBDIVISION	99,284	9,440	38,599	7,045	-	-	-	-	-
23-230-60-00-6025	ROAD TO BETTER ROADS PROGRAM	69,893	99,289	312,500	100,000	850,000	300,000	300,000	300,000	300,000
23-230-60-00-6032	BRISTOL RIDGE ROAD	-	-	-	-	70,000	635,300	-	-	-
23-230-60-00-6034	WHISPERING MEADOWS SUBDIVISION	974,071	2,828	-	-	-	-	-	-	-
23-230-60-00-6036	RAINTREE VILLAGE IMPROVEMENTS	-	2,165	70,000	100,000	165,000	-	-	-	-
23-230-60-00-6041	SIDEWALK REPLACEMENT PROGRAM	-	-	125,000	75,000	225,000	125,000	125,000	125,000	125,000
23-230-60-00-6058	ROUTE 71 (RTE 47 / RTE 126) PROJECT	8,351	-	53,878	56,039	82,050	-	-	-	-
23-230-60-00-6059	US 34 (IL 47 / ORCHARD RD) PROJECT	84,854	18,842	27,000	-	85,000	-	-	-	-
23-230-60-00-6063	ROUTE 47 (RTE 30 / WATER PARK WAY)	-	-	-	-	-	-	111,467	111,467	111,467
23-230-60-00-6086	KENNEDY ROAD IMPROVEMENTS	404	-	-	-	-	-	-	-	-
23-230-60-00-6087	KENNEDY ROAD (FREEDOM PLACE)	-	-	-	-	-	120,000	1,015,000	-	-
23-230-60-00-6088	KENNEDY ROAD (NORTH)	-	-	-	-	60,000	572,000	-	-	-
23-230-60-00-6094	KENNEDY ROAD BIKE TRAIL	5,930	-	32,000	-	32,000	-	-	-	-
23-230-60-00-6098	BRISTOL BAY SUBDIVISION	-	-	-	-	-	-	-	-	250,000
2014A Bond										
23-230-78-00-8000	PRINCIPAL PAYMENT	190,000	195,000	200,000	200,000	200,000	210,000	210,000	220,000	225,000
23-230-78-00-8050	INTEREST PAYMENT	132,888	127,188	121,338	121,338	115,338	109,338	103,038	96,738	90,138

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Kendall County Loan - River Road Bridge										
23-230-97-00-8000	PRINCIPAL PAYMENT	84,675	-	-	-	-	-	-	-	-
	City-Wide Capital Expenditures	**$ 2,093,636**	**$ 879,541**	**$ 1,327,252**	**$ 1,000,313**	**$ 4,682,178**	**$ 2,492,940**	**$ 2,114,317**	**$ 1,110,447**	**$ 1,366,723**
23-230-99-00-9951	TRANSFER TO BUILDINGS & GROUNDS	$ -	$ -	$ -	$ -	$ 350,000	$ -	$ -	$ -	$ -
23-230-99-00-9951	TRANSFER TO WATER	65,030	104,906	103,895	103,895	104,558	104,209	104,627	104,034	55,366
	Other Financing Uses	**$ 65,030**	**$ 104,906**	**$ 103,895**	**$ 103,895**	**$ 454,558**	**$ 104,209**	**$ 104,627**	**$ 104,034**	**$ 55,366**
	City-Wide Capital Expenditures & Transfers	**$ 2,158,666**	**$ 984,447**	**$ 1,431,147**	**$ 1,104,208**	**$ 5,136,736**	**$ 2,597,149**	**$ 2,218,944**	**$ 1,214,481**	**$ 1,422,089**
	Total City-Wide Capital Fund Expenditures	**$ 2,523,317**	**$ 1,224,131**	**$ 3,530,252**	**$ 3,195,633**	**$ 4,682,178**	**$ 2,492,940**	**$ 2,114,317**	**$ 1,110,447**	**$ 1,366,723**
	Transfers In	$ 569,725	$ 240,663	$ 306,000	$ 1,306,000	$ 1,995,000	$ 268,144	$ 301,944	$ 306,481	$ 337,489
	(Transfers Out)	(94,947)	(136,998)	(138,895)	(238,895)	(454,558)	(104,209)	(104,627)	(104,034)	(55,366)
	City-Wide Capital Fund Net Transfers	**$ 474,778**	**$ 103,665**	**$ 167,105**	**$ 1,067,105**	**$ 1,540,442**	**$ 163,935**	**$ 197,317**	**$ 202,447**	**$ 282,123**
	Surplus(Deficit)	**240,530**	**(41,273)**	**(2,287,477)**	**(584,476)**	**270,086**	**(273,765)**	**-**	**-**	**-**
	Fund Balance	**$ 629,429**	**$ 588,155**	**$ 78,960**	**$ 3,679**	**$ 273,765**	**$ -**	**$ -**	**$ -**	**$ -**

Buildings & Grounds Fund (24)

The Buildings & Grounds Fund was created in Fiscal Year 2022 and is used to maintain existing and construct new municipal owned buildings.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Licenses & Permits	$ -	$ -	$ -	$ -	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
Charges for Service	-	-	-	-	187,247	187,338	186,341	184,384	200,848
Investment Earnings	-	-	-	-	3,000	1,000	1,000	2,500	2,500
Miscellaneous	-	-	-	-	2,000	2,000	2,000	2,000	2,000
Total Revenues	**$ -**	**$ -**	**$ -**	**$ -**	**$ 227,247**	**$ 225,338**	**$ 224,341**	**$ 223,884**	**$ 240,348**
Other Financing Sources	-	-	-	-	9,249,078	791,598	15,791,782	1,713,305	1,701,557
Total Revenues and Transfers	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,476,325**	**$ 1,016,936**	**$ 16,016,123**	**$ 1,937,189**	**$ 1,941,905**
Expenditures									
Salaries	$ -	$ -	$ -	$ -	$ 50,117	$ 51,245	$ 52,526	$ 54,102	$ 55,725
Benefits	-	-	-	-	32,819	34,973	37,344	39,917	42,533
Contractual Services	-	-	-	-	307,988	153,686	201,052	160,521	164,197
Supplies	-	-	-	-	27,000	27,000	27,000	27,000	27,000
Capital Outlay	-	-	-	-	6,980,000	-	15,056,251	-	-
Debt Service	-	-	-	-	157,033	606,400	606,950	1,620,649	1,617,450
Total Expenditures	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,554,957**	**$ 873,304**	**$ 15,981,123**	**$ 1,902,189**	**$ 1,906,905**
Other Financing Uses	-	-	-	-	2,030,000	35,000	35,000	35,000	35,000
Total Expenditures & Transfers	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,584,957**	**$ 908,304**	**$ 16,016,123**	**$ 1,937,189**	**$ 1,941,905**
Surplus (Deficit)	$ -	$ -	$ -	$ -	$ (108,632)	$ 108,632	$ -	$ -	$ -
Ending Fund Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ (108,632)**	**$ -**	**$ -**	**$ -**	**$ -**



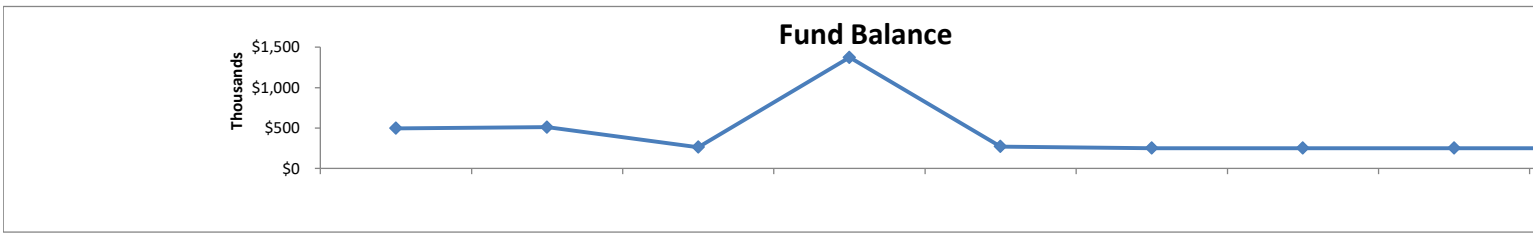
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
BUILDINGS & GROUNDS FUND - 24										
24-000-42-00-4218	DEVELOPMENT FEES - MUNICIPAL BLDG	$ -	$ -	$ -	$ -	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
24-000-44-00-4416	BUILDINGS & GROUNDS CHARGEBACK	-	-	-	-	187,247	187,338	186,341	184,384	200,848
24-000-45-00-4500	INVESTMENT EARNINGS	-	-	-	-	3,000	1,000	1,000	2,500	2,500
24-000-48-00-4845	DONATIONS	-	-	-	-	2,000	2,000	2,000	2,000	2,000
	Buildings & Grounds Revenues	**$ -**	**$ -**	**$ -**	**$ -**	**$ 227,247**	**$ 225,338**	**$ 224,341**	**$ 223,884**	**$ 240,348**
24-000-49-00-4900	BOND PROCEEDS	-	-	-	-	8,707,478	-	15,098,273	-	-
24-000-49-00-4901	TRANSFER FROM GENERAL	-	-	-	-	191,600	791,598	693,509	1,130,345	1,120,485
24-000-49-00-4924	TRANSFER FROM CITY-WIDE CAPITAL	-	-	-	-	350,000	-	-	-	-
24-000-49-00-4951	TRANSFER FROM WATER	-	-	-	-	-	-	-	348,819	347,689
24-000-49-00-4952	TRANSFER FROM SEWER	-	-	-	-	-	-	-	234,141	233,383
	Other Financing Sources	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,249,078**	**$ 791,598**	**$ 15,791,782**	**$ 1,713,305**	**$ 1,701,557**
	Buildings & Grounds Revenues & Transfers	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,476,325**	**$ 1,016,936**	**$ 16,016,123**	**$ 1,937,189**	**$ 1,941,905**
Building & Grounds Expenditures										
24-216-50-00-5010	SALARIES & WAGES	$ -	$ -	$ -	$ -	$ 50,117	$ 51,245	$ 52,526	$ 54,102	$ 55,725
24-216-52-00-5212	RETIREMENT PLAN CONTRIBUTION	-	-	-	-	5,630	5,868	6,167	6,492	6,687
24-216-52-00-5214	FICA CONTRIBUTION	-	-	-	-	3,547	3,627	3,718	3,830	3,945
24-216-52-00-5216	GROUP HEALTH INSURANCE	-	-	-	-	22,028	23,790	25,693	27,748	29,968
24-216-52-00-5222	GROUP LIFE INSURANCE	-	-	-	-	69	70	71	72	73
24-216-52-00-5223	DENTAL INSURANCE	-	-	-	-	1,343	1,410	1,481	1,555	1,633
24-216-52-00-5224	VISION INSURANCE	-	-	-	-	202	208	214	220	227
24-216-54-00-5402	BOND ISSUANCE COSTS	-	-	-	-	82,478	-	42,022	-	-
24-216-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	-	-	-	-	-	-	2,010	-	-
24-216-54-00-5432	FACILITY MANAGEMENT SERVICES	-	-	-	-	65,510	68,686	72,020	75,521	79,197
24-216-54-00-5446	PROPERTY & BLDG MAINT SERVICES	-	-	-	-	160,000	85,000	85,000	85,000	85,000
24-216-56-00-5626	HANGING BASKETS	-	-	-	-	2,000	2,000	2,000	2,000	2,000
24-216-56-00-5656	PROPERTY & BLDG MAINT SUPPLIES	-	-	-	-	25,000	25,000	25,000	25,000	25,000
24-216-60-00-6030	CITY HALL IMPROVEMENTS	-	-	-	-	6,980,000	-	-	-	-
24-216-60-00-60xx	PUBLIC WORKS FACILITY	-	-	-	-	-	-	15,056,251	-	-
2021 Bond										
24-216-82-00-8000	PRINCIPAL PAYMENT	-	-	-	-	-	315,000	325,000	330,000	340,000
24-216-82-00-8050	INTEREST PAYMENT	-	-	-	-	157,033	291,400	281,950	272,200	262,300
2023 Bond										
24-216-86-00-8000	PRINCIPAL PAYMENT	-	-	-	-	-	-	-	285,000	510,000
24-216-86-00-8050	INTEREST PAYMENT	-	-	-	-	-	-	-	733,449	505,150
	Building & Grounds Expenditures	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,554,957**	**$ 873,304**	**$ 15,981,123**	**$ 1,902,189**	**$ 1,906,905**

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
24-216-99-00-9901	TRANSFER TO GENERAL	$ -	$ -	$ -	$ -	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
24-216-99-00-9923	TRANSFER TO CITY-WIDE CAPITAL	-	-	-	-	1,995,000	-	-	-	-
	Other Financing Uses	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,030,000**	**$ 35,000**	**$ 35,000**	**$ 35,000**	**$ 35,000**
	Building & Grounds Expenditures & Transfers	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,584,957**	**$ 908,304**	**$ 16,016,123**	**$ 1,937,189**	**$ 1,941,905**
	Total Building & Grounds Fund Expenditures	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,554,957**	**$ 873,304**	**$ 15,981,123**	**$ 1,902,189**	**$ 1,906,905**
	Transfers In	$ -	$ -	$ -	$ -	$ 9,249,078	$ 791,598	$ 15,791,782	$ 1,713,305	$ 1,701,557
	(Transfers Out)	-	-	-	-	(2,030,000)	(35,000)	(35,000)	(35,000)	(35,000)
	Building & Grounds Fund Net Transfers	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,219,078**	**$ 756,598**	**$ 15,756,782**	**$ 1,678,305**	**$ 1,666,557**
	Surplus(Deficit)	**-**	**-**	**-**	**-**	**(108,632)**	**108,632**	**-**	**-**	**-**
	Fund Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ (108,632)**	**$ -**	**$ -**	**$ -**	**$ -**

Vehicle and Equipment Fund (25)

This fund was created in Fiscal Year 2014, consolidating the Police Capital, Public Works Capital and Park & Recreation Capital funds. The General Government function was added in Fiscal Year for administrative vehicle and City-wide computer purchases. This fund primarily derives its revenue from monies collected from building permits and development fees, in addition to functional cha revenue is primarily used to purchase vehicles and equipment for use in the operations of the Police, General Government, Public Works and Parks & Recreation Departments.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected
Revenues								
Intergovernmental	$ -	$ 4,795	$ -	$ -	$ -	$ -	$ -	$ -
Licenses & Permits	243,142	363,661	109,500	244,573	109,500	109,500	109,500	109,500
Fines & Forfeits	8,640	6,799	8,800	3,650	7,800	7,800	7,800	7,800
Charges for Service	232,472	92,968	373,559	1,232,289	294,830	563,210	457,388	492,378
Investment Earnings	862	2,233	1,000	1,000	1,000	1,000	1,000	1,000
Reimbursements	-	44,082	59,464	7,190	102,096	-	-	-
Miscellaneous	511	645	1,000	1,000	1,000	1,000	1,000	1,000
Total Revenues	**$ 485,627**	**$ 515,183**	**$ 553,323**	**$ 1,489,702**	**$ 516,226**	**$ 682,510**	**$ 576,688**	**$ 611,678**
Other Financing Sources	6,068	558,996	-	17,932	-	-	-	-
Total Revenues and Transfers	**$ 491,695**	**$ 1,074,179**	**$ 553,323**	**$ 1,507,634**	**$ 516,226**	**$ 682,510**	**$ 576,688**	**$ 611,678**
Police Capital Expenditures								
Contractual Services	$ 5,013	$ 4,289	$ 8,750	$ 8,750	$ 8,750	$ 8,750	$ 8,750	$ 8,750
Capital Outlay	150,707	59,702	174,500	174,500	310,000	245,000	180,000	180,000
Sub-Total Expenditures	**$ 155,720**	**$ 63,991**	**$ 183,250**	**$ 183,250**	**$ 318,750**	**$ 253,750**	**$ 188,750**	**$ 188,750**
General Government Capital Expenditures								
Supplies	$ 18,162	$ 66,720	$ 5,664	$ 4,329	$ 12,232	$ 76,309	$ 13,018	$ 48,008
Capital Outlay	44,985	-	-	-	-	-	-	-
Sub-Total Expenditures	**$ 63,147**	**$ 66,720**	**$ 5,664**	**$ 4,329**	**$ 12,232**	**$ 76,309**	**$ 13,018**	**$ 48,008**
Public Works Capital Expenditures								
Contractual Services	$ 3,504	$ 580	$ 750	$ 402	$ 750	$ 750	$ 750	$ 750
Supplies	-	-	1,000	1,000	1,000	1,000	1,000	1,000
Capital Outlay	41,932	201,110	230,000	215,315	695,000	150,000	150,000	150,000
Debt Service	72,778	66,676	69,396	69,396	69,396	69,396	69,396	69,396
Total Expenditures	**$ 118,214**	**$ 268,366**	**$ 301,146**	**$ 286,113**	**$ 766,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**
Other Financing Uses	-	531,617	-	-	-	-	-	-
Sub-Total Expenditures & Transfers	**$ 118,214**	**$ 799,983**	**$ 301,146**	**$ 286,113**	**$ 766,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**
Parks & Rec Capital Expenditures								
Contractual Services	$ -	$ 10	$ 1,600	$ 1,600	$ 1,600	$ 1,600	$ 1,600	$ 1,600
Capital Outlay	13,539	109,076	262,460	168,678	515,096	150,000	150,000	150,000
Debt Service	2,280	2,089	2,174	2,174	2,174	2,174	2,174	2,174
Total Expenditures	**$ 15,819**	**$ 111,175**	**$ 266,234**	**$ 172,452**	**$ 518,870**	**$ 153,774**	**$ 153,774**	**$ 153,774**
Other Financing Uses	-	16,656	-	-	-	-	-	-
Sub-Total Expenditures & Transfers	**$ 15,819**	**$ 127,831**	**$ 266,234**	**$ 172,452**	**$ 518,870**	**$ 153,774**	**$ 153,774**	**$ 153,774**
Total Expenditures & Transfers	**$ 352,900**	**$ 1,058,525**	**$ 756,294**	**$ 646,144**	**$ 1,615,998**	**$ 704,979**	**$ 576,688**	**$ 611,678**
Surplus (Deficit)	$ 138,795	$ 15,654	$ (202,971)	$ 861,490	$ (1,099,772)	$ (22,469)	$ -	$ -
Police Capital Fund Balance	*$ -*	*$ 73,881*	*$ -*	*$ 189,218*	*$ -*	*$ -*	*$ -*	*$ -*
General Government Fund Balance	*-*	*941*	*450*	*941*	*941*	*941*	*941*	*941*
Public Works Capital Fund Balance	*91,907*	*101,612*	*-*	*611,115*	*22,469*	*-*	*-*	*-*
Parks & Rec Capital Fund Balance	*404,135*	*335,258*	*264,563*	*571,908*	*250,000*	*250,000*	*250,000*	*250,000*
Ending Fund Balance	**$ 496,042**	**$ 511,692**	**$ 265,013**	**$ 1,373,182**	**$ 273,410**	**$ 250,941**	**$ 250,941**	**$ 250,941**



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
VEHICLE & EQUIPMENT FUND - 25										
25-000-41-00-4170	STATE GRANTS	$ -	$ 4,795	$ -	$ -	$ -	$ -	$ -	$ -	$ -
25-000-42-00-4215	DEVELOPMENT FEES - POLICE CAPITAL	63,225	92,100	30,000	63,000	30,000	30,000	30,000	30,000	30,000
25-000-42-00-4216	BUILD PROGRAM PERMITS	2,720	-	-	-	-	-	-	-	-
25-000-42-00-4217	WEATHER WARNING SIREN FEES	217	1,536	-	1,573	-	-	-	-	-
25-000-42-00-4218	ENGINEERING CAPITAL FEE	19,550	11,550	10,000	20,000	10,000	10,000	10,000	10,000	10,000
25-000-42-00-4219	DEVELOPMENT FEES - PW CAPITAL	147,655	252,600	64,500	150,000	64,500	64,500	64,500	64,500	64,500
25-000-42-00-4220	DEVELOPMENT FEES - PARK CAPITAL	9,775	5,875	5,000	10,000	5,000	5,000	5,000	5,000	5,000
25-000-43-00-4315	DUI FINES	7,994	6,023	8,000	3,000	7,000	7,000	7,000	7,000	7,000
25-000-43-00-4316	ELECTRONIC CITATION FEES	646	776	800	650	800	800	800	800	800
25-000-44-00-4418	MOWING INCOME	2,167	2,215	2,000	2,065	2,000	2,000	2,000	2,000	2,000
25-000-44-00-4419	COMMUNITY DEVELOPMENT CHARGEBACK	44,985	-	-	-	-	-	-	-	-
25-000-44-00-4420	POLICE CHARGEBACK	77,158	24,032	88,344	218,344	91,732	215,950	150,950	150,950	215,950
25-000-44-00-4421	PUBLIC WORKS CHARGEBACK	-	-	142,551	622,551	100,000	121,177	143,646	143,646	143,646
25-000-44-00-4427	PARKS & RECREATION CHARGEBACK	90,000	-	135,000	385,000	88,866	147,774	147,774	147,774	147,774
25-000-44-00-4428	COMPUTER REPLACEMENT CHARGEBACK	18,162	66,721	5,664	4,329	12,232	76,309	13,018	48,008	62,422
25-000-45-00-4522	INVESTMENT EARNINGS - PARK CAPITAL	862	1,084	1,000	1,000	1,000	1,000	1,000	1,000	1,000
25-000-45-00-4550	GAIN ON INVESTMENT	-	1,149	-	-	-	-	-	-	-
25-000-46-00-4691	MISCELLANEOUS REIMB - PW CAPITAL	-	10,368	-	-	-	-	-	-	-
25-000-46-00-4692	MISCELLANEOUS REIMB - PARK CAPITAL	-	33,714	59,464	7,190	102,096	-	-	-	-
25-000-48-00-4850	MISCELLANEOUS INCOME - GEN GOV	-	492	-	-	-	-	-	-	-
25-000-48-00-4852	MISCELLANEOUS INCOME - POLICE CAPITAL	412	87	-	-	-	-	-	-	-
25-000-48-00-4854	MISCELLANEOUS INCOME - PW CAPITAL	99	39	1,000	1,000	1,000	1,000	1,000	1,000	1,000
25-000-48-00-4855	MISCELLANEOUS INCOME - PARK CAPITAL	-	27	-	-	-	-	-	-	-
	Vehicle & Equipment Revenues	**$ 485,627**	**$ 515,183**	**$ 553,323**	**$ 1,489,702**	**$ 516,226**	**$ 682,510**	**$ 576,688**	**$ 611,678**	**$ 691,092**
25-000-49-00-4906	LOAN ISSUANCE	-	548,273	-	-	-	-	-	-	-
25-000-49-00-4910	SALE OF CAPITAL ASSETS - GEN GOV	-	450	-	-	-	-	-	-	-
25-000-49-00-4920	SALE OF CAPITAL ASSETS - POLICE CAPITAL	6,068	8,523	-	12,020	-	-	-	-	-
25-000-49-00-4921	SALE OF CAPITAL ASSETS - PW CAPITAL	-	1,300	-	-	-	-	-	-	-
25-000-49-00-4922	SALE OF CAPITAL ASSETS - PARK CAPITAL	-	450	-	5,912	-	-	-	-	-
	Other Financing Sources	**$ 6,068**	**$ 558,996**	**$ -**	**$ 17,932**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	Total Vehicle & Equipment Revenues & Transf	**$ 491,695**	**$ 1,074,179**	**$ 553,323**	**$ 1,507,634**	**$ 516,226**	**$ 682,510**	**$ 576,688**	**$ 611,678**	**$ 691,092**

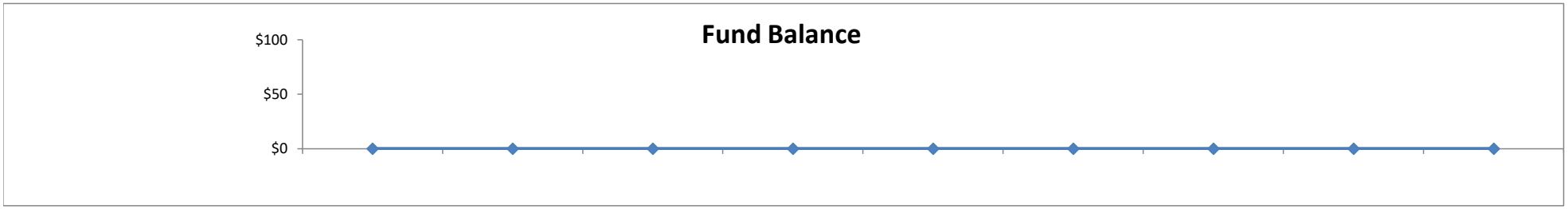
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Police Capital										
25-205-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	$ 5,013	$ 4,289	$ 8,750	$ 8,750	$ 8,750	$ 8,750	$ 8,750	$ 8,750	$ 8,750
25-205-60-00-6060	EQUIPMENT	-	-	44,500	44,500	50,000	50,000	50,000	50,000	50,000
25-205-60-00-6070	VEHICLES	150,707	59,702	130,000	130,000	260,000	195,000	130,000	130,000	195,000
	Police Capital Expenditures	**$ 155,720**	**$ 63,991**	**$ 183,250**	**$ 183,250**	**$ 318,750**	**$ 253,750**	**$ 188,750**	**$ 188,750**	**$ 253,750**
General Government Capital										
25-212-56-00-5635	COMPUTER EQUIPMENT & SOFTWARE	$ 18,162	$ 66,720	$ 5,664	$ 4,329	$ 12,232	$ 76,309	$ 13,018	$ 48,008	$ 62,422
25-212-60-00-6070	VEHICLES	44,985	-	-	-	-	-	-	-	-
	General Government Capital Expenditures	**$ 63,147**	**$ 66,720**	**$ 5,664**	**$ 4,329**	**$ 12,232**	**$ 76,309**	**$ 13,018**	**$ 48,008**	**$ 62,422**
Public Works Capital										
25-215-54-00-5405	BUILD PROGRAM	$ 2,720	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
25-215-54-00-5448	FILING FEES	784	580	750	402	750	750	750	750	750
25-215-56-00-5620	OPERATING SUPPLIES	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000
25-215-60-00-6060	EQUIPMENT	8,435	-	130,000	115,946	15,000	-	-	-	-
25-215-60-00-6070	VEHICLES	33,497	201,110	100,000	99,369	680,000	150,000	150,000	150,000	150,000
185 Wolf Street Building										
25-215-92-00-8000	PRINCIPAL PAYMENT	43,922	42,905	51,612	51,612	53,527	53,527	55,514	57,544	61,927
25-215-92-00-8050	INTEREST PAYMENT	28,856	23,771	17,784	17,784	15,869	15,869	13,882	11,852	7,469
	Public Works Capital Expenditures	**$ 118,214**	**$ 268,366**	**$ 301,146**	**$ 286,113**	**$ 766,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**
25-215-99-00-9960	PAYMENT TO ESCROW AGENT	$ -	$ 531,617	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Other Financing Uses	**$ -**	**$ 531,617**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	Total Public Works Capital Expenditures & Transfers	**$ 118,214**	**$ 799,983**	**$ 301,146**	**$ 286,113**	**$ 766,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**	**$ 221,146**
Parks & Recreation Capital										
25-225-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	$ -	$ 10	$ 1,600	$ 1,600	$ 1,600	$ 1,600	$ 1,600	$ 1,600	$ 1,600
25-225-60-00-6010	PARK IMPROVEMENTS	-	33,714	59,464	7,190	152,096	50,000	50,000	50,000	50,000
25-225-60-00-6013	BEECHER CENTER PARK	-	-	50,000	45,000	-	-	-	-	-
25-225-60-00-6020	BUILDING & STRUCTURES	-	7,404	12,596	4,465	-	-	-	-	-
25-225-60-00-6060	EQUIPMENT	13,539	-	10,400	52,888	50,000	50,000	50,000	50,000	50,000
25-225-60-00-6070	VEHICLES	-	67,958	130,000	59,135	313,000	50,000	50,000	50,000	50,000

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
185 Wolf Street Building										
25-225-92-00-8000	PRINCIPAL PAYMENT	1,376	1,344	1,617	1,617	1,677	1,677	1,739	1,803	1,940
25-225-92-00-8050	INTEREST PAYMENT	904	745	557	557	497	497	435	371	234
	Parks & Recreation Capital Expenditures	**$ 15,819**	**$ 111,175**	**$ 266,234**	**$ 172,452**	**$ 518,870**	**$ 153,774**	**$ 153,774**	**$ 153,774**	**$ 153,774**
25-225-99-00-9960	PAYMENT TO ESCROW AGENT	-	16,656	-	-	-	-	-	-	-
	Other Financing Uses	**$ -**	**$ 16,656**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	Total Parks & Recreation Capital Expenditures & Transfers	**$ 15,819**	**$ 127,831**	**$ 266,234**	**$ 172,452**	**$ 518,870**	**$ 153,774**	**$ 153,774**	**$ 153,774**	**$ 153,774**
	Total Vehicle & Equipment Fund Expenditures	**$ 352,900**	**$ 510,252**	**$ 756,294**	**$ 646,144**	**$ 1,615,998**	**$ 704,979**	**$ 576,688**	**$ 611,678**	**$ 691,092**
	Transfers In	$ 6,068	$ 558,996	$ -	$ 17,932	$ -	$ -	$ -	$ -	$ -
	(Transfers Out)	-	(548,273)	-	-	-	-	-	-	-
	Vehicle & Equipment Fund Net Transfers	**$ 6,068**	**$ 10,723**	**$ -**	**$ 17,932**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	Surplus(Deficit)	**138,795**	**15,654**	**(202,971)**	**861,490**	**(1,099,772)**	**(22,469)**	**-**	**-**	**-**
	Fund Balance - Police Capital	***$ -***	***$ 73,881***	***$ -***	***$ 189,218***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***
	Fund Balance - General Government	***-***	***941***	***450***	***941***	***941***	***941***	***941***	***941***	***941***
	Fund Balance - Public Works Capital	***91,907***	***101,612***	***-***	***611,115***	***22,469***	***-***	***-***	***-***	***-***
	Fund Balance - Parks & Rec Capital	***404,135***	***335,258***	***264,563***	***571,908***	***250,000***	***250,000***	***250,000***	***250,000***	***250,000***
	Fund Balance	**$ 496,042**	**$ 511,692**	**$ 265,013**	**$ 1,373,182**	**$ 273,410**	**$ 250,941**	**$ 250,941**	**$ 250,941**	**$ 250,941**

Debt Service Fund (42)

The Debt Service Fund accumulates monies for payment of the 2014B bonds, which refinanced the 2005A bonds. The 2005A bonds were originally issued to finance road improvement projects.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Licenses & Permits	$ 8,944	$ 8,555	$ 8,000	$ 12,000	$ 8,000	$ 8,000	$ -	$ -	$ -
Total Revenues	**$ 8,944**	**$ 8,555**	**$ 8,000**	**$ 12,000**	**$ 8,000**	**$ 8,000**	**$ -**	**$ -**	**$ -**
Other Financing Sources	315,781	315,470	315,225	311,225	321,375	322,075	-	-	-
Total Revenue	**$ 324,725**	**$ 324,025**	**$ 323,225**	**$ 323,225**	**$ 329,375**	**$ 330,075**	**$ -**	**$ -**	**$ -**
Expenditures									
Contractual Services	$ 475	$ 475	$ 475	$ 475	$ 475	$ 475	$ -	$ -	$ -
Debt Service	324,250	323,550	322,750	322,750	328,900	329,600	-	-	-
Total Expenditures	**$ 324,725**	**$ 324,025**	**$ 323,225**	**$ 323,225**	**$ 329,375**	**$ 330,075**	**$ -**	**$ -**	**$ -**
Surplus (Deficit)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Ending Fund Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

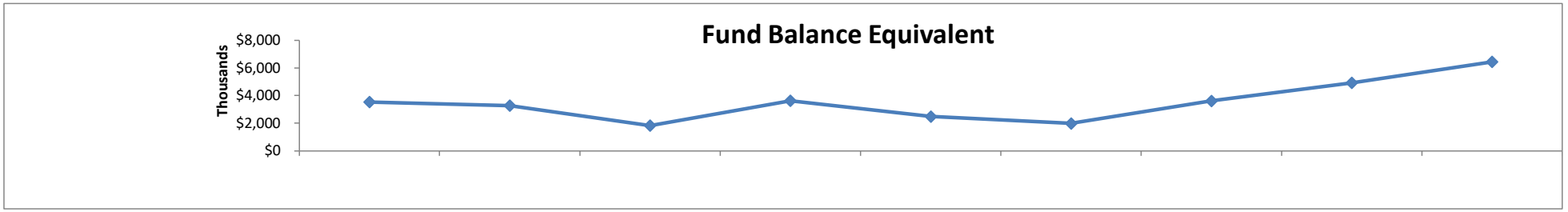


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
DEBT SERVICE FUND - 42										
42-000-42-00-4208	RECAPTURE FEES - WATER & SEWER	$ 8,944	$ 8,555	$ 8,000	$ 12,000	$ 8,000	$ 8,000	$ -	$ -	$ -
	Debt Service Fund Revenues	**$ 8,944**	**$ 8,555**	**$ 8,000**	**$ 12,000**	**$ 8,000**	**$ 8,000**	**$ -**	**$ -**	**$ -**
42-000-49-00-4901	TRANSFER FROM GENERAL	$ 315,781	$ 315,470	$ 315,225	$ 311,225	$ 321,375	$ 322,075	$ -	$ -	$ -
	Other Financing Sources	**$ 315,781**	**$ 315,470**	**$ 315,225**	**$ 311,225**	**$ 321,375**	**$ 322,075**	**$ -**	**$ -**	**$ -**
	Debt Service Fund Revenues & Transfers	**$ 324,725**	**$ 324,025**	**$ 323,225**	**$ 323,225**	**$ 329,375**	**$ 330,075**	**$ -**	**$ -**	**$ -**
42-420-54-00-5498	PAYING AGENT FEES	$ 475	$ 475	$ 475	$ 475	$ 475	475	-	-	-
2014B Refunding Bond										
42-420-79-00-8000	PRINCIPAL PAYMENT	285,000	290,000	295,000	295,000	310,000	$ 320,000	$ -	$ -	$ -
42-420-79-00-8050	INTEREST PAYMENT	39,250	33,550	27,750	27,750	18,900	9,600	-	-	-
	Debt Service Fund Expenditures	**$ 324,725**	**$ 324,025**	**$ 323,225**	**$ 323,225**	**$ 329,375**	**$ 330,075**	**$ -**	**$ -**	**$ -**
	Surplus(Deficit)	-	-	-	-	-	-	-	-	-
	Fund Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Water Fund (51)

The Water Fund is an enterprise fund which is comprised of both a capital and operational budget. The capital portion is used for the improvement and expansion of water infrastructure, while the operational side is used to service and maintain City water systems.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Licenses & Permits	$ 27,465	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Charges for Service	4,529,887	4,440,881	4,350,250	4,890,000	4,643,894	4,824,348	5,013,569	5,211,993	5,420,083
Investment Earnings	19,100	27,873	22,557	1,700	3,000	10,000	15,000	20,000	25,000
Reimbursements	15,659	11,110	-	2,000	-	-	-	-	-
Miscellaneous	62,943	101,330	100,260	100,043	102,894	105,601	108,384	111,246	114,187
Total Revenues	**$ 4,655,054**	**$ 4,581,194**	**$ 4,473,067**	**$ 4,993,743**	**$ 4,749,788**	**$ 4,939,949**	**$ 5,136,953**	**$ 5,343,239**	**$ 5,559,270**
Other Financing Sources	142,707	178,781	179,020	179,020	180,233	177,859	178,752	173,559	55,366
Total Revenues and Transfers	**$ 4,797,761**	**$ 4,759,975**	**$ 4,652,087**	**$ 5,172,763**	**$ 4,930,021**	**$ 5,117,808**	**$ 5,315,705**	**$ 5,516,798**	**$ 5,614,636**
Expenses									
Salaries	$ 392,273	$ 403,984	$ 509,530	$ 454,000	$ 526,764	$ 527,446	$ 539,582	$ 554,509	$ 569,884
Benefits	202,514	195,247	241,168	236,509	242,893	255,633	271,010	287,732	304,151
Contractual Services	805,723	848,173	1,078,983	973,165	1,075,631	1,038,297	1,030,012	1,014,357	1,043,531
Supplies	332,310	388,696	359,273	420,733	370,225	372,694	384,137	396,184	408,867
Capital Outlay	583,333	827,158	1,333,243	429,626	2,040,580	1,765,905	747,000	905,000	1,057,000
Debt Service	1,532,844	2,361,500	2,305,935	2,305,935	1,815,830	1,654,108	714,373	702,673	358,446
Total Expenses	**$ 3,848,997**	**$ 5,024,758**	**$ 5,828,132**	**$ 4,819,968**	**$ 6,071,923**	**$ 5,614,083**	**$ 3,686,114**	**$ 3,860,455**	**$ 3,741,879**
Other Financing Uses	-	-	-	-	-	-	-	**348,819**	**347,689**
Total Expenses & Transfers	**$ 3,848,997**	**$ 5,024,758**	**$ 5,828,132**	**$ 4,819,968**	**$ 6,071,923**	**$ 5,614,083**	**$ 3,686,114**	**$ 4,209,274**	**$ 4,089,568**
Surplus (Deficit)	$ 948,764	$ (264,783)	$ (1,176,045)	$ 352,795	$ (1,141,902)	$ (496,275)	$ 1,629,591	$ 1,307,524	$ 1,525,068
Ending Fund Balance Equivalent	**$ 3,533,027**	**$ 3,268,245**	**$ 1,827,113**	**$ 3,621,040**	**$ 2,479,138**	**$ 1,982,863**	**$ 3,612,454**	**$ 4,919,978**	**$ 6,445,046**
	91.79%	*65.04%*	*31.35%*	*75.13%*	*40.83%*	*35.32%*	*98.00%*	*116.88%*	*157.60%*



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
WATER FUND - 51										
51-000-42-00-4216	BUILD PROGRAM PERMITS	$ 27,465	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
51-000-44-00-4424	WATER SALES	3,117,978	3,049,572	3,129,000	3,250,000	3,412,500	3,583,125	3,762,281	3,950,395	4,147,915
51-000-44-00-4425	BULK WATER SALES	550	10,700	5,000	5,000	5,000	5,000	5,000	5,000	5,000
51-000-44-00-4426	LATE PENALTIES - WATER	111,720	103,063	131,250	-	116,394	121,223	126,288	131,598	137,168
51-000-44-00-4430	WATER METER SALES	157,475	135,841	60,000	220,000	60,000	60,000	60,000	60,000	60,000
51-000-44-00-4440	WATER INFRASTRUCTURE FEE	775,984	799,153	795,000	815,000	820,000	825,000	830,000	835,000	840,000
51-000-44-00-4450	WATER CONNECTION FEES	366,180	342,552	230,000	600,000	230,000	230,000	230,000	230,000	230,000
51-000-45-00-4500	INVESTMENT EARNINGS	19,100	21,180	22,557	1,700	3,000	10,000	15,000	20,000	25,000
51-000-45-00-4550	GAIN ON INVESTMENT	-	6,693	-	-	-	-	-	-	-
51-000-46-00-4690	REIMB - MISCELLANEOUS	15,659	11,110	-	2,000	-	-	-	-	-
51-000-48-00-4820	RENTAL INCOME	61,798	100,814	100,010	99,793	102,644	105,351	108,134	110,996	113,937
51-000-48-00-4850	MISCELLANEOUS INCOME	1,145	516	250	250	250	250	250	250	250
	Water Fund Revenues	**$ 4,655,054**	**$ 4,581,194**	**$ 4,473,067**	**$ 4,993,743**	**$ 4,749,788**	**$ 4,939,949**	**$ 5,136,953**	**$ 5,343,239**	**$ 5,559,270**
51-000-49-00-4923	TRANSFER FROM CITY-WIDE CAPITAL	65,032	104,906	103,895	103,895	104,558	104,209	104,627	104,034	55,366
51-000-49-00-4952	TRANSFER FROM SEWER	77,675	73,875	75,125	75,125	75,675	73,650	74,125	69,525	-
	Other Financing Sources	**$ 142,707**	**$ 178,781**	**$ 179,020**	**$ 179,020**	**$ 180,233**	**$ 177,859**	**$ 178,752**	**$ 173,559**	**$ 55,366**
	Total Water Fund Revenues & Transfers	**$ 4,797,761**	**$ 4,759,975**	**$ 4,652,087**	**$ 5,172,763**	**$ 4,930,021**	**$ 5,117,808**	**$ 5,315,705**	**$ 5,516,798**	**$ 5,614,636**
Water Operations Department										
51-510-50-00-5010	SALARIES & WAGES	$ 375,615	$ 392,258	$ 457,530	$ 442,000	$ 474,764	$ 485,446	$ 497,582	$ 512,509	$ 527,884
51-510-50-00-5015	PART-TIME SALARIES	5,328	4,177	30,000	-	30,000	30,000	30,000	30,000	30,000
51-510-50-00-5020	OVERTIME	11,330	7,549	22,000	12,000	22,000	12,000	12,000	12,000	12,000
51-510-52-00-5212	RETIREMENT PLAN CONTRIBUTION	39,059	39,564	54,251	52,000	55,803	56,958	59,825	62,941	64,786
51-510-52-00-5214	FICA CONTRIBUTION	28,530	29,650	37,576	35,000	39,072	39,951	40,950	42,179	43,444
51-510-52-00-5216	GROUP HEALTH INSURANCE	97,544	88,497	107,430	109,387	104,786	113,169	122,223	132,001	142,561
51-510-52-00-5222	GROUP LIFE INSURANCE	458	428	543	540	548	553	559	565	571
51-510-52-00-5223	DENTAL INSURANCE	7,033	6,657	7,278	7,127	8,351	8,769	9,207	9,667	10,150
51-510-52-00-5224	VISION INSURANCE	1,034	984	1,129	1,188	1,310	1,349	1,389	1,431	1,474
51-510-52-00-5230	UNEMPLOYMENT INSURANCE	1,559	1,374	2,000	2,000	2,000	2,000	2,000	2,000	2,000
51-510-52-00-5231	LIABILITY INSURANCE	27,297	28,093	30,961	29,267	31,023	32,884	34,857	36,948	39,165
51-510-54-00-5401	ADMINISTRATIVE CHARGEBACK	111,629	118,631	124,225	124,225	128,975	131,877	135,174	139,229	143,406
51-510-54-00-5402	BOND ISSUANCE COSTS	-	-	-	-	-	-	33,659	-	-
51-510-54-00-5405	BUILD PROGRAM	27,465	-	-	-	-	-	-	-	-
51-510-54-00-5412	TRAINING & CONFERENCES	2,251	3,242	9,200	4,600	9,200	9,200	9,200	9,200	9,200
51-510-54-00-5415	TRAVEL & LODGING	1,278	768	4,000	-	4,000	4,000	4,000	4,000	4,000
51-510-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	316	8,944	-	-	-	10,848	-	-	11,493
51-510-54-00-5426	PUBLISHING & ADVERTISING	1,359	449	500	500	500	500	500	500	500
51-510-54-00-5429	WATER SAMPLES	5,192	16,089	8,000	8,000	8,000	8,000	10,000	8,000	8,000
51-510-54-00-5430	PRINTING & DUPLICATING	2,698	3,367	3,250	3,250	3,250	3,250	3,250	3,250	3,250

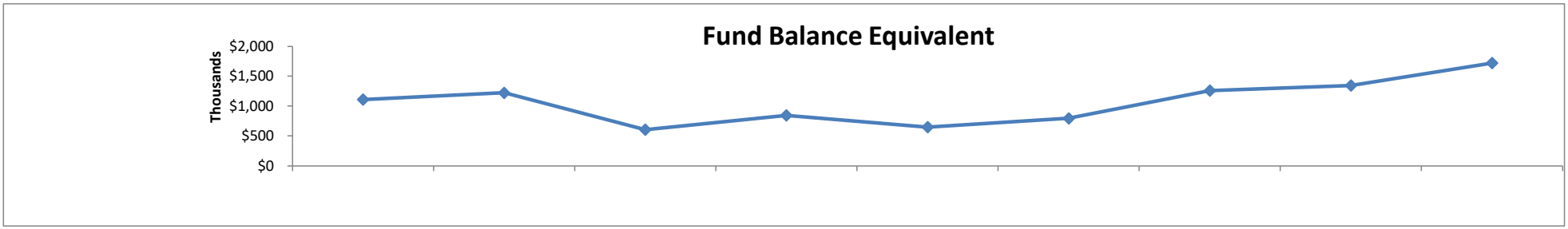
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
51-510-54-00-5440	TELECOMMUNICATIONS	32,084	47,667	40,000	40,000	40,000	40,000	40,000	40,000	40,000
51-510-54-00-5445	TREATMENT FACILITY SERVICES	179,222	204,593	255,000	255,000	225,000	230,000	230,000	210,000	200,000
51-510-54-00-5448	FILING FEES	2,696	1,934	3,000	3,000	3,000	3,000	3,000	3,000	3,000
51-510-54-00-5452	POSTAGE & SHIPPING	15,815	21,640	19,000	20,000	20,000	20,000	20,000	20,000	20,000
51-510-54-00-5453	BUILDINGS & GROUNDS CHARGEBACK	-	-	-	-	14,377	15,741	16,144	16,970	18,559
51-510-54-00-5460	DUES & SUBSCRIPTIONS	478	1,646	2,500	2,500	2,500	2,500	2,500	2,500	2,500
51-510-54-00-5462	PROFESSIONAL SERVICES	96,790	88,766	155,000	92,500	166,000	159,750	103,500	92,500	92,500
51-510-54-00-5465	ENGINEERING SERVICES	17,271	13,577	85,000	80,000	75,000	5,000	5,000	30,000	30,000
51-510-54-00-5480	UTILITIES	284,677	283,487	309,520	295,000	312,700	331,462	351,350	372,431	394,777
51-510-54-00-5483	JULIE SERVICES	2,190	3,114	3,000	3,000	4,500	4,500	4,500	4,500	4,500
51-510-54-00-5485	RENTAL & LEASE PURCHASE	1,040	1,948	1,700	2,000	2,000	2,000	2,000	2,000	2,000
51-510-54-00-5488	OFFICE CLEANING	1,020	791	788	1,290	1,329	1,369	1,410	1,452	1,496
51-510-54-00-5490	VEHICLE MAINTENANCE SERVICES	12,403	10,978	12,000	12,000	12,000	12,000	12,000	12,000	12,000
51-510-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	2,421	11,105	32,000	15,000	32,000	32,000	32,000	32,000	32,000
51-510-54-00-5498	PAYING AGENT FEES	1,888	1,299	1,300	1,300	1,300	1,300	825	825	350
51-510-54-00-5499	BAD DEBT	3,540	4,138	10,000	10,000	10,000	10,000	10,000	10,000	10,000
51-510-56-00-5600	WEARING APPAREL	2,026	3,518	5,000	5,000	5,000	5,000	5,000	5,000	5,000
51-510-56-00-5620	OPERATING SUPPLIES	5,793	8,075	16,000	16,000	11,000	11,000	11,000	11,000	11,000
51-510-56-00-5628	VEHICLE MAINTENANCE SUPPLIES	1,547	1,532	2,500	2,500	2,500	2,500	2,500	2,500	2,500
51-510-56-00-5630	SMALL TOOLS & EQUIPMENT	583	862	4,000	4,000	8,400	4,000	4,000	4,000	4,000
51-510-56-00-5638	TREATMENT FACILITY SUPPLIES	158,763	178,975	178,500	178,500	191,425	196,796	206,636	216,968	227,816
51-510-56-00-5640	REPAIR & MAINTENANCE	5,942	8,945	27,500	27,500	27,500	27,500	27,500	27,500	27,500
51-510-56-00-5664	METERS & PARTS	136,571	164,887	100,000	165,000	100,000	100,000	100,000	100,000	100,000
51-510-56-00-5665	JULIE SUPPLIES	380	2,681	2,233	2,233	3,000	3,000	3,000	3,000	3,000
51-510-56-00-5695	GASOLINE	20,705	19,221	23,540	20,000	21,400	22,898	24,501	26,216	28,051
51-510-60-00-6011	PROPERTY ACQUISITION	-	-	-	-	-	-	-	200,000	200,000
51-510-60-00-6015	WATER TOWER PAINTING	-	-	18,000	-	20,000	520,000	20,000	530,000	-
51-510-60-00-6022	WELL REHABILITATIONS	119,204	492	-	-	192,000	200,000	-	-	-
51-510-60-00-6025	ROAD TO BETTER ROADS PROGRAM	15,564	631,491	634,000	35,000	950,000	847,000	720,000	168,000	850,000
51-510-60-00-6034	WHISPERING MEADOWS SUBDIVISION	42,560	271	-	-	-	-	-	-	-
51-510-60-00-6059	US 34 (IL 47 / ORCHARD RD) PROJECT	14,939	4,475	7,700	-	21,000	-	-	-	-
51-510-60-00-6060	EQUIPMENT	-	76,438	500,300	81,165	463,000	7,000	7,000	7,000	7,000
51-510-60-00-6066	RTE 71 WATERMAIN REPLACEMENT	288,136	8,997	12,871	26,686	33,208	-	-	-	-
51-510-60-00-6070	VEHICLES	44,877	-	90,000	90,000	100,000	-	-	-	-
51-510-60-00-6079	ROUTE 47 EXPANSION	58,053	45,372	45,372	45,372	45,372	18,905	-	-	-
51-510-60-00-6081	CATION EXCHANGE MEDIA REPLACEMENT	-	59,622	25,000	151,403	216,000	173,000	-	-	-
2015A Bond										
51-510-77-00-8000	PRINCIPAL PAYMENT	117,668	290,483	297,837	297,837	312,545	323,576	338,284	349,315	158,111
51-510-77-00-8050	INTEREST PAYMENT	156,496	151,787	140,167	140,167	128,254	115,752	102,809	89,278	75,305
Debt Service - 2016 Refunding Bond										
51-510-85-00-8000	PRINCIPAL PAYMENT	470,000	1,470,000	1,475,000	1,475,000	1,040,000	915,000	-	-	-

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
51-510-85-00-8050	INTEREST PAYMENT	195,250	176,450	117,650	117,650	58,650	27,450	-	-	-
Debt Service - 2003 Debt Certificates										
51-510-86-00-8000	PRINCIPAL PAYMENT	300,000	-	-	-	-	-	-	-	-
51-510-86-00-8050	INTEREST EXPENSE	13,050	-	-	-	-	-	-	-	-
Debt Service - IEPA Loan L17-156300										
51-510-89-00-8000	PRINCIPAL PAYMENT	101,860	104,423	107,050	107,050	109,743	112,503	115,333	118,235	121,209
51-510-89-00-8050	INTEREST EXPENSE	23,170	20,607	17,981	17,981	15,288	12,527	9,697	6,795	3,821
Debt Service - 2014C Refunding Bond										
51-510-94-00-8000	PRINCIPAL PAYMENT	130,000	125,000	130,000	130,000	135,000	135,000	140,000	135,000	-
51-510-94-00-8050	INTEREST PAYMENT	25,350	22,750	20,250	20,250	16,350	12,300	8,250	4,050	-
	Water Fund Expenses	**$ 3,848,997**	**$ 5,024,758**	**$ 5,828,132**	**$ 4,819,968**	**$ 6,071,923**	**$ 5,614,083**	**$ 3,686,114**	**$ 3,860,455**	**$ 3,741,879**
51-510-99-00-9924	TRANSFER TO BUILDINGS & GROUNDS	-	-	-	-	-	-	-	**348,819**	**347,689**
	Other Financing Uses	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 348,819**	**$ 347,689**
	Total Water Fund Expenses	**$ 3,848,997**	**$ 5,024,758**	**$ 5,828,132**	**$ 4,819,968**	**$ 6,071,923**	**$ 5,614,083**	**$ 3,686,114**	**$ 3,860,455**	**$ 3,741,879**
	Transfers In	$ 142,707	$ 178,781	$ 179,020	$ 179,020	$ 180,233	$ 177,859	$ 178,752	$ 173,559	$ 55,366
	(Transfers Out)	-	-	-	-	-	-	-	(348,819)	(347,689)
	Water Fund Net Transfers	**$ 142,707**	**$ 178,781**	**$ 179,020**	**$ 179,020**	**$ 180,233**	**$ 177,859**	**$ 178,752**	**$ (175,260)**	**$ (292,323)**
	Surplus(Deficit)	**948,764**	**(264,783)**	**(1,176,045)**	**352,795**	**(1,141,902)**	**(496,275)**	**1,629,591**	**1,307,524**	**1,525,068**
	Fund Balance Equivalent	**$ 3,533,027**	**$ 3,268,245**	**$ 1,827,113**	**$ 3,621,040**	**$ 2,479,138**	**$ 1,982,863**	**$ 3,612,454**	**$ 4,919,978**	**$ 6,445,046**
		91.79%	*65.04%*	*31.35%*	*75.13%*	*40.83%*	*35.32%*	*98.00%*	*116.88%*	*157.60%*

Sewer Fund (52)

The Sewer Fund is an enterprise fund which is comprised of both a capital and operational budget. The capital portion is used for improvement and expansion of the sanitary sewer infrastructure while the operational side allows the City to service and maintain sanitary sewer systems.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Licenses & Permits	$ 18,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Charges for Service	1,534,159	1,601,847	1,635,650	1,695,228	1,669,853	1,706,924	1,744,956	1,783,976	1,824,016
Investment Earnings	9,679	38,751	7,473	650	1,500	2,500	5,000	7,500	10,000
Reimbursements	4,885	1,630	-	1,800	-	-	-	-	-
Total Revenues	**$ 1,566,723**	**$ 1,642,228**	**$ 1,643,123**	**$ 1,697,678**	**$ 1,671,353**	**$ 1,709,424**	**$ 1,749,956**	**$ 1,791,476**	**$ 1,834,016**
Other Financing Sources	856,583	575,030	174,744	174,744	586,749	994,479	1,134,606	1,136,806	1,147,080
Total Revenues and Transfers	**$ 2,423,306**	**$ 2,217,258**	**$ 1,817,867**	**$ 1,872,422**	**$ 2,258,102**	**$ 2,703,903**	**$ 2,884,562**	**$ 2,928,282**	**$ 2,981,096**
Expenses									
Salaries	$ 192,724	$ 203,811	$ 256,061	$ 243,250	$ 267,399	$ 273,253	$ 279,904	$ 288,085	$ 296,511
Benefits	96,011	119,911	147,784	135,772	148,791	157,872	167,896	178,783	189,662
Contractual Services	145,994	140,242	234,167	274,689	254,860	241,835	240,958	212,666	233,280
Supplies	60,342	51,182	68,256	58,463	65,563	61,930	62,980	64,083	65,241
Capital Outlay	235,161	132,845	204,361	161,685	341,309	449,370	460,000	660,000	440,000
Developer Commitments	35,938	30,948	-	-	-	-	-	-	-
Debt Service	1,880,265	1,352,307	1,300,798	1,300,798	1,300,780	1,299,024	1,134,606	1,136,806	1,147,080
Total Expenses	**$ 2,646,435**	**$ 2,031,246**	**$ 2,211,427**	**$ 2,174,657**	**$ 2,378,702**	**$ 2,483,284**	**$ 2,346,344**	**$ 2,540,423**	**$ 2,371,774**
Other Financing Uses	77,675	73,875	75,125	75,125	75,675	73,650	74,125	303,666	233,383
Total Expenses & Transfers	**$ 2,724,110**	**$ 2,105,121**	**$ 2,286,552**	**$ 2,249,782**	**$ 2,454,377**	**$ 2,556,934**	**$ 2,420,469**	**$ 2,844,089**	**$ 2,605,157**
Surplus (Deficit)	$ (300,804)	$ 112,137	$ (468,685)	$ (377,360)	$ (196,275)	$ 146,969	$ 464,093	$ 84,193	$ 375,939
Ending Fund Balance Equivalent	**$ 1,110,251**	**$ 1,222,388**	**$ 606,819**	**$ 845,028**	**$ 648,753**	**$ 795,722**	**$ 1,259,815**	**$ 1,344,008**	**$ 1,719,947**
	40.76%	*58.07%*	*26.54%*	*37.56%*	*26.43%*	*31.12%*	*52.05%*	*47.26%*	*66.02%*



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
SEWER FUND - 52										
52-000-42-00-4216	BUILD PROGRAM PERMITS	$ 18,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
52-000-44-00-4435	SEWER MAINTENANCE FEES	970,506	1,000,794	1,024,850	1,024,850	1,055,596	1,087,264	1,119,882	1,153,478	1,188,082
52-000-44-00-4440	SEWER INFRASTRUCTURE FEE	375,560	387,142	390,000	390,000	395,000	400,000	405,000	410,000	415,000
52-000-44-00-4455	SW CONNECTION FEES - OPERATIONS	89,378	74,200	23,300	75,000	23,300	23,300	23,300	23,300	23,300
52-000-44-00-4456	SW CONNECTION FEES - CAPITAL	82,800	124,500	180,000	205,000	180,000	180,000	180,000	180,000	180,000
52-000-44-00-4462	LATE PENALTIES - SEWER	15,537	14,611	17,500	-	15,957	16,360	16,774	17,198	17,634
52-000-44-00-4465	RIVER CROSSING FEES	378	600	-	378	-	-	-	-	-
52-000-45-00-4500	INVESTMENT EARNINGS	9,679	7,292	7,473	650	1,500	2,500	5,000	7,500	10,000
52-000-45-00-4550	GAIN ON INVESTMENT	-	31,459	-	-	-	-	-	-	-
52-000-46-00-4690	REIMB - MISCELLANEOUS	4,885	1,630	-	1,800	-	-	-	-	-
	Sewer Fund Revenues	**$ 1,566,723**	**$ 1,642,228**	**$ 1,643,123**	**$ 1,697,678**	**$ 1,671,353**	**$ 1,709,424**	**$ 1,749,956**	**$ 1,791,476**	**$ 1,834,016**
52-000-49-00-4901	TRANSFER FROM GENERAL	$ 856,583	$ 575,030	$ 174,744	$ 174,744	$ 586,749	$ 994,479	$ 1,134,606	$ 1,136,806	$ 1,147,080
	Other Financing Sources	**$ 856,583**	**$ 575,030**	**$ 174,744**	**$ 174,744**	**$ 586,749**	**$ 994,479**	**$ 1,134,606**	**$ 1,136,806**	**$ 1,147,080**
	Sewer Fund Revenues & Transfers	**$ 2,423,306**	**$ 2,217,258**	**$ 1,817,867**	**$ 1,872,422**	**$ 2,258,102**	**$ 2,703,903**	**$ 2,884,562**	**$ 2,928,282**	**$ 2,981,096**
Sewer Operations Department										
52-520-50-00-5010	SALARIES & WAGES	$ 192,436	$ 198,203	$ 250,561	$ 243,000	$ 260,179	$ 266,033	$ 272,684	$ 280,865	$ 289,291
52-520-50-00-5015	PART-TIME SALARIES	112	5,328	5,000	-	6,720	6,720	6,720	6,720	6,720
52-520-50-00-5020	OVERTIME	176	280	500	250	500	500	500	500	500
52-520-52-00-5212	RETIREMENT PLAN CONTRIBUTION	19,737	19,733	28,403	28,000	29,283	30,518	32,072	33,764	34,775
52-520-52-00-5214	FICA CONTRIBUTION	14,273	14,720	18,509	18,509	19,563	20,003	20,503	21,118	21,752
52-520-52-00-5216	GROUP HEALTH INSURANCE	43,862	65,585	79,026	68,202	77,651	83,863	90,572	97,818	105,643
52-520-52-00-5222	GROUP LIFE INSURANCE	212	242	314	314	317	320	323	326	329
52-520-52-00-5223	DENTAL INSURANCE	3,367	4,644	5,021	4,917	5,272	5,536	5,813	6,104	6,409
52-520-52-00-5224	VISION INSURANCE	493	647	736	795	819	844	869	895	922
52-520-52-00-5230	UNEMPLOYMENT INSURANCE	820	724	750	850	850	850	850	850	850
52-520-52-00-5231	LIABILITY INSURANCE	13,247	13,616	15,025	14,185	15,036	15,938	16,894	17,908	18,982
52-520-54-00-5401	ADMINISTRATIVE CHARGEBACK	40,176	42,696	44,709	44,709	46,419	47,463	48,650	50,110	51,613
52-520-54-00-5402	BOND ISSUANCE COSTS	-	-	-	-	-	-	22,593	-	-
52-520-54-00-5405	BUILD PROGRAM	18,000	-	-	-	-	-	-	-	-
52-520-54-00-5412	TRAINING & CONFERENCES	277	1,570	3,500	1,500	3,500	3,500	3,500	3,500	3,500
52-520-54-00-5415	TRAVEL & LODGING	1,308	1,216	3,000	-	3,000	3,000	3,000	3,000	3,000
52-520-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	316	5,176	-	-	-	8,065	-	-	8,720
52-520-54-00-5430	PRINTING & DUPLICATING	1,286	1,630	1,500	1,500	1,500	1,500	1,500	1,500	1,500
52-520-54-00-5440	TELECOMMUNICATIONS	8,307	8,641	13,500	13,500	13,500	13,500	13,500	13,500	13,500
52-520-54-00-5444	LIFT STATION SERVICES	14,783	15,591	64,000	94,162	36,000	20,000	20,000	20,000	20,000
52-520-54-00-5453	BUILDINGS & GROUNDS CHARGEBACK	-	-	-	-	54,113	47,674	40,685	31,782	40,325
52-520-54-00-5462	PROFESSIONAL SERVICES	18,260	18,556	45,500	33,000	35,500	34,250	23,000	23,000	23,000

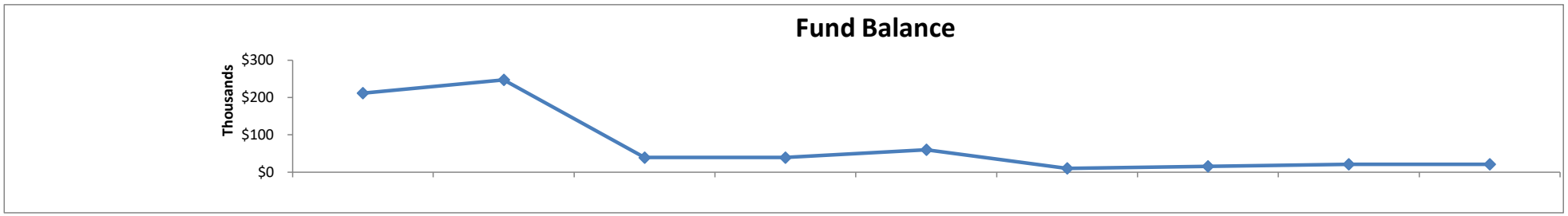
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
52-520-54-00-5480	UTILITIES	13,748	24,249	23,820	23,820	25,249	26,764	28,370	30,072	31,876
52-520-54-00-5483	JULIE SERVICES	2,190	3,114	3,000	3,000	4,500	4,500	4,500	4,500	4,500
52-520-54-00-5485	RENTAL & LEASE PURCHASE	1,031	1,497	1,100	1,500	1,500	1,500	1,500	1,500	1,500
52-520-54-00-5488	OFFICE CLEANING	737	791	788	1,309	1,329	1,369	1,410	1,452	1,496
52-520-54-00-5490	VEHICLE MAINTENANCE SERVICES	12,605	5,542	10,000	45,000	10,000	10,000	10,000	10,000	10,000
52-520-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	11,030	7,988	16,000	8,000	16,000	16,000	16,000	16,000	16,000
52-520-54-00-5498	PAYING AGENT FEES	689	589	750	689	750	750	750	750	750
52-520-54-00-5499	BAD DEBT	1,251	1,396	3,000	3,000	2,000	2,000	2,000	2,000	2,000
52-520-56-00-5600	WEARING APPAREL	2,289	1,354	3,980	3,980	3,980	3,980	3,980	3,980	3,980
52-520-56-00-5610	OFFICE SUPPLIES	870	1,667	1,000	1,250	1,250	1,250	1,250	1,250	1,250
52-520-56-00-5613	LIFT STATION MAINTENANCE	19,361	9,473	8,000	8,000	8,000	8,000	8,000	8,000	8,000
52-520-56-00-5620	OPERATING SUPPLIES	5,332	9,351	12,000	12,000	9,500	9,500	9,500	9,500	9,500
52-520-56-00-5628	VEHICLE MAINTENANCE SUPPLIES	8,968	4,786	10,000	10,000	10,000	10,000	10,000	10,000	10,000
52-520-56-00-5630	SMALL TOOLS & EQUIPMENT	775	1,157	2,000	2,000	5,600	2,000	2,000	2,000	2,000
52-520-56-00-5640	REPAIR & MAINTENANCE	2,497	3,008	5,000	4,000	5,000	5,000	5,000	5,000	5,000
52-520-56-00-5665	JULIE SUPPLIES	380	2,680	2,233	2,233	2,233	1,200	1,200	1,200	1,200
52-520-56-00-5695	GASOLINE	19,870	17,706	24,043	15,000	20,000	21,000	22,050	23,153	24,311
52-520-60-00-6001	SCADA SYSTEM	-	-	67,000	88,495	67,000	-	-	-	-
52-520-60-00-6025	ROAD TO BETTER ROADS PROGRAM	134,529	59,900	-	-	-	440,000	460,000	660,000	440,000
52-520-60-00-6034	WHISPERING MEADOWS SUBDIVISION	73,554	-	-	-	-	-	-	-	-
52-520-60-00-6059	US 34 (IL 47 / ORCHARD RD) PROJECT	978	236	650	-	1,100	-	-	-	-
52-520-60-00-6060	EQUIPMENT	-	-	80,000	-	82,000	-	-	-	-
52-520-60-00-6066	RTE 71 SANITARY SEWER REPLACEMENT	574	12,225	34,223	50,702	68,721	-	-	-	-
52-520-60-00-6070	VEHICLES	-	38,002	-	-	100,000	-	-	-	-
52-520-60-00-6079	ROUTE 47 EXPANSION	25,526	22,482	22,488	22,488	22,488	9,370	-	-	-
52-520-75-00-7500	LENNAR - RAINTREE SEWER RECAPTURE	35,938	30,948	-	-	-	-	-	-	-
Debt Service - 2004B Bond										
52-520-84-00-8000	PRINCIPAL PAYMENT	455,000	-	-	-	-	-	-	-	-
52-520-84-00-8050	INTEREST EXPENSE	18,200	-	-	-	-	-	-	-	-
Debt Service - 2003B IRBB Debt Certificates										
52-520-90-00-8000	PRINCIPAL PAYMENT	130,000	135,000	140,000	140,000	150,000	155,000	-	-	-
52-520-90-00-8050	INTEREST EXPENSE	36,233	29,668	22,850	22,850	15,710	8,060	-	-	-
Debt Service - 2011 Refunding Bond										
52-520-92-00-8000	PRINCIPAL PAYMENT	810,000	845,000	885,000	885,000	920,000	960,000	1,000,000	1,045,000	1,100,000
52-520-92-00-8050	INTEREST EXPENSE	323,782	289,114	252,948	252,948	215,070	175,964	134,606	91,806	47,080

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Debt Service - IEPA Loan L17-115300										
52-520-96-00-8000	PRINCIPAL PAYMENT	103,619	52,832	-	-	-	-	-	-	-
52-520-96-00-8050	INTEREST EXPENSE	3,431	693	-	-	-	-	-	-	-
	Sewer Fund Expenses	**$ 2,646,435**	**$ 2,031,246**	**$ 2,211,427**	**$ 2,174,657**	**$ 2,378,702**	**$ 2,483,284**	**$ 2,346,344**	**$ 2,540,423**	**$ 2,371,774**
52-520-99-00-9924	TRANSFER TO BUILDINGS & GROUNDS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 234,141	$ 233,383
52-520-99-00-9951	TRANSFER TO WATER	77,675	73,875	75,125	75,125	75,675	73,650	74,125	69,525	-
	Other Financing Uses	**$ 77,675**	**$ 73,875**	**$ 75,125**	**$ 75,125**	**$ 75,675**	**$ 73,650**	**$ 74,125**	**$ 303,666**	**$ 233,383**
	Total Sewer Fund Expenses	**$ 2,646,435**	**$ 2,031,246**	**$ 2,211,427**	**$ 2,174,657**	**$ 2,378,702**	**$ 2,483,284**	**$ 2,346,344**	**$ 2,540,423**	**$ 2,371,774**
	Transfers In	$ 856,583	$ 575,030	$ 174,744	$ 174,744	$ 586,749	$ 994,479	$ 1,134,606	$ 1,136,806	$ 1,147,080
	(Transfers Out)	(77,675)	(73,875)	(75,125)	(75,125)	(75,675)	(73,650)	(74,125)	(303,666)	(233,383)
	Sewer Fund Net Transfers	**$ 778,908**	**$ 501,155**	**$ 99,619**	**$ 99,619**	**$ 511,074**	**$ 920,829**	**$ 1,060,481**	**$ 833,140**	**$ 913,697**
	Surplus(Deficit)	**(300,804)**	**112,137**	**(468,685)**	**(377,360)**	**(196,275)**	**146,969**	**464,093**	**84,193**	**375,939**
	Fu	**$ 1,110,251**	**$ 1,222,388**	**$ 606,819**	**$ 845,028**	**$ 648,753**	**$ 795,722**	**$ 1,259,815**	**$ 1,344,008**	**$ 1,719,947**
		40.76%	*58.07%*	*26.54%*	*37.56%*	*26.43%*	*31.12%*	*52.05%*	*47.26%*	*66.02%*

Land Cash Fund (72)

Land-Cash funds are dedicated by developers through the contribution ordinance to serve the immediate and future needs of park and recreation of residents in new subdivisions. Land for park development and cash spent on recreational facilities is often matched through grant funding to meet the community's recreation needs at a lower cost to the City.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Intergovernmental	$ 702,474	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Cash Contributions	161,691	41,044	33,858	15,625	25,760	24,354	5,454	5,454	-
Miscellaneous	3,426	-	-	-	-	-	-	-	-
Total Revenues	**$ 867,591**	**$ 41,044**	**$ 33,858**	**$ 15,625**	**$ 25,760**	**$ 24,354**	**$ 5,454**	**$ 5,454**	**$ -**
Expenditures									
Contractual Services	$ 4,795	$ 5,035	$ 5,287	$ 5,290	$ -	$ -	$ -	$ -	$ -
Capital Outlay	372,760	-	235,000	218,977	5,000	74,000	-	-	-
Total Expenditures	**$ 377,555**	**$ 5,035**	**$ 240,287**	**$ 224,267**	**$ 5,000**	**$ 74,000**	**$ -**	**$ -**	**$ -**
Surplus (Deficit)	$ 490,036	$ 36,009	$ (206,429)	$ (208,642)	$ 20,760	$ (49,646)	$ 5,454	$ 5,454	$ -
Ending Fund Balance	**$ 211,832**	**$ 247,841**	**$ 39,244**	**$ 39,199**	**$ 59,959**	**$ 10,313**	**$ 15,767**	**$ 21,221**	**$ 21,221**

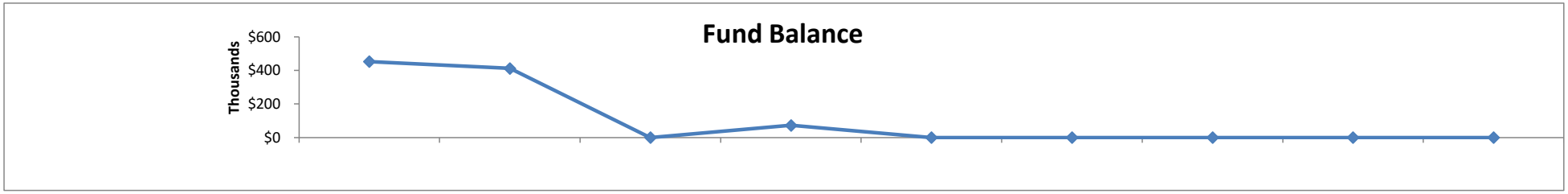


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
LAND CASH FUND - 72										
72-000-41-00-4175	OSLAD GRANT - RIVERFRONT PARK	$ 312,671	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
72-000-41-00-4186	OSLAD GRANT - BRISTOL BAY	389,803	-	-	-	-	-	-	-	-
72-000-47-00-4701	WHITE OAK	-	2,812	1,406	-	1,406	-	-	-	-
72-000-47-00-4702	WHISPERING MEADOWS	-	-	4,699	-	4,699	4,699	-	-	-
72-000-47-00-4703	AUTUMN CREEK	3,003	6,006	-	-	-	-	-	-	-
72-000-47-00-4704	BLACKBERRY WOODS	10,795	1,136	1,932	568	1,932	1,932	1,932	1,932	-
72-000-47-00-4706	CALEDONIA	32,214	14,094	4,698	2,013	4,698	4,698	-	-	-
72-000-47-00-4707	RIVER'S EDGE	-	-	671	-	-	-	-	-	-
72-000-47-00-4708	COUNTRY HILLS	769	7,690	4,358	429	4,358	4,358	-	-	-
72-000-47-00-4711	FOX HIGHLANDS	-	-	3,298	-	-	-	-	-	-
72-000-47-00-4722	GC HOUSING (ANTHONY'S PLACE)	97,162	-	-	-	-	-	-	-	-
72-000-47-00-4723	WINDETT RIDGE	10,000	-	-	-	-	-	-	-	-
72-000-47-00-4724	KENDALL MARKETPLACE	1,133	486	2,752	6,000	-	-	-	-	-
72-000-47-00-4725	HEARTLAND MEADOWS	-	-	3,522	-	3,522	3,522	3,522	3,522	-
72-000-47-00-4727	CIMARRON RIDGE	-	-	1,377	-	-	-	-	-	-
72-000-47-00-4736	BRIARWOOD	6,615	8,820	5,145	6,615	5,145	5,145	-	-	-
72-000-48-00-4850	MISCELLANEOUS INCOME	3,426	-	-	-	-	-	-	-	-
	Land Cash Fund Revenues	**$ 867,591**	**$ 41,044**	**$ 33,858**	**$ 15,625**	**$ 25,760**	**$ 24,354**	**$ 5,454**	**$ 5,454**	**$ -**
72-720-54-00-5485	RENTAL & LEASE PURCHASE	$ 4,795	$ 5,035	$ 5,287	$ 5,290	$ -	$ -	$ -	$ -	$ -
72-720-60-00-6010	PARK IMPROVEMENTS	267,479	-	-	-	-	-	-	-	-
72-720-60-00-6013	BEECHER CENTER PARK	-	-	95,000	106,626	-	-	-	-	-
72-720-60-00-6029	CALEDONIA PARK	-	-	85,000	65,077	-	-	-	-	-
72-720-60-00-6040	PRESTWICK	-	-	-	-	-	74,000	-	-	-
72-720-60-00-6043	BRISTOL BAY REGIONAL PARK	6,483	-	-	-	-	-	-	-	-
72-720-60-00-6045	RIVERFRONT PARK	41,228	-	-	-	-	-	-	-	-
72-720-60-00-6047	AUTUMN CREEK	-	-	50,000	47,274	-	-	-	-	-
72-720-60-00-6067	BLACKBERRY CREEK NATURE PRESERVE	-	-	5,000	-	5,000	-	-	-	-
72-720-60-00-6069	WINDETT RIDGE PARK	57,570	-	-	-	-	-	-	-	-
	Land Cash Fund Expenditures	**$ 377,555**	**$ 5,035**	**$ 240,287**	**$ 224,267**	**$ 5,000**	**$ 74,000**	**$ -**	**$ -**	**$ -**
	Surplus(Deficit)	**490,036**	**36,009**	**(206,429)**	**(208,642)**	**20,760**	**(49,646)**	**5,454**	**5,454**	**-**
	Fund Balance	**$ 211,832**	**$ 247,841**	**$ 39,244**	**$ 39,199**	**$ 59,959**	**$ 10,313**	**$ 15,767**	**$ 21,221**	**$ 21,221**

Parks and Recreation Fund (79)

This fund accounts for the daily operations of the Parks and Recreation Department. Programs, classes, special events and maintenance of City wide park land and public facilities make up the day to day operations. Programs and classes consist of a wide variety of options serving children through senior citizens. Special events range from Music Under the Stars to Home Town Days. City wide maintenance consists of over two hundred acres at more than fifty sites including buildings, boulevards, parks, utility locations and natural areas.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Intergovernmental	$ 81,815	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Charges for Service	579,155	527,941	650,000	319,033	650,000	650,000	650,000	650,000	650,000
Investment Earnings	1,534	1,333	1,300	250	250	1,000	1,000	1,000	1,000
Reimbursements	23,137	14,147	-	5,040	-	-	-	-	-
Miscellaneous	208,720	223,430	226,716	65,760	223,709	225,781	227,936	230,178	232,509
Total Revenues	**$ 894,361**	**$ 766,851**	**$ 878,016**	**$ 390,083**	**$ 873,959**	**$ 876,781**	**$ 878,936**	**$ 881,178**	**$ 883,509**
Other Financing Sources	1,274,699	1,410,988	1,369,284	1,596,578	1,768,777	1,952,008	2,003,460	2,073,681	2,153,042
Total Revenue & Transfers	**$ 2,169,060**	**$ 2,177,839**	**$ 2,247,300**	**$ 1,986,661**	**$ 2,642,736**	**$ 2,828,789**	**$ 2,882,396**	**$ 2,954,859**	**$ 3,036,551**
Expenditures									
Salaries	$ 972,011	$ 1,043,046	$ 1,172,012	$ 1,041,000	$ 1,239,975	$ 1,263,189	$ 1,292,131	$ 1,327,269	$ 1,363,402
Benefits	393,482	438,889	485,000	445,410	504,129	525,797	558,268	593,708	628,490
Contractual Services	355,673	269,209	452,565	547,720	423,588	495,231	485,790	485,926	494,831
Supplies	468,833	468,126	507,185	291,016	548,044	544,572	546,207	547,956	549,828
Total Expenditures	**$ 2,189,999**	**$ 2,219,270**	**$ 2,616,762**	**$ 2,325,146**	**$ 2,715,736**	**$ 2,828,789**	**$ 2,882,396**	**$ 2,954,859**	**$ 3,036,551**
Surplus (Deficit)	$ (20,939)	$ (41,431)	$ (369,462)	$ (338,485)	$ (73,000)	$ -	$ -	$ -	$ -
Ending Fund Balance	**$ 452,914**	**$ 411,485**	**$ -**	**$ 73,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	20.68%	*18.54%*	*0.00%*	*3.14%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
PARKS & RECREATION FUND - 79										
79-000-41-00-4175	OSLAD GRANT - RIVERFRONT PARK	$ 81,815	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
79-000-44-00-4402	SPECIAL EVENTS	88,828	83,523	90,000	10,000	90,000	90,000	90,000	90,000	90,000
79-000-44-00-4403	CHILD DEVELOPMENT	143,949	129,116	145,000	75,000	145,000	145,000	145,000	145,000	145,000
79-000-44-00-4404	ATHLETICS & FITNESS	318,981	272,906	370,000	230,000	370,000	370,000	370,000	370,000	370,000
79-000-44-00-4441	CONCESSION REVENUE	27,397	42,396	45,000	4,033	45,000	45,000	45,000	45,000	45,000
79-000-45-00-4500	INVESTMENT EARNINGS	1,534	1,333	1,300	250	250	1,000	1,000	1,000	1,000
79-000-46-00-4690	REIMB - MISCELLANEOUS	23,137	14,147	-	5,040	-	-	-	-	-
79-000-48-00-4820	RENTAL INCOME	53,208	57,539	64,216	55,000	66,209	68,281	70,436	72,678	75,009
79-000-48-00-4825	PARK RENTALS	15,714	18,259	17,500	1,588	17,500	17,500	17,500	17,500	17,500
79-000-48-00-4843	HOMETOWN DAYS	118,141	124,328	120,000	-	120,000	120,000	120,000	120,000	120,000
79-000-48-00-4846	SPONSORSHIPS & DONATIONS	14,577	18,154	20,000	4,172	15,000	15,000	15,000	15,000	15,000
79-000-48-00-4850	MISCELLANEOUS INCOME	7,080	5,150	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	Parks & Recreation Fund Revenues	**$ 894,361**	**$ 766,851**	**$ 878,016**	**$ 390,083**	**$ 873,959**	**$ 876,781**	**$ 878,936**	**$ 881,178**	**$ 883,509**
79-000-49-00-4901	TRANSFER FROM GENERAL	$ 1,274,699	$ 1,410,988	$ 1,369,284	$ 1,596,578	$ 1,768,777	$ 1,952,008	$ 2,003,460	$ 2,073,681	$ 2,153,042
	Other Financing Sources	**$ 1,274,699**	**$ 1,410,988**	**$ 1,369,284**	**$ 1,596,578**	**$ 1,768,777**	**$ 1,952,008**	**$ 2,003,460**	**$ 2,073,681**	**$ 2,153,042**
	Parks & Recreation Revenues & Transfers	**$ 2,169,060**	**$ 2,177,839**	**$ 2,247,300**	**$ 1,986,661**	**$ 2,642,736**	**$ 2,828,789**	**$ 2,882,396**	**$ 2,954,859**	**$ 3,036,551**
Parks Department										
79-790-50-00-5010	SALARIES & WAGES	$ 485,017	$ 539,106	$ 601,936	$ 590,000	$ 659,709	$ 674,552	$ 691,416	$ 712,158	$ 733,523
79-790-50-00-5015	PART-TIME SALARIES	49,603	48,917	59,000	15,000	62,500	61,000	62,000	63,000	64,000
79-790-50-00-5020	OVERTIME	4,283	3,594	5,000	7,500	5,000	5,000	5,000	5,000	5,000
79-790-52-00-5212	RETIREMENT PLAN CONTRIBUTION	51,004	54,761	70,570	70,570	76,560	77,809	81,759	86,059	88,623
79-790-52-00-5214	FICA CONTRIBUTION	39,628	43,472	48,830	48,830	53,594	54,800	56,170	57,855	59,591
79-790-52-00-5216	GROUP HEALTH INSURANCE	130,395	153,228	155,338	150,990	176,038	190,121	205,331	221,757	239,498
79-790-52-00-5222	GROUP LIFE INSURANCE	570	617	645	645	721	728	735	742	749
79-790-52-00-5223	DENTAL INSURANCE	9,509	10,748	9,708	9,545	11,537	12,114	12,720	13,356	14,024
79-790-52-00-5224	VISION INSURANCE	1,354	1,510	1,537	1,544	1,786	1,840	1,895	1,952	2,011
79-790-54-00-5412	TRAINING & CONFERENCES	725	4,249	7,000	3,000	9,000	8,000	8,000	8,000	8,000
79-790-54-00-5415	TRAVEL & LODGING	1	-	3,000	-	3,000	3,000	3,000	3,000	3,000
79-790-54-00-5422	VEHICLE & EQUIPMENT CHARGEBACK	90,000	-	135,000	385,000	88,866	147,774	147,774	147,774	147,774
79-790-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	5,218	8,209	875	875	-	6,852	765	788	2,583
79-790-54-00-5440	TELECOMMUNICATIONS	6,786	8,367	8,100	8,100	8,250	8,250	8,250	8,250	8,250
79-790-54-00-5462	PROFESSIONAL SERVICES	10,105	7,960	11,400	11,400	11,400	11,400	11,400	11,400	11,400
79-790-54-00-5466	LEGAL SERVICES	645	591	2,000	1,000	1,000	1,000	1,000	1,000	1,000
79-790-54-00-5485	RENTAL & LEASE PURCHASE	2,770	1,691	2,500	2,500	8,055	8,333	8,624	8,931	9,252
79-790-54-00-5488	OFFICE CLEANING	2,435	2,341	3,078	3,385	3,487	3,592	3,700	3,811	3,925
79-790-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	42,578	32,234	33,759	18,000	40,000	40,000	40,000	40,000	40,000
79-790-56-00-5600	WEARING APPAREL	4,905	3,390	6,220	6,220	6,220	6,220	6,220	6,220	6,220
79-790-56-00-5620	OPERATING SUPPLIES	40,658	24,447	25,000	28,000	25,000	25,000	25,000	25,000	25,000

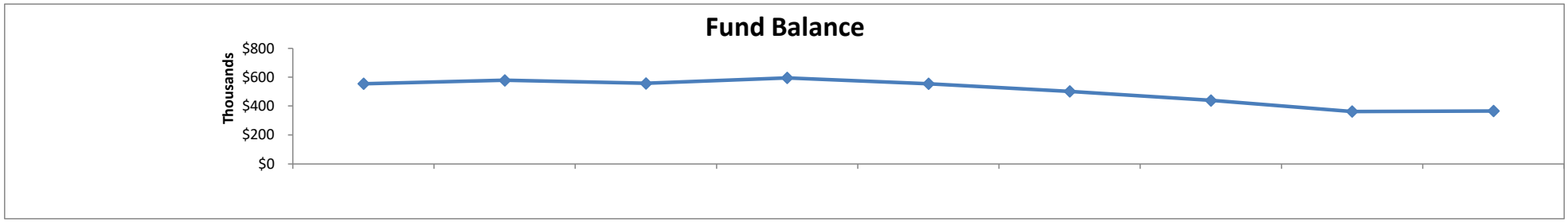
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
79-790-56-00-5630	SMALL TOOLS & EQUIPMENT	5,801	4,541	6,000	6,000	11,000	6,000	6,000	6,000	6,000
79-790-56-00-5640	REPAIR & MAINTENANCE	58,771	66,190	71,000	35,000	71,000	71,000	71,000	71,000	71,000
79-790-56-00-5646	ATHLETIC FIELDS & EQUIPMENT	51,163	52,081	55,000	5,000	55,000	55,000	55,000	55,000	55,000
79-790-56-00-5695	GASOLINE	23,231	20,321	27,724	20,396	21,824	23,352	24,987	26,736	28,608
	Parks Department Expenditures	**$ 1,117,155**	**$ 1,092,565**	**$ 1,350,220**	**$ 1,428,500**	**$ 1,410,547**	**$ 1,502,737**	**$ 1,537,746**	**$ 1,584,789**	**$ 1,634,031**
Recreation Department										
79-795-50-00-5010	SALARIES & WAGES	$ 338,230	$ 362,352	$ 387,576	$ 376,000	$ 394,266	$ 403,137	$ 413,215	$ 425,611	$ 438,379
79-795-50-00-5015	PART-TIME SALARIES	18,784	14,151	23,500	2,500	23,500	24,500	25,500	26,500	27,500
79-795-50-00-5045	CONCESSION WAGES	8,023	11,389	15,000	5,000	15,000	15,000	15,000	15,000	15,000
79-795-50-00-5046	PRE-SCHOOL WAGES	34,324	31,664	40,000	30,000	40,000	40,000	40,000	40,000	40,000
79-795-50-00-5052	INSTRUCTORS WAGES	33,747	31,873	40,000	15,000	40,000	40,000	40,000	40,000	40,000
79-795-52-00-5212	RETIREMENT PLAN CONTRIBUTION	34,687	35,840	49,493	43,000	49,894	46,159	48,511	51,073	52,605
79-795-52-00-5214	FICA CONTRIBUTION	32,343	33,656	37,543	32,500	38,100	38,957	39,931	41,129	42,363
79-795-52-00-5216	GROUP HEALTH INSURANCE	86,065	96,861	103,025	80,171	87,213	94,190	101,725	109,863	118,652
79-795-52-00-5222	GROUP LIFE INSURANCE	440	449	475	417	479	484	489	494	499
79-795-52-00-5223	DENTAL INSURANCE	6,539	6,763	6,744	6,178	7,082	7,436	7,808	8,198	8,608
79-795-52-00-5224	VISION INSURANCE	948	984	1,092	1,020	1,125	1,159	1,194	1,230	1,267
79-795-54-00-5412	TRAINING & CONFERENCES	4,074	3,753	5,000	1,500	5,000	5,000	5,000	5,000	5,000
79-795-54-00-5415	TRAVEL & LODGING	35	847	3,000	-	3,000	3,000	3,000	3,000	3,000
79-795-54-00-5424	COMPUTER REPLACEMENT CHARGEBACK	3,799	5,847	875	875	1,770	7,188	2,295	788	6,197
79-795-54-00-5426	PUBLISHING & ADVERTISING	55,361	34,208	55,000	5,000	55,000	55,000	55,000	55,000	55,000
79-795-54-00-5440	TELECOMMUNICATIONS	9,034	10,319	8,750	8,750	8,750	8,750	8,750	8,750	8,750
79-795-54-00-5447	SCHOLARSHIPS	-	-	2,500	-	2,500	2,500	2,500	2,500	2,500
79-795-54-00-5452	POSTAGE & SHIPPING	6,322	3,353	3,500	3,500	3,500	3,500	3,500	3,500	3,500
79-795-54-00-5460	DUES & SUBSCRIPTIONS	3,139	2,737	3,000	3,000	3,000	3,000	3,000	3,000	3,000
79-795-54-00-5462	PROFESSIONAL SERVICES	91,593	120,436	140,000	65,000	140,000	140,000	140,000	140,000	140,000
79-795-54-00-5480	UTILITIES	13,205	12,524	15,150	13,275	14,072	14,916	15,811	16,760	17,766
79-795-54-00-5485	RENTAL & LEASE PURCHASE	1,711	1,376	3,000	3,000	3,000	3,000	3,000	3,000	3,000
79-795-54-00-5488	OFFICE CLEANING	3,876	6,318	3,078	7,560	7,938	8,176	8,421	8,674	8,934
79-795-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	2,261	1,849	3,000	3,000	3,000	3,000	3,000	3,000	3,000
79-795-56-00-5602	HOMETOWN DAYS SUPPLIES	110,986	124,197	120,000	15,000	120,000	120,000	120,000	120,000	120,000
79-795-56-00-5606	PROGRAM SUPPLIES	139,495	141,280	158,241	87,400	200,000	200,000	200,000	200,000	200,000
79-795-56-00-5607	CONCESSION SUPPLIES	14,482	15,346	18,000	8,000	18,000	18,000	18,000	18,000	18,000
79-795-56-00-5610	OFFICE SUPPLIES	1,968	1,849	3,000	3,000	3,000	3,000	3,000	3,000	3,000

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
79-795-56-00-5620	OPERATING SUPPLIES	16,407	13,458	15,000	75,000	15,000	15,000	15,000	15,000	15,000
79-795-56-00-5640	REPAIR & MAINTENANCE	966	1,026	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Recreation Department Expenditures	**$ 1,072,844**	**$ 1,126,705**	**$ 1,266,542**	**$ 896,646**	**$ 1,305,189**	**$ 1,326,052**	**$ 1,344,650**	**$ 1,370,070**	**$ 1,402,520**
	Total Parks & Recreation Fund Expenditures	**$ 2,189,999**	**$ 2,219,270**	**$ 2,616,762**	**$ 2,325,146**	**$ 2,715,736**	**$ 2,828,789**	**$ 2,882,396**	**$ 2,954,859**	**$ 3,036,551**
	Transfers In	$ 1,274,699	$ 1,410,988	$ 1,369,284	$ 1,596,578	$ 1,768,777	$ 1,952,008	$ 2,003,460	$ 2,073,681	$ 2,153,042
	(Transfers Out)	-	-	-	-	-	-	-	-	-
	Parks & Recreation Fund Net Transfers	**$ 1,274,699**	**$ 1,410,988**	**$ 1,369,284**	**$ 1,596,578**	**$ 1,768,777**	**$ 1,952,008**	**$ 2,003,460**	**$ 2,073,681**	**$ 2,153,042**
	Surplus(Deficit)	**(20,939)**	**(41,431)**	**(369,462)**	**(338,485)**	**(73,000)**	**-**	**-**	**-**	**-**
	Fund Balance	**$ 452,914**	**$ 411,485**	**$ -**	**$ 73,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
		20.68%	*18.54%*	*0.00%*	*3.14%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*

Library Operations Fund (82)

The Yorkville Public Library provides the people of the community, from pre-school through maturity, with access to a collection of books and other materials which will serve their educational, cultural and recreational needs. The Library board and staff strive to provide the community an environment that promotes the love of reading.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 1,457,087	$ 1,497,431	$ 1,562,000	$ 1,561,523	$ 1,594,024	$ 1,623,816	$ 1,666,578	$ 1,687,967	$ 853,136
Intergovernmental	30,564	27,011	25,250	26,901	26,401	26,401	26,401	26,401	26,401
Fines & Forfeits	9,234	7,552	8,500	3,500	8,500	8,500	8,500	8,500	8,500
Charges for Service	13,466	11,204	12,300	6,000	12,300	12,400	12,400	12,400	12,400
Investment Earnings	11,463	16,471	8,959	1,500	2,000	3,000	8,000	10,000	100,000
Miscellaneous	3,463	4,374	3,750	500	3,750	3,750	3,750	3,750	3,750
Total Revenues	**$ 1,525,277**	**$ 1,564,043**	**$ 1,620,759**	**$ 1,599,924**	**$ 1,646,975**	**$ 1,677,867**	**$ 1,725,629**	**$ 1,749,018**	**$ 1,004,187**
Other Financing Sources	23,495	24,388	26,584	25,522	26,993	28,553	30,206	31,958	33,815
Total Revenues and Transfers	**$ 1,548,772**	**$ 1,588,431**	**$ 1,647,343**	**$ 1,625,446**	**$ 1,673,968**	**$ 1,706,420**	**$ 1,755,835**	**$ 1,780,976**	**$ 1,038,002**
Expenditures									
Salaries	$ 426,855	$ 442,119	$ 479,742	$ 440,000	$ 482,720	$ 505,035	$ 528,340	$ 553,403	$ 578,778
Benefits	158,810	164,310	179,800	164,795	213,363	228,324	243,338	259,514	275,890
Contractual Services	104,354	137,300	152,448	149,953	153,001	153,742	154,528	155,361	154,544
Supplies	22,737	23,354	25,300	26,800	25,300	25,300	25,300	25,300	25,300
Debt Service	792,101	797,013	827,088	827,088	840,225	847,313	866,750	864,000	-
Total Expenditures	**$ 1,504,857**	**$ 1,564,096**	**$ 1,664,378**	**$ 1,608,636**	**$ 1,714,609**	**$ 1,759,714**	**$ 1,818,256**	**$ 1,857,578**	**$ 1,034,512**
Surplus (Deficit)	$ 43,915	$ 24,335	$ (17,035)	$ 16,810	$ (40,641)	$ (53,294)	$ (62,421)	$ (76,602)	$ 3,490
Ending Fund Balance	**$ 554,271**	**$ 578,607**	**$ 557,653**	**$ 595,417**	**$ 554,776**	**$ 501,482**	**$ 439,061**	**$ 362,459**	**$ 365,949**
	36.83%	*36.99%*	*33.51%*	*37.01%*	*32.36%*	*28.50%*	*24.15%*	*19.51%*	*35.37%*
Operational Fund Balance %	*77.76%*	*75.43%*	*66.60%*	*76.18%*	*63.45%*	*54.96%*	*46.14%*	*36.48%*	*35.37%*



Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
LIBRARY FUND - 82										
82-000-40-00-4000	PROPERTY TAXES - LIBRARY OPS	$ 669,065	$ 702,716	$ 739,047	$ 736,883	$ 758,000	$ 780,740	$ 804,162	$ 828,287	$ 853,136
82-000-40-00-4083	PROPERTY TAXES - DEBT SERVICE	788,022	794,715	822,953	824,640	836,024	843,076	862,416	859,680	-
82-000-41-00-4120	PERSONAL PROPERTY TAX	5,353	5,860	5,250	5,250	5,250	5,250	5,250	5,250	5,250
82-000-41-00-4160	FEDERAL GRANTS	-	-	-	500	-	-	-	-	-
82-000-41-00-4170	STATE GRANTS	25,211	21,151	20,000	21,151	21,151	21,151	21,151	21,151	21,151
82-000-43-00-4330	LIBRARY FINES	9,234	7,552	8,500	3,500	8,500	8,500	8,500	8,500	8,500
82-000-44-00-4401	LIBRARY SUBSCRIPTION CARDS	9,185	7,558	8,500	4,250	8,500	8,500	8,500	8,500	8,500
82-000-44-00-4422	COPY FEES	3,980	3,582	3,800	1,750	3,800	3,900	3,900	3,900	3,900
82-000-44-00-4439	PROGRAM FEES	301	64	-	-	-	-	-	-	-
82-000-45-00-4500	INVESTMENT EARNINGS	11,463	12,589	8,959	1,500	2,000	3,000	8,000	10,000	100,000
82-000-45-00-4550	GAIN ON INVESTMENT	-	3,882	-	-	-	-	-	-	-
82-000-48-00-4820	RENTAL INCOME	2,633	1,400	1,750	-	1,750	1,750	1,750	1,750	1,750
82-000-48-00-4850	MISCELLANEOUS INCOME	830	2,974	2,000	500	2,000	2,000	2,000	2,000	2,000
	Library Fund Revenues	**$ 1,525,277**	**$ 1,564,043**	**$ 1,620,759**	**$ 1,599,924**	**$ 1,646,975**	**$ 1,677,867**	**$ 1,725,629**	**$ 1,749,018**	**$ 1,004,187**
82-000-49-00-4901	TRANSFER FROM GENERAL	23,495	24,388	26,584	25,522	26,993	28,553	30,206	31,958	33,815
	Other Financing Sources	**$ 23,495**	**$ 24,388**	**$ 26,584**	**$ 25,522**	**$ 26,993**	**$ 28,553**	**$ 30,206**	**$ 31,958**	**$ 33,815**
	Library Fund Revenue & Transfers	**$ 1,548,772**	**$ 1,588,431**	**$ 1,647,343**	**$ 1,625,446**	**$ 1,673,968**	**$ 1,706,420**	**$ 1,755,835**	**$ 1,780,976**	**$ 1,038,002**
Library Operations Department										
82-820-50-00-5010	SALARIES & WAGES	$ 261,231	$ 275,622	$ 289,742	$ 280,000	$ 292,720	$ 299,306	$ 306,789	$ 315,993	$ 325,473
82-820-50-00-5015	PART-TIME SALARIES	165,624	166,497	190,000	160,000	190,000	205,729	221,551	237,410	253,305
82-820-52-00-5212	RETIREMENT PLAN CONTRIBUTION	26,614	27,240	32,779	32,779	32,882	34,271	36,017	37,919	39,057
82-820-52-00-5214	FICA CONTRIBUTION	31,983	33,137	35,952	33,000	35,739	38,635	40,418	42,335	44,277
82-820-52-00-5216	GROUP HEALTH INSURANCE	68,695	71,184	76,764	66,215	108,882	117,593	127,000	137,160	148,133
82-820-52-00-5222	GROUP LIFE INSURANCE	351	362	387	328	391	395	399	403	407
82-820-52-00-5223	DENTAL INSURANCE	6,699	6,987	6,322	5,977	7,348	7,715	8,101	8,506	8,931
82-820-52-00-5224	VISION INSURANCE	973	1,012	1,012	974	1,128	1,162	1,197	1,233	1,270
82-820-52-00-5230	UNEMPLOYMENT INSURANCE	604	849	750	1,000	1,000	1,000	1,000	1,000	1,000
82-820-52-00-5231	LIABILITY INSURANCE	22,891	23,539	25,834	24,522	25,993	27,553	29,206	30,958	32,815
82-820-54-00-5412	TRAINING & CONFERENCES	1,374	486	3,000	1,000	3,000	3,000	3,000	3,000	3,000
82-820-54-00-5415	TRAVEL & LODGING	1,557	1,834	1,500	-	1,500	1,500	1,500	1,500	1,500
82-820-54-00-5426	PUBLISHING & ADVERTISING	3,019	825	2,500	2,500	2,500	2,500	2,500	2,500	2,500
82-820-54-00-5440	TELECOMMUNICATIONS	5,313	4,524	7,200	7,200	7,200	7,200	7,200	7,200	7,200
82-820-54-00-5452	POSTAGE & SHIPPING	655	483	750	750	750	750	750	750	750
82-820-54-00-5460	DUES & SUBSCRIPTIONS	9,602	9,755	11,000	11,000	11,000	11,000	11,000	11,000	11,000
82-820-54-00-5462	PROFESSIONAL SERVICES	24,213	29,445	40,000	40,000	40,000	40,000	40,000	40,000	40,000
82-820-54-00-5466	LEGAL SERVICES	2,205	630	3,000	4,162	3,000	3,000	3,000	3,000	3,000
82-820-54-00-5468	AUTOMATION	13,854	15,603	20,000	20,000	20,000	20,000	20,000	20,000	20,000
82-820-54-00-5480	UTILITIES	11,973	10,992	11,798	11,652	12,351	13,092	13,878	14,711	15,594

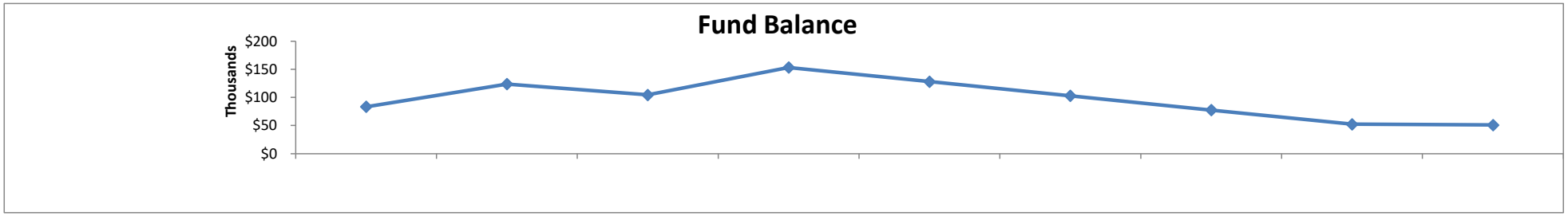
Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
82-820-54-00-5495	OUTSIDE REPAIR & MAINTENANCE	28,900	61,034	50,000	50,000	50,000	50,000	50,000	50,000	50,000
82-820-54-00-5498	PAYING AGENT FEES	1,689	1,689	1,700	1,689	1,700	1,700	1,700	1,700	-
82-820-56-00-5610	OFFICE SUPPLIES	7,147	8,408	8,000	8,000	8,000	8,000	8,000	8,000	8,000
82-820-56-00-5620	LIBRARY OPERATING SUPPLIES	3,821	3,325	4,000	4,000	4,000	4,000	4,000	4,000	4,000
82-820-56-00-5621	CUSTODIAL SUPPLIES	4,215	9,695	7,000	9,500	7,000	7,000	7,000	7,000	7,000
82-820-56-00-5635	COMPUTER EQUIPMENT & SOFTWARE	1,199	-	2,000	1,000	2,000	2,000	2,000	2,000	2,000
82-820-56-00-5671	LIBRARY PROGRAMMING	1,737	1,022	2,000	2,000	2,000	2,000	2,000	2,000	2,000
82-820-56-00-5676	EMPLOYEE RECOGNITION	247	200	300	300	300	300	300	300	300
82-820-56-00-5685	DVD'S	56	-	500	500	500	500	500	500	500
82-820-56-00-5686	BOOKS	4,315	704	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Debt Service - 2006 Bond										
82-820-84-00-8000	PRINCIPAL PAYMENT	50,000	50,000	75,000	75,000	75,000	75,000	100,000	100,000	-
82-820-84-00-8050	INTEREST PAYMENT	24,988	22,613	20,238	20,238	16,675	13,113	9,550	4,800	-
Debt Service - 2013 Refunding Bond										
82-820-99-00-8000	PRINCIPAL PAYMENT	565,000	585,000	610,000	610,000	645,000	675,000	700,000	730,000	-
82-820-99-00-8050	INTEREST PAYMENT	152,113	139,400	121,850	121,850	103,550	84,200	57,200	29,200	-
	Library Fund Expenditures	**$ 1,504,857**	**$ 1,564,096**	**$ 1,664,378**	**$ 1,608,636**	**$ 1,714,609**	**$ 1,759,714**	**$ 1,818,256**	**$ 1,857,578**	**$ 1,034,512**
	Transfers In	$ 23,495	$ 24,388	$ 26,584	$ 25,522	$ 26,993	$ 28,553	$ 30,206	$ 31,958	$ 33,815
	(Transfers Out)	-	-	-	-	-	-	-	-	-
	Library Fund Net Transfers	**$ 23,495**	**$ 24,388**	**$ 26,584**	**$ 25,522**	**$ 26,993**	**$ 28,553**	**$ 30,206**	**$ 31,958**	**$ 33,815**
	Surplus(Deficit)	**$ 43,915**	**$ 24,335**	**$ (17,035)**	**$ 16,810**	**$ (40,641)**	**$ (53,294)**	**$ (62,421)**	**$ (76,602)**	**$ 3,490**
	Fund Balance	**$ 554,271**	**$ 578,607**	**$ 557,653**	**$ 595,417**	**$ 554,776**	**$ 501,482**	**$ 439,061**	**$ 362,459**	**$ 365,949**
		36.83%	*36.99%*	*33.51%*	*37.01%*	*32.36%*	*28.50%*	*24.15%*	*19.51%*	*35.37%*
	Operational Fund Balance %	***77.76%***	***75.43%***	***66.60%***	***76.18%***	***63.45%***	***54.96%***	***46.14%***	***36.48%***	***35.37%***

Library Capital Fund (84)

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The Library Capital Fund derives its revenue from monies collected from building permits. The revenue is used for Library building maintenance and associated capital, contractual and supply purchases.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Licenses & Permits	$ 103,100	$ 110,775	$ 50,000	$ 105,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
Investment Earnings	257	658	500	150	200	250	250	250	250
Miscellaneous	1,835	(1,780)	-	-	-	-	-	-	-
Total Revenues	**$ 105,192**	**$ 109,653**	**$ 50,500**	**$ 105,150**	**$ 50,200**	**$ 50,250**	**$ 50,250**	**$ 50,250**	**$ 50,250**
Expenditures									
Contractual Services	$ 3,213	$ 3,000	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500
Supplies	77,162	66,330	72,000	72,000	72,000	72,000	72,000	72,000	47,910
Total Expenditures	**$ 80,375**	**$ 69,330**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 51,410**
Surplus (Deficit)	$ 24,817	$ 40,323	$ (25,000)	$ 29,650	$ (25,300)	$ (25,250)	$ (25,250)	$ (25,250)	$ (1,160)
Ending Fund Balance	**$ 83,260**	**$ 123,583**	**$ 104,485**	**$ 153,233**	**$ 127,933**	**$ 102,683**	**$ 77,433**	**$ 52,183**	**$ 51,023**

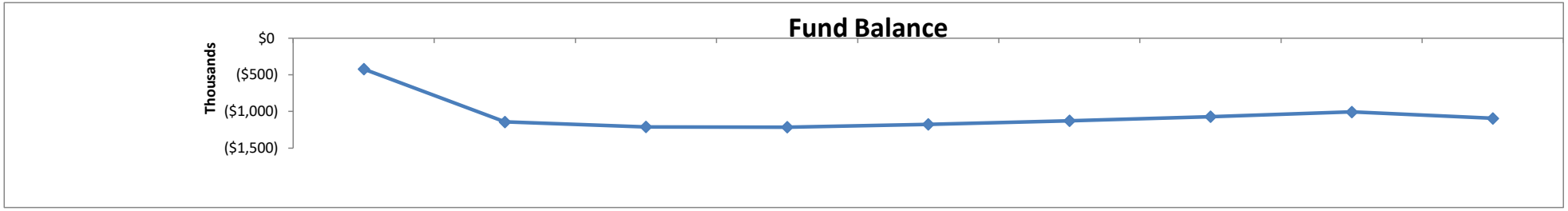


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
LIBRARY CAPITAL FUND - 84										
84-000-42-00-4214	DEVELOPMENT FEES	$ 103,100	$ 110,775	$ 50,000	$ 105,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
84-000-45-00-4500	INVESTMENT EARNINGS	257	658	500	150	200	250	250	250	250
84-000-48-00-4850	MISCELLANEOUS INCOME	1,835	(1,780)	-	-	-	-	-	-	-
	Library Capital Fund Revenues	**$ 105,192**	**$ 109,653**	**$ 50,500**	**$ 105,150**	**$ 50,200**	**$ 50,250**	**$ 50,250**	**$ 50,250**	**$ 50,250**
84-840-54-00-5460	E-BOOKS SUBSCRIPTION	$ 3,213	$ 3,000	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500	$ 3,500
84-840-56-00-5635	COMPUTER EQUIPMENT & SOFTWARE	14,897	5,392	15,000	15,000	15,000	15,000	15,000	15,000	15,000
84-840-56-00-5683	AUDIO BOOKS	3,877	3,550	3,500	3,500	3,500	3,500	3,500	3,500	3,500
84-840-56-00-5684	COMPACT DISCS & OTHER MUSIC	290	769	500	500	500	500	500	500	500
84-840-56-00-5685	DVD'S	3,425	2,585	3,000	3,000	3,000	3,000	3,000	3,000	3,000
84-840-56-00-5686	BOOKS	54,673	54,034	50,000	50,000	50,000	50,000	50,000	50,000	25,910
	Library Capital Fund Expenditures	**$ 80,375**	**$ 69,330**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 75,500**	**$ 51,410**
	Surplus(Deficit)	**24,817**	**40,323**	**(25,000)**	**29,650**	**(25,300)**	**(25,250)**	**(25,250)**	**(25,250)**	**(1,160)**
	Fund Balance	**$ 83,260**	**$ 123,583**	**$ 104,485**	**$ 153,233**	**$ 127,933**	**$ 102,683**	**$ 77,433**	**$ 52,183**	**$ 51,023**

Countryside TIF Fund (87)

The Countryside TIF was created in February of 2005, with the intent of constructing a future retail development at Countryside Center. This TIF is located at the northwest corner of US Route 34 and IL Route 47.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 198,918	$ 203,884	$ 153,965	$ 151,422	$ 260,727	$ 273,002	$ 279,827	$ 286,823	$ 293,994
Total Revenues	**$ 198,918**	**$ 203,884**	**$ 153,965**	**$ 151,422**	**$ 260,727**	**$ 273,002**	**$ 279,827**	**$ 286,823**	**$ 293,994**
Expenditures									
Contractual Services	$ 12,208	$ 713,364	$ 14,175	$ 14,136	$ 14,223	$ 14,482	$ 14,777	$ 15,139	$ 15,512
Debt Service	149,351	209,845	208,311	208,311	209,316	208,787	209,422	208,522	364,699
Total Expenditures	**$ 161,559**	**$ 923,209**	**$ 222,486**	**$ 222,447**	**$ 223,539**	**$ 223,269**	**$ 224,199**	**$ 223,661**	**$ 380,211**
Surplus (Deficit)	$ 37,359	$ (719,325)	$ (68,521)	$ (71,025)	$ 37,188	$ 49,733	$ 55,628	$ 63,162	$ (86,217)
Ending Fund Balance	**$ (422,459)**	**$ (1,141,784)**	**$ (1,209,865)**	**$ (1,212,809)**	**$ (1,175,621)**	**$ (1,125,888)**	**$ (1,070,260)**	**$ (1,007,098)**	**$ (1,093,315)**

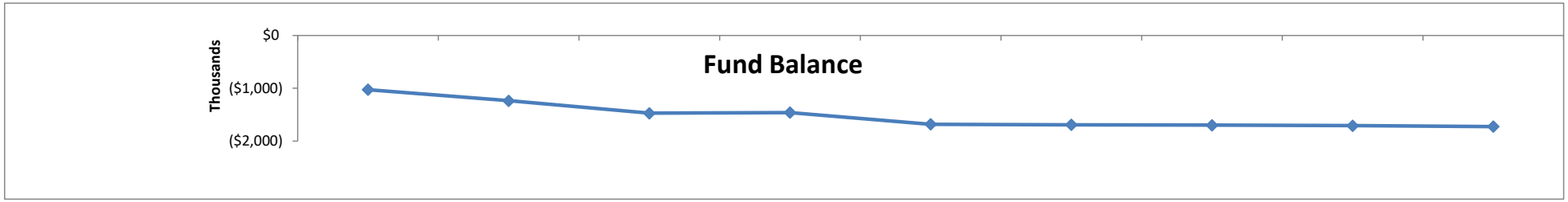


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
COUNTRYSIDE TIF FUND - 87										
87-000-40-00-4000	PROPERTY TAXES	$ 198,918	$ 203,884	$ 153,965	$ 151,422	$ 260,727	$ 273,002	$ 279,827	$ 286,823	$ 293,994
	Countryside TIF Revenues	**$ 198,918**	**$ 203,884**	**$ 153,965**	**$ 151,422**	**$ 260,727**	**$ 273,002**	**$ 279,827**	**$ 286,823**	**$ 293,994**
87-870-54-00-5401	ADMINISTRATIVE CHARGEBACK	$ 11,049	$ 11,263	$ 11,475	$ 11,475	$ 11,523	$ 11,782	$ 12,077	$ 12,439	$ 12,812
87-870-54-00-5425	TIF INCENTIVE PAYOUT	-	700,000	-	-	-	-	-	-	-
87-870-54-00-5462	PROFESSIONAL SERVICES	498	1,440	2,000	2,000	2,000	2,000	2,000	2,000	2,000
87-870-54-00-5498	PAYING AGENT FEES	661	661	700	661	700	700	700	700	700
2015A Bond										
87-870-77-00-8000	PRINCIPAL PAYMENT	42,332	104,517	107,163	107,163	112,455	116,424	121,716	125,685	56,889
87-870-77-00-8050	INTEREST PAYMENT	56,304	54,613	50,433	50,433	46,146	41,648	36,991	32,122	27,095
Debt Service - 2014 Refunding Bond										
87-870-93-00-8000	PRINCIPAL PAYMENT	-	-	-	-	-	-	-	-	230,000
87-870-93-00-8050	INTEREST PAYMENT	50,715	50,715	50,715	50,715	50,715	50,715	50,715	50,715	50,715
	Countryside TIF Expenditures	**$ 161,559**	**$ 923,209**	**$ 222,486**	**$ 222,447**	**$ 223,539**	**$ 223,269**	**$ 224,199**	**$ 223,661**	**$ 380,211**
	Surplus(Deficit)	**37,359**	**(719,325)**	**(68,521)**	**(71,025)**	**37,188**	**49,733**	**55,628**	**63,162**	**(86,217)**
	Fund Balance	**$ (422,459)**	**$ (1,141,784)**	**$ (1,209,865)**	**$ (1,212,809)**	**$ (1,175,621)**	**$ (1,125,888)**	**$ (1,070,260)**	**$ (1,007,098)**	**$ (1,093,315)**

Downtown TIF Fund (88)

The Downtown TIF was created in 2006, in order to finance a mixed use development in the downtown area.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 78,417	$ 75,759	$ 76,000	$ 70,677	$ 70,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
Miscellaneous	17	-	-	-	-	-	-	-	-
Total Revenues	**$ 78,434**	**$ 75,759**	**$ 76,000**	**$ 70,677**	**$ 70,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**
Expenditures									
Contractual Services	$ 57,380	$ 59,864	$ 76,364	$ 64,982	$ 68,265	$ 70,454	$ 72,821	$ 75,469	$ 78,227
Capital Outlay	138,466	10,677	17,488	17,488	17,488	13,120	10,000	10,000	10,000
Debt Service	225,800	218,250	212,200	212,200	206,084	-	-	-	-
Total Expenditures	**$ 421,646**	**$ 288,791**	**$ 306,052**	**$ 294,670**	**$ 291,837**	**$ 83,574**	**$ 82,821**	**$ 85,469**	**$ 88,227**
Surplus (Deficit)	$ (343,212)	$ (213,032)	$ (230,052)	$ (223,993)	$ (221,837)	$ (8,574)	$ (7,821)	$ (10,469)	$ (13,227)
Ending Fund Balance	**$ (1,024,518)**	**$ (1,237,549)**	**$ (1,472,892)**	**$ (1,461,542)**	**$ (1,683,379)**	**$ (1,691,953)**	**$ (1,699,774)**	**$ (1,710,243)**	**$ (1,723,470)**

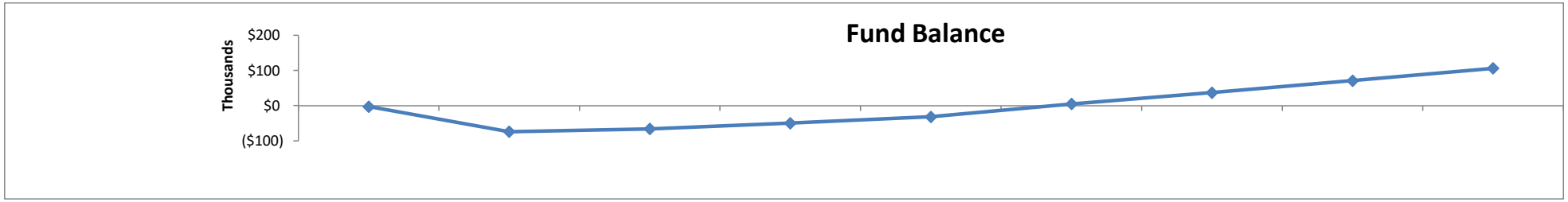


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
DOWNTOWN TIF FUND - 88										
88-000-40-00-4000	PROPERTY TAXES	$ 78,417	$ 75,759	$ 76,000	$ 70,677	$ 70,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
88-000-48-00-4850	MISCELLANEOUS INCOME	17	-	-	-	-	-	-	-	-
	Downtown TIF Revenues	**$ 78,434**	**$ 75,759**	**$ 76,000**	**$ 70,677**	**$ 70,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**
88-880-54-00-5401	ADMINISTRATIVE CHARGEBACK	$ 31,533	$ 32,246	$ 33,487	$ 33,487	$ 35,445	$ 36,243	$ 37,149	$ 38,263	$ 39,411
88-880-54-00-5425	TIF INCENTIVE PAYOUT	22,108	25,597	26,877	26,495	27,820	29,211	30,672	32,206	33,816
88-880-54-00-5462	PROFESSIONAL SERVICES	3,739	2,021	16,000	5,000	5,000	5,000	5,000	5,000	5,000
88-880-60-00-6000	PROJECT COSTS	105,516	3,189	10,000	10,000	10,000	10,000	10,000	10,000	10,000
88-880-60-00-6048	DOWNTOWN STREETSCAPE IMPROVEMENT	25,468	-	-	-	-	-	-	-	-
88-880-60-00-6079	ROUTE 47 EXPANSION	7,482	7,488	7,488	7,488	7,488	3,120	-	-	-
FNBO Loan - 102 E Van Emmon Building										
88-880-81-00-8000	PRINCIPAL PAYMENT	200,000	200,000	200,000	200,000	200,000	-	-	-	-
88-880-81-00-8050	INTEREST PAYMENT	25,800	18,250	12,200	12,200	6,084	-	-	-	-
	Downtown TIF Expenditures	**$ 421,646**	**$ 288,791**	**$ 306,052**	**$ 294,670**	**$ 291,837**	**$ 83,574**	**$ 82,821**	**$ 85,469**	**$ 88,227**
	Surplus(Deficit)	**(343,212)**	**(213,032)**	**(230,052)**	**(223,993)**	**(221,837)**	**(8,574)**	**(7,821)**	**(10,469)**	**(13,227)**
	Fund Balance	**$ (1,024,518)**	**$ (1,237,549)**	**$ (1,472,892)**	**$ (1,461,542)**	**$ (1,683,379)**	**$ (1,691,953)**	**$ (1,699,774)**	**$ (1,710,243)**	**$ (1,723,470)**

Downtown TIF Fund II (89)

The Downtown TIF II was created in 2018, in order to help promote downtown redevelopment and support the existing Downtown TIF.

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ -	$ 24,171	$ 25,000	$ 47,342	$ 48,526	$ 49,739	$ 50,982	$ 52,257	$ 53,563
Total Revenues	**$ -**	**$ 24,171**	**$ 25,000**	**$ 47,342**	**$ 48,526**	**$ 49,739**	**$ 50,982**	**$ 52,257**	**$ 53,563**
Other Financing Sources	-	1,000	-	-	-	-	-	-	-
Total Revenue	**$ -**	**$ 25,171**	**$ 25,000**	**$ 47,342**	**$ 48,526**	**$ 49,739**	**$ 50,982**	**$ 52,257**	**$ 53,563**
Expenditures									
Contractual Services	$ 2,736	$ 96,235	$ 44,500	$ 23,479	$ 30,500	$ 13,000	$ 19,000	$ 18,104	$ 18,628
Total Expenditures	**$ 2,736**	**$ 96,235**	**$ 44,500**	**$ 23,479**	**$ 30,500**	**$ 13,000**	**$ 19,000**	**$ 18,104**	**$ 18,628**
Surplus (Deficit)	$ (2,736)	$ (71,064)	$ (19,500)	$ 23,863	$ 18,026	$ 36,739	$ 31,982	$ 34,153	$ 34,935
Ending Fund Balance	**$ (2,736)**	**$ (73,799)**	**$ (66,065)**	**$ (49,936)**	**$ (31,910)**	**$ 4,829**	**$ 36,811**	**$ 70,964**	**$ 105,899**

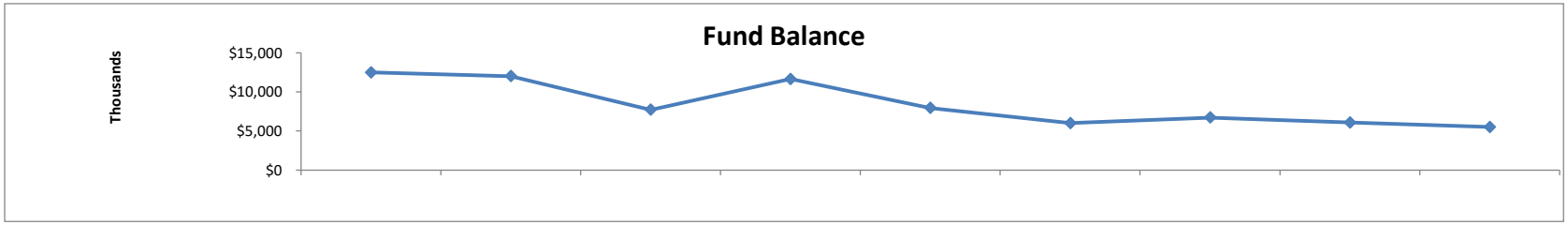


Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
DOWNTOWN TIF II FUND - 89										
89-000-40-00-4000	PROPERTY TAXES	$ -	$ 24,171	$ 25,000	$ 47,342	$ 48,526	$ 49,739	$ 50,982	$ 52,257	$ 53,563
	Downtown TIF II Fund Revenues	**$ -**	**$ 24,171**	**$ 25,000**	**$ 47,342**	**$ 48,526**	**$ 49,739**	**$ 50,982**	**$ 52,257**	**$ 53,563**
89-000-49-00-4910	SALE OF CAPITAL ASSETS	-	1,000	-	-	-	-	-	-	-
	Other Financing Sources	**$ -**	**$ 1,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	Downtown TIF II Revenues & Transfers	**$ -**	**$ 25,171**	**$ 25,000**	**$ 47,342**	**$ 48,526**	**$ 49,739**	**$ 50,982**	**$ 52,257**	**$ 53,563**
89-890-54-00-5425	TIF INCENTIVE PAYOUT	$ -	$ 80,000	$ 39,500	$ 20,979	$ 25,500	$ 8,000	$ 14,000	$ 13,104	$ 13,628
89-890-54-00-5462	PROFESSIONAL SERVICES	2,736	16,235	5,000	2,500	5,000	5,000	5,000	5,000	5,000
	Downtown TIF II Expenditures	**$ 2,736**	**$ 96,235**	**$ 44,500**	**$ 23,479**	**$ 30,500**	**$ 13,000**	**$ 19,000**	**$ 18,104**	**$ 18,628**
	Surplus(Deficit)	**(2,736)**	**(71,064)**	**(19,500)**	**23,863**	**18,026**	**36,739**	**31,982**	**34,153**	**34,935**
	Fund Balance	**$ (2,736)**	**$ (73,799)**	**$ (66,065)**	**$ (49,936)**	**$ (31,910)**	**$ 4,829**	**$ 36,811**	**$ 70,964**	**$ 105,899**

United City of Yorkville - Consolidated Budget

The table and graph below present the City's funds in aggregate, similar to that of a private business (for illustrative purposes only). All budgeted funds are included except for the following: Library Operations (82); and Library Capital (84).

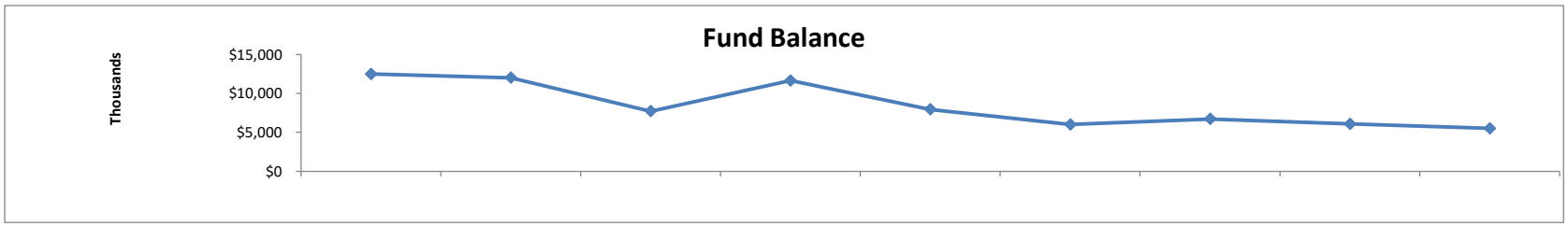
	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 11,538,752	$ 11,713,774	$ 11,932,190	$ 11,805,756	$ 12,367,364	$ 12,666,491	$ 12,884,333	$ 13,109,539	$ 13,335,637
Intergovernmental	4,073,031	3,534,128	3,983,082	5,598,666	4,734,824	5,292,462	4,485,150	4,569,645	4,657,156
Licenses & Permits	1,150,710	1,018,091	733,000	1,383,073	782,000	732,000	724,000	724,000	724,000
Fines & Forfeits	109,366	80,671	121,800	103,950	124,650	124,650	124,650	124,650	124,650
Charges for Service	9,226,597	9,109,548	9,491,505	10,638,696	10,015,749	10,553,030	10,726,669	11,052,933	11,454,252
Investment Earnings	171,019	288,649	127,569	20,065	31,250	58,500	102,000	130,000	137,500
Reimbursements	1,279,779	224,608	299,036	201,917	2,660,418	719,765	1,052,000	37,000	208,600
Land Cash Contributions	161,691	41,044	33,858	15,625	25,760	24,354	5,454	5,454	-
Miscellaneous	301,284	350,300	349,976	243,803	424,603	372,382	362,320	367,424	372,696
Total Revenues	**$ 28,012,229**	**$ 26,360,813**	**$ 27,072,016**	**$ 30,011,551**	**$ 31,166,618**	**$ 30,543,634**	**$ 30,466,576**	**$ 30,120,645**	**$ 31,014,491**
Other Financing Sources	3,195,480	3,313,020	2,379,273	3,720,499	14,136,212	4,541,163	19,445,544	5,438,832	5,429,534
Total Revenues & Transfers	**$ 31,207,709**	**$ 29,673,833**	**$ 29,451,289**	**$ 33,732,050**	**$ 45,302,830**	**$ 35,084,797**	**$ 49,912,120**	**$ 35,559,477**	**$ 36,444,025**
Expenditures									
Salaries	$ 6,283,752	$ 6,859,852	$ 7,394,752	$ 6,744,500	$ 7,661,149	$ 7,854,458	$ 8,072,090	$ 8,300,141	$ 8,534,963
Benefits	3,593,335	3,840,301	4,259,365	4,018,165	4,391,100	4,682,445	4,953,632	5,242,198	5,508,496
Contractual Services	6,689,732	7,151,600	8,488,634	8,603,409	8,241,524	8,236,085	8,027,341	8,073,068	8,299,863
Supplies	1,352,807	1,462,923	1,574,959	1,310,560	1,548,594	1,634,930	1,598,566	1,653,291	1,691,375
Capital Outlay	3,933,432	2,631,228	6,174,464	4,638,551	17,232,037	5,471,740	19,054,718	3,321,467	3,565,400
Contingency	-	-	80,000	302,000	75,000	75,000	75,000	75,000	75,000
Developer Commitment	35,938	30,948	-	-	-	-	-	-	-
Debt Service	4,595,131	4,856,405	4,742,902	4,742,902	4,404,851	4,488,827	3,049,959	4,056,958	3,874,383
Total Expenditures	**$ 26,484,127**	**$ 26,833,257**	**$ 32,715,076**	**$ 30,360,087**	**$ 43,554,255**	**$ 32,443,485**	**$ 44,831,306**	**$ 30,722,123**	**$ 31,549,480**
Other Financing Uses	3,212,905	3,325,686	2,405,857	3,728,089	5,455,727	4,569,716	4,377,477	5,470,790	5,463,349
Total Expenditures & Transfers	**$ 29,697,032**	**$ 30,158,943**	**$ 35,120,933**	**$ 34,088,176**	**$ 49,009,982**	**$ 37,013,201**	**$ 49,208,783**	**$ 36,192,913**	**$ 37,012,829**
Surplus (Deficit)	$ 1,510,677	$ (485,110)	$ (5,669,644)	$ (356,126)	$ (3,707,152)	$ (1,928,404)	$ 703,337	$ (633,436)	$ (568,804)
Ending Fund Balance	**$ 12,486,846**	**$ 12,001,733**	**$ 7,701,419**	**$ 11,645,607**	**$ 7,938,455**	**$ 6,010,051**	**$ 6,713,388**	**$ 6,079,952**	**$ 5,511,148**
	42.05%	*39.79%*	*21.93%*	*34.16%*	*16.20%*	*16.24%*	*13.64%*	*16.80%*	*14.89%*



United City of Yorkville - Consolidated Budget

The table and graph below present the City's funds in aggregate, similar to that of a private business (for illustrative purposes only). All budgeted funds are included except for the following: Library Operations (82); and Library Capital (84).

	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted Budget	FY 2021 Projected	FY 2022 Proposed Budget	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Revenues									
Taxes	$ 11,538,752	$ 11,713,774	$ 11,932,190	$ 11,805,756	$ 12,367,364	$ 12,666,491	$ 12,884,333	$ 13,109,539	$ 13,335,637
Intergovernmental	4,073,031	3,534,128	3,983,082	5,598,666	4,734,824	5,292,462	4,485,150	4,569,645	4,657,156
Licenses & Permits	1,150,710	1,018,091	733,000	1,383,073	782,000	732,000	724,000	724,000	724,000
Fines & Forfeits	109,366	80,671	121,800	103,950	124,650	124,650	124,650	124,650	124,650
Charges for Service	9,226,597	9,109,548	9,491,505	10,638,696	10,015,749	10,553,030	10,726,669	11,052,933	11,454,252
Investment Earnings	171,019	288,649	127,569	20,065	31,250	58,500	102,000	130,000	137,500
Reimbursements	1,279,779	224,608	299,036	201,917	2,660,418	719,765	1,052,000	37,000	208,600
Land Cash Contributions	161,691	41,044	33,858	15,625	25,760	24,354	5,454	5,454	-
Miscellaneous	301,284	350,300	349,976	243,803	424,603	372,382	362,320	367,424	372,696
Total Revenues	**$ 28,012,229**	**$ 26,360,813**	**$ 27,072,016**	**$ 30,011,551**	**$ 31,166,618**	**$ 30,543,634**	**$ 30,466,576**	**$ 30,120,645**	**$ 31,014,491**
Other Financing Sources	3,195,480	3,313,020	2,379,273	3,720,499	14,136,212	4,614,046	19,445,544	5,438,832	5,429,534
Total Revenues & Transfers	**$ 31,207,709**	**$ 29,673,833**	**$ 29,451,289**	**$ 33,732,050**	**$ 45,302,830**	**$ 35,157,680**	**$ 49,912,120**	**$ 35,559,477**	**$ 36,444,025**
Expenditures									
Salaries	$ 6,283,752	$ 6,859,852	$ 7,394,752	$ 6,744,500	$ 7,661,149	$ 7,854,458	$ 8,072,090	$ 8,300,141	$ 8,534,963
Benefits	3,593,335	3,840,301	4,259,365	4,018,165	4,391,100	4,682,445	4,953,632	5,242,198	5,508,496
Contractual Services	6,689,732	7,151,600	8,488,634	8,603,409	8,241,524	8,236,085	8,027,341	8,073,068	8,299,863
Supplies	1,352,807	1,462,923	1,574,959	1,310,560	1,548,594	1,634,930	1,598,566	1,653,291	1,691,375
Capital Outlay	3,933,432	2,631,228	6,174,464	4,638,551	17,232,037	5,471,740	19,054,718	3,321,467	3,565,400
Contingency	-	-	80,000	302,000	75,000	75,000	75,000	75,000	75,000
Developer Commitment	35,938	30,948	-	-	-	-	-	-	-
Debt Service	4,595,131	4,856,405	4,742,902	4,742,902	4,404,851	4,488,827	3,049,959	4,056,958	3,874,383
Total Expenditures	**$ 26,484,127**	**$ 26,833,257**	**$ 32,715,076**	**$ 30,360,087**	**$ 43,554,255**	**$ 32,443,485**	**$ 44,831,306**	**$ 30,722,123**	**$ 31,549,480**
Other Financing Uses	3,212,905	3,325,686	2,405,857	3,728,089	5,455,727	4,642,599	4,377,477	5,470,790	5,463,349
Total Expenditures & Transfers	**$ 29,697,032**	**$ 30,158,943**	**$ 35,120,933**	**$ 34,088,176**	**$ 49,009,982**	**$ 37,086,084**	**$ 49,208,783**	**$ 36,192,913**	**$ 37,012,829**
Surplus (Deficit)	$ 1,510,677	$ (485,110)	$ (5,669,644)	$ (356,126)	$ (3,707,152)	$ (1,928,404)	$ 703,337	$ (633,436)	$ (568,804)
Ending Fund Balance	**$ 12,486,846**	**$ 12,001,733**	**$ 7,701,419**	**$ 11,645,607**	**$ 7,938,455**	**$ 6,010,051**	**$ 6,713,388**	**$ 6,079,952**	**$ 5,511,148**
	42.05%	*39.79%*	*21.93%*	*34.16%*	*16.20%*	*16.21%*	*13.64%*	*16.80%*	*14.89%*



Account Number	Description		FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
CITY											
		Cash Flow - Surplus(Deficit)									
		General	$ 383,443	$ 632,238	$ (315,646)	$ -	-	$ (1,747,405)	$ (1,439,952)	$ (2,124,567)	$ (2,433,081)
		Fox Hill	3,928	3,008	(21,292)	(5,491)	(40,200)	9,300	10,360	12,860	12,860
		Sunflower	(1,374)	6,427	37	3,163	3,800	3,800	3,360	3,360	3,360
		Motor Fuel Tax	(63,113)	60,325	(303,601)	212,035	(1,175,394)	314,557	(49,358)	(9,106)	11,559
	Operating Funds	City Wide Capital	240,530	(41,273)	(2,287,477)	(584,476)	270,086	(273,765)	-	-	-
		Buildings & Grounds	-	-	-	-	(108,632)	108,632	-	-	-
		Vehicle & Equipment	138,795	15,654	(202,971)	861,490	(1,099,772)	(22,469)	-	-	-
		Debt Service	-	-	-	-	-	-	-	-	-
		Water	948,764	(264,783)	(1,176,045)	352,795	(1,141,902)	(496,275)	1,629,591	1,307,524	1,525,068
		Sewer	(300,804)	112,137	(468,685)	(377,360)	(196,275)	146,969	464,093	84,193	375,939
		Land Cash	490,036	36,009	(206,429)	(208,642)	20,760	(49,646)	5,454	5,454	-
		Park & Recreation	(20,939)	(41,431)	(369,462)	(338,485)	(73,000)	-	-	-	-
		Countryside TIF	37,359	(719,325)	(68,521)	(71,025)	37,188	49,733	55,628	63,162	(86,217)
		Downtown TIF	(343,212)	(213,032)	(230,052)	(223,993)	(221,837)	(8,574)	(7,821)	(10,469)	(13,227)
		Downtown TIF II	(2,736)	(71,064)	(19,500)	23,863	18,026	36,739	31,982	34,153	34,935
			$ 1,510,677	**$ (485,110)**	**$ (5,669,644)**	**$ (356,126)**	**$ (3,707,152)**	**$ (1,928,404)**	**$ 703,337**	**$ (633,436)**	**$ (568,804)**
		Cash Flow - Fund Balance									
		General	$ 6,879,823	$ 7,512,060	$ 7,322,013	$ 7,512,060	$ 7,512,060	$ 5,764,655	$ 4,324,703	$ 2,200,136	$ (232,945)
		Fox Hill	10,485	13,492	(15,614)	8,001	(32,199)	(22,899)	(12,539)	321	13,181
		Sunflower	(22,626)	(16,200)	(18,630)	(13,037)	(9,237)	(5,437)	(2,077)	1,283	4,643
		Motor Fuel Tax	635,382	695,707	345,323	907,742	(267,652)	46,905	(2,453)	(11,559)	-
	Operating Funds	City Wide Capital	629,429	588,155	78,960	3,679	273,765	-	-	-	-
		Buildings & Grounds	-	-	-	-	(108,632)	-	-	-	-
		Vehicle & Equipment	496,042	511,692	265,013	1,373,182	273,410	250,941	250,941	250,941	250,941
		Debt Service	-	-	-	-	-	-	-	-	-
		Water	3,533,027	3,268,245	1,827,113	3,621,040	2,479,138	1,982,863	3,612,454	4,919,978	6,445,046
		Sewer	1,110,251	1,222,388	606,819	845,028	648,753	795,722	1,259,815	1,344,008	1,719,947
		Land Cash	211,832	247,841	39,244	39,199	59,959	10,313	15,767	21,221	21,221
		Park & Recreation	452,914	411,485	-	73,000	-	-	-	-	-
		Countryside TIF	(422,459)	(1,141,784)	(1,209,865)	(1,212,809)	(1,175,621)	(1,125,888)	(1,070,260)	(1,007,098)	(1,093,315)
		Downtown TIF	(1,024,518)	(1,237,549)	(1,472,892)	(1,461,542)	(1,683,379)	(1,691,953)	(1,699,774)	(1,710,243)	(1,723,470)
		Downtown TIF II	(2,736)	(73,799)	(66,065)	(49,936)	(31,910)	4,829	36,811	70,964	105,899
			$ 12,486,846	**$ 12,001,733**	**$ 7,701,419**	**$ 11,645,607**	**$ 7,938,455**	**$ 6,010,051**	**$ 6,713,388**	**$ 6,079,952**	**$ 5,511,148**

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
	Library									
	Cash Flow - Surplus(Deficit)									
	Library Ops	$ 43,915	$ 24,335	$ (17,035)	$ 16,810	$ (40,641)	$ (53,294)	$ (62,421)	$ (76,602)	$ 3,490
	Library Capital	24,817	40,323	(25,000)	29,650	(25,300)	(25,250)	(25,250)	(25,250)	(1,160)
		$ 68,732	**$ 64,658**	**$ (42,035)**	**$ 46,460**	**$ (65,941)**	**$ (78,544)**	**$ (87,671)**	**$ (101,852)**	**$ 2,330**
	Cash Flow - Fund Balance									
	Library Ops	$ 554,271	$ 578,607	$ 557,653	$ 595,417	$ 554,776	$ 501,482	$ 439,061	$ 362,459	$ 365,949
	Library Capital	83,260	123,583	104,485	153,233	127,933	102,683	77,433	52,183	51,023
		$ 637,531	**$ 702,190**	**$ 662,138**	**$ 748,650**	**$ 682,709**	**$ 604,165**	**$ 516,494**	**$ 414,642**	**$ 416,972**

Account Number	Description		FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Allocated Insurance Expenditures - Aggregated											
		Liability Insurance	$ 361,843	$ 377,221	$ 415,504	$ 394,694	$ 418,375	$ 443,477	$ 470,085	$ 498,290	$ 528,187
		Unemployment Ins	$ 19,300	$ 16,925	$ 18,500	$ 20,100	$ 20,350	$ 20,350	$ 20,350	$ 20,350	$ 20,350
	City	Health Insurance	$ 1,370,195	$ 1,402,488	$ 1,515,545	$ 1,357,046	$ 1,485,885	$ 1,620,897	$ 1,747,370	$ 1,883,958	$ 2,031,475
	City	Dental Insurance	$ 98,886	$ 101,167	$ 97,523	$ 90,206	$ 103,083	$ 109,580	$ 115,060	$ 120,812	$ 126,853
	City	Vision Insurance	$ 14,070	$ 14,440	$ 15,420	$ 14,720	$ 16,137	$ 16,808	$ 17,311	$ 17,831	$ 18,367
	Library	*Health Insurance*	$ 68,695	$ 71,184	$ 76,764	$ 66,215	$ 108,882	$ 117,593	$ 127,000	$ 137,160	$ 148,133
	Library	Dental Insurance	$ 6,699	$ 6,987	$ 6,322	$ 5,977	$ 7,348	$ 7,715	$ 8,101	$ 8,506	$ 8,931
	Library	Vision Insurance	$ 973	$ 1,012	$ 1,012	$ 974	$ 1,128	$ 1,162	$ 1,197	$ 1,233	$ 1,270
Property Taxes											
		Corporate	$ 2,191,159	$ 2,123,744	$ 2,107,099	$ 2,100,975	$ 2,091,475	$ 2,076,475	$ 2,086,475	$ 2,101,475	$ 2,141,475
		Police Pension	958,476	1,108,182	1,230,604	1,226,938	1,334,771	1,434,771	1,509,771	1,584,771	1,634,771
		Total City	**$ 3,149,635**	**$ 3,231,926**	**$ 3,337,703**	**$ 3,327,913**	**$ 3,426,246**	**$ 3,511,246**	**$ 3,596,246**	**$ 3,686,246**	**$ 3,776,246**
			4.14%	*2.61%*	*3.27%*	*2.97%*	*2.95%*	*2.48%*	*2.42%*	*2.50%*	*2.44%*
		Library Operations	$ 669,065	$ 702,716	$ 739,047	$ 736,883	$ 758,000	$ 780,740	$ 804,162	$ 828,287	$ 853,136
		Library Debt Service	788,022	794,715	822,953	824,640	836,024	843,076	862,416	859,680	-
		Total Library	**$ 1,457,087**	**$ 1,497,431**	**$ 1,562,000**	**$ 1,561,523**	**$ 1,594,024**	**$ 1,623,816**	**$ 1,666,578**	**$ 1,687,967**	**$ 853,136**
		Special Service Areas	$ 29,020	$ 31,522	$ 36,397	$ 36,397	$ 40,000	$ 42,500	$ 46,000	$ 48,500	$ 48,500
			11.82%	**8.62%**	**15.47%**	**15.47%**	**9.90%**	**6.25%**	**0.00%**	**0.00%**	**0.00%**

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
	Property Taxes (continued)									
	TIF Districts	$ 277,335	$ 303,814	$ 254,965	$ 269,441	$ 379,253	$ 397,741	$ 405,809	$ 414,080	$ 422,557
		300.07%	**9.55%**	**-16.08%**	**-11.31%**	**40.76%**	**4.87%**	**0.00%**	**0.00%**	**0.00%**
	Road & Bridge Tax	$ 128,668	$ 131,199	$ 130,000	$ 52,363	$ 130,000	$ 130,000	$ 130,000	$ 130,000	$ 130,000
		-25.09%	**1.97%**	**-0.91%**	**-60.09%**	**148.27%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**
	Grand Total	**$ 5,041,745**	**$ 5,195,892**	**$ 5,321,065**	**$ 5,247,637**	**$ 5,569,523**	**$ 5,705,303**	**$ 5,844,633**	**$ 5,966,793**	**$ 5,230,439**
		3.82%	*3.06%*	*2.41%*	*1.00%*	*6.13%*	*2.44%*	*2.44%*	*2.09%*	*-12.34%*
		-	-	-	-	-	-	-	-	-
	Total City Debt Service Payments	**$ 4,595,131**	**$ 4,856,405**	**$ 4,742,902**	**$ 4,742,902**	**$ 4,404,851**	**$ 4,488,827**	**$ 3,049,959**	**$ 4,056,958**	**$ 3,874,383**
	Principal	3,465,452	3,856,504	3,890,279	3,890,279	3,544,947	3,617,707	2,307,586	2,667,582	2,805,076
	Interest	1,129,679	999,901	852,623	852,623	859,904	871,120	742,373	1,389,376	1,069,307
	Building Permits Revenue	**$ 477,701**	**$ 435,021**	**$ 400,000**	**$ 650,000**	**$ 450,000**	**$ 400,000**	**$ 400,000**	**$ 400,000**	**$ 400,000**
	Aggregated Salary & Wage Information									
	City Salaries									
	Full Time	$ 5,860,771	$ 6,413,075	$ 6,849,252	$ 6,371,500	$ 7,109,489	$ 7,313,298	$ 7,496,130	$ 7,721,013	$ 7,952,643
	Overtime	131,298	136,347	159,000	154,000	161,500	151,500	151,500	151,500	151,500
	Part Time	291,683	310,430	386,500	219,000	390,160	389,660	424,460	427,628	430,820
	Total	**$ 6,283,752**	**$ 6,859,852**	**$ 7,394,752**	**$ 6,744,500**	**$ 7,661,149**	**$ 7,854,458**	**$ 8,072,090**	**$ 8,300,141**	**$ 8,534,963**
	Lib Salaries									
	Full Time	$ 261,231	$ 275,622	$ 289,742	$ 280,000	$ 292,720	$ 299,306	$ 306,789	$ 315,993	$ 325,473
	Part Time	165,624	166,497	190,000	160,000	190,000	205,729	221,551	237,410	253,305
	Total	**$ 426,855**	**$ 442,119**	**$ 479,742**	**$ 440,000**	**$ 482,720**	**$ 505,035**	**$ 528,340**	**$ 553,403**	**$ 578,778**
	Total Salaries									
	Full Time	$ 6,122,002	$ 6,688,697	$ 7,138,994	$ 6,651,500	$ 7,402,209	$ 7,612,604	$ 7,802,919	$ 8,037,006	$ 8,278,116
	Overtime	131,298	136,347	159,000	154,000	161,500	151,500	151,500	151,500	151,500
	Part Time	457,307	476,927	576,500	379,000	580,160	595,389	646,011	665,038	684,125
	Total	**$ 6,710,607**	**$ 7,301,971**	**$ 7,874,494**	**$ 7,184,500**	**$ 8,143,869**	**$ 8,359,493**	**$ 8,600,430**	**$ 8,853,544**	**$ 9,113,741**

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Aggregated Benefit Information										
City	**Benefits**									
	IMRF	$ 326,130	$ 336,965	$ 443,872	$ 424,421	$ 467,908	$ 476,238	$ 500,390	$ 526,671	$ 542,327
	Police Pension	963,361	1,111,484	1,230,604	1,230,604	1,334,771	1,434,771	1,509,771	1,584,771	1,634,771
	FICA	457,541	498,202	542,671	505,901	565,070	582,215	596,772	614,677	633,118
	Total	**$ 1,747,032**	**$ 1,946,651**	**$ 2,217,147**	**$ 2,160,926**	**$ 2,367,749**	**$ 2,493,224**	**$ 2,606,933**	**$ 2,726,119**	**$ 2,810,216**
Lib	**Benefits**									
	IMRF	$ 26,614	$ 27,240	$ 32,779	$ 32,779	$ 32,882	$ 34,271	$ 36,017	$ 37,919	$ 39,057
	FICA	31,983	33,137	35,952	33,000	35,739	38,635	40,418	42,335	44,277
	Total	**$ 58,597**	**$ 60,377**	**$ 68,731**	**$ 65,779**	**$ 68,621**	**$ 72,906**	**$ 76,435**	**$ 80,254**	**$ 83,334**
Total	**Benefits**									
	IMRF	$ 352,744	$ 364,205	$ 476,651	$ 457,200	$ 500,790	$ 510,509	$ 536,407	$ 564,590	$ 581,384
	Police Pension	963,361	1,111,484	1,230,604	1,230,604	1,334,771	1,434,771	1,509,771	1,584,771	1,634,771
	FICA	489,524	531,339	578,623	538,901	600,809	620,850	637,190	657,012	677,395
	Total	**$ 1,805,629**	**$ 2,007,028**	**$ 2,285,878**	**$ 2,226,705**	**$ 2,436,370**	**$ 2,566,130**	**$ 2,683,368**	**$ 2,806,373**	**$ 2,893,550**
Selected Capital Projects - Aggregated > $500,000										
	Route 47 Expansion Project	**$ 164,848**	**$ 149,129**	**$ 149,136**	**$ 149,136**	**$ 149,136**	**$ 68,440**	**$ -**	**$ -**	**$ -**
	MFT	73,787	73,787	73,788	73,788	73,788	37,045	-	-	-
	Water	58,053	45,372	45,372	45,372	45,372	18,905	-	-	-
	Sewer	25,526	22,482	22,488	22,488	22,488	9,370	-	-	-
	Downtown TIF	7,482	7,488	7,488	7,488	7,488	3,120	-	-	-
	Road to Better Roads Program	**$ 575,257**	**$ 1,344,160**	**$ 1,728,174**	**$ 910,000**	**$ 2,720,000**	**$ 2,287,000**	**$ 2,180,000**	**$ 1,808,000**	**$ 2,266,933**
	MFT	355,271	553,480	781,674	775,000	920,000	700,000	700,000	680,000	676,933
	City-Wide Capital	69,893	99,289	312,500	100,000	850,000	300,000	300,000	300,000	300,000
	Water	15,564	631,491	634,000	35,000	950,000	847,000	720,000	168,000	850,000
	Sewer	134,529	59,900	-	-	-	440,000	460,000	660,000	440,000
	RTBR - Roads Only	**$ 425,164**	**$ 652,769**	**$ 1,094,174**	**$ 875,000**	**$ 1,770,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 980,000**	**$ 976,933**
	Mill Road	**$ -**	**$ 167,329**	**$ -**	**$ 27,968**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	City-Wide	195,781	186,548	-	38,260	2,260,000	-	-	-	-
	Developer Reimb	(195,781)	(19,219)	-	(10,292)	(2,260,000)	-	-	-	-

Account Number	Description	FY 2019 Actual	FY 2020 Actual	FY 2021 Adopted	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Selected Capital Projects - Aggregated > $500,000 continued										
	Well Rehabs	**$ 119,204**	**$ 492**	**$ -**	**$ -**	**$ 192,000**	**$ 200,000**	**$ -**	**$ -**	**$ -**
	Water	119,204	492	-	-	192,000	200,000	-	-	-
	Cation Exchange Media Repl	**$ -**	**$ 59,622**	**$ 25,000**	**$ 151,403**	**$ 216,000**	**$ 173,000**	**$ -**	**$ -**	**$ -**
	Water	-	59,622	25,000	151,403	216,000	173,000	-	-	-
	Rte 71 Water/Sewer Main Replacement	**$ 288,710**	**$ 21,222**	**$ 47,094**	**$ 77,388**	**$ 101,929**	**$ -**	**$ -**	**$ -**	**$ -**
	Water	288,136	8,997	12,871	26,686	33,208	-	-	-	-
	Sewer	574	12,225	34,223	50,702	68,721	-	-	-	-
	Water Tower Painting	**$ -**	**$ -**	**$ 18,000**	**$ -**	**$ 20,000**	**$ 520,000**	**$ 20,000**	**$ 530,000**	**$ -**
	Water	-	-	18,000	-	20,000	520,000	20,000	530,000	-
	Whispering Meadows	**$ 1,090,185**	**$ 3,099**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	City-Wide	974,071	2,828	-	-	-	-	-	-	-
	Water	42,560	271	-	-	-	-	-	-	-
	Sewer	73,554	-	-	-	-	-	-	-	-
	Fox Hill Improvements	**$ -**	**$ -**	**$ (5,000)**	**$ (333,875)**	**$ 932,750**	**$ (417,875)**	**$ -**	**$ -**	**$ -**
	MFT	-	-	-	-	1,253,625	-	-	-	-
	City-Wide	-	-	-	84,000	97,000	-	-	-	-
	Rebuild IL Proceeds	-	-	(5,000)	(417,875)	(417,875)	(417,875)	-	-	-
	Bristol Ridge Road	**$ -**	**$ -**	**$ -**	**$ -**	**$ 70,000**	**$ 158,825**	**$ -**	**$ -**	**$ -**
	City-Wide	-	-	-	-	70,000	635,300	-	-	-
	Grant Proceeds	-	-	-	-	-	(476,475)	-	-	-
	Kennedy Road (North)	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,235**	**$ -**	**$ -**	**$ -**
	City-Wide	-	-	-	-	60,000	572,000	-	-	-
	Developer Reimb	-	-	-	-	(60,000)	(562,765)	-	-	-
	Kennedy Road (Freedom Place)	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	City-Wide	-	-	-	-	-	120,000	1,015,000	-	-
	Permit Fees	-	-	-	-	-	(120,000)	(1,015,000)	-	-

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	☐
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Consent Agenda #1

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Regular City Council – March 9, 2021

Meeting and Date: City Council – March 23, 2021

Synopsis: Approval of Minutes

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Lisa Pickering (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

DRAFT

MINUTES OF THE REGULAR MEETING OF THE CITY COUNCIL OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, HELD IN THE CITY COUNCIL CHAMBERS, 800 GAME FARM ROAD ON TUESDAY, MARCH 9, 2021

Mayor Purcell called the meeting to order at 7:00 p.m. and led the Council in the Pledge of Allegiance.

Mayor Purcell stated that he has determined that under the Governor's orders the meeting can be held with electronic attendance for the safety of the council members and the public and to help prevent the spread of the coronavirus.

ROLL CALL

City Clerk Pickering called the roll.

Ward I	Koch	Present
	Transier	Present
Ward II	Milschewski	Present (electronic attendance)
	Plocher	Present (electronic attendance)
Ward III	Funkhouser	Present
	Frieders	Present (electronic attendance)
Ward IV	Tarulis	Present (electronic attendance)
	Peterson	Present (electronic attendance

Staff in attendance at city hall: City Administrator Olson and Chief of Police Jensen.

Staff in attendance electronically: City Clerk Pickering, Public Works Director Dhuse, Community Development Director Barksdale-Noble, Finance Director Fredrickson, Parks and Recreation Director Evans, Assistant City Administrator Willrett, Building Code Official Ratos, and Purchasing Manager Parker, Attorney Orr, and EEI Engineer Sanderson.

Clerk's Note: Due to COVID-19, in accordance with Public Act 101-0640 and Gubernatorial Disaster Proclamation issued by Governor Pritzker pursuant to the powers vested in the Governor under the Illinois Emergency Management Act, the United City of Yorkville encouraged social distancing by allowing remote attendance to the City Council meeting.

Members of the public were able to attend this meeting in person while practicing social distancing as well as being able to access the meeting remotely via Zoom which allowed for video, audio and telephonic participation.

A meeting notice was posted on the city's website on the agenda, minutes and packets webpage with instructions regarding remote meeting access and a link was included for the public to participate in the meeting remotely: https://us02web.zoom.us/j/84507116668?pwd=bFF5UjVVNmFvTEVOeElWcS9zRkw5UT09. The Zoom meeting ID was 845 0711 6668.

QUORUM

A quorum was established**.**

AMENDMENTS TO THE AGENDA

None.

PRESENTATIONS

None.

PUBLIC HEARINGS

None.

CITIZEN COMMENTS ON AGENDA ITEMS

None.

CONSENT AGENDA

1. Minutes of the Regular City Council – February 23, 2021
2. Bill Payments for Approval
   - $ 548,994.76 (vendors)
   - $ 318,439.65 (payroll period ending 3/5/21)
   - $ 867,434.41 (total)

Mayor Purcell entertained a motion to approve the consent agenda. So moved by Alderman Peterson; seconded by Alderman Tarulis.

Motion approved by a roll call vote. Ayes-8 Nays-0
Koch-aye, Milschewski-aye, Funkhouser-aye, Tarulis-aye,
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye

REPORTS

MAYOR'S REPORT

St. Patrick's Day Celebration

Mayor Purcell reported that the city would be holding the annual St. Patrick's Day celebration on Saturday, March 13th. Activities start at 9:00 a.m. with a 5k run at Southbank Original BBQ. There will be a leprechaun hunt as well as a leprechaun meet and greet from 9:00 a.m. until 1:00 p.m. at Riverfront Park. There will also be fireworks starting around 6:30 p.m. at Route 47 and Countryside Parkway. Additionally, many businesses throughout Yorkville will have plenty of St. Patrick's Day activities going on inside their businesses.

Appraisal Updates

Mayor Purcell reported that appraisals on a few city owned properties were ordered last week.

RFQ – Public Works Facility

Mayor Purcell reported that the RFQ for the Public Works Facility is closing on Friday, March 12th. Nine businesses have expressed interest in the RFQ.

Resolution 2021-11 **Authorizing the Purchase of Two Police SUVs from Morrow Brothers Ford, Greenfield, Illinois in the Amount not to Exceed $150,000 from the FY22 Budget**
(PS 2021-07)

Mayor Purcell entertained a motion to approve a Resolution Authorizing the Purchase of Two Police SUVs from Morrow Brothers Ford, Greenfield, Illinois in the amount not to exceed $150,000 from the FY 22 Budget. So moved by Alderman Koch; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-8 Nays-0
Milschewski-aye, Funkhouser-aye, Tarulis-aye, Transier-aye,
Plocher-aye, Frieders-aye, Peterson-aye, Koch-aye

Resolution 2021-12 **Authorizing the Disposal of Personal Property Owned by the City (City Owned Police Vehicles)**
(PS 2021-08)

Mayor Purcell entertained a motion to approve a Resolution Authorizing the Disposal of Personal Property Owned by the City (City Owned Police Vehicles). So moved by Alderman Koch; seconded by Alderman Tarulis.

Motion approved by a roll call vote. Ayes-8 Nays-0
Funkhouser-aye, Tarulis-aye, Transier-aye, Plocher-aye,
Frieders-aye, Peterson-aye, Koch-aye, Milschewski-aye

PUBLIC WORKS COMMITTEE REPORT

No report.

ECONOMIC DEVELOPMENT COMMITTEE REPORT

Resolution 2021-13 **to Induce the Redevelopment of Certain Properties within the Yorkville Downtown Redevelopment Project Area #2**
(EDC 2021-21)

Alderman Milschewski made a motion to approve a Resolution to Induce the Redevelopment of Certain Properties within the Yorkville Downtown Redevelopment Project Area #2 and authorize the Mayor and City Clerk to execute; seconded by Alderman Peterson.

Director Noble explained this is an inducement resolution for a developer that is looking to purchase property in downtown Yorkville at the northwest corner of Van Emmon and S. Main Streets.

Motion approved by a roll call vote. Ayes-8 Nays-0
Tarulis-aye, Transier-aye, Plocher-aye, Frieders-aye,
Peterson-aye, Koch-aye, Milschewski-aye, Funkhouser-aye

PUBLIC SAFETY COMMITTEE REPORT

No report.

ADMINISTRATION COMMITTEE REPORT

No report.

PARK BOARD

No report.

PLANNING AND ZONING COMMISSION

No report.

CITY COUNCIL REPORT

National Suicide Prevention + Action Month Proclamation Project

Alderman Frieders reported that the National Suicide Prevention + Action Month Proclamation project currently has thirty-seven cities in eighteen states that have agreed to issue proclamations. He is also working a separate project with craft beer entitled "The Things We Don't Say". So far ninety breweries have signed up. They are going to be releasing ninety different beers in four different countries.

CITY CLERK'S REPORT

No report.

COMMUNITY & LIAISON REPORT

KenCom Text-to-911

Alderman Funkhouser reported that KenCom has completed testing of the new Text-to-911 service which is a new service for the hearing impaired or in a situation where voice is not an option.

STAFF REPORT

Metra Extension

Administrator Olson reported that Metra would be holding a virtual open house on the Metra Extension via Zoom on Wednesday, March 10th from 5:00 p.m. until 7:00 p.m. Information will be posted on the city website with instructions for accessing the virtual open house.

MAYOR'S REPORT (cont'd)

Water Planning Meeting

Mayor Purcell reported that he attended a Zoom meeting on water planning which included an update on Joliet's water project. He said in a few months the city will need to give some direction as to whether the city wants to work with Joliet for future water sources.

Prairie Pointe Building Update
(CC 2021-04)

Administrator Olson will be giving the elected officials tours of the Prairie Pointe building in the next couple of weeks.

Ordinance Authorizing the Eighth Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2020 and Ending on April 30, 2021 (FY 2021 General Fund Surplus Allocation)
(CC 2021-10)

Mayor Purcell entertained a motion to approve an Ordinance Authorizing the Eighth Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2020 and Ending on April 30, 2021 (FY 2021 General Fund Surplus Allocation). So moved by Alderman Peterson; seconded by Alderman Milschewski.

Administrator Olson said that the city is going to end fiscal year 2021 with a sizeable surplus. Staff has allocated 2.2 million dollars for previously unbudgeted and budgeted projects. In general this includes two new police cars, two large plow trucks for public works, funding for the UDO and ERP projects, supplemental RTBR program for this year in addition to the regular program, increased funding for the sidewalk program, and funding for parks and recreation vehicles as well as funding for playground replacements.

Discussion took place that some aldermen preferred to look at the proposed fiscal year 2022 budget prior to making a decision on this budget amendment while another alderman said that some of these projects have long been deferred and it was suggested to move forward with this. Another comment was made that several new vehicles have been purchased recently for the police department, and it was suggested that some of the funding for police vehicles should be used to fund public works vehicles instead.

It was decided move into the fiscal year 2022 budget presentation and then to return to this item after the budget presentation.

PRESENTATIONS (cont'd)

Fiscal Year 2022 Budget Presentation

City Administrator Olson gave a PowerPoint presentation on the fiscal year 2022 budget (*see attached*). He said a public hearing on the budget is scheduled to be held at the March 23rd meeting. The budget needs to be approved by April 30, 2021.

After the presentation, one alderman suggested that the 2.5 million dollars that the city is expecting to receive from the American Rescue Plan be allocated for a new public works building if allowed under the plan. Other discussion took place that if the council voted on the budget amendment, any purchases over $25,000 would still need to be brought back for council approval. Some aldermen indicated they would like to move forward with the budget amendment while others wanted to wait and put the funds into the fiscal year 2022 budget.

MAYOR'S REPORT (cont'd)

Ordinance Authorizing the Eighth Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2020 and Ending on April 30, 2021 (FY 2021 General Fund Surplus Allocation)

(CC 2021-10)

After the conclusion of the budget presentation and discussion, the council returned to the Ordinance Authorizing the Eighth Amendment to the Annual Budget for fiscal year 2021. Mayor Purcell said that he heard some of the aldermen wanted to vote on this and some of the aldermen wanted to bring this back to the next meeting. He pointed out that six votes will be needed to approve this budget amendment. He said that he had heard several comments during discussion about spending money on public works vehicles. It was talked about discussion taking place on public works vehicles at next week's public works meeting. Further discussion took place on road projects, parks vehicles and playground equipment.

Alderman Funkhouser made a motion to table this item indefinitely. Mayor Purcell said the motion dies for lack of a second.

Mayor Purcell asked for a roll call vote on the original motion to approve the Ordinance Authorizing the Eighth Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2020 and Ending on April 30, 2021.

Motion fails by a roll call vote. Ayes-4 Nays-4
Transier-aye, Plocher-aye, Frieders-aye, Peterson-aye,
Koch-nay, Milschewski-nay, Funkhouser-nay, Tarulis-nay

ADDITIONAL BUSINESS

None.

CITIZEN COMMENTS

None.

EXECUTIVE SESSION

None.

ADJOURNMENT

Mayor Purcell entertained a motion to adjourn the City Council meeting. So moved by Alderman Frieders; seconded by Alderman Plocher.

Motion unanimously approved by a viva voce vote.

Meeting adjourned at 8:45 p.m.

Minutes submitted by:

Lisa Pickering,
City Clerk, City of Yorkville, Illinois

Reviewed By:	
Legal	☐
Finance	■
Engineer	☐
City Administrator	☐
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Consent Agenda #2

Tracking Number

Agenda Item Summary Memo

Title: Bills for Payment

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Amy Simmons (Name) Finance (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

UNITED CITY OF YORKVILLE
MANUAL CHECK REGISTER

CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	CHECK DATE	ACCOUNT #	ITEM AMT	
131184	KCR	KENDALL COUNTY RECORDER'S			03/10/21			
	55362	03/10/21	01	SATISFACTION OF TAX LIEN-2958		01-000-24-00-2440	67.00	
			02	ELLSWORTH		** COMMENT **		
			03	SATISFACTION OF TAX LIEN-2292		01-000-24-00-2440	67.00	
			04	GRAND TRAIL CT & 2831 OLD		** COMMENT **		
			05	GLORY DR		** COMMENT **		
			06	SATISFACTION OF TAX LIEN-2394		01-000-24-00-2440	67.00	
			07	AUTUMN CRK		** COMMENT **		
			08	2 NEW UTILITY LIENS, RELEASE		51-510-54-00-5448	268.00	
			09	OF 2 UTILITY LIENS		** COMMENT **		
						INVOICE TOTAL:	469.00 *	
						CHECK TOTAL:		469.00
						TOTAL AMOUNT PAID:		469.00

01-110 ADMINISTRATION
01-120 FINANCE
01-210 POLICE
01-220 COMMUNITY DEVELOPMENT
01-410 STREET OPERATIONS
01-540 HEALTH & SANITATION
01-640 ADMINISTRATIVE SERVICES
11-111 FOX HILL SSA
12-112 SUNFLOWER ESTATES
15-155 MOTOR FUEL TAX(MFT)
23-216 MUNICIPAL BUILDING
23-230 CITY-WIDE CAPITAL
25-205 POLICE CAPITAL
25-215 PUBLIC WORKS CAPITAL
25-225 PARKS & REC CAPITAL
42-420 DEBT SERVICE
51-510 WATER OPERATIONS
52-520 SEWER OPERATIONS
72-720 LAND CASH
79-790 PARKS DEPARTMENT
79-795 RECREATION DEPARTMENT
82-820 LIBRARY OPERATIONS
84-840 LIBRARY CAPITAL
87-870 COUNTRYSIDE TIF
88-880 DOWNTOWN TIF
89-890 DOWNTOWN TIF II
90-XXX DEVELOPER ESCROW
95-XXX ESCROW DEPOSIT

UNITED CITY OF YORKVILLE
CHECK REGISTER

CHECK DATE: 03/16/21

CHECK #	VENDOR #	INVOICE NUMBER	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	ITEM AMT
534345	BNSF	BNSF RAILWAY COMPANY					
	MILL RD AGRMNT		03/15/21	01	MILL RD STIPULATED AGREEMENT	23-230-60-00-6012	5,747.50
				02	UMBRELLA RPLI PARTICIPATION	** COMMENT **	
				03	COST	** COMMENT **	
						INVOICE TOTAL:	5,747.50 *
						CHECK TOTAL:	5,747.50
						TOTAL AMOUNT PAID:	5,747.50

01-110 ADMINISTRATION
01-120 FINANCE
01-210 POLICE
01-220 COMMUNITY DEVELOPMENT
01-410 STREET OPERATIONS
01-540 HEALTH & SANITATION
01-640 ADMINISTRATIVE SERVICES
11-111 FOX HILL SSA
12-112 SUNFLOWER ESTATES
15-155 MOTOR FUEL TAX(MFT)
23-216 MUNICIPAL BUILDING
23-230 CITY-WIDE CAPITAL
25-205 POLICE CAPITAL
25-215 PUBLIC WORKS CAPITAL
25-225 PARKS & REC CAPITAL
42-420 DEBT SERVICE
51-510 WATER OPERATIONS
52-520 SEWER OPERATIONS
72-720 LAND CASH
79-790 PARKS DEPARTMENT
79-795 RECREATION DEPARTMENT
82-820 LIBRARY OPERATIONS
84-840 LIBRARY CAPITAL
87-870 COUNTRYSIDE TIF
88-880 DOWNTOWN TIF
89-890 DOWNTOWN TIF II
90-XXX DEVELOPER ESCROW
95-XXX ESCROW DEPOSIT

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534346	AACVB	AURORA AREA CONVENTION							
	1/21-SUPER		02/25/21	01	JAN 2021 SUPER 8 HOTEL TAX	01-640-54-00-5481		453.92	
						INVOICE TOTAL:		453.92	*
						CHECK TOTAL:		453.92	
534347	AMEHOIST	AMERICAN HOIST & MANLIFT, INC							
	17904		03/05/21	01	ELEVATOR REPAIR	23-216-54-00-5446		288.00	
						INVOICE TOTAL:		288.00	*
						CHECK TOTAL:		288.00	
534348	AMPERAGE	AMPERAGE ELECTRICAL SUPPLY INC							
	1150264-IN		02/24/21	01	PHOTO CONTROLS, TAPE, LAMPS	23-230-56-00-5642		402.16	
						INVOICE TOTAL:		402.16	*
	1150491-IN		02/25/21	01	LAMPS	23-230-56-00-5642		14.94	
						INVOICE TOTAL:		14.94	*
						CHECK TOTAL:		417.10	
D001999	ANTPLACE	ANTHONY PLACE YORKVILLE LP							
	APR 2021		03/01/21	01	CITY OF YORKVILLE HOUSING	01-640-54-00-5427		829.00	
				02	ASSISTANCE PROGRAM RENT	** COMMENT **			
				03	REIMBURSEMENT FOR APR 2021	** COMMENT **			
						INVOICE TOTAL:		829.00	*
						DIRECT DEPOSIT TOTAL:		829.00	
534349	ARTLIP	ARTLIP & SONS, INC.							
	0200630		03/04/21	01	REPLACE HEAT ELEMENT AT	23-216-54-00-5446		510.00	

UNITED CITY OF YORKVILLE
CHECK REGISTER

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT
534349	ARTLIP ARTLIP & SONS, INC.						
	0200630	03/04/21	02	651 PRIAIRIE POINT	** COMMENT **		
					INVOICE TOTAL:		510.00 *
					CHECK TOTAL:		510.00
534350	ATT AT&T						
	6305536805-0221	02/25/21	01	2/25-3/24 MONTHLY SERVICE	51-510-54-00-5440		577.56
					INVOICE TOTAL:		577.56 *
					CHECK TOTAL:		577.56
534351	ATTORGEN OFFICE OF IL. ATTORNEY GENERAL						
	FUND 958-CANTU 2021	03/04/21	01	SEX OFFENDER AWARENESS	01-000-24-00-2437		30.00
			02	TRAINING & EDUCATION	** COMMENT **		
			03	FUND-CANTU 2021	** COMMENT **		
					INVOICE TOTAL:		30.00 *
	FUND 958-KOWSKY-2021	03/04/21	01	SEX OFFENDER AWARENESS	01-000-24-00-2437		30.00
			02	TRAINING & EDUCATION	** COMMENT **		
			03	FUND-KOWSKY 2021	** COMMENT **		
					INVOICE TOTAL:		30.00 *
	FUND 958-MOELENKAMP	03/04/21	01	SEX OFFENDER AWARENESS	01-000-24-00-2437		30.00
			02	TRAINING & EDUCATION	** COMMENT **		
			03	FUND-MOEHLENKAMP 2021	** COMMENT **		
					INVOICE TOTAL:		30.00 *
	FUND 958-READING-MAT	03/04/21	01	SEX OFFENDER AWARENESS	01-000-24-00-2437		30.00
			02	TRAINING & EDUCATION	** COMMENT **		
			03	FUND-READING-MATHENA 2021	** COMMENT **		
					INVOICE TOTAL:		30.00 *
	FUND 958-VAUGHN	03/04/21	01	SEX OFFENDER AWARENESS	01-000-24-00-2437		30.00

UNITED CITY OF YORKVILLE
CHECK REGISTER

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT
534351	ATTORGEN	OFFICE OF IL. ATTORNEY GENERAL					
	FUND 958-VAUGHN	03/04/21	02	TRAINING & EDUCATION	** COMMENT **		
			03	FUND-VAUGHN 2021	** COMMENT **		
					INVOICE TOTAL:		30.00 *
					CHECK TOTAL:		150.00
534352	BATTERYS	BATTERY SERVICE CORPORATION					
	0071457	02/25/21	01	BATTERY	01-410-56-00-5628		89.95
					INVOICE TOTAL:		89.95 *
					CHECK TOTAL:		89.95
534353	CALLONE	UNITED COMMUNICATION SYSTEMS					
	384940	03/15/21	01	3/15-4/14 ADMIN LINES	01-110-54-00-5440		613.59
			02	3/15-4/14 CITY HALL NORTEL	01-110-54-00-5440		189.64
			03	3/15-4/14 CITY HALL NORTEL	01-210-54-00-5440		189.64
			04	3/15-4/14 CITY HALL NORTEL	51-510-54-00-5440		189.64
			05	3/15-4/14 POLICE LINES	01-210-54-00-5440		500.62
			06	3/15-4/14 CITY HALL FIRE	01-210-54-00-5440		1,032.11
			07	3/15-4/14 CITY HALL FIRE	01-110-54-00-5440		1,032.11
			08	3/15-4/14 PW LINES	51-510-54-00-5440		3,049.82
			09	3/15-4/14 SEWER DEPT LINES	52-520-54-00-5440		374.49
			10	3/15-4/14 TRAFFIC SIGNAL	01-410-54-00-5435		56.86
			11	MAINTENANCE	** COMMENT **		
			12	3/15-4/14 RECREATION LINES	79-795-54-00-5440		344.92
					INVOICE TOTAL:		7,573.44 *
					CHECK TOTAL:		7,573.44
534354	CAMBRIA	CAMBRIA SALES COMPANY INC.					
	42282	02/25/21	01	GARBAGE BAGS	01-110-56-00-5610		169.76
					INVOICE TOTAL:		169.76 *

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT
534354	CAMBRIA	CAMBRIA SALES COMPANY INC.					
	42293	03/01/21	01	PAPER TOWEL	52-520-56-00-5620		62.34
					INVOICE TOTAL:		62.34 *
					CHECK TOTAL:		232.10
534355	CARGILL	CARGILL, INC					
	2906031104	03/21/21	01	SALT	15-155-56-00-5618		9,606.48
					INVOICE TOTAL:		9,606.48 *
					CHECK TOTAL:		9,606.48
534356	CHICMAFP	CHICAGO METROPOLITAN AGENCY					
	022421-282	02/24/21	01	FY2021 LOCAL CONTRIBUTION	01-110-54-00-5460		677.53
					INVOICE TOTAL:		677.53 *
					CHECK TOTAL:		677.53
534357	CINTASFP	CINTAS CORPORATION FIRE 636525					
	0F94053112	01/20/21	01	1/1-3/21 MONITORING @ 2344	51-510-54-00-5445		237.00
			02	TREMONT ST	** COMMENT **		
					INVOICE TOTAL:		237.00 *
	0F94053113	01/20/21	01	1/1-3/31 MONITORING @ 3299	51-510-54-00-5445		237.00
			02	LEHMAN CR	** COMMENT **		
					INVOICE TOTAL:		237.00 *
					CHECK TOTAL:		474.00
534358	COMED	COMMONWEALTH EDISON					
	0091033126-0221	03/02/21	01	2/1-3/2 AUTUMN CRK & RT34	23-230-54-00-5482		71.49
					INVOICE TOTAL:		71.49 *

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534358	COMED COMMONWEALTH EDISON							
	1647065335-0221	03/03/21	01	2/1-3/2 SARAVANOS PUMP	52-520-54-00-5480		235.00	
					INVOICE TOTAL:		235.00	*
	1651011130-0221	03/02/21	01	1/29-3/1 651 PRAIRIE POINT	01-110-54-00-5480		8,760.56	
					INVOICE TOTAL:		8,760.56	*
	2947052031-0221	03/01/21	01	1/29-3/1 RIVER & RT 47	23-230-54-00-5482		395.15	
					INVOICE TOTAL:		395.15	*
	6819027011-0221	03/05/21	01	01/28-03/04 PR BUILDINGS	79-795-54-00-5480		302.04	
					INVOICE TOTAL:		302.04	*
	7110074020-0221	02/26/21	01	1/28-2/26 104 E VAN EMMON	01-110-54-00-5480		314.40	
					INVOICE TOTAL:		314.40	*
	7982120022-0221	03/03/21	01	1/29-3/1 609 BRIDGE ST	01-110-54-00-5480		43.25	
					INVOICE TOTAL:		43.25	*
					CHECK TOTAL:		10,121.89	
534359	CPS CERTIFIED POWER SOLUTIONS							
	50319349	02/26/21	01	ELECTRICAL PREWET DRIVER	01-410-56-00-5628		253.19	
					INVOICE TOTAL:		253.19	*
					CHECK TOTAL:		253.19	
534360	CROSSEVA CROSS EVANGELICAL LUTHERN							
	SESSION 3 RENTAL	03/09/21	01	SESSION 3 FACILITY RENTAL FEE	79-795-56-00-5606		2,000.00	
					INVOICE TOTAL:		2,000.00	*
					CHECK TOTAL:		2,000.00	
534361	DIRENRGY DIRECT ENERGY BUSINESS							

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534361	DIRENRGY DIRECT ENERGY BUSINESS							
	1704705-210610044916	03/02/21	01	1/28-2/25 KENNEDY & MCHUGH	23-230-54-00-5482		77.02	
					INVOICE TOTAL:		77.02	*
	1704707-210530044844	02/22/21	01	1/19-2/17 RT47 & KENNEDY	23-230-54-00-5482		1,026.44	
					INVOICE TOTAL:		1,026.44	*
	1704708-210630044937	03/04/21	01	1/29-2/28 1850 MARKETVIEW	23-230-54-00-5482		57.30	
					INVOICE TOTAL:		57.30	*
	1704709-210630044937	03/04/21	01	1/29-2/28 7 COUNTRYSIDE PKWY	23-230-54-00-5482		131.11	
					INVOICE TOTAL:		131.11	*
	1704710-210610044916	03/02/21	01	1/28-2/25 VAN EMMON LOT	23-230-54-00-5482		12.89	
					INVOICE TOTAL:		12.89	*
	1704711-210430044764	02/12/21	01	1/11-/9 KENNEDY RD	23-230-54-00-5482		171.48	
					INVOICE TOTAL:		171.48	*
	1704712-210560044872	02/25/21	01	1/22-2/22 421 POPLAR	23-230-54-00-5482		5,207.39	
					INVOICE TOTAL:		5,207.39	*
	1704713-210540044856	02/23/21	01	1/21-2/19 PAVILLION RD	23-230-54-00-5482		63.73	
					INVOICE TOTAL:		63.73	*
	1704714-210630044937	03/04/21	01	1/29-2/28 MCHUGH RD	23-230-54-00-5482		70.08	
					INVOICE TOTAL:		70.08	*
	1704715-210560044872	02/25/21	01	1/22-2/22 998 WHITE PLAINS	23-230-54-00-5482		8.86	
					INVOICE TOTAL:		8.86	*
	1704716-210630044937	03/04/21	01	1/29-3/1 1 COUNTRYSIDE PKWY	23-230-54-00-5482		147.26	
					INVOICE TOTAL:		147.26	*
	1704719-210600044906	03/01/21	01	1/26-2/24 LEASURE & SUNSET	23-230-54-00-5482		2,524.14	
					INVOICE TOTAL:		2,524.14	*

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534361	DIRENRGY DIRECT ENERGY BUSINESS							
	1704721-210630044937	03/04/21	01	1/29-2/28 610 TOWER WELLS	51-510-54-00-5480		8,733.64	
					INVOICE TOTAL:		8,733.64	*
	1704724-210570044888	02/26/21	01	1/19-2/16 3299 LEHMAN CR	51-510-54-00-5480		552.27	
					INVOICE TOTAL:		552.27	*
					CHECK TOTAL:		18,783.61	
534362	DUTEK THOMAS & JULIE FLETCHER							
	1013231	03/15/21	01	CAPS	01-410-56-00-5628		5.50	
					INVOICE TOTAL:		5.50	*
					CHECK TOTAL:		5.50	
534363	DYNEGY DYNEGY ENERGY SERVICES							
	386643521021	03/01/21	01	12/30-1/28 420 FAIRHAVEN	52-520-54-00-5480		114.28	
			02	12/31-1/31 6780 RT47	51-510-54-00-5480		108.02	
			03	1/28-2/25 456 KENNEDY RD	51-510-54-00-5480		155.67	
			04	1/14-2/11 BRIDGE ST TANK	51-510-54-00-5480		80.24	
			05	1/27-2/24 1106 PRAIRIE CR	52-520-54-00-5480		95.02	
			06	1/28-2/25 301 E HYDRAULIC	79-795-54-00-5480		51.10	
			07	1/4-2/1 FOXHILL 7 LIFT	52-520-54-00-5480		76.34	
			08	1/27-2/24 872 PRAIRIE CR	79-795-54-00-5480		54.90	
			09	1/14-2/11 9257 GALENA PARK	79-795-54-00-5480		45.41	
			10	12/30-1/28 101 BRUELL ST	52-520-54-00-5480		569.07	
			11	1/27-2/24 1908 RAINTREE RD	51-510-54-00-5480		305.60	
			12	1/28-2/25 PRESTWICK LIFT	52-520-54-00-5480		92.63	
			13	1/28-2/25 1991 CANNONBALL TR	51-510-54-00-5480		255.91	
			14	12/30-1/28 610 TOWER LN	51-510-54-00-5480		188.43	
			15	1/28-2/25 276 WINDHAM LIFT	52-520-54-00-5480		133.76	
			16	1/28-2/25 133 E HYDRAULIC	79-795-54-00-5480		115.37	
			17	12/30-1/28 1975 BRIDGE LIFT	52-520-54-00-5480		511.49	
					INVOICE TOTAL:		2,953.24	*
					CHECK TOTAL:		2,953.24	

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534364	ECO	ECO CLEAN MAINTENANCE INC						
	9425	02/24/21	01	FEB 2021 OFFICE CLEANING	01-110-54-00-5488		1,005.00	
			02	FEB 2021 OFFICE CLEANING	01-210-54-00-5488		1,005.00	
			03	FEB 2021 OFFICE CLEANING	79-790-54-00-5488		135.00	
			04	FEB 2021 OFFICE CLEANING	79-795-54-00-5488		525.00	
			05	FEB 2021 OFFICE CLEANING	01-410-54-00-5488		65.00	
			06	FEB 2021 OFFICE CLEANING	51-510-54-00-5488		65.00	
			07	FEB 2021 OFFICE CLEANING	52-520-54-00-5488		65.00	
					INVOICE TOTAL:		2,865.00	*
	9426	02/24/21	01	ADDITIONAL OFFICE	01-110-54-00-5488	COVID-19	85.75	
			02	CLEANING-FEB 2021	** COMMENT **			
			03	ADDITIONAL OFFICE	01-210-54-00-5488	COVID-19	85.75	
			04	CLEANING-FEB 2021	** COMMENT **			
			05	ADDITIONAL OFFICE	79-795-54-00-5488	COVID-19	105.00	
			06	CLEANING-FEB 2021	** COMMENT **			
			07	ADDITIONAL OFFICE	79-790-54-00-5488	COVID-19	97.50	
			08	CLEANING-FEB 2021	** COMMENT **			
			09	ADDITIONAL OFFICE	01-410-54-00-5488	COVID-19	42.50	
			10	CLEANING-FEB 2021	** COMMENT **			
			11	ADDITIONAL OFFICE	51-510-54-00-5488	COVID-19	42.50	
			12	CLEANING-FEB 2021	** COMMENT **			
			13	ADDITIONAL OFFICE	52-520-54-00-5488	COVID-19	42.50	
			14	CLEANING-FEB 2021	** COMMENT **			
					INVOICE TOTAL:		501.50	*
	9427	02/24/21	01	651 PRAIRIE POINTE DEEP CLEAN	23-216-54-00-5446		800.00	
			02	SERVICES ON 01/31/21	** COMMENT **			
					INVOICE TOTAL:		800.00	*
	9428	02/24/21	01	651 PRAIRIE POINTE OFFICE	23-216-54-00-5446		584.00	
			02	CLEANING-FEB 2021	** COMMENT **			
					INVOICE TOTAL:		584.00	*
					CHECK TOTAL:		4,750.50	

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534365	EEI ENGINEERING ENTERPRISES, INC.							
	70904	02/25/21	01	TRAFFIC CONTROL SIGNAGE AND	01-640-54-00-5465		805.50	
			02	MARKINGS	** COMMENT **			
					INVOICE TOTAL:		805.50	*
	70905	02/25/21	01	GRANDE RESERVE-AVANTI	01-640-54-00-5465		960.75	
					INVOICE TOTAL:		960.75	*
	70906	02/25/21	01	PRESTWICK	01-640-54-00-5465		153.00	
					INVOICE TOTAL:		153.00	*
	70907	02/25/21	01	METRONET	90-132-00-00-0111		358.50	
					INVOICE TOTAL:		358.50	*
	70908	02/25/21	01	SUB-REGIONAL WATER	51-510-54-00-5465		312.00	
			02	COORDINATION	** COMMENT **			
					INVOICE TOTAL:		312.00	*
	70909	02/25/21	01	MILL ROAD RECONSTRUCTION	23-230-60-00-6012		10,000.00	
					INVOICE TOTAL:		10,000.00	*
	70910	02/25/21	01	STORM WATER BASIN INSPECTIONS	01-640-54-00-5465		1,293.00	
					INVOICE TOTAL:		1,293.00	*
	70911	02/25/21	01	GRANDE RESERVE UNITS 26 & 27	90-147-00-00-0111		262.00	
					INVOICE TOTAL:		262.00	*
	70912	02/25/21	01	MUNICIPAL ENGINEERING SERVICES	01-640-54-00-5465		1,900.00	
					INVOICE TOTAL:		1,900.00	*
	70913	02/25/21	01	KENDALL MARKETPLACE-LOT 52	90-154-00-00-0111		364.75	
					INVOICE TOTAL:		364.75	*
	70914	02/25/21	01	BEAVER ST PUMP STATION	51-510-60-00-6060		771.56	
			02	IMPROVEMENTS	** COMMENT **			
					INVOICE TOTAL:		771.56	*

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534365	EEI	ENGINEERING ENTERPRISES, INC.						
	70915		02/25/21	01	POPEYES-LOT 4 MENARDS	90-156-00-00-0111		361.75
				02	COMMONS	** COMMENT **		
						INVOICE TOTAL:		361.75 *
						CHECK TOTAL:		17,542.81
534366	EEI	ENGINEERING ENTERPRISES, INC.						
	70916		02/25/21	01	APPLETREE CT WATERMAIN	51-510-60-00-6025		15,160.50
				02	REPLACEMENT	** COMMENT **		
						INVOICE TOTAL:		15,160.50 *
						CHECK TOTAL:		15,160.50
534367	EEI	ENGINEERING ENTERPRISES, INC.						
	70917		02/25/21	01	2020 SIDEWALK REPLACEMENT	23-230-60-00-6041		1,506.25
						INVOICE TOTAL:		1,506.25 *
	70918		02/25/21	01	RISK & RESILIENCE ASSESSMENT	51-510-54-00-5465		1,237.50
				02	& EMERGENCY RESPONSE PLAN	** COMMENT **		
						INVOICE TOTAL:		1,237.50 *
	70919		02/25/21	01	2021 ROAD PROGRAM	23-230-60-00-6025		16,529.10
						INVOICE TOTAL:		16,529.10 *
	70920		02/25/21	01	ALTERNATIVE WATER SOURCE	51-510-54-00-5465		520.00
				02	EVALUATION UPDATE	** COMMENT **		
						INVOICE TOTAL:		520.00 *
	70921		02/25/21	01	FY 2022 BUDGET	01-640-54-00-5465		243.00
						INVOICE TOTAL:		243.00 *
	70922		02/25/21	01	GRANDE RESERVE UNITS 15 & 22	01-640-54-00-5465		476.50
						INVOICE TOTAL:		476.50 *
						CHECK TOTAL:		20,512.35

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534368	EEI	ENGINEERING ENTERPRISES, INC.							
	70923		02/25/21	01	FOX HILL ROADWAY IMPROVEMENTS	23-230-54-00-5465		12,553.00	
						INVOICE TOTAL:		12,553.00	*
						CHECK TOTAL:		12,553.00	
534369	EEI	ENGINEERING ENTERPRISES, INC.							
	70924		02/25/21	01	KENDALL MARKETPLACE LOT 52	90-154-00-00-0111		822.25	
				02	PHASE 2 & 3	** COMMENT **			
						INVOICE TOTAL:		822.25	*
	70925		02/25/21	01	CITY OF YORKVILLE	01-640-54-00-5465		1,235.00	
						INVOICE TOTAL:		1,235.00	*
	70926		02/25/21	01	SILVER FOX BAR & GRILL	90-162-00-00-0111		1,019.00	
						INVOICE TOTAL:		1,019.00	*
	70927		02/25/21	01	HEARTLAND CIRCLE-LOT 72,UNIT 1	01-640-54-00-5465		98.50	
						INVOICE TOTAL:		98.50	*
	70928		02/25/21	01	723 KENTSHIRE-DRAINAGE ISSUES	01-640-54-00-5465		810.75	
						INVOICE TOTAL:		810.75	*
	70929		02/25/21	01	GRANDE RESERVE UNIT 23-ENG	01-640-54-00-5465		200.00	
				02	INSPECTIONS	** COMMENT **			
						INVOICE TOTAL:		200.00	*
	70930		02/25/21	01	GRANDE RESERVE UNIT 8-ENG	01-640-54-00-5465		200.00	
				02	INSPECTIONS	** COMMENT **			
						INVOICE TOTAL:		200.00	*
	70931		02/25/21	01	HEARTLAND MEADOWS-ENG	01-640-54-00-5465		200.00	
				02	INSPECTIONS	** COMMENT **			
						INVOICE TOTAL:		200.00	*

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534369	EEI ENGINEERING ENTERPRISES, INC.							
	70932	02/25/21	01	BLACKBERRY WOODS PHASE A-ENG	01-640-54-00-5465		100.00	
			02	INSPECTIONS ** COMMENT **				
					INVOICE TOTAL:		100.00	*
	70933	02/25/21	01	PRESTWICK-ENG INSPECTIONS	01-640-54-00-5465		900.00	
					INVOICE TOTAL:		900.00	*
	70934	02/25/21	01	GRANDE RESERVE UNIT 3-ENG	01-640-54-00-5465		300.00	
			02	INSPECTIONS ** COMMENT **				
					INVOICE TOTAL:		300.00	*
	70935	02/25/21	01	RAINTREE VILLAGE UNIT 5-ENG	01-640-54-00-5465		300.00	
			02	INSPECTIONS ** COMMENT **				
					INVOICE TOTAL:		300.00	*
	70936	02/25/21	01	RAINTREE VILLAGE UNIT 2-ENG	01-640-54-00-5465		100.00	
			02	INSPECTIONS ** COMMENT **				
					INVOICE TOTAL:		100.00	*
	70937	02/25/21	01	RAINTREE VILLAGE UNIT 3-ENG	01-640-54-00-5465		200.00	
			02	INSPECTIONS ** COMMENT **				
					INVOICE TOTAL:		200.00	*
					CHECK TOTAL:		6,485.50	
534370	FARMFLEE BLAIN'S FARM & FLEET							
	3708-N.HERNANDEZ	02/20/21	01	WORK BOOTS	79-790-56-00-5600		184.49	
					INVOICE TOTAL:		184.49	*
	4055-T.SCOTT	02/25/21	01	T-SHIRTS, PANTS	79-790-56-00-5600		92.65	
					INVOICE TOTAL:		92.65	*
					CHECK TOTAL:		277.14	

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534371	GARDKOCH GARDINER KOCH & WEISBERG							
	H-2361C-2633	03/09/21	01	KIMBALL HILL I MATTER	01-640-54-00-5461		2,111.25	
					INVOICE TOTAL:		2,111.25	*
	H-3586C-2634	03/09/21	01	NICHOLSON MATTERS	01-640-54-00-5461		528.00	
					INVOICE TOTAL:		528.00	*
					CHECK TOTAL:		2,639.25	
534372	GLATFELT GLATFELTER UNDERWRITING SRVS.							
	188052121-4	03/01/21	01	LIABILITY INS INSTALLMENT#4	01-000-14-00-1400		10,932.44	
			02	LIABILITY INS INSTALLMENT#4-P	01-000-14-00-1400		2,142.93	
			03	LIABILITY INS INSTALLMENT#4	51-000-14-00-1400		1,210.58	
			04	LIABILITY INS INSTALLMENT#4	52-000-14-00-1400		586.72	
			05	LIABILITY INS INSTALLMENT#4-L	01-000-14-00-1400		1,014.33	
					INVOICE TOTAL:		15,887.00	*
	54273122	01/07/21	01	ADDITION OF 2019 FORD F450 TO	01-640-52-00-5231		496.00	
			02	POLICY	** COMMENT **			
					INVOICE TOTAL:		496.00	*
					CHECK TOTAL:		16,383.00	
D002000	GOLDSMIR RYAN GOLDSMITH							
	031021-TUITION	03/10/21	01	AURORA UNIVERSITY TUITION	01-210-54-00-5410		1,206.00	
			02	REIMBURSEMENT	** COMMENT **			
					INVOICE TOTAL:		1,206.00	*
					DIRECT DEPOSIT TOTAL:		1,206.00	
534373	HARRIS HARRIS COMPUTER SYSTEMS							
	MSIXT0000055	02/26/21	01	MYGOVHUB FEES-FEB 2021	01-120-54-00-5462		85.79	

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534373	HARRIS HARRIS COMPUTER SYSTEMS							
	MSIXT0000055	02/26/21	02	MYGOVHUB FEES-FEB 2021	51-510-54-00-5462		129.47	
			03	MYGOVHUB FEES-FEB 2021	52-520-54-00-5462		37.36	
					INVOICE TOTAL:		252.62	*
					CHECK TOTAL:		252.62	
534374	ILPD4811 ILLINOIS STATE POLICE							
	013121-4811	01/31/21	01	SOLICITOR BACKGROUND CHECKS	01-110-54-00-5462		84.75	
			02	APPLICANT BACKGROUND CHECK	01-120-54-00-5462		28.25	
					INVOICE TOTAL:		113.00	*
					CHECK TOTAL:		113.00	
534375	ILPDSEX ILLINOIS STATE POLICE							
	SOR FUND RYDBERG 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		5.00	
			02	REGISTRATION FUND-RYDBERG 2021	** COMMENT **			
					INVOICE TOTAL:		5.00	*
	SOR FUND TRIPP 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		10.00	
			02	REGISTRATION FUND-TRIPP 2021	** COMMENT **			
					INVOICE TOTAL:		10.00	*
	SOR FUND-ALCALA 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		5.00	
			02	REGISTRATION FUND-ALCALA 2021	** COMMENT **			
					INVOICE TOTAL:		5.00	*
	SOR FUND-BENSON 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		10.00	
			02	REGISTRATION FUND-BENSON 2021	** COMMENT **			
					INVOICE TOTAL:		10.00	*
	SOR FUND-CANTU 2021	03/04/21	01	SEX OFFENDERS REGISTRATION	01-000-24-00-2437		30.00	
			02	FUND-CANTU 2021	** COMMENT **			
					INVOICE TOTAL:		30.00	*

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534375	ILPDSEX ILLINOIS STATE POLICE							
	SOR FUND-KOWSKY 21	03/04/21	01	SEX OFFENDERS REGISTRATION	01-000-24-00-2437		30.00	
			02	FUND-KOWSKY 2021	** COMMENT **			
					INVOICE TOTAL:		30.00	*
	SOR FUND-MOEHLENKAMP	03/04/21	01	SEX OFFENDERS REGISTRATION	01-000-24-00-2437		30.00	
			02	FUND-MOEHLENKAMP 2021	** COMMENT **			
					INVOICE TOTAL:		30.00	*
	SOR FUND-PRYOR 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		5.00	
			02	REGISTRATION FUND-PRYOR 2021	** COMMENT **			
					INVOICE TOTAL:		5.00	*
	SOR FUND-READING-MAT	03/04/21	01	SEX OFFENDERS REGISTRATION	01-000-24-00-2437		30.00	
			02	FUND-READING-MATHENA 2021	** COMMENT **			
					INVOICE TOTAL:		30.00	*
	SOR FUND-RIOS 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		5.00	
			02	REGISTRATION FUND-RIOS 2021	** COMMENT **			
					INVOICE TOTAL:		5.00	*
	SOR FUND-SPENCER 21	03/04/21	01	VIOLENT OFFENDERS	01-000-24-00-2437		10.00	
			02	REGISTRATION FUND-SPENCER 2021	** COMMENT **			
					INVOICE TOTAL:		10.00	*
	SOR FUND-VAUGHN 21	03/04/21	01	SEX OFFENDERS REGISTRATION	01-000-24-00-2437		30.00	
			02	FUND-VAUGHN 2021	** COMMENT **			
					INVOICE TOTAL:		30.00	*
					CHECK TOTAL:			200.00
534376	IMPACT IMPACT NETWORKING, LLC							
	2044550	02/24/21	01	1/29-2/27 COPY CHARGES	01-110-54-00-5430		37.83	
			02	1/29-2/27 COPY CHARGES	01-120-54-00-5430		12.61	

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CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534376	IMPACT IMPACT NETWORKING, LLC							
	2044550	02/24/21	03	1/29-2/27 COPY CHARGES	01-220-54-00-5430		38.22	
			04	1/29-2/27 COPY CHARGES	79-790-54-00-5462		91.35	
			05	1/29-2/27 COPY CHARGES	79-795-54-00-5462		91.35	
			06	1/29-2/27 COPY CHARGES	01-410-54-00-5462		3.89	
			07	1/29-2/27 COPY CHARGES	51-510-54-00-5462		3.89	
			08	1/29-2/27 COPY CHARGES	01-210-54-00-5430		58.50	
			09	1/29-2/27 COPY CHARGES	52-520-54-00-5430		3.89	
						INVOICE TOTAL:	341.53	*
						CHECK TOTAL:	341.53	
534377	IMPERINV IMPERIAL INVESTMENTS							
	JAN 2021-REBATE	03/11/21	01	JAN 2021 BUSINESS DIST REBATE	01-000-24-00-2488		11,736.43	
						INVOICE TOTAL:	11,736.43	*
						CHECK TOTAL:	11,736.43	
534378	INGEMUNS INGEMUNSON LAW OFFICES LTD							
	8576	01/04/21	01	DEC 2020 ADMIN HEARINGS	01-210-54-00-5467		300.00	
						INVOICE TOTAL:	300.00	*
	8758	03/01/21	01	FEB 2021 ADMIN HEARINGS	01-210-54-00-5467		300.00	
						INVOICE TOTAL:	300.00	*
						CHECK TOTAL:	600.00	
534379	INTERDEV INTERDEV, LLC							
	MSP1029218	02/28/21	01	MONTHLY IT BILLING - FEB 2021	01-640-54-00-5450		8,061.08	
						INVOICE TOTAL:	8,061.08	*
						CHECK TOTAL:	8,061.08	

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CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534380	IPWMAN	ILLINOIS PUBLIC WORKS						
	966	11/03/20	01	2021 MEMBERSHIP RENEWAL	51-510-54-00-5460		83.34	
			02	2021 MEMBERSHIP RENEWAL	52-520-54-00-5462		83.33	
			03	2021 MEMBERSHIP RENEWAL	01-410-54-00-5462		83.33	
					INVOICE TOTAL:		250.00	*
					CHECK TOTAL:		250.00	
534381	KENCOM	KENCOM PUBLIC SAFETY DISPATCH						
	252	02/02/21	01	TYLER/NEW WORLD BRAZO	01-640-54-00-5449		26,405.00	
			02	E-CITATION INTERFACE	** COMMENT **			
					INVOICE TOTAL:		26,405.00	*
	347	01/14/21	01	BRAZO E-CITATION INTERFACE	01-640-54-00-5449		21,825.00	
					INVOICE TOTAL:		21,825.00	*
					CHECK TOTAL:		48,230.00	
534382	KENDCROS	KENDALL CROSSING, LLC						
	BD REBATE 01/21	03/11/21	01	JAN 2021 BUSINESS DIST REBATE	01-000-24-00-2487		2,180.62	
					INVOICE TOTAL:		2,180.62	*
					CHECK TOTAL:		2,180.62	
534383	LANEMUCH	LANER, MUCHIN, LTD						
	598506	02/01/21	01	KLINGLE ARBITRATION AND 2020	01-640-54-00-5463		765.00	
			02	GENERAL COUNSELING	** COMMENT **			
					INVOICE TOTAL:		765.00	*
	599894	03/01/21	01	2021 GENERAL COUNSELING	01-640-54-00-5463		270.00	
					INVOICE TOTAL:		270.00	*
					CHECK TOTAL:		1,035.00	

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CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534384	LOCALGOV TIM SCHLONEGER							
	04272021	01/30/21	01	ANNUAL MEMBERSHIP RENEWAL	01-110-54-00-5460		1,200.00	
					INVOICE TOTAL:		1,200.00	*
					CHECK TOTAL:		1,200.00	
534385	MENLAND MENARDS - YORKVILLE							
	7137	02/04/21	01	BRUSH, PAINT	79-790-56-00-5640		40.11	
					INVOICE TOTAL:		40.11	*
	8260	02/18/21	01	LANYARD, KEY RING	52-520-56-00-5620		2.88	
					INVOICE TOTAL:		2.88	*
	8566	02/22/11	01	METAL CUT-OFF, BOARDS	79-790-56-00-5640		77.78	
					INVOICE TOTAL:		77.78	*
	8626	02/23/21	01	CONCRETE MIX	79-790-56-00-5640		26.90	
					INVOICE TOTAL:		26.90	*
	8640	02/23/21	01	PULL BOX	79-790-56-00-5640		16.95	
					INVOICE TOTAL:		16.95	*
	8660-21	02/23/21	01	FLO-THRU BRUSH, PAINT	79-790-56-00-5640		41.37	
					INVOICE TOTAL:		41.37	*
	8704	02/24/21	01	PEA GRAVEL, CHAIN OIL,	79-790-56-00-5640		44.86	
			02	ELECTRICAL TAPE	** COMMENT **			
					INVOICE TOTAL:		44.86	*
	8720	02/24/21	01	WASHERS, SCREWS, COVER TOGGLE	79-790-56-00-5640		26.06	
			02	CONNECTORS	** COMMENT **			
					INVOICE TOTAL:		26.06	*
	8749-21	02/24/21	01	SHOVEL	01-410-56-00-5630		53.98	
					INVOICE TOTAL:		53.98	*
					CHECK TOTAL:		330.89	

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CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534386	MENLAND	MENARDS - YORKVILLE							
	8783		02/25/21	01	CONTRACTOR BAGS	79-790-56-00-5620		1,129.00	
						INVOICE TOTAL:		1,129.00	*
						CHECK TOTAL:		1,129.00	
534387	MENLAND	MENARDS - YORKVILLE							
	8795-21		02/25/21	01	3M TAPE, SCREWS, OUTLET PLATE,	79-790-56-00-5620		10.68	
				02	CABLE TIES	** COMMENT **			
						INVOICE TOTAL:		10.68	*
	8816		02/25/21	01	GRINDING WHEEL, REBAR,	01-410-56-00-5620		124.00	
				02	WELDABLE ANGLE	** COMMENT **			
						INVOICE TOTAL:		124.00	*
	8910		02/26/21	01	CHAIN OIL	79-790-56-00-5640		13.98	
						INVOICE TOTAL:		13.98	*
	9100		03/01/21	01	EYE BOLT, DRILL BIT	79-790-56-00-5640		34.35	
						INVOICE TOTAL:		34.35	*
	9102		03/01/21	01	BATTERIES, ADAPTERS, PVC	51-510-56-00-5638		30.68	
				02	COUP, PVC ADAPTER	** COMMENT **			
						INVOICE TOTAL:		30.68	*
	9104		03/01/21	01	STEEL HANDLE	52-520-56-00-5620		7.94	
						INVOICE TOTAL:		7.94	*
	9129		03/01/21	01	BRAKE CLEANER, METAL CUTTING	79-790-56-00-5630		50.64	
				02	TOOL, DRILL BIT	** COMMENT **			
						INVOICE TOTAL:		50.64	*
	9175		03/02/21	01	PVC	51-510-56-00-5638		7.19	
						INVOICE TOTAL:		7.19	*

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534387	MENLAND	MENARDS - YORKVILLE							
	9273		03/03/21	01	INSERT DRIVE BITS	23-230-56-00-5642		4.94	
						INVOICE TOTAL:		4.94	*
	9321		03/04/21	01	HEAT SHRINK TUBE	23-230-56-00-5642		14.76	
						INVOICE TOTAL:		14.76	*
	9335		03/04/21	01	BATTERIES	52-520-56-00-5620		13.47	
						INVOICE TOTAL:		13.47	*
	9341		03/04/21	01	PIPE WIRE SPLICE KIT	23-230-56-00-5642		7.38	
						INVOICE TOTAL:		7.38	*
	9399		03/05/21	01	CABLE TIES	51-510-56-00-5620		13.09	
						INVOICE TOTAL:		13.09	*
	9409		03/05/21	01	PICK MATTOCK	52-520-56-00-5630		24.99	
						INVOICE TOTAL:		24.99	*
						CHECK TOTAL:		358.09	
534388	MIDAM	MID AMERICAN WATER							
	184831A		02/24/21	01	PIPE, COUPLING	01-410-56-00-5640		1,299.20	
						INVOICE TOTAL:		1,299.20	*
						CHECK TOTAL:		1,299.20	
534389	NEOPOST	QUADIENT FINANCE USA, INC							
	030921		03/09/21	01	REFILL POSTAGE MACHINE	01-000-14-00-1410		500.00	
						INVOICE TOTAL:		500.00	*
						CHECK TOTAL:		500.00	
534390	NICOR	NICOR GAS							

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CHECK #	VENDOR # / INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534390	NICOR NICOR GAS							
	00-41-22-8748 4-0221	03/03/21	01	2/2-3/3 1107 PRAIRIE LN	01-110-54-00-5480		77.88	
					INVOICE TOTAL:		77.88	*
	12-43-53-5625 3-0221	03/04/21	01	2/3-3/4 609 N BRIDGE	01-110-54-00-5480		131.24	
					INVOICE TOTAL:		131.24	*
	15-41-50 1000 6-0221	03/04/21	01	2/2-3/3 804 GAME FARM RD	01-110-54-00-5480		554.55	
					INVOICE TOTAL:		554.55	*
	15-64-61-3532 5-0221	03/03/21	01	2/2-3/3 1991 CANNONBALL TR	01-110-54-00-5480		41.17	
					INVOICE TOTAL:		41.17	*
	20-52-56-2042 1-0221	03/01/21	01	1/29-3/1 420 FAIRHAVEN	01-110-54-00-5480		123.53	
					INVOICE TOTAL:		123.53	*
	23-45-91-4862 5-0221	03/04/21	01	2/3-3/4 101 BRUELL ST	01-110-54-00-5480		126.09	
					INVOICE TOTAL:		126.09	*
	91-858-4012 8-0221	03/04/21	01	2/2-3/3 902 GAME FARM RD	82-820-54-00-5480		1,901.47	
					INVOICE TOTAL:		1,901.47	*
	95-16-10-1000 4-0221	03/04/21	01	2/3-3/4 1 RT47	01-110-54-00-5480		38.64	
					INVOICE TOTAL:		38.64	*
					CHECK TOTAL:			2,994.57
534391	OLEARYC CYNTHIA O'LEARY							
	YORKVILLE REC BASKET	03/06/21	01	ASSIGNER FEE FOR 2020-2021	79-795-54-00-5462		600.00	
			02	YOUTH BASKETBALL	** COMMENT **			
					INVOICE TOTAL:		600.00	*
					CHECK TOTAL:			600.00
D002001	ORRK KATHLEEN FIELD ORR & ASSOC.							

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CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
D002001	ORRK	KATHLEEN FIELD ORR & ASSOC.							
	16470		03/04/21	01	MISC CITY LEGAL MATTERS	01-640-54-00-5456		3,630.00	
				02	DOWNTOWN TIF II MATTERS	89-890-54-00-5466		165.00	
				03	GRANDE RESERVE MATTERS	90-163-00-00-0011		110.00	
				04	MEETINGS	01-640-54-00-5456		1,000.00	
						INVOICE TOTAL:		4,905.00	*
						DIRECT DEPOSIT TOTAL:		4,905.00	
534392	PARADISE	PARADISE CAR WASH							
	224249		03/09/21	01	FEB 2021 CAR WASHES	01-220-54-00-5462		13.00	
						INVOICE TOTAL:		13.00	*
						CHECK TOTAL:		13.00	
534393	PFIZENMB	BEHR PFIZENMAIER							
	030921-TUITION		03/09/21	01	SPRING CLASS TUITION	01-210-54-00-5410		2,412.00	
				02	REIMBURSEMENT	** COMMENT **			
						INVOICE TOTAL:		2,412.00	*
						CHECK TOTAL:		2,412.00	
534394	PLANFILL	PLANO CLEAN FILL							
	790		01/18/21	01	DUMPING OF CCDD MATERIALS	51-510-54-00-5462		100.00	
						INVOICE TOTAL:		100.00	*
						CHECK TOTAL:		100.00	
534395	POMPS	POMPS TIRE SERVICE INC							
	330166311		02/24/21	01	FLAT REPAIR-PUT IN NEW O-RING	01-410-54-00-5490		463.50	
				02	AND VALVE STEM	** COMMENT **			
						INVOICE TOTAL:		463.50	*
						CHECK TOTAL:		463.50	

01-110 ADMINISTRATION	11-111 FOX HILL SSA	25-225 PARKS & REC CAPITAL	82-820 LIBRARY OPERATIONS
01-120 FINANCE	12-112 SUNFLOWER ESTATES	42-420 DEBT SERVICE	84-840 LIBRARY CAPITAL
01-210 POLICE	15-155 MOTOR FUEL TAX(MFT)	51-510 WATER OPERATIONS	87-870 COUNTRYSIDE TIF
01-220 COMMUNITY DEVELOPMENT	23-216 MUNICIPAL BUILDING	52-520 SEWER OPERATIONS	88-880 DOWNTOWN TIF
01-410 STREET OPERATIONS	23-230 CITY-WIDE CAPITAL	72-720 LAND CASH	89-890 DOWNTOWN TIF II
01-540 HEALTH & SANITATION	25-205 POLICE CAPITAL	79-790 PARKS DEPARTMENT	90-XXX DEVELOPER ESCROW
01-640 ADMINISTRATIVE SERVICES	25-215 PUBLIC WORKS CAPITAL	79-795 RECREATION DEPARTMENT	95-XXX ESCROW DEPOSIT

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534396	POSMEDIA	POSTIVE MEDIA SOLUTIONS, INC.					
	20-012	02/11/21	01	2021 YORKVILLE COMMUNITY GUIDE	79-795-54-00-5426		2,000.00
					INVOICE TOTAL:		2,000.00 *
					CHECK TOTAL:		2,000.00
534397	PRINTSRC	LAMBERT PRINT SOURCE, LLC					
	2076	03/09/21	01	LUCKY LEPRECHAUN HUNT SIGNAGE	79-795-56-00-5606		140.00
					INVOICE TOTAL:		140.00 *
					CHECK TOTAL:		140.00
534398	R0002443	THE WILLIAMS GROUP LLC					
	020321-REFUND	02/03/21	01	REFUND PAYMENT FOR UTILITY	01-000-13-00-1371		650.00
			02	BILL FOR ACCT#0105111021-07	** COMMENT **		
					INVOICE TOTAL:		650.00 *
					CHECK TOTAL:		650.00
534399	R0002444	ROBYN & DAVID BROWN					
	MLBX RLCMNT	01/28/21	01	MAILBOX REPLACEMENT	01-410-56-00-5640		43.21
			02	REIMBURSEMENT	** COMMENT **		
					INVOICE TOTAL:		43.21 *
					CHECK TOTAL:		43.21
534400	R0002445	CHRISTOPHER COTTON					
	022521-RFND	02/25/21	01	REFUND OVERPAYMENT ON FINAL	01-000-13-00-1371		306.02
			02	BILL FOR ACCT#0104218400-03	** COMMENT **		
					INVOICE TOTAL:		306.02 *
					CHECK TOTAL:		306.02

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CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534401	R0002446	SAM NEGRON							
	022521-RFND		02/25/21	01	REFUND OVERPAYMENT ON FINAL	01-000-13-00-1371		105.42	
				02	BILL FOR ACCT#0103572240-00	** COMMENT **			
						INVOICE TOTAL:		105.42	*
						CHECK TOTAL:		105.42	
534402	REDWING	RED WING STORE - AURORA							
	20210310039400		03/10/21	01	WORK BOOTS, SHOE HORN-SENG	01-410-56-00-5600		120.98	
						INVOICE TOTAL:		120.98	*
						CHECK TOTAL:		120.98	
534403	SAFESUPP	EMERGENT SAFETY SUPPLY							
	1902723721		03/04/21	01	CASE OF GLOVES	52-520-56-00-5620		272.13	
						INVOICE TOTAL:		272.13	*
						CHECK TOTAL:		272.13	
534404	SHI	SHI INTERNATIONAL CORP							
	B12245219		09/04/20	01	ACROBAT PRO LICENSES,	01-640-54-00-5450		4,667.00	
				02	INDESIGN FOR TEAMS	** COMMENT **			
						INVOICE TOTAL:		4,667.00	*
	B12425953		10/12/20	01	2 MONITORS-SIMMONS, 1 MONITOR-	01-640-54-00-5450		438.00	
				02	DECKER	** COMMENT **			
						INVOICE TOTAL:		438.00	*
	B12449317		10/16/20	01	MOUSE	01-640-54-00-5450		21.75	
						INVOICE TOTAL:		21.75	*
						CHECK TOTAL:		5,126.75	

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CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534405	SIGURA	INNOVATIVE WATER CARE LLC							
	94753561		05/01/20	01	SUNFLOWER ESTATES WATER	12-112-54-00-5416		2,450.00	
				02	MAINTENANCE FOR 2020 SEASON	** COMMENT **			
						INVOICE TOTAL:		2,450.00	*
						CHECK TOTAL:		2,450.00	
534406	SIKICH	SIKICH							
	490391		03/04/21	01	SERVICES RENDERED THROUGH	01-120-54-00-5462		2,616.40	
				02	2/28/21 IN CONNECTION WITH	** COMMENT **			
				03	JUNE -SEPTEMBER BANK	** COMMENT **			
				04	RECONCILLIATIONS	** COMMENT **			
						INVOICE TOTAL:		2,616.40	*
						CHECK TOTAL:		2,616.40	
534407	SUPERIOR	SUPERIOR ASPHALT MATERIALS LLC							
	20210052		03/02/21	01	ASPHALT	23-230-56-00-5632		1,330.00	
						INVOICE TOTAL:		1,330.00	*
						CHECK TOTAL:		1,330.00	
534408	TREASURE	TREASURER STATE OF ILLINOIS							
	FUND 527-CANTU 21		03/04/21	01	SEX OFFENDERS MANAGEMENT	01-000-24-00-2437		5.00	
				02	BOARD FUND-CANTU 2021	** COMMENT **			
						INVOICE TOTAL:		5.00	*
	FUND 527-KOWSKY 21		03/04/21	01	SEX OFFENDERS MANAGEMENT	01-000-24-00-2437		5.00	
				02	BOARD FUND-KOWSKY 2021	** COMMENT **			
						INVOICE TOTAL:		5.00	*
	FUND 527-MOEHLENKAMP		03/04/21	01	SEX OFFENDERS MANAGEMENT	01-000-24-00-2437		5.00	

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CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534408	TREASURE	TREASURER STATE OF ILLINOIS							
	FUND 527-MOEHLENKAMP		03/04/21	02	BOARD FUND-MOEHLENKAMP 2021	** COMMENT **			
						INVOICE TOTAL:		5.00	*
	FUND 527-READING-MAT		03/04/21	01	SEX OFFENDERS MANAGEMENT	01-000-24-00-2437		5.00	
				02	BOARD FUND-READING-MATHENA	** COMMENT **			
				03	2021	** COMMENT **			
						INVOICE TOTAL:		5.00	*
	FUND 527-VAUGHN 21		03/04/21	01	SEX OFFENDERS MANAGEMENT	01-000-24-00-2437		5.00	
				02	BOARD FUND-VAUGHN 2021	** COMMENT **			
						INVOICE TOTAL:		5.00	*
						CHECK TOTAL:		25.00	
534409	UMBRELLA	UMBRELLA TECHNOLOGIES							
	DEPOSIT		03/10/21	01	DEPOSIT FOR UPDATING KEYLESS	82-820-54-00-5462		2,950.00	
				02	ACCESS ENTRY SYSTEM AT LIBRARY	** COMMENT **			
						INVOICE TOTAL:		2,950.00	*
						CHECK TOTAL:		2,950.00	
534410	VESCO	VESCO							
	R91999		02/24/21	01	LAMINATING	52-520-54-00-5462		108.00	
						INVOICE TOTAL:		108.00	*
						CHECK TOTAL:		108.00	
534411	VITOSH	CHRISTINE M. VITOSH							
	CMV 2011		02/22/21	01	FEB 2021 ADMIN HEARINGS	01-210-54-00-5467		400.00	
						INVOICE TOTAL:		400.00	*
						CHECK TOTAL:		400.00	

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534412	WATERSYS	WATER SOLUTIONS UNLIMITED, INC							
	41219		03/04/21	01	CHLORINE	51-510-56-00-5638		924.00	
						INVOICE TOTAL:		924.00	*
						CHECK TOTAL:		924.00	
534413	WELDSTAR	WELDSTAR							
	01937733		02/24/21	01	CYLINDER RENTAL	01-410-54-00-5485		35.96	
						INVOICE TOTAL:		35.96	*
						CHECK TOTAL:		35.96	
534414	WTRPRD	WATER PRODUCTS, INC.							
	0301242		03/02/21	01	COUPLING	51-510-56-00-5640		95.59	
						INVOICE TOTAL:		95.59	*
						CHECK TOTAL:		95.59	
D002002	YBSD	YORKVILLE BRISTOL							
	2021.002		03/04/21	01	MAR 2021 LANDFILL EXPENSE	51-510-54-00-5445		15,489.70	
						INVOICE TOTAL:		15,489.70	*
	21-FEB		03/12/21	01	FEB 2021 SANITARY FEES	95-000-24-00-2450		312,055.03	
						INVOICE TOTAL:		312,055.03	*
	feb-21		03/05/21	01	FEB 2021 PERMIT FEES	95-000-24-00-2454		8,400.00	
						INVOICE TOTAL:		8,400.00	*
						DIRECT DEPOSIT TOTAL:		335,944.73	
534415	YORKACE	YORKVILLE ACE & RADIO SHACK							
	172652		01/13/21	01	SCREWS	79-790-56-00-5620		0.48	
						INVOICE TOTAL:		0.48	*
						CHECK TOTAL:		0.48	

UNITED CITY OF YORKVILLE
CHECK REGISTER

INVOICES DUE ON/BEFORE 03/23/2021

CHECK #	VENDOR # / INVOICE #		INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	PROJECT CODE	ITEM AMT	
534416	YORKPDPC	YORKVILLE POLICE DEPT.							
	030321		03/03/21	01	MEAL PER DIEM FOR	01-210-54-00-5415		80.00	
				02	BLOOMINDALE TRAINING-SOEBBING	** COMMENT **			
				03	NOTARY CERTFICATE-HUNTER &	01-210-54-00-5462		10.00	
				04	HAYES	** COMMENT **			
				05	NOTARY CERTFICATE-KETCHMARK &	01-210-54-00-5462		10.00	
				06	MCMAHON	** COMMENT **			
				07	NOTARY CERTIFICATE-PFIZENMAIER	01-210-54-00-5462		5.00	
						INVOICE TOTAL:		105.00	*
						CHECK TOTAL:		105.00	
534417	YOUNGM	MARLYS J. YOUNG							
	021721		03/03/21	01	2/17/21 ADMIN MEETING MINUTES	01-110-54-00-5462		44.25	
						INVOICE TOTAL:		44.25	*
	030221		03/06/21	01	03/02/21 EDC MEETING MINUTES	01-110-54-00-5462		44.80	
						INVOICE TOTAL:		44.80	*
						CHECK TOTAL:		89.05	

TOTAL CHECKS PAID:	255,766.08
TOTAL DIRECT DEPOSITS PAID:	342,884.73
TOTAL AMOUNT PAID:	598,650.81

01-110 ADMINISTRATION	11-111 FOX HILL SSA	25-225 PARKS & REC CAPITAL	82-820 LIBRARY OPERATIONS
01-120 FINANCE	12-112 SUNFLOWER ESTATES	42-420 DEBT SERVICE	84-840 LIBRARY CAPITAL
01-210 POLICE	15-155 MOTOR FUEL TAX(MFT)	51-510 WATER OPERATIONS	87-870 COUNTRYSIDE TIF
01-220 COMMUNITY DEVELOPMENT	23-216 MUNICIPAL BUILDING	52-520 SEWER OPERATIONS	88-880 DOWNTOWN TIF
01-410 STREET OPERATIONS	23-230 CITY-WIDE CAPITAL	72-720 LAND CASH	89-890 DOWNTOWN TIF II
01-540 HEALTH & SANITATION	25-205 POLICE CAPITAL	79-790 PARKS DEPARTMENT	90-XXX DEVELOPER ESCROW
01-640 ADMINISTRATIVE SERVICES	25-215 PUBLIC WORKS CAPITAL	79-795 RECREATION DEPARTMENT	95-XXX ESCROW DEPOSIT

UNITED CITY OF YORKVILLE
PAYROLL SUMMARY
March 19, 2021

	REGULAR	OVERTIME	TOTAL	IMRF	FICA	TOTALS
MAYOR & LIQ. COM.	$ 908.34	$ -	$ 908.34	$ -	$ 69.49	$ 977.83
ALDERMAN	4,000.00	-	4,000.00	-	306.00	4,306.00
ADMINISTRATION	21,245.56	-	21,245.56	2,360.38	1,572.06	25,178.00
FINANCE	9,405.75	-	9,405.75	1,044.98	705.97	11,156.70
POLICE	116,468.86	2,645.41	119,114.27	719.52	8,817.78	128,651.57
COMMUNITY DEV.	19,814.10	-	19,814.10	2,201.35	1,455.38	23,470.83
STREETS	17,236.41	-	17,236.41	1,914.96	1,260.68	20,412.05
WATER	17,637.65	213.49	17,851.14	1,983.27	1,307.02	21,141.43
SEWER	10,842.37	-	10,842.37	1,204.59	793.76	12,840.72
PARKS	23,265.21	-	23,265.21	2,584.76	1,713.55	27,563.52
RECREATION	15,993.02	-	15,993.02	1,555.47	1,183.70	18,732.19
LIBRARY	15,507.39	-	15,507.39	991.43	1,148.72	17,647.54
TOTALS	$ 272,324.66	$ 2,858.90	$ 275,183.56	$ 16,560.71	$ 20,334.11	$ 312,078.38

TOTAL PAYROLL **$ 312,078.38**

UNITED CITY OF YORKVILLE

BILL LIST SUMMARY

Tuesday, March 23, 2021

ACCOUNTS PAYABLE	**DATE**		
Clerk's Check #131184- Kendall County Recorder *(Page 1)*	03/10/2021	$	469.00
Manual City Check Register *(Page 2)*	03/16/2021		5,747.50
City Check Register *(Pages 3 - 30)*	03/23/2021		598,650.81
SUB-TOTAL:			**$604,867.31**
PAYROLL			
Bi - Weekly *(Page 31)*	03/19/2021	$	312,078.38
SUB-TOTAL:		**$**	**312,078.38**
TOTAL DISBURSEMENTS:		**$**	**916,945.69**

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	☐
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Mayor's Report #1

Tracking Number

CC 2021-12

Agenda Item Summary Memo

Title: Proclamation for National Library Week

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: None

Council Action Requested:

Submitted by: Mayor John Purcell
Name Department

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

UNITED CITY OF YORKVILLE

Proclamation

WHEREAS, libraries of all types are at the heart of their cities, towns, schools, and campuses, serving their communities;

WHEREAS, libraries are accessible and inclusive places that foster a sense of belonging and community;

WHEREAS, today's libraries and their services extend far beyond the four walls of a building and everyone is welcome to use their resources;

WHEREAS, for people lacking broadband at home, libraries provide access to computers, wi-fi, and printers;

WHEREAS, libraries strive to develop and maintain programs and collections that are as diverse as the populations they serve and ensure equity of access for all;

WHEREAS, libraries offer opportunities for everyone to explore new worlds and become their best selves through access to technology, multimedia content, and educational programs;

WHEREAS, to adapt to our changing world, libraries are expanding their resources and continuing to meet the needs of their patrons;

WHEREAS, libraries are cornerstones of democracy, promoting the free exchange of information and ideas for all;

WHEREAS, libraries have long served as trusted and treasured institutions for all members of the community regardless of race, ethnicity, creed, ability, sexual orientation, gender identity, or socio-economic status;

WHEREAS, libraries, librarians, and library workers are joining library supporters and advocates across the nation to celebrate National Library Week;

NOW, THEREFORE, I, John Purcell, Mayor of the United City of Yorkville, proclaim April 4 through 10 as National Library Week. During this week, I encourage all residents to visit their library in person & online to access resources and services. Because of you, Libraries Transform lives and communities.

Dated this 23rd day of March, 2021.

_____

John Purcell, Mayor

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	■

Agenda Item Number

Mayor's Report #2

Tracking Number

CC 2021-13

Agenda Item Summary Memo

Title: Fireworks Display Contract

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Tim Evans (Name) Parks and Recreation (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Yorkville City Council
From: Tim Evans, Director of Parks and Recreation
CC: Bart Olson, City Administrator
Date: March 15, 2021
Subject: Annual Fireworks Display Contract Approval

Summary

Review of the City's Yearly Fireworks Request for Proposals.

Background

Approximately 8 years ago, staff members of the City's Parks & Recreation Department began volunteering with the Yorkville Area 4th of July Celebration committee in organizing the annual Yorkville Area 4th of July event and fireworks show. The City graciously offered to continue with police assistance, loan equipment (such as barricades, cones, utility vehicles, port-a-lets etc.) as well as created a "City 4th of July" account to collect revenues and pay expenses.

Since City staff started volunteering with the Yorkville Area 4th of July Celebration, the City decided to add two additional fireworks shows, Holiday & St. Patrick's Celebrations, for residents to enjoy. As part of the 2021 City fireworks shows, staff will need to sign a fireworks contract that will exceed $25,000.

To receive the best purchase prices, Parks & Recreation staff and the City's Purchasing Manager, Carri Parker, created the attached 2021 fireworks Request for Proposal (RFP). Proposals were accepted between Thursday, February 25, 2021 and 10:00am on Tuesday, March 9, 2021

One fireworks manufacturer submitted a proposal, Mad Bomber Fireworks Productions, who the City and the 4th of July Committee has contracted with for many years. The proposal is attached with the following fireworks show amounts:

Event	**Cost**
4th of July	$20,000
Holiday Celebration	$ 7,400
St. Patrick's Celebration	$ 7,400
Total Amount:	**$34,800**

This is a one-year contract with the option for two one-year renewals. As part of the budget process, staff will bring the contract to the Council for the one-year renewal in 2022.

Recommendation

Staff seeks City Council approval of the attached Mad Bomber Fireworks Productions contract proposal in the amount of $34,800 for the three City's fireworks shows in 2021.

Resolution No. 2021-_____

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AUTHORIZING A ONE-YEAR CONTRACT FOR FIREWORKS DISPLAY SERVICES THROUGH MAD BOMBER FIREWORKS PRODUCTIONS, LAPORTE, INDIANA IN THE AMOUNT OF $34,800.

WHEREAS, the United City of Yorkville, Kendall County, Illinois (the "*City*") is a duly organized and validly existing municipality of the State of Illinois pursuant to the 1970 Illinois Constitution and the Illinois Municipal Code, as from time to time amended (the "*Municipal Code*") (65 ILCS 5/65-1-1-2, *et* seq.); and,

WHEREAS, the city solicited bids for fireworks display services in accordance with the competitive purchasing process as required by City Code and the Illinois Procurement Code (30 ILCS 500 et.seq.); and

WHEREAS, it is in the best interest of the City to authorize a contract for the provide fireworks display services through Mad Bomber Fireworks Productions, Laporte, Indiana, substantially in the form attached hereto marked as "Exhibit A".

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1. That the City is hereby committed to meet all of the requirements as set forth in "Exhibit A".

Section 2. That the Mayor and City Clerk are hereby authorized and directed to execute the contract, Resolution of Authorization and to undertake any and all actions as may be required to implement the terms of the contract.

Section 3. That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

Attest:

_____

CITY CLERK

EXHIBIT A - MAD BOMBER CONTRACT

REQUEST FOR PROPOSALS

Request:	Proposals for Fireworks Display Services
Project Number:	21-1000-001
Issue Date:	February 25, 2021
Last Date for Questions:	Wednesday, March 3, 2021, 9:00 AM
Addendum Posted:	Friday, March 5, 2021, 12:00 PM
Proposals Due:	Tuesday, March 9, 2021, 10:00 AM

Proposal Submission Link: www.demandstar.com

All questions concerning this solicitation shall be submitted via e-mail to Purchasing Manager before the date stated above. A written response in the form of a public addendum will be published on the Village's bidding portal by the said date above.

Contact with anyone other than the Purchasing Manager for matters relative to this solicitation during the solicitation process is prohibited.

Contact for this proposal:
Carri Parker, Purchasing Manager in writing at cparker@oswegoil.org

LEGAL NOTICE
REQUEST FOR PROPOSAL FOR FIREWORKS DISPLAY SERVICES

The Village of Oswego and the United City of Yorkville will be accepting proposals for Fireworks Display Services until **Tuesday, March 9, 2021, at 10:00 AM local time**.

Project Title: Fireworks Display Services
Proposal No. 21-1000-001

Proposals must be submitted electronically. All necessary documents are available through the Village's bid portal www.demandstar.com. Downloading documents and submitting Bids requires registration with "DemandStar." If you are not already a member, you can obtain a FREE AGENCY SUBSCRIPTION to the Village of Oswego account by going to www.demandstar.com/register.rsp. Instructions for DemandStar can be found on the Village's website www.oswegoil.org. Hard copy, emailed or faxed proposals will not be accepted.

Infrequent or first-time users of electronic bidding are recommended to load their proposals 24 hrs. prior to due date. All technical questions regarding the use of DemandStar, must be emailed at least 48 hours before the due date to cparker@oswegoil.org. All answers will be provided within 24 hours regarding technical issues within DemandStar.

Questions regarding this legal notice or the proposal package must be in writing and emailed directly to cparker@oswegoil.org until Wednesday, March 3, 2021, at 9:00 AM local time. Responses will be posted in DemandStar by Friday, March 5, 2021, at 12:00 PM local time.

The Display Operator shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State, and Village/City which may in any manner affect the preparation of the proposal or the performance of the contract.

Carri Parker
Purchasing Manager

SHOW DESIGN

The Village of Oswego and United City of Yorkville (hereafter known as the “Client”) are soliciting proposals from qualified and licensed Fireworks Display Vendors (hereafter known as the “Display Operator”) for public events throughout the year. The Display Operator shall provide all labor, material, and equipment for the presentation of an innovative and attractive aerial pyrotechnic display visible to an audience viewing from any area vantage points not immediately adjacent to the discharge site. Vendors are permitted to use their expertise to vary in the specifics of the materials to achieve an attractive and well-organized display.

The general quantity and sizes of shells may not be significantly altered. To achieve this objective, the Display Operator is urged to include as many high bursting pieces as possible, allowing for appropriate layering and balance of the overall program with no perceptible breaks or gaps in the display. The program shall not include fixed ground displays. The display shall include a distinct opening and an even more distinct finale. Shell size shall be limited to maximum allowable diameter according to the safety zone of each site. The Display Operator shall submit the number and size shells to be used at each site. Vendors must also include the type and design of all shells and cakes for each site for a continuously fired show. It is required that the Display Operator visit the site to appropriately design the displays with shell sizes according to the safety zone of the site and to meet with the applicable municipal team for a site visit in advance of the display. The attached Exhibit A list of shells shall serve as the basis for this project.

1. DEFINITIONS

The words and phrases set forth below in bold print are defined as follows:

Firework Display: An entertainment feature at which the public or a private group is admitted or permitted to view the display or discharge of fireworks.

Set-Up of Display: The installation of all equipment and the loading of the fireworks on the equipment, which are to be used by the Display Operator in the performance of the Fireworks Display under this Contract.

Tear-Down of Display: The removal of all equipment utilized by the Display Operator in the performance of the Fireworks Display, and the search of the Fallout Area and removal therefrom of fireworks which failed to explode.

Clean-Up of Display: The removal of large pieces of paper, cardboard, debris, and other fireworks refuse from the Discharge Site and the Fallout Area. This does NOT include any areas that were open, accessible, or occupied by the public and/or spectators.

Fireworks Display Site: The area that includes the "Discharge Site", the "Fallout Area" and the "Separation Area" as those terms are defined below. The Fireworks Display Site

shall be a secure area. No persons other than the Display Operator's personnel and security officials will be allowed inside the Fireworks Display Site at any time. It is understood that there is a danger of damage and harm to any persons, property, or landscaping located within the Fireworks Display Site.

Discharge Site: The area immediately surrounding the fireworks mortars, multi-shot cakes, or other equipment and items to be used in the Fireworks Display.

Fallout Area: The designated area in which debris is intended to fall after fireworks devices are fired.

Separation Area: The area between the Discharge Site and the area(s) from which spectators observe the Fireworks Display.

Rain Date: An agreed upon alternate date for the presentation of the Fireworks Display when unsafe weather conditions, as determined by the Display Operator, Vendor, Fire Dept. Rep. or Police Dept. Rep, require the postponement of such Fireworks Display.

2. EVENT INFORMATION (Dates/Times/Locations may change)

Oswego

- Fourth of July, 7/4, 20-minute intense fireworks display

Yorkville

- Fourth of July, 7/4, 25-minute intense fireworks display
- Holiday Celebration, Saturday before Thanksgiving, 15-minute intense fireworks display
- St. Patrick's Day Celebration, on/around 3/17, 15-minute intense fireworks display

3. DISPLAY OPERATOR QUALIFICATIONS

- The Display Operator must have at least five (5) years' experience in providing fireworks and pyrotechnic displays.

- Display Operator must include a copy of current Department of Transportation Research and Special Programs Administration (RSPA) hazardous material certificate of registration.

- Display Operator must include a copy of current Office of the Illinois State Fire Marshal (OSFM) pyrotechnic license and distributor license.

- Display Operator must include a copy of current Bureau of Alcohol, Tobacco and Firearms (BATF) Federal license or Letter of Authorization.

4. DISPLAY OPERATOR RESPONSIBILITIES

- To design and produce Fireworks Display choreography.

- The Display Operator shall be responsible for all loading, unloading, setting up, breaking down, etc. of all equipment used for the display.

- The Display Operator shall provide a performance bond in the amount of the contract price.

- The Display Operator shall be responsible for providing all safety equipment, tools, and materials involved in the execution of the fireworks display, including but not limited to mortar racks, containers, sand, lumber, stakes, etc. Consequently, any damage or injuries incurred during the execution of the display will be 100% the liability of the vendor.

- The Display Operator shall be responsible for providing approved, operational fire extinguishers of the appropriate classification and they shall be accessible and in plain view from the time the fireworks arrive on site until all fireworks are completely removed from the site.

- To determine that there is adequate darkness, the Fireworks Display Site is secure, and the conditions are safe to proceed Vendor must give the Display Operator a verbal “go ahead” to proceed before the display(s) may commence. It is agreed that, should unsafe conditions arise during the performance of the Fireworks Display, the Display Operator may halt the display. The Display Operator may resume the Fireworks Display if/when Display Operator determines safe conditions are restored.

- The Display Operator shall be responsible for the removal of all materials and shall complete a walk of the entire fallout zone of the site at the conclusion of the display to ensure that all debris and unexploded shells are removed and/or properly handled. Display Operator must be available to return the following morning in the case that any fireworks are found in the daylight that hadn’t been detonated, so that it can be disposed of properly.

- The Display Operator shall be responsible for thoroughly cleaning a 450-foot radius of the launch area immediately upon completion of the show. Additionally, the Display Operator is responsible for filling of any holes or other damage caused as a result of the display. A second search of the area shall be completed in daybreak of the morning following the event.

- The transportation and storage of fireworks shall be in compliance with the regulations of the U.S. Department of Transportation, 41CFR170-189 and 390-

399, and all state and local motor vehicle laws applicable to the area through which all fireworks are transported.

- All firework materials shall be packaged and shipped in compliance with all applicable laws and ordinances (Federal, State and Local) for delivery and storage of fireworks and explosives. Packaging to be in sealed weather protected, heavy duty containers to prevent deterioration due to moisture and/or other contamination.

- The Display Operator shall at all times during the preparation of the display, during the actual display and immediately after the display, maintain a safe and clean operating environment.

- All pyrotechnic materials shall be top grade 1.3 display fireworks and have been factory tested by the manufacturer to assure their individual quality, performance and safety. See Exhibit B for approved list.

- The display shall be conducted in accordance with the National Fire Protection Association (NFPA) Standard 1123 for the outdoor display of fireworks.

- Motors shall be installed in motor racks properly anchored to the ground and shall be the proper diameter for the shells in accordance with NFPA 1123.

- No aerial display shall be fired when winds exceed 20 MPH or when other conditions exist which are deemed unsafe by the Lead Pyrotechnician, Fire Representative, Police Representative, or the Client.

- All fireworks shall be electronically fired. There shall be no exceptions or substitutions.

- The Display Operator shall coordinate with the Fire Chief, or his designee, for a continuity check upon completion of setup.

- Only essential personnel shall be permitted within the safe zone during the show.

5. CLIENT'S RESPONSIBILITIES:

- To provide sufficient area for the display, including a minimum spectator set back of 300 feet at all points from the discharge area by roping off or other suitable means agreed upon by both the Display Operator and Client.

- To control traffic on the streets in the immediate area of the shoot site and provide a representative from the Client as a contact in the event pedestrians need removal from the roped off area of the shoot site.

- To responsibly dispose of the trash collected in the Clean-Up of the Fireworks Display Site.

6. RAIN DATE

In the event it is determined that weather conditions or force majeure require the postponement of the Fireworks Display, the Rain Date will be scheduled at a mutually agreed upon date, time and location in the future. If it is determined that weather conditions or force majeure on the Rain Date are such as to require a further delay, the parties will agree upon a secondary Rain Date at a mutual date, time, and location in the future. Client will not be responsible for any out-of-pocket expenses incurred as a result of the postponement of the Fireworks Display.

7. CONTRACT TERM

The term of this contract is for one year with two one-year renewals at the discretion of the corporate authorities for each municipality.

8. TERMINATION

This Agreement may be terminated by either Party for any reason by giving, at least, thirty (30) days prior written notice of such termination to the other Party.

Each municipality reserves the right to terminate the whole or any part of the display(s), upon written notice to the Vendor, in the event that sufficient funds are not appropriated by the corporate authorities.

GENERAL CONDITIONS

1. SUBMISSION REQUIREMENTS

A complete, concise and professional response to this RFP will enable the Client, to identify the Display Operator who will provide the highest benefit to the Client will be indicative of the level of the Vendor's experience and commitment to the proposed project.

The following minimum information should be provided in each proposal and will be utilized in evaluation of each proposal submitted. Proposals should include the following items:

- Vendor's statement of qualifications
- At least three references from public entities, with a contact person, address and telephone number for whom a similar service has been provided within the past 18 months.
- Some form of a diagram, video, etc. to clearly lay forth the choreography of past shows and possible ideas/examples for our event.
- Descriptions of the Vendor's / team's last three completed projects that demonstrate the Vendor's experience in working with municipalities and/or other public agencies.

The Client will not be liable for any expenses incurred by Vendors responding to this solicitation. All material submitted will be kept by the Client.

2. PROPOSAL SUBMITTION INSTRUCTIONS

Proposals must be submitted electronically. All necessary documents are available through the Client's bid portal www.demandstar.com. Downloading documents and submitting Bids requires registration with "DemandStar." If you are not already a member, you can obtain a FREE AGENCY SUBSCRIPTION to the Village of Oswego account by going to www.demandstar.com/register.rsp. Instructions for DemandStar can be found on the Client's website www.oswegoil.org. Hard copy, emailed or faxed proposals will not be accepted.

Infrequent or first-time users of electronic bidding are recommended to load their proposals 24 hrs. prior to due date. All technical questions regarding the use of DemandStar, must be emailed at least 48 hours before the due date to cparker@oswegoil.org. All answers will be provided within 24 hours regarding technical issues within DemandStar.

3. ADDITIONAL INFORMATION REQUEST

Questions regarding this Proposal and specific questions regarding the specifications in this Proposal can be emailed to Carri Parker, Purchasing Manager, at cparker@oswegoil.org. Answers will be provided in writing to all potential Vendors; No oral comments will be made to any Display Operator as to the meaning of the Proposal and Specifications or other proposal documents. Vendors will not be relieved of obligations due to failure to examine or receive documents, visit the site or become familiar with conditions or facts of which the Display Operator should have been aware of, and the Client will reject all claims related thereto.

Information (other than in the form of a written Addendum issued by the Client) from any officer, agent, or employee of the Client or any other person shall not affect the risks or obligations assumed by the Display Operator or relieve him from fulfilling any of the conditions and obligations set forth in the Proposal and other proposal documents.

4. STANDARD TERMS AND CONDITIONS

The Client has the sole authority to select a Display Operator for this project and reserves the right to reject any and all proposals and to waive any informality or minor defects in proposals received.

The Client reserves the right to retain all proposals submitted and to use any ideas in a proposal, regardless of whether that proposal is selected. Submission of a proposal indicates acceptance by the proposing Display Operator of the conditions contained in this Request for Proposals, unless clearly and specifically noted.

The Client will not pay for any information requested, nor is it liable for any costs incurred by the Vendors in preparing and submitting proposals.

5. INSURANCE

To produce to Client a valid insurance certificate, procuring liability insurance coverage in the amount of Ten Million Dollars ($10,000,000.00). The insurance certificate shall list Client as an additional named insured. If the property at which the Fireworks Display is to be performed is not owned by Client, the owner of such property shall be listed as an additional named insured. The liability insurance coverage provided by this insurance shall be limited to liability caused by the Display Operator that is directly related to the services and responsibilities to be undertaken by Display Operator.

6. INDEMNIFICATION, DEFEND AND HOLD-HARMLESS

To the fullest extent permitted by Illinois law, Display Operator hereby agrees to defend, indemnify and hold harmless the Client from and against claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the services under the Agreement, provided that such claim, damage, loss, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, but only to the extent caused by the negligent acts or omissions of Display Operator, anyone directly or indirectly employed by Display Operator, or anyone for whose acts Display Operator may be liable, regardless of whether or not such claim, damage, loss, or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Section.

7. FORCE MAJEURE

Neither party shall be liable for any delays or inability to perform if such delay is due to a cause beyond its control and without its fault or negligence including, without limitation: a) Acts of nature; b) Acts or failure to act on the part of any governmental authority other than the Client, including, but not limited to, enactment of laws, rules, regulations, codes or ordinances subsequent to the date of this Agreement; c) Acts or war; d) Acts of civil or military authority; e) Embargoes; f) Work stoppages, strikes, lockouts, or labor disputes; g) Public disorders, civil violence, or disobedience; h) Riots, blockades, sabotage, insurrection, or rebellion; i) Epidemics or pandemics; j) Terrorist acts; k) Fires or explosions; l) Nuclear accidents; m) Earthquakes, floods, hurricanes, tornadoes, or other similar calamities; n) Major environmental disturbances; or o) Vandalism. If a delay is caused by any of the force majeure circumstances set forth above, the time period shall be extended for only the actual amount of time the said party is so delayed. Further, either party claiming a delay due to an event of force majeure shall give the other party written notice of such event within three (3) business days of its occurrence, or it shall be deemed to be waived. Any deposit payment made by Client in excess of the above cancellation fees will be refunded to Client.

8. GOVERNING LAW AND VENUE

Any lawsuit instituted concerning this Agreement shall be brought in the Circuit for the 23rd Judicial Circuit, Kendall County, Illinois.

9. COMPLIANCE WITH ALL LAWS

The display must be executed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations.

10. PUBLIC RECORD

Proposals received will become the property of the Client. All proposals, evaluation documents, and any subsequent contracts will be subject to public disclosure per the Illinois Freedom of Information Act (5 ILCS 160). All documents related to this solicitation will become public records once discussions and negotiations with proposers have been fully completed and an award has been announced.

Appropriately identified trade secrets will be kept confidential to the extent permitted by law. Any proposal section alleged to contain proprietary information will be identified by the proposer in boldface text at the top and bottom as “PROPRIETARY.” Designating the entire proposal as proprietary is not acceptable and will not be honored. Submission of a proposal will constitute an agreement to this provision for public records. Pricing information is not considered proprietary information.

11. EQUAL OPPORTUNITY

The Display Operator will not discriminate against any employee or applicant for employment because of race, color, religion, sex, ancestry, national origin, place of birth, age or handicap unrelated to bona fide occupational qualifications.

12. NON-DISCRIMINATION

The Vendor, its employees, agree not to commit unlawful discrimination and agrees to comply with applicable provisions of the Illinois Human Rights Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each.

PROPOSAL COST SHEET

The undersigned, having examined the specifications, and all conditions affecting the specified project, offer to furnish all services, labor, and incidentals specified for the price below.

I (We) propose to complete the following project as more fully described in the specifications for the following:

EVENT	TOTAL
Oswego	
Fourth of July, 7/4, 20-minute intense fireworks display	$ $18,500.00
Yorkville	
Fourth of July, 7/4, 25-minute intense fireworks display	$ $20,000.00
Holiday Celebration, Saturday before Thanksgiving, 15-minute intense fireworks display	$ $7,400.00
St. Patrick's Day Celebration, on/around 3/17, 15-minute intense fireworks display	$ $7,400.00

Additional non-holiday related intense fireworks display:

20-minute $ $12,500.00

15-minute $ $7,400.00

All displays are custom designed for every show. This price reflects a base traditional display cost for display not on the 4th of July. Price may change for more specialized and exciting displays.

Mad Bomber Fireworks Productions

Business Name

Randall McCasland — March 5, 2021

Signature of Authorized Representative — *Date*

EXHIBIT A – AUTHORIZED SHELLS

Opening Section			
Quantity	**Size**	**Product**	**Section**
960	Cake (1.5")	Floral Bouquet Break Shells	Opening
250	Cake (1.5")	Thundering Kingdom Burst Shells	Opening
300	Cake (1.5")	Star Spangled Banner Salutes	Opening
60	2.5	Red White Blue Peonies	Opening
12	3	Color Changing Chrysanthemums	Opening
12	3	Titanium Flash Bomb Salutes	Opening
12	3	Silver Coconut Palm Trees w/tails	Opening
12	4	Purple to Emerald Peony shells	Opening
6	4	Brocade Crown Chrysanthemums	Opening
4	5	Gold Shimmering Chrysanthemums	Opening
3	5	Majestic Crown Chandelier shells	Opening
Main Body			
Quantity	**Size**	**Product**	**Section**
2	2.5	Blackhead Salute	Main Body
2	2.5	Color & Salute	Main Body
2	2.5	Purple Peony w/Silver tail	Main Body
2	2.5	White to Blue Peony w/tail	Main Body
2	2.5	Red Ring w/Blue Pistil	Main Body
2	2.5	Blue Glitter w/tail	Main Body
2	2.5	Swimming Fish w/tail	Main Body
2	2.5	Multi-Tier Floral Corsage w/tail	Main Body
2	2.5	Golden Twinkler w/tail	Main Body
2	2.5	Twilight Twinkler w/tail	Main Body
2	2.5	Brocade Crown Kamuro w/tail	Main Body
2	2.5	Red Chrysanthemum w/tail	Main Body
2	2.5	Blue Peony w/Silver Pistil w/tail	Main Body
2	2.5	Blue to Red Peony w/tail	Main Body
2	2.5	Glittering Chrysanthemum to Yellow to Red Peony	Main Body
2	2.5	Katie-Dids at Night w/rising whistle	Main Body
2	2.5	Double Rings w/tail	Main Body
2	2.5	Monarch Butterflies w/tail	Main Body
2	2.5	Purple Brocade w/tail	Main Body
2	2.5	Green Peony/Silver Comet	Main Body

2	2.5	Purple Peony w/Report	Main Body
2	2.5	Variegated Silver	Main Body
2	2.5	Dahlia to Silver Strobe	Main Body
2	2.5	Glittering Silver to Blue Chrysanthemum	Main Body
2	2.5	Tangerine Brocade	Main Body
2	2.5	Titanium Salute w/rising tail	Main Body
2	2.5	Tourbillion to Heavy Salute (multi-break)	Main Body
2	2.5	Green Peony w/ Yellow Pistil	Main Body
2	2.5	Red to Silver Peony w/tail	Main Body
2	2.5	Double Rings (green & red)	Main Body
2	2.5	Tequila Sunset w/tail	Main Body
2	2.5	Waterfall w/tail	Main Body
2	2.5	Weeping Willow w/tail	Main Body
2	2.5	Silver Coconut Tree w/Trunk	Main Body
2	2.5	Green Brocade	Main Body
2	2.5	Crackling Kamuro w/tail	Main Body
2	2.5	Golden Chrysanthemum w/tail	Main Body
2	2.5	White to Purple Peony w/tail	Main Body
2	2.5	Glittering Chrysanthemum to Green Peony	Main Body
2	2.5	Glittering Chrysanthemum to Purple to Green Peony	Main Body
2	2.5	Crossed Rings w/tail	Main Body
2	2.5	Glitter Delight w/tail	Main Body
2	2.5	Green Coconut Tree w/Trunk	Main Body
2	2.5	Red Coconut Tree w/Trunk	Main Body
2	2.5	Red Peony/Silver Comet	Main Body
2	2.5	Blue Peony w/Report	Main Body
2	2.5	Red to Crackling	Main Body
2	2.5	Dahlia w/Crackling Pistil	Main Body
2	2.5	Emerald Willow	Main Body
2	2.5	Brocade Crown w/tail	Main Body
3	3	Salute w/tail	Main Body
3	3	Salute w/titanium Splatter	Main Body
3	3	Red White Blue Peony w/tail	Main Body
3	3	Color to Report (multi break)	Main Body
3	3	Color & Thunder (multi break)	Main Body
3	3	Serpent to Report (multi break)	Main Body
3	3	Red Peony	Main Body

3	3	Silver Peony	Main Body
3	3	White Peony	Main Body
3	3	Green Peony	Main Body
3	3	Blue Peony	Main Body
3	3	Yellow Peony	Main Body
3	3	Silver Palm Tree w/tail	Main Body
3	3	Golden Palm Tree w/tail	Main Body
3	3	Red Ring	Main Body
3	3	Blue Ring	Main Body
3	3	Green Ring	Main Body
3	3	Double Rings	Main Body
3	3	Crackling to Blue	Main Body
3	3	Crackling to Rd	Main Body
3	3	Crackling to Green	Main Body
3	3	Crackling to Yellow	Main Body
3	3	Golden Kamuro	Main Body
3	3	Crackling Kamuro	Main Body
3	3	Red Chrysanthemum w/tail	Main Body
3	3	Blue Chrysanthemum w/tail	Main Body
3	3	White Chrysanthemum w/tail	Main Body
3	3	Yellow Chrysanthemum w/tail	Main Body
3	3	Glitter Silver to Blue	Main Body
3	3	Glitter Silver to Red	Main Body
3	3	Glitter Silver to Green	Main Body
3	3	Glitter Silver to Yellow	Main Body
3	3	Brocade Diadem to Purple w/tail	Main Body
3	3	Brocade Diadem to Red w/tail	Main Body
3	3	Brocade Diadem to Blue w/tail	Main Body
3	3	Brocade Diadem w/tail	Main Body
3	3	Silver Strobe	Main Body
3	3	Golden Strobe	Main Body
3	3	White Strobe	Main Body
3	3	Red Strobe	Main Body
3	3	Blue Tiger Tail to Salute	Main Body
3	3	Red Tiger Tail to Salute	Main Body
3	3	Purple Tiger Tail to Salute	Main Body
3	3	Green Tiger Tail to Salute	Main Body
3	3	Purple Comet to Report	Main Body

3	3	Green Comet to Report	Main Body
3	3	Silver Comet to Report	Main Body
3	3	Red Comet to Report	Main Body
3	3	Red Tiger Tail to Spangle Flower	Main Body
3	3	Blue Tiger Tail to Spangle Flower	Main Body
3	3	Green Tiger Tail to Spangle Flower	Main Body
3	3	Purple Tiger Tail to Spangle Flower	Main Body
3	3	Gold Tiger Tail to Red Peony	Main Body
3	3	Silver Tiger Tail to Red Peony	Main Body
3	3	Crackling Comet to Report	Main Body
3	3	Red Tiger Tail to Red Peony	Main Body
3	3	Orange Peony w/tail	Main Body
3	3	Aqua Peony w/tail	Main Body
3	3	Turquoise Peony w/tail	Main Body
3	3	Purple Peony w/tail	Main Body
3	3	Dragon Eggs	Main Body
3	3	Twilight Twinkler w/tail	Main Body
3	4	Red Peony	Main Body
3	4	Silver Peony	Main Body
3	4	Blue Peony	Main Body
3	4	Green Peony	Main Body
3	4	Thousand Blooming Flowers	Main Body
3	4	Crackling Kamuro	Main Body
3	4	Silver Palm Tree w/tail	Main Body
3	4	Golden Palm Tree w/tail	Main Body
3	4	Red Chrysanthemum w/tail	Main Body
3	4	Blue Chrysanthemum w/tail	Main Body
3	4	White Chrysanthemum w/tail	Main Body
3	4	Yellow Chrysanthemum w/tail	Main Body
3	4	Brocade Diadem to Purple w/tail	Main Body
3	4	Brocade Diadem to Red w/tail	Main Body
3	4	Brocade Diadem to Blue w/tail	Main Body
3	4	Brocade Diadem w/tail	Main Body
3	4	Silver to Gold Glitter	Main Body
3	4	Brocade Crown Kamuro	Main Body
3	4	Kamuro w/Green tips w/tail	Main Body
3	4	Glittering Gold Chrysanthemum	Main Body
3	4	Blue Peony w/Crackling Pistil	Main Body

3	4	Green Glitter Strobe	Main Body
3	4	Thrice Color Changing Peony	Main Body
3	4	Thunder Flowers w/tail	Main Body
3	4	Saturn Planet w/Rings	Main Body
3	4	Green Peony w/Gold Pistil	Main Body
3	4	Silver Kamuro Chrysanthemum	Main Body
3	4	Blue Peony w/Golden Pistil	Main Body
3	4	Green Peony w/Blue Pistil	Main Body
3	4	Glittering Silver to Blue Chrysanthemum	Main Body
3	4	Red to Green Chrysanthemum	Main Body
3	4	Sunflower Chrysanthemum	Main Body
3	4	Coconut Tree w/Golden tail	Main Body
3	4	Purple Peony w/Silver Palm Pistil	Main Body
3	4	Thrice Color Changing Chrysanthemum	Main Body
3	4	Red to Silver to Crackling Pistil	Main Body
3	4	Dragon Eggs	Main Body
3	4	Brocade Crown Kamuro	Main Body
3	4	Red to Blue Silver Peony	Main Body
3	4	Green Chrysanthemum w/Blue Pistil	Main Body
3	4	Half Silver Half Red Peony	Main Body
3	4	Glittering Silver Peony	Main Body
3	4	Golden Willow	Main Body
3	4	Brocade Silver to Crackling w/tail	Main Body
3	4	Color Changing Peony	Main Body
3	4	Shell of Shells w/rising Peony’s	Main Body
3	4	Willow Diadem to Silver Twinkler	Main Body
3	4	Kamuro w/multi-Blooming Flowers	Main Body
2	5	Blue to Red to Silver Peony	Main Body
2	5	Golden Wave to Blue Chrysanthemum	Main Body
2	5	Purple to Crackling	Main Body
2	5	White Chrysanthemum w/Red Pistil	Main Body
2	5	Green Octopus	Main Body
2	5	Flashing Stars	Main Body
2	5	Silver Chrysanthemum w/Blue Pistil	Main Body
2	5	Silver Coconut w/tail	Main Body
2	5	Crossette Glitter w/silver tail	Main Body
2	5	Silver Rind w/Purple Pistil	Main Body

2	5	Red Gamboge to Green to Purple Chrysanthemum	Main Body
2	5	Thousand Color to Crackling	Main Body
2	5	Gold Spider w/Glittering Green & Silver Tail	Main Body
2	5	Half Red Half Blue Chrysanthemum w/Pistil	Main Body
2	5	Brocade Crown	Main Body
2	5	Strobing Willow	Main Body
2	5	Golden Palm Tree w/tail	Main Body
2	5	Blue Chrysanthemum w/Yellow Pistil	Main Body
2	5	White Chrysanthemum w/Red & White Pistil	Main Body
2	5	Triple Rings (Red/White/Blue)	Main Body
2	5	Golden Kamuro w/Strobe Pistil w/tail	Main Body
2	5	Saturn w/Ring and rising tail	Main Body
2	5	X'mas Dahila w/tail	Main Body
2	5	Spangle Chrysanthemum w/pistil	Main Body
2	5	Purple to Silver Peony	Main Body
2	5	Green Peony w/Purple Pistil	Main Body
2	5	Double Rings	Main Body
2	5	Silver Bees	Main Body
2	5	Blue Brocade	Main Body
2	5	Yellow to Green Peony w/tail	Main Body
2	5	Golden Twinkler	Main Body
2	5	Crossed Rings	Main Body
2	5	Double Hearts	Main Body
2	5	Smiley Face	Main Body
2	5	Hour Glass w/Ring	Main Body
2	5	Star in Circle w/tail	Main Body
2	5	Brocade Chrysanthemum w/pistil	Main Body
2	5	Dragon Eggs	Main Body
2	5	Multi-Colored Peony	Main Body
2	5	Crackling Kamuro	Main Body
2	5	Silver Peony w/Red Pistil	Main Body
2	5	Silver Peony w/Blue Pistil	Main Body
2	5	Brocade Diadem w/Red Pistil	Main Body
2	5	Brocade Diadem w/Blue Pistil	Main Body
2	5	Kamuro w/Blue Tips	Main Body
2	5	Kamuro w/Green tips	Main Body
2	5	Spider Web to Gold Strobe	Main Body

2	5	Tiger Tail to Blue	Main Body
6	5	Artillery (5 timed reports)	Main Body
6	5	Mag Yellow w/Loud Report (multi-break)	Main Body
300	Cake	Red White and Blue Whistling (angle cake)	Main Body
240	Cake	Floral Cyclic Cauldron Barrage (angled)	Main Body
300	Cake	Red Stars to Reports to Whistles w/Blue Tails	Main Body
480	Cake	Whistling Tourbillions w/Red & Blue Mines to Reports	Main Body
360	Cake	Mixed "Z' Floral Bouquet & Reports Spread	Main Body
600	Cake	Extra Large Brocade Waterfall Mine Fan	Main Body
420	Cake	Multiple Titanium Salute Reports	Main Body
300	Cake	Three-Timed Screamer Delight w/Heavy Reports	Main Body
Grand Finale			
Quantity	**Size**	**Product**	**Section**
150	Cake	Glittering Floral Bouquet Patters	Finale
150	Cake	Red to Silver Strobing Patterns Barrage	Finale
300	Cake	Crackling Delite Dravon Eggs Effects	Finale
300	Cake	Spinning Silver Tourbillions Barrage	Finale
120	2.5	Red White and Blue Peonies	Finale
96	2.5	Flash Salute w/tail	Finale
60	3	Multi-Colored Peony	Finale
60	3	Mixed Chrysanthemums	Finale
48	3	Special Effects (tourbillions, serpents, whistles, tiger tails)	Finale
60	3	Coconut Palm w/tail	Finale
48	3	Titanium Salute w/tail	Finale
12	4	Gold Brocade Chrysanthemum	Finale
12	4	Red, White, Blue Peony	Finale
12	4	Golden Coconut Palm Trees	Finale
12	4	Silver to Blue to Red Peony	Finale
4	5	Crackling Golden Kamuro	Finale
3	5	Deluxe Double Strobing Saturn	Finale
4	5	Thrice Color Changing Dragon Eyes	Finale
3	5	Brilliant Red to Gold Chrysanthemum	Finale

EXHIBIT B - OUTDOOR DISPLAY OF FIREWORKS PERMIT APPLICATION

Display Operator will be responsible for applying for a permit application through the local Fire Protection District for each municipality 30 days in advance of the event date.

The following information will be required:

- The name, address, email address, and phone number of the individual, group, or organization sponsoring the outdoor fireworks display (*sponsor information)*
- The name, address, email address, and phone number of the supplier of the fireworks, if different from that of the operator *(Illinois Distributor License for Outdoor Displays)*
- Confirmation of the license of the operator *(Illinois Lead Pyrotechnic License)*
- Confirmation of ID of assistants who are to be present *(On OSFM Registered Pyrotechnic Assistant's list)*
- Evidence of financial responsibility by the sponsor of the event or festival and by the operator of the fireworks display. This could take the form of an insurance certificate or other document attesting to coverage or responsibility *(minimum of $1M)*
- The date and time of day at which the outdoor fireworks display is to be held, with a proposed rain/wind date and time in the event the display is postponed
- The manner and place of storage of such fireworks prior to delivery to the outdoor fireworks display site
- The number, size, and kind of fireworks to be discharged
- The exact location planned for the outdoor fireworks display
- A diagram of the grounds on which the outdoor fireworks display is to be held showing the point at which the fireworks are to be discharged; the fallout area of the fireworks; the location of all buildings, highways, and other lines of communication; the lines behind which the audience is to be restrained; separation distances; and the location of other possible overhead obstructions
- Confirmation that the outdoor display shall be set-up, conducted, and cleaned up as per NFPA 1123 Guidelines

MIAND, INC.

DBA

MAD BOMBER FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 E HUPP RD R-3-1 LAPORTE, IN 46350

PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

Mad Bomber Fireworks is in its thirtieth year of producing professional fireworks displays. In the beginning we quickly earned the reputation as someone who catered to smaller customers that other fireworks companies would dictate terms to. We would not lose customers once we had them. It was always going above and beyond the call of duty that we were able to compete with the big family companies that dominated the fireworks industry and had the benefit of generations of loyal customers. We approached growth cautiously while not losing sight of what had put us above the crowd for our clients. Today we produce around 500 displays a year throughout the Midwest.
We produce traditional, electric fired, choreographed to music, computer fired, indoor and close proximity displays. We have eight full time employees. Summer have another ten to twelve college students who work. Near Forth of July we again ramp up for our displays with 400-500 workers producing displays throughout the Midwest.

Andrew James, President. Started Mad Bomber Fireworks in 1991. He started the company do to his love for fireworks. He has produced thousands of displays over the years. He has grown Mad Bomber Fireworks into the premiere display company in the Midwest.

Dan P. Miller, Senior Vice President has been involved in the fireworks industry for 48 years. He started with Mad Bomber Fireworks in 1992. Dan has executed thousands of displays in Illinois, Wisconsin and throughout the Midwest. His background includes sales, training and coordination of complete operations of firework displays.

Randy McCasland, Director of Operations. He had his start working with his dad on displays at a young age. He has been lead on well over a thousand displays throughout fourteen states. Randy has designed, produced and worked on displays for professional baseball, professional basketball, concerts, towns, cities, festivals, and special events.

MAD BOMBER

FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 HUPP RD R-3-1 LAPORTE, IN 46350
PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

References:

Alsip Park District
Jeanette Huber 708.389.1003
12521 S. Kostner Ave Alsip, Il 60803
jhuber@alsipparks.org

Wilmette Park District
Carol Heafey 847.256.9639
1200 Wilmette Ave Wilmette, IL 60091
cheafey@wilpark.org

Village of Orland Hills
Glenn Bilina 708.349.7211
16553 S. Haven Ave Orland Hills, IL 60487
g.e.bilina@gmail.com

City of Waukegan
David Motley 847.599.2525
100 N Martin Luther King Jr Ave Waukegan, IL 60085
David.motley@waukeganil.gov

St Charles Park District
Mike Kies 630.513.4335

LaGrange Park District
Dean Bissias 708.352.1762

Village of Elburn
Phillip Albano 630.329.7809

MAD BOMBER

FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 E HUPP RD R-3-1 LAPORTE, IN 46350
PHONE (219) 393-5051 **Toll Free (877) MAD-BOMB** **FAX (219)393-3177**

To Whom it May Concern,

We beleive the fairest way to see video's of our shows are unedited videos taken be spectators and uploaded to the internet. Please reference these displays from you tube.

PGI 2012 Mad Bomber Fireworks Two Displays Wednesday and Friday Night

Blueberry Fest Fireworks

Gurnee Days Fireworks

Munster IN Fireworks 2019

Oak Fest Fireworks

THANKS

Randall McCasland

Randall McCasland, Director of Operations

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 3/2/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Britton-Gallagher and Associates, Inc. One Cleveland Center, Floor 30 1375 East 9th Street Cleveland OH 44114	**CONTACT NAME:** **PHONE (A/C, No, Ext):** 216-658-7100 **FAX (A/C, No):** 216-658-7101 **E-MAIL ADDRESS:** info@brittongallagher.com
INSURED 2321 Miand Inc. dba Night Magic Displays 3999 E. Hupp Rd, Building R-3-1 La Porte IN 46350	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Everest Indemnity Insurance Co. 10851 **INSURER B :** Everest Denali Insurance Company 16044 **INSURER C :** Liberty Mutual Insurance Co **INSURER D :** Liberty Mutual Insurance Co 25035 **INSURER E :** Axis Surplus Ins Company 26620 **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 130972609 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	**GENERAL LIABILITY** X COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC	Y		SI8GL01460-211	2/4/2021	2/4/2022	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 1,000,000 $ 500,000 $ $ 1,000,000 $ 2,000,000 $ 2,000,000 $
B	**AUTOMOBILE LIABILITY** X ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS			SI8CA00186-211	2/4/2021	2/4/2022	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 1,000,000 $ $ $ $
E	[ ] **UMBRELLA LIAB** X OCCUR X **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			P-001-000243093-02	2/4/2021	2/4/2022	EACH OCCURRENCE AGGREGATE $	$ 4,000,000 $ 4,000,000 $
C D D	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC539S-714654-011 WC5-34S-524913-030 WC5-34S-311836-051	2/4/2021 2/4/2021 2/4/2021	2/4/2022 2/4/2022 2/4/2022	X WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
A	Excess Liability #2			SI8EX01319-211	2/4/2021	2/4/2022	Each Occ/ Aggregate Total Limits	$5,000,000 $10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Additional Insured extension of coverage is provided by above referenced General Liability policy where required by written agreement.

CERTIFICATE HOLDER

MIAND, INC- Mad Bomber -Planet Productions Sample
3999 E. HUPP ROAD
BUILDING R31
LA PORTE IN 46350

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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File Number 7153-650-5

STATE OF ILLINOIS

OFFICE OF THE SECRETARY OF STATE

To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that

MIAND, INC., INCORPORATED IN INDIANA AND LICENSED TO TRANSACT BUSINESS IN THIS STATE ON JANUARY 31, 2018, APPEARS TO HAVE COMPLIED WITH ALL THE PROVISIONS OF THE BUSINESS CORPORATION ACT OF THIS STATE, AND AS OF THIS DATE, IS A FOREIGN CORPORATION IN GOOD STANDING AND AUTHORIZED TO TRANSACT BUSINESS IN THE STATE OF ILLINOIS.

In Testimony Whereof, *I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, this* 25TH *day of* FEBRUARY *A.D.* 2021 .

Authentication #: 2105603678 verifiable until 02/25/2022

Authenticate at: http://www.cyberdriveillinois.com

Jesse White

SECRETARY OF STATE

STATE OF ILLINOIS

OFFICE OF THE STATE FIRE MARSHAL
DIVISION OF FIRE PREVENTION

1035 Stevenson Drive • Springfield, IL 62703-4259

Pyrotechnic Distributor License

PLANET PRODUCTIONS/MAD BOMBER FIREWORKS
3999 E HUPP ROAD BUILDING R-3-1
LA PORTE, IN 46350

IL06-OP-00029
License #

05/15/2021
EXPIRATION DATE

Matt Perez
STATE FIRE MARSHAL

OP
CLASSIFICATION

This license may be revoked by the Office of the State Fire Marshal for failure to comply with the lawful rules regulating this program.



ILLINOIS
DEPARTMENT OF NATURAL RESOURCES

Illinois Department of Natural Resources

Office of Mines and Minerals
Oper #: 2166
PLANET PRODUCTIONS
3999 E. HUPP ROAD
BUILDING R-3-1
LA PORTE, IN 46350

HAS PAID THE REQUIRED FEE AND IS HEREBY ISSUED A

STORAGE CERTIFICATE

Not exceeding 10,000 pounds/count of explosives

Under the "Illinois Explosives Act"
Approved January 1, 2011

Effective Date: 3/1/2021

Certificate No.: 8856

Expires: Last day of February, 2022

Office of Mines
and Minerals

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION

HAZARDOUS MATERIALS CERTIFICATE OF REGISTRATION FOR REGISTRATION YEAR(S) 2019-2022

Registrant: MIAND INC DBA PLANET PRODUCTIONS
ATTN: Kelley Hatfield Turley
3999 HUPP ROAD, BUILDING R-3-1
LA PORTE, IN 46350

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

Reg. No: 062419550231BD Effective: July 1, 2019 Expires: June 30, 2022

HM Company ID: 38154

Record Keeping Requirements for the Registration Program

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

(1) A copy of the registration statement filed with PHMSA; and

(2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue; SE, Washington, DC 20590, telephone (202) 366-4109.

U.S. Department
of Transportation
**Federal Motor
Carrier Safety
Administration**

1200 New Jersey Ave., S.E.
Washington, DC 20590

July 10, 2019

In reply refer to:
USDOT Number: 777176

ANDREW JAMES
PRESIDENT
MIAND INC
PLANET PRODUCTIONS
3999 HUPP ROAD BLDG R-3-1
LA PORTE, IN 46350

HAZARDOUS MATERIALS SAFETY PERMIT
HM Safety Permit ID: US-777176-IN-HMSP
Effective Date: July 10, 2019

Dear ANDREW JAMES:

The Hazardous Materials Safety Permit (HMSP) is verification of the motor carrier's permission to engage in the transportation of hazardous materials listed in 49 CFR 385.403 by motor vehicle in interstate, intrastate, or foreign commerce.

This HMSP will be effective beginning July 10, 2019 and remain effective through June 30, 2021 if your company maintains compliance with the requirements pertaining to the safe and secure movement of hazardous materials for the protection of the public (49 CFR 385 and other applicable Federal Motor Carrier Safety Regulations and Hazardous Material Regulations). Failure to maintain compliance will constitute sufficient grounds for suspension or revocation of this authority.

Willful and persistent noncompliance with applicable safety fitness regulations as evidenced by a Department of Transportation safety fitness rating less than "Satisfactory" or by other indicators, could result in a proceeding requiring the holder of this permit to show cause as to why this authority should not be suspended or revoked.

For questions regarding this document you may contact the FMCSA Hazardous Materials Division at 202-366-6121.

Sincerely,

Joseph P. DeLorenzo
Director, Office of Enforcement and Compliance

MAD BOMBER
FIREWORKS PRODUCTIONS
AGREEMENT

This contract entered into this 5th day of March , 2021 by and between Mad Bomber Fireworks Productions of Kingsbury, Indiana hereinafter referred to as Seller, and

Village of Oswego and the United City of Yorkville

Herein after referred to as Buyer, of Oswego and Yorkville State Illinois

Witness: Seller agrees to provide and Buyer agrees to purchase four Fireworks Displays in accordance with the program agreed upon. Buyer will pay Seller a sum of $53,300.00 for said Displays. Upon acceptance of this agreement Buyer will pay Seller a sum of Waived as an Earnest Money Deposit with the Balance due and payable within 30 days after the display date agreed upon. A late charge of 1 ½% per month will be assessed on accounts not paid within thirty days of display date. Buyer agrees to pay any and all collection costs, including reasonable attorney's fees and court cost incurred by Seller in the collection or attempted collection of any amount due under this agreement and invoice.

Both Seller and Buyer mutually agree to the following terms, conditions, and stipulations:

1. Seller will present two Fireworks Displays on the evening of the July 4, 2021 one near Thanksgiving, 2021 and one near St Patrick's Day 2022, it being understood that should there be inclement weather the day of the display the Seller has sole discretion to cancel display. An alternate display date will be given within six months of the original display date agreeable to both the Seller and Buyer.
2. The Fee for cancellation for any reason of the Fireworks Display is 40% of the agreement price if Buyer chooses to not select another display date within six months of the original display date.

3. Buyer will provide a sufficient area for the Display, including a minimum spectator set back of 350' feet at all points from the discharge area. Buyer will provide protection of the display by roping-off or other suitable means. Buyer will provide adequate police protection to prevent spectators from entering display area. Buyer agrees to search the fallout area at first light following a night display.

4. Seller reserves the right to terminate the Display in the event that persons enter the secured Danger Zone and Security is unable to secure the Danger Zone.

5. Seller agrees to provide Qualified Technicians to take charge of and present said Display.

6. Seller agrees to provide Liability Insurance in the amount of $10,000,000.00 for the benefit of both the Buyer and Seller.

7. Mad Bomber Fireworks Productions retains the right to substitute product of equal or greater value in the event of shortages or unavailability of any particular item on the proposal.

8. Seller and Buyer agree to included Attachments, if any. See Attachments: Yorkville July 4, $20,000.00. Oswego July 4, $18,500.00. Yorkville St Pat's $7,400.00 Yorkville Holiday $7,400.00.

Both Seller and Buyer hereto do mutually and severally guarantee terms, conditions, and payments of this contract, these articles to be binding upon the parties, themselves, their heirs, executors, administrators, successors and assigns.

Mad Bomber Fireworks Productions

By_____
Dan Miller, Senoir Vice President

Date_____

BUYER

By_____
(Its duly authorized agent, who represents that he/she has full authority to Bind the Buyer.)

Date_____

Print Name_____

Address _____

_____

Phone _____

MAD BOMBER

FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 E HUPP RD R-3-1 LAPORTE, IN 46350
PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

OSWEGO
PROPOSAL
JULY 4, 2021

MAD BOMBER FIREWORKS PRODUCTIONS IS PLEASED TO PRESENT FOR YOUR CONSIDERATION THIS EXCEPTIONAL PROPOSAL FOR A SPECTACULAR FIREWORKS SHOW TO BE PRESENTED FOR INDEPENDENCE DAY.

FIREWORKS SHOW	$18,500.00
PROFESSIONAL PRESENTATION	INCLUDED
$10,000,000 LIABILITY INSURANCE	INCLUDED
POST DISPLAY CLEANUP	INCLUDED
EARNEST MONEY DEPOSIT	$WAIVED
BALANCE DUE AFTER PRESENTATION	$18,500.00

Mad Bomber Fireworks will also supply the following:
1. We will secure all permits.
2. CDL driver with a Hazmat endorsement.
3. Registered with the USDOT to haul hazmat. (mandatory by Federal Law)
4. Carry $5,000,000.00 auto insurance to haul hazmat. (mandatory by Federal Law)
5. Haul hazmat material in a properly placarded vehicle.

Randall McCasland
Randy McCasland, Director of Operations

Oswego IL

Opening

24	3" Assorted Color Chrysanthemums and Peonies
3	4" Variegated Chrysanthemums
2	5" Assorted Color Shells

Mad Bomber
Fireworks Productions

Oswego IL

SPECIALTY BARRAGES

300 White Glittering Sky Blue
350 Color Xsette and Crackling Coconut Trees
330 Dragon Chrysanthemum to Color
200 Green Comet Xsette
300 Red White and Blue Angled Crossettes
600 Color Strobing Willows
80 Shot Silver Palm Clusters
200 R/W/B American Salutes
300 Red Wave to Glittering Silver Blue Core

Mad Bomber
Fireworks Productions

Oswego IL

Specialty Stacks

Gold Strobes

12 3"
3 4"
1 5"

Flower Crowns

12 3"
3 4"
1 5"

Crackling Nishiki Kamuro

12 3"
3 4"
1 5"

Different size shells breaking at multiple heights creating a stacking effect.

Mad Bomber
Fireworks Productions

Oswego IL

16 3" SPECIALTY SHELLS

3" Color Wolfs
3" Silver Serpent w/Magenta
3" Whistling w/Color Stars
3" Red Sky Mines
3" Blue Sky Mines
3" White Sky Mines
3" Smile Face
3" Assorted Sky Mines
3" Peach Flying Stars
3" Banger Chartreuse
3" Blue Comets
3" Diamond Screamer w/Color Stars
3" White Strobe Waterfall
3" Orange Strobe

12 4" SPECIALTY SHELLS

4"Cyan Sky Mine
4" Whistle Red Stars
4" Silver Flying Fish
4" Aqua w/Silver Turbulence
4" Farfalla w/Magenta Stars
4" Assorted Color Wolfs
4" Multi Color Flying Stars
4" Silver Serpents w/Mag Colors
4" Whirlpool Green Xsette
4" Whirlpool Red Xsette
4" Green Sound Ring
4" Tourbillion w/Color Stars
4" Diamond Screamer w/Color Stars
4" Lemon Xsette w/Time Rain
4" Ti Serpent w/Red & Blue to Report
4" Ti Whistle Ring w/Lemon

Mad Bomber
Fireworks Productions

Oswego IL

21 3 INCH SHELLS

Three Shot Volleys

Silver Flying Fish
Green Strobe
Yellow Strobe
RWB Ring w/Mine Red Strobe
RWB w/Brocade Mine
Red Falling Leaves
Green Falling Leaves
Yellow Falling Leaves
Purple Falling Leaves
Flower Crowns

15 4 INCH SHELLS

Three Shot Volleys

Poinsettas
Half Red Half Silver
Cyan w/Magenta Pistal
Green to Orange
Color Flying Stars
Red Strobes
White Strobes
Crackling Willows
Flower Crowns
Gold Strobes

Three shells shot simultaneously and spread across sky

Mad Bomber
Fireworks Productions

Oswego IL

3 INCH SHELLS

36 Guandu

Red Peony w/Red Tail
Green & Purple Peony w/Tail
Green & Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red Stars w/1000Green w/Tail
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Color Flower Rain w/Silver Tail

12 Yung Feng

White Twinkling Chrysanthemum
Variegated Cycas Bloom
Green Chrysanthemum w/Crackling
Golden Silk Chrysanthemum
Red Cherry Blossom w/Tail
Nishiki Kamuro
Crackling Nishiki Kamuro
Golden Wave to Purple Chrysanthemum
Glittering Silver to Red Chrysanthemum
Reddish Gamboge to Silver Chrysanthemum
Nishiki Kamuro Niagra Falls
Silver Willow

Mad Bomber
Fireworks Productions

Oswego IL

3 INCH SHELLS * main body

72 Wizard Brand

Silver Strobe
USA Style Titanium Whistle Cannister
Red to Crackling Chrysanthemum
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Blue to Red Flash
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Firefly Waterfall w/Firefly Tail
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated
Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
Red White & Blue Peony
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

6 Titanium Salute

Mad Bomber
Fireworks Productions

Oswego IL

4 INCH SHELLS * main body

36 Guandu

Red Peony w/Red Tail
Red Chrysanthemum w/tail
Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red to Crackling
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Red Peony wCrackling Pistil

18 Dominator

Green Peony w/Palm Core & Tail
Red Peony w/Glitt Coco Core & Tail
Purple Peony w/Green Pistil & Pur Tail
Vareigated Chrysanthemum w/Blue Tail
Spangle Chrysanthemum w/Red Tail
Crack Flower Chrys w/Crack Tail
1/2 Yellow 1/2 Blue w/Blue Tail
Color Wave w/Silver Tail
Gold Wave Green Strobe Chrys
Glitt Silver to Green to Red
Red and Spangle Chrysanthemum
Silver Strobe w/Strobe Tail
Brocade Crown to Crackling w/Crack Tail
Yellow to Crackling w/Crack Tail
Vareigated Color to Crack Flower
Green Ring w/Green Tail
Crackling Willow w/Gold Tail
Crackling Palm Tree w/Crackling Tail

Mad Bomber
Fireworks Productions

Oswego IL

4 INCH SHELLS * main body

36 Wizard Brand

Blue to Flash w/Coco Pistil
Blue Cherry Blossom w/ Silver Tail
Brocade Crown w/Silver Tail
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Red Cherry Blossom
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Crackling Nishiki Kamuro
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated
Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
3 Concentric Ring
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

Mad Bomber
Fireworks Productions

Oswego IL

4 INCH SHELLS * main body

18 Jinsheng

Chrys w/Rthree Section Time Rain w/Coco Pistil
Red Strobe w/Blue Sky w/Rising Tail
Silver Coconut w/ Glittering
Sun Ring w/ Rising Tail
Double Half Red to Red
Yellow Cycas w/Rising Tail
Red to Green Crossette Ring
Silver Wave w/Special Green Strobe
Thousand Red w/Time Rain
Blue Peony to Brocde w/Palm Core
Flower Wave to Purple w/Rising Tail
Glittering Silver to Blue to Green
Green Cherry Blossom
Red Peony w/Rising Tail
Yellow Peony w/Green Pistil
Green to Flickering
Ring w/ Multi Color Flower
Kaleidoscope w/Waterfall

18 Dominator

Color Diadem w/Gold Tail
Gold Silk Chrysanthemum
Golden Willow w/Flare Moons
Color Palm Tree w/Crown Flowers
Nishiki Kamuro w/Color Tips
Crackling Nishiki Kamuros
Eight Hearts w/Rising Purple Flowers
Revolving Dragons w/Blooms
Thousand Color Titanium Salutes
Silver Crossette in Red & Blue Peony
Nishiki Kamuro w/Niagra Falls

Mad Bomber
Fireworks Productions

Oswego IL

5 INCH SHELLS * main body

12 Pheasant

Chrys w/Red to Green Ring
Silver Crackling Palm Tree
Purple Wave
Red Flower Rain
Gold Wave to Aqua
Smiley Face
Brocade Butterfly
Sea Blue and Lemon Dahlias
Blue Palm Tree
Blue Peony w/Silver Core
Gold Diadem Willow
Gold Wave to Purple to Green
Silver Crown w/Small Red Flowers
Ripples to Vareigated Wave
Crackling to Sil Crossette
China Storm
White Strobing
Yellow Peony
Red to Purple to Green Peony
Red Peony w/Glitt Gold Palm Tree Core
Gold Wave to Red to Green
Green to Yellow w/Yellow to Green Pist
Yellow Peony w/Blue Palm Tree Core
Silver Wave to Green to Crackling

12 Yeng Feng

Glitt Sil to Blue to Red w/Reports
Gold Wave to Red to Blue Flickering
Colored Diadem
Sil Nishiki Kamuro w/Blue Pistil
Eight Hearts w/Tail
Purple Sunflower w/Tail
Sil Coconut Tree w/Red Flowers
Gold Coconut Tree w/Blue Blooms
Aqua Peony
RWB to 5 Report
Gold Coco to Red Crown Flower
Red Gamboge to Red to Blue Chrys
GW to Purple Chrys w/Red to Sil Pistil
Spangle Chrys w/Crackling Blue Pistil
Nishiki Kamuro w/Tail
Twinkling Silver Willow
Revolving Dragons w/Red Flowers
Twinkling Coconut Crossette
Bright Red Diadem
Green Twinkling Willow
Green Meteor
Variegated Flowers

5 INCH SHELLS

Oswego IL

5 INCH SHELLS * main body

36 Wizard

Brocade Waterfall w/Tail
Brocade Crown Chrysanthemum
3 Concentric Ring w/Crack Pistil
Silver Strobing w/Tail
RWB USA Style Cannister w/Tail
Happy Face w/Tail
Glitt Sil to Blue w/Green Pistil
Saturn Giant Blue Peony
Glitt Sil to Blue w/Red Pistil
Glitt Sil to Red w/Blue Pistil
Red Crossette Palm Tree w/tail
Silver Crossette Palm Tree w/Tail
Gold Crossette Palm Tree w/Tail
Giant Brocade Crossette Palm Tree
Five Concentri Ring
Gold Strobes w/tail
1/2 Red 1/2 Blue Chrys w/ Broc Cross Pistil
Saturn Giant Red Peony w/Brocade Ring
Sil to Blue Chrys w/Red Pistil
Blue to Green Peony w/Coco Pistil
Three Ring w/Pistil
Schreecher Cannister
RWB Peony w/Coco Pistil
Green Strobes w/Tail
Nishiki Kamuro to Purple w/Tail
Purple Peony w/ Crossette Brocade Pistil
New Color Rainbow w/Gold Strobe Pistil
China StormGlittering Coconut Tree
Glitt Sil to Purple Peony w/Green Pistil
Crackling Green Palm w/Blue Flowers
Brocade Crossetting Palm Tree w/Broc Tail
Gold Tails to Green Palm w/Sil Tail
Crackling Glitter Palm w/Crack Tail
Ti Whistle Ring w/Red & Blue Cannister Shell
Glitt Sil to Blue Chrys w/Broc Red Pistil
Brocade Waterfall w/Silver Leaves
Gold Coconut to Green Flowers
Giant Gold Octopus w/Red Eyes & Bro Ring
Giant Green Peony w/Brocade Ring
Gold Chrys w/Rainbow Ring
Gold Crossette Palm w/Trunk
Glittering Silver
Red Peony w/Blue Pistil
Red to Blue Peony w/Coco Pistil
Brocade to Red to Blue Chrys
Gold Peony w/Blue Pistil
Red Strobes w/Tail
Giant Z Willow Palm w/Z Willow Tail

5 INCH SHELLS

Oswego IL

Finale

228 2.5" Assorted Willows

288 3" Finale Shells

Dominator Color Finale
Dominator Specialty Finale
Kanto Mag Color Finale
Kanto Comet and Color Finale
Kanto Premium Color Finale
Vulcan Red White and Blue Finale
Vulcan Twilight Glitter Finale
Wizard Color Finale
Wizard Specialty Finale
Wizard Brocade Crown Finale
Wizard Glittering Silver Finale
Wizard Gold Cycs Finale

36 3" Titanium Salutes

36 4" Finale Shells

Vulcan Color Finale
Vulcan Twilight Glitter Finale
Wizard White Strobe Waterfall Finale
Wizard Assorted Ring Finale
Wizard Color Finale
Kanto Color Finale
Kanto Gold Brocade Finale

14 5" Assorted Color Chrysanthemums

Mad Bomber
Fireworks Productions

MAD BOMBER

FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 E HUPP RD R-3-1 LAPORTE, IN 46350
PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

YORKVILLE
PROPOSAL
JULY 4, 2021

MAD BOMBER FIREWORKS PRODUCTIONS IS PLEASED TO PRESENT FOR YOUR CONSIDERATION THIS EXCEPTIONAL PROPOSAL FOR A SPECTACULAR FIREWORKS SHOW TO BE PRESENTED FOR INDEPENDENCE DAY.

FIREWORKS SHOW	$20,000.00
PROFESSIONAL PRESENTATION	INCLUDED
$10,000,000 LIABILITY INSURANCE	INCLUDED
POST DISPLAY CLEANUP	INCLUDED
EARNEST MONEY DEPOSIT	$WAIVED
BALANCE DUE AFTER PRESENTATION	$20,000.00

Mad Bomber Fireworks will also supply the following:
1. We will secure all permits.
2. CDL driver with a Hazmat endorsement.
3. Registered with the USDOT to haul hazmat. (mandatory by Federal Law)
4. Carry $5,000,000.00 auto insurance to haul hazmat. (mandatory by Federal Law)
5. Haul hazmat material in a properly placarded vehicle.

Randall McCasland
Randy McCasland, Director of Operations

Yorkville IL

Opening

36	3" Assorted Color Chrysanthemums and Peonies
6	4" Variegated Chrysanthemums
2	5" Assorted Color Shells

Mad Bomber
Fireworks Productions

Yorkville IL

SPECIALTY BARRAGES

300 White Glittering Sky Blue
350 Color Xsette and Crackling Coconut Trees
330 Dragon Chrysanthemum to Color
200 Green Comet Xsette
300 Red White and Blue Angled Crossettes
600 Color Strobing Willows
80 Shot Silver Palm Clusters
200 R/W/B American Salutes
300 Red Wave to Glittering Silver Blue Core

Mad Bomber
Fireworks Productions

Yorkville IL

Specialty Stacks

Gold Strobes

12 3"
3 4"
1 5"

Flower Crowns

12 3"
3 4"
1 5"

Crackling Nishiki Kamuro

12 3"
3 4"
1 5"

Different size shells breaking at multiple heights creating a stacking effect.

Mad Bomber
Fireworks Productions

Yorkville IL

20 3" SPECIALTY SHELLS

3" Color Wolfs
3" Silver Serpent w/Magenta
3" Whistling w/Color Stars
3" Red Sky Mines
3" Blue Sky Mines
3" White Sky Mines
3" Smile Face
3" Assorted Sky Mines
3" Peach Flying Stars
3" Banger Chartreuse
3" Blue Comets
3" Diamond Screamer w/Color Stars
3" White Strobe Waterfall
3" Orange Strobe

16 4" SPECIALTY SHELLS

4"Cyan Sky Mine
4" Whistle Red Stars
4" Silver Flying Fish
4" Aqua w/Silver Turbulence
4" Farfalla w/Magenta Stars
4" Assorted Color Wolfs
4" Multi Color Flying Stars
4" Silver Serpents w/Mag Colors
4" Whirlpool Green Xsette
4" Whirlpool Red Xsette
4" Green Sound Ring
4" Tourbillion w/Color Stars
4" Diamond Screamer w/Color Stars
4" Lemon Xsette w/Time Rain
4" Ti Serpent w/Red & Blue to Report
4" Ti Whistle Ring w/Lemon

Mad Bomber
Fireworks Productions

Yorkville IL

24 3 INCH SHELLS

Three Shot Volleys

Silver Flying Fish	Red Falling Leaves
Green Strobe	Green Falling Leaves
Yellow Strobe	Yellow Falling Leaves
RWB Ring w/Mine Red Strobe	Purple Falling Leaves
RWB w/Brocade Mine	Flower Crowns

18 4 INCH SHELLS

Three Shot Volleys

Poinsettas	Red Strobes
Half Red Half Silver	White Strobes
Cyan w/Magenta Pistal	Crackling Willows
Green to Orange	Flower Crowns
Color Flying Stars	Gold Strobes

Three shells shot simultaneously and spread across sky

Mad Bomber
Fireworks Productions

Yorkville IL

3 INCH SHELLS

36 Guandu

Red Peony w/Red Tail
Green & Purple Peony w/Tail
Green & Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red Stars w/1000Green w/Tail
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Color Flower Rain w/Silver Tail

12 Yung Feng

White Twinkling Chrysanthemum
Variegated Cycas Bloom
Green Chrysanthemum w/Crackling
Golden Silk Chrysanthemum
Red Cherry Blossom w/Tail
Nishiki Kamuro
Crackling Nishiki Kamuro
Golden Wave to Purple Chrysanthemum
Glittering Silver to Red Chrysanthemum
Reddish Gamboge to Silver Chrysanthemum
Nishiki Kamuro Niagra Falls
Silver Willow

Mad Bomber
Fireworks Productions

Yorkville IL

3 INCH SHELLS * main body

72 **Wizard Brand**

Silver Strobe
USA Style Titanium Whistle Cannister
Red to Crackling Chrysanthemum
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Blue to Red Flash
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Firefly Waterfall w/Firefly Tail
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated
Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
Red White & Blue Peony
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

12 Titanium Salute

Mad Bomber
Fireworks Productions

Yorkville IL

4 INCH SHELLS * main body

36 Guandu

Red Peony w/Red Tail
Red Chrysanthemum w/tail
Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red to Crackling
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Red Peony wCrackling Pistil

18 Dominator

Green Peony w/Palm Core & Tail
Red Peony w/Glitt Coco Core & Tail
Purple Peony w/Green Pistil & Pur Tail
Vareigated Chrysanthemum w/Blue Tail
Spangle Chrysanthemum w/Red Tail
Crack Flower Chrys w/Crack Tail
1/2 Yellow 1/2 Blue w/Blue Tail
Color Wave w/Silver Tail
Gold Wave Green Strobe Chrys
Glitt Silver to Green to Red
Red and Spangle Chrysanthemum
Silver Strobe w/Strobe Tail
Brocade Crown to Crackling w/Crack Tail
Yellow to Crackling w/Crack Tail
Vareigated Color to Crack Flower
Green Ring w/Green Tail
Crackling Willow w/Gold Tail
Crackling Palm Tree w/Crackling Tail

Mad Bomber
Fireworks Productions

Yorkville IL

4 INCH SHELLS * main body

72 Wizard Brand

Blue to Flash w/Coco Pistil
Blue Cherry Blossom w/ Silver Tail
Brocade Crown w/Silver Tail
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Red Cherry Blossom
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Crackling Nishiki Kamuro
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated
Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
3 Concentric Ring
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

Mad Bomber
Fireworks Productions

Yorkville IL

4 INCH SHELLS * main body

18 Jinsheng

Chrys w/Rthree Section Time Rain w/Coco Pistil
Red Strobe w/Blue Sky w/Rising Tail
Silver Coconut w/ Glittering
Sun Ring w/ Rising Tail
Double Half Red to Red
Yellow Cycas w/Rising Tail
Red to Green Crossette Ring
Silver Wave w/Special Green Strobe
Thousand Red w/Time Rain
Blue Peony to Brocde w/Palm Core
Flower Wave to Purple w/Rising Tail
Glittering Silver to Blue to Green
Green Cherry Blossom
Red Peony w/Rising Tail
Yellow Peony w/Green Pistil
Green to Flickering
Ring w/ Multi Color Flower
Kaleidoscope w/Waterfall

18 Yuan Yang

Color Diadem w/Gold Tail
Gold Silk Chrysanthemum
Golden Willow w/Flare Moons
Color Palm Tree w/Crown Flowers
Nishiki Kamuro w/Color Tips
Crackling Nishiki Kamuros
Eight Hearts w/Rising Purple Flowers
Revolving Dragons w/Blooms
Thousand Color Titanium Salutes
Silver Crossette in Red & Blue Peony
Nishiki Kamuro w/Niagra Falls

Mad Bomber
Fireworks Productions

Yorkville IL

5 INCH SHELLS * main body

18 Pheasant

Chrys w/Red to Green Ring
Silver Crackling Palm Tree
Purple Wave
Red Flower Rain
Gold Wave to Aqua
Smiley Face
Brocade Butterfly
Sea Blue and Lemon Dahlias
Blue Palm Tree
Blue Peony w/Silver Core
Gold Diadem Willow
Gold Wave to Purple to Green
Silver Crown w/Small Red Flowers
Ripples to Vareigated Wave
Crackling to Sil Crossette
China Storm
White Strobing
Yellow Peony
Red to Purple to Green Peony
Red Peony w/Glitt Gold Palm Tree Core
Gold Wave to Red to Green
Green to Yellow w/Yellow to Green Pist
Yellow Peony w/Blue Palm Tree Core
Silver Wave to Green to Crackling

12 Yeng Feng

Glitt Sil to Blue to Red w/Reports
Gold Wave to Red to Blue Flickering
Colored Diadem
Sil Nishiki Kamuro w/Blue Pistil
Eight Hearts w/Tail
Purple Sunflower w/Tail
Sil Coconut Tree w/Red Flowers
Gold Coconut Tree w/Blue Blooms
Aqua Peony
RWB to 5 Report
Gold Coco to Red Crown Flower
Red Gamboge to Red to Blue Chrys
GW to Purple Chrys w/Red to Sil Pistil
Spangle Chrys w/Crackling Blue Pistil
Nishiki Kamuro w/Tail
Twinkling Silver Willow
Revolving Dragons w/Red Flowers
Twinkling Coconut Crossette
Bright Red Diadem
Green Twinkling Willow
Green Meteor
Variegated Flowers

5 INCH SHELLS

Yorkville IL

5 INCH SHELLS * main body

48 Wizard

Brocade Waterfall w/Tail
Brocade Crown Chrysanthemum
3 Concentric Ring w/Crack Pistil
Silver Strobing w/Tail
RWB USA Style Cannister w/Tail
Happy Face w/Tail
Glitt Sil to Blue w/Green Pistil
Saturn Giant Blue Peony
Glitt Sil to Blue w/Red Pistil
Glitt Sil to Red w/Blue Pistil
Red Crossette Palm Tree w/tail
Silver Crossette Palm Tree w/Tail
Gold Crossette Palm Tree w/Tail
Giant Brocade Crossette Palm Tree
Five Concentri Ring
Gold Strobes w/tail
1/2 Red 1/2 Blue Chrys w/ Broc Cross Pistil
Saturn Giant Red Peony w/Brocade Ring
Sil to Blue Chrys w/Red Pistil
Blue to Green Peony w/Coco Pistil
Three Ring w/Pistil
Schreecher Cannister
RWB Peony w/Coco Pistil
Green Strobes w/Tail
Nishiki Kamuro to Purple w/Tail
Purple Peony w/ Crossette Brocade Pistil
New Color Rainbow w/Gold Strobe Pistil
China StormGlittering Coconut Tree
Glitt Sil to Purple Peony w/Green Pistil
Crackling Green Palm w/Blue Flowers
Brocade Crossetting Palm Tree w/Broc Tail
Gold Tails to Green Palm w/Sil Tail
Crackling Glitter Palm w/Crack Tail
Ti Whistle Ring w/Red & Blue Cannister Shell
Glitt Sil to Blue Chrys w/Broc Red Pistil
Brocade Waterfall w/Silver Leaves
Gold Coconut to Green Flowers
Giant Gold Octopus w/Red Eyes & Bro Ring
Giant Green Peony w/Brocade Ring
Gold Chrys w/Rainbow Ring
Gold Crossette Palm w/Trunk
Glittering Silver
Red Peony w/Blue Pistil
Red to Blue Peony w/Coco Pistil
Brocade to Red to Blue Chrys
Gold Peony w/Blue Pistil
Red Strobes w/Tail
Giant Z Willow Palm w/Z Willow Tail

5 INCH SHELLS

Yorkville IL

Finale

228 2.5" Assorted Willows

300 3" Finale Shells

Dominator Color Finale
Dominator Specialty Finale
Kanto Mag Color Finale
Kanto Comet and Color Finale
Kanto Premium Color Finale
Vulcan Red White and Blue Finale
Vulcan Twilight Glitter Finale
Wizard Color Finale
Wizard Specialty Finale
Wizard Brocade Crown Finale
Wizard Glittering Silver Finale
Wizard Gold Cycs Finale

36 3" Titanium Salutes

48 4" Finale Shells

Vulcan Color Finale
Vulcan Twilight Glitter Finale
Wizard White Strobe Waterfall Finale
Wizard Assorted Ring Finale
Wizard Color Finale
Kanto Color Finale
Kanto Gold Brocade Finale

14 5" Assorted Color Chrysanthemums

Mad Bomber
Fireworks Productions

MAD BOMBER

FIREWORK PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 HUPP RD R-3-1 LAPORTE IN 46350
PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

YORKVILLE
PROPOSAL
HOLIDAY CELEBRATION

MAD BOMBER FIREWORKS PRODUCTIONS IS PLEASED TO PRESENT FOR YOUR CONSIDERATION THIS EXCEPTIONAL PROPOSAL FOR A SPECTACULAR FIREWORKS SHOW TO BE PRESENTED FOR YOUR HOLIDAY CELEBRATION.

FIREWORKS SHOW	$7,400.00
PROFESSIONAL PRESENTATION	INCLUDED
$10,000,000 LIABILITY INSURANCE	INCLUDED
POST DISPLAY CLEANUP	INCLUDED
EARNEST MONEY DEPOSIT	$WAIVED
BALANCE DUE AFTER PRESENTATION	$7,400.00

Mad Bomber Fireworks will also supply the following:
1. We will help secure all permits. Buyer responsible for permit costs.
2. CDL driver with a Hazmat endorsement.
3. Registered with the USDOT to haul hazmat. (mandatory by Federal Law)
4. Carry $5,000,000.00 auto insurance to haul hazmat. (mandatory by Federal Law)
5. Haul hazmat material in a properly placarded vehicle.

Randall McCasland
Randy McCasland

Yorkville IL
Holiday

SPECIALTY BARRAGES

600 Shot Glittering Silver Mine to Silver Twinkle
300 Shot Red and Green Xsette and Crackling
126 Shot Golden Cocount to Silver Tourbillion
200 Shot Silver Mnes to Blue Peonies
168 Shot Gold Brocade Mine to Colorful Tips
300 Shot Xmas Tree
150 Crack Chrys to Crack Chrys

SPECIALTY BARRAGES

Mad Bomber
Fireworks Productions

Yorkville
Holiday

24 2.5" SPECIALTY SHELLS

6 Green Strobes
6 Red Strobes
3 Twilight Gold Brocade
3 Red to Green Peonies
3 Glittering Silver
3 Gold Strobes

18 3" SPECIALTY SHELLS

3 Red Strobes
3 Silver Xsette
3 Green Strobe
3 Gold Brocade Crown
3 Red to Green Peony
3 Green Xsette
3 Red Xsette

Mad Bomber
Fireworks Productions

Yorkville
Holiday

2.5 INCH SHELLS * main body

24 Yuan Yang

Red Peony w/Red Tail
Green & Purple Peony w/Tail Green
Blue Peony w/Green Tail Yellow
Peony w/Red Palm Core Gold
Wave to Variegated Chrys. Green
Strobe w/Green Tail
Red Stars w/1000
Green w/Sil Tail
Red Rain w/Crackling & Red Tail Silver
Spider Web
Purple Peony w/Silver Tail
Gold Wave to Purple Chrys. w/Tail
Blue Peony w/Silver Palm Tree Core
Dragon Eggs to Gold Crackling w/Tail
Blue Chrysanthemum w/Silver Tail
Crackling Palm Tree w/Crackling Tail
Purple Willow
Ripples to Blue Wave w/Gold Tail
Color Flower Rain w/Silver Tail

24 Vulcan

Saphire Blue to Twilght Glitter
Pink Chrysanthemum
Saphire Blue Cascade Grasshopper
Green to Coral Yellow Green Strobe
Cardinal Purple Peony
Saphire Blue w/Midnight Snow Pistil
Twilight Glitter to Ruby
Blue to Red Double Ring w/Bowtie
Multi Color Chrys
Blue to Crackling Rain
Aqua Peony w/Orange Pistil
Aqua Chrysanthemum
Coral Yellow Chrysanthemum
Orange to Blue Chrysanthemum
Tri Color Double Layer Ring
Crackling Palm Tree w/Crackling Tail

2.5 INCH SHELLS

Mad Bomber
Fireworks Productions

Yorkville
Holiday
2.5 INCH SHELLS * main body

36 Wizard

Golden Spangle to Half Red Half Blue
Red to CracklingChrysanthemum
Yellow to Crackling Chrysanthemum
Red to Silver Peony w/Blue Pistil
Glittering Silver to Red Chrysanthemum
Glittering Silver to Green Chrysanthemum
Glittering Silver to Blue Chrysanthemum
Blue Ring w/Crackling Pistil
Green Crackling Coconut w/Pistil
Green & Gold Glittering Chrysanthemum
Blue to Red Flash
Green Peony w/Purple Pistil
Blue to Crackling Chrysanthemum
Red to Blue w/Coco Pistil
Glittering Silver to Yellow Peony
Glittering Silver to Purple Peony
Glittering Silver to Variegated Peony
Blue Crackling Coconut w/Tail
Red Crackling Coconut w/Tail
Purple & Gold Glittering Chrysanthemum
Blue Ring w/Silver Fish Pistil

36 Jinshan

Peach Chrysanthemum
Yellow Peony
Pink Peony
Lemon Chrysanthemum
Water Color Peony
Red to Silver Peony
Purple to Silver Peony
Blue to Silver Peony
Orange Wave
Purple Wave
Red wave
Blue to Red Peony
Silver Wave Red Chrysanthemum
Golden Wave Yellow
Red Strobe
White Strobe
Green Strobe
Red to Crackling Dahlia
Big Silver Chrysanthemum
Brocade Crown
Red Ring
Green Ring
Yellow Bee Crackling
Silver Bee Crackling

Mad Bomber
Fireworks Productions

Yorkville
Holiday

3 INCH SHELLS

36 Dominator

Red Peony w/Red Tail
Green & Purple Peony w/Tail
Green & Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red Stars w/1000Green w/Tail
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Color Flower Rain w/Silver Tail

24 Vulcan

Green Peony w/Palm Core & Tail
Red Peony w/Glitt Coco Core & Tail
Purple Peony w/Green Pistil & Pur Tail
Vareigated Chrysanthemum w/Blue Tail
Spangle Chrysanthemum w/Red Tail
Crack Flower Chrys w/Crack Tail
1/2 Yellow 1/2 Blue w/Blue Tail
Orange to Blue Chrysanthemum
Gold Wave Green Strobe Chrys
Glitt Silver to Green to Red
Red and Spangle Chrysanthemum
Silver Strobe w/Strobe Tail
Multi Color Chrysanthemum
Yellow to Crackling w/Crack Tail
Vareigated Color to Crack Flower
Ruby Red Peony
Blue to Crackling Rain
Crackling Palm Tree w/Crackling Tail

12 Yung Feng

White Twinkling Chrysanthemum
Variegated Cycas Bloom
Green Chrysanthemum w/Crackling
Golden Silk Chrysanthemum
Red Cherry Blossom w/Tail
Nishiki Kamuro
Crackling Nishiki Kamuro
Golden Wave to Purple Chrysanthemum
Glittering Silver to Red Chrysanthemum
Reddish Gamboge to Silver Chrysanthemum
Nishiki Kamuro Niagra Falls
Silver Willow

Mad Bomber
Fireworks Productions

Yorkville
Holiday

3 INCH SHELLS * main body

36 Wizard Brand

Silver Strobe
USA Style Titanium Whistle Cannister
Red to Crackling Chrysanthemum
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Blue to Red Flash
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Firefly Waterfall w/Firefly Tail
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated

Dark Salute
Titanium Salute

Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
Red White & Blue Peony
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

Mad Bomber
Fireworks Productions

Yorkville IL
Holiday

Finale Shells

300 Gold Brocades

60 2.5" Finale Shells

Kanto Mag Green Finale Wizard
Comet and Color Finale Wizard
Assorted Color Finale Vulcan
Glittering Silver Finale Wizard
Titanium Salute Finale

108 3" Finale Shells

Kanto Mag Green Finale
Dominator Color Finale
Dominator Specialty Finale
Dominator Transformation Finale
Freedom Golden Cycas Finale
Freedom Comet Color Cycas Finale
Kanto Comet and Color Finale
Kanto Premium Color Finale Vulcan
Red White and Blue Finale Vulcan
Twilight Glitter Finale Wizard Color Finale
Wizard Specialty Finale
Wizard Brocade Crown Finale
Wizard Glittering Silver Finale Wizard
Coconut Palm Finale Wizard White Strobe Finale
Wizard Color Ring Finale

MAD BOMBER

FIREWORK PRODUCTIONS

KINGSBURY INDUSTRIAL PARK 3999 HUPP RD R-3-1 LAPORTE IN 46350
PHONE (219) 393-5051 Toll Free (877) MAD-BOMB FAX (219)393-3177

YORKVILLE
PROPOSAL
ST PATRICK'S

MAD BOMBER FIREWORKS PRODUCTIONS IS PLEASED TO PRESENT FOR YOUR CONSIDERATION THIS EXCEPTIONAL PROPOSAL FOR A SPECTACULAR FIREWORKS SHOW TO BE PRESENTED FOR YOUR ST PATRICK'S DAY CELEBRATION.

FIREWORKS SHOW	$7,400.00
PROFESSIONAL PRESENTATION	INCLUDED
$10,000,000 LIABILITY INSURANCE	INCLUDED
POST DISPLAY CLEANUP	INCLUDED
EARNEST MONEY DEPOSIT	$WAIVED
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3. Registered with the USDOT to haul hazmat. (mandatory by Federal Law)
4. Carry $5,000,000.00 auto insurance to haul hazmat. (mandatory by Federal Law)
5. Haul hazmat material in a properly placarded vehicle.

Randall McCasland
Randy McCasland

Yorkville IL
St Patrick's

SPECIALTY BARRAGES

600 Shot Green Z Comet to Green Palm
300 Shot Color Xsette and Crackling
126 Shot S & I Coconut w/Turbillion
200 Shot Whistle and Silver Fish Tail
168 Shot Special Gold Barrage Wall
180 Shot Green Xsette with Green Mines
200 Shot Crack Chrys to Crack Chrys

SPECIALTY BARRAGES

Mad Bomber
Fireworks Productions

Yorkville
St Patrick's

24 2.5" SPECIALTY SHELLS

6 Green Strobes
6 Green Chrysanthamus
3 Silver to Green Peonies
3 Red to Green Peonies
3 Glittering Silver
3 Multi Color Chrysanthemums

18 3" SPECIALTY SHELLS

3 Green Sound Ring
3 Green Xsette
3 Green Strobe
3 Yellow to Green Peony
3 Red to Green Peony
3 Silver Serpents w/Mag Colors
3 Red Xsette

Mad Bomber
Fireworks Productions

Yorkville
St Patrick's

2.5 INCH SHELLS * main body

24 Yuan Yang

Red Peony w/Red Tail
Green & Purple Peony w/Tail Green
Blue Peony w/Green Tail Yellow
Peony w/Red Palm Core Gold
Wave to Variegated Chrys. Green
Strobe w/Green Tail
Red Stars w/1000
Green w/Sil Tail
Red Rain w/Crackling & Red Tail Silver
Spider Web
Purple Peony w/Silver Tail
Gold Wave to Purple Chrys. w/Tail
Blue Peony w/Silver Palm Tree Core
Dragon Eggs to Gold Crackling w/Tail
Blue Chrysanthemum w/Silver Tail
Crackling Palm Tree w/Crackling Tail
Purple Willow
Ripples to Blue Wave w/Gold Tail
Color Flower Rain w/Silver Tail

24 Vulcan

Saphire Blue to Twilght Glitter
Pink Chrysanthemum
Saphire Blue Cascade Grasshopper
Green to Coral Yellow Green Strobe
Cardinal Purple Peony
Saphire Blue w/Midnight Snow Pistil
Twilight Glitter to Ruby
Blue to Red Double Ring w/Bowtie
Multi Color Chrys
Blue to Crackling Rain
Aqua Peony w/Orange Pistil
Aqua Chrysanthemum
Coral Yellow Chrysanthemum
Orange to Blue Chrysanthemum
Tri Color Double Layer Ring
Crackling Palm Tree w/Crackling Tail

2.5 INCH SHELLS

Mad Bomber
Fireworks Productions

Yorkville
St Patrick's

2.5 INCH SHELLS * main body

36 Wizard

Golden Spangle to Half Red Half Blue
Red to CracklingChrysanthemum
Yellow to Crackling Chrysanthemum
Red to Silver Peony w/Blue Pistil
Glittering Silver to Red Chrysanthemum
Glittering Silver to Green Chrysanthemum
Glittering Silver to Blue Chrysanthemum
Blue Ring w/Crackling Pistil
Green Crackling Coconut w/Pistil
Green & Gold Glittering Chrysanthemum
Blue to Red Flash
Green Peony w/Purple Pistil
Blue to Crackling Chrysanthemum
Red to Blue w/Coco Pistil
Glittering Silver to Yellow Peony
Glittering Silver to Purple Peony
Glittering Silver to Variegated Peony
Blue Crackling Coconut w/Tail
Red Crackling Coconut w/Tail
Purple & Gold Glittering Chrysanthemum
Blue Ring w/Silver Fish Pistil

36 Jinshan

Peach Chrysanthemum
Yellow Peony
Pink Peony
Lemon Chrysanthemum
Water Color Peony
Red to Silver Peony
Purple to Silver Peony
Blue to Silver Peony
Orange Wave
Purple Wave
Red wave
Blue to Red Peony
Silver Wave Red Chrysanthemum
Golden Wave Yellow
Red Strobe
White Strobe
Green Strobe
Red to Crackling Dahlia
Big Silver Chrysanthemum
Brocade Crown
Red Ring
Green Ring
Yellow Bee Crackling
Silver Bee Crackling

Mad Bomber
Fireworks Productions

Yorkville
St Patrick's

3 INCH SHELLS

36 Dominator

Red Peony w/Red Tail
Green & Purple Peony w/Tail
Green & Blue Chrysanthemum w/Tail
Glittering Big Willow
Five Pieces Willow
Red Stars w/1000Green w/Tail
Yellow to Crackling
Silver Crown to Red
Silver Crown to Yellow
Golden Gamboge to Blue
Golden Gamboge to Green
Silver Strobe
Brocade Crown to Red
Brocade Crown to Blue
Ripples to Red
Ripples to Blue
Red Peony w/Strobe Pistil
Color Flower Rain w/Silver Tail

24 Vulcan

Green Peony w/Palm Core & Tail
Red Peony w/Glitt Coco Core & Tail
Purple Peony w/Green Pistil & Pur Tail
Vareigated Chrysanthemum w/Blue Tail
Spangle Chrysanthemum w/Red Tail
Crack Flower Chrys w/Crack Tail
1/2 Yellow 1/2 Blue w/Blue Tail
Orange to Blue Chrysanthemum
Gold Wave Green Strobe Chrys
Glitt Silver to Green to Red
Red and Spangle Chrysanthemum
Silver Strobe w/Strobe Tail
Multi Color Chrysanthemum
Yellow to Crackling w/Crack Tail
Vareigated Color to Crack Flower
Ruby Red Peony
Blue to Crackling Rain
Crackling Palm Tree w/Crackling Tail

12 Yung Feng

White Twinkling Chrysanthemum
Variegated Cycas Bloom
Green Chrysanthemum w/Crackling
Golden Silk Chrysanthemum
Red Cherry Blossom w/Tail
Nishiki Kamuro
Crackling Nishiki Kamuro
Golden Wave to Purple Chrysanthemum
Glittering Silver to Red Chrysanthemum
Reddish Gamboge to Silver Chrysanthemum
Nishiki Kamuro Niagra Falls
Silver Willow

Mad Bomber
Fireworks Productions

Yorkville
St Patrick's

3 INCH SHELLS * main body

36 Wizard Brand

Silver Strobe
USA Style Titanium Whistle Cannister
Red to Crackling Chrysanthemum
Blue Cycas w/ Gold Tail
Crackling Spider to Yellow w/Silver Tail
Silver to Green to Blue Peony w/Gold Tail
Red to Blue Peony w/Coco Pistil w/ Sil. Tail
Gold Silk w/Gold Tail
Purple Chrys. w/Coco Pistil w/Sil Tail
Green to Flash w/Coco Pistil
Blue to Red Flash
Brocade Crown w/Blue Pistil
Red Cycas Blossom
Purple Peony w/Gold Coco Pistil
Firefly Waterfall w/Firefly Tail
Silver Palm Tree w/Silver Tail
Green Peony w/Coco Pistil
Gittering Silver to Vareigated

Dark Salute
Titanium Salute

Glittering Sil to Red w/Blue Pistil w/Sil Tail
Glittering Sil to Blue w/Red Pistil w/Sil Tail
Bowtie w/Ring w/Sil Tail
Green Peony w/Purple Pistil w/Sil Tail
Red Chrys w/Blue Pistil w/Gold Tail
Glittering Coconut w/Glittering Tail
New Rainbow Color Dahlia
Blue USA Style Cannister
RWB Peony to Crack Chrys w/Gold Tail
Glittering Silver to Blue
Yellow Chrys w/Coco Pistil w/Sil Tail
Magenta Peony w/Palm Core
1/2 Red 1/2 Blue Chrysanthemum
Red White & Blue Peony
Red to Crackling
Silver Peony w/Green Pistil
Gold Spangle w/Purple Pistil
Silver Fish w/BlueRing

Mad Bomber
Fireworks Productions

Yorkville IL
St Patrick's

Finale Shells

300 Raindow Comets to Gold Palms

60 2.5" Finale Shells

Kanto Mag Green Finale Wizard
Comet and Color Finale Wizard
Assorted Color Finale Vulcan Red
White and Blue Finale Wizard
Titanium Salute Finale

108 3" Finale Shells

Kanto Mag Green Finale
Dominator Color Finale
Dominator Specialty Finale
Dominator Transformation Finale
Freedom Golden Cycas Finale
Freedom Comet Color Cycas Finale
Kanto Comet and Color Finale
Kanto Premium Color Finale Vulcan
Red White and Blue Finale Vulcan
Twilight Glitter Finale Wizard Color
Finale
Wizard Specialty Finale
Wizard Brocade Crown Finale
Wizard Glittering Silver Finale Wizard
Coconut Palm Finale Wizard White
Strobe Finale
Wizard Color Ring Finale

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	■
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #1

Tracking Number

PW 2021-09

Agenda Item Summary Memo

Title: Water Department Reports for September – December 2020 and January 2021

Meeting and Date: City Council – March 23, 2021

Synopsis: Monthly water reports to be approved by council per IEPA.

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-09

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Eric Dhuse (Name) Public Works (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

United City of Yorkville
WATER DEPARTMENT REPORT

September 2020
MONTH / YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	22,086,000
7	1527	1125	430	11,033,400
8	1384	840	447	14,141,000
9	1368	861	278	13,910,000
			TOTAL TREATED	61,170,4000

CURRENT MONTH'S PUMPAGE IS 17,389,4000 GALLONS **MORE THAN LAST MONTH**

1,258,700 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 2,039,013 GALLONS

DAILY MAXIMUM PUMPED: 2,732 GALLONS

DAILY AVERAGE PER CAPITA USE: 94.11 GALLONS

WATER TREATMENT:

CHLORINE: 1630 LBS. FED — CALCULATED CONCENTRATION: 3.46 MG/L

FLUORIDE: 0 LBS. FED — MEASURED CONCENTRATION: .94 MG/L

POLYPHOSPHATE: 1312 LBS. FED — CALCULATED CONCENTRATION: 0.98 MG/L

WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:
23 SATISFACTORY _____ UNSATISFACTORY (EXPLAIN)

FLOURIDE: 12 SAMPLE(S) TAKEN — CONCENTRATION: 0.98 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: ____ NUMBER OF LEAKS OR BREAKS REPAIRED: _____
MXU'S: 35 BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 7 COMMERCIAL: 1 INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:

United City of Yorkville
WATER DEPARTMENT REPORT

October 2020
MONTH **/** YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	16,860,000
7	1527	1125	430	10,054,000
8	1384	840	447	14,153,000
9	1368	861	278	14,575,000
			TOTAL TREATED	55,642,000

CURRENT MONTH'S PUMPAGE IS 5,528,400 GALLONS **LESS THAN LAST MONTH**

4,796,000 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,794,903 GALLONS

DAILY MAXIMUM PUMPED: 2,379 GALLONS

DAILY AVERAGE PER CAPITA USE: 83.08 GALLONS

WATER TREATMENT:

CHLORINE: 1482 LBS. FED — CALCULATED CONCENTRATION: 3.45 MG/L

FLUORIDE: 0 LBS. FED — MEASURED CONCENTRATION: 0.76 MG/L

POLYPHOSPHATE: 1231 LBS. FED — CALCULATED CONCENTRATION: 1.00 MG/L

WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:
23 SATISFACTORY _____ UNSATISFACTORY (EXPLAIN)

FLOURIDE: 8 SAMPLE(S) TAKEN — CONCENTRATION: 0.76 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 1 — NUMBER OF LEAKS OR BREAKS REPAIRED: 3
MXU'S: 8 — BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 25 — COMMERCIAL: 0 — INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:

United City of Yorkville
WATER DEPARTMENT REPORT

November 2020
MONTH **/** YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	281	13,017,000
7	1527	1125	430	7,936,200
8	1384	840	418	15,833,000
9	1368	861	200	11,734,000
			TOTAL TREATED	48,520,200

CURRENT MONTH'S PUMPAGE IS 7,121,800 GALLONS **LESS THAN LAST MONTH**

4,287,100 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,617,340 GALLONS

DAILY MAXIMUM PUMPED: 2,188,000 GALLONS

DAILY AVERAGE PER CAPITA USE: 78.18 GALLONS

WATER TREATMENT:

CHLORINE: 1118 LBS. FED CALCULATED CONCENTRATION: 2.86 MG/L

FLUORIDE: 0 LBS. FED MEASURED CONCENTRATION: 0.82 MG/L

POLYPHOSPHATE: 979 LBS. FED CALCULATED CONCENTRATION: .88 MG/L

WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:
23 SATISFACTORY _____ UNSATISFACTORY (EXPLAIN)

FLOURIDE: 8 SAMPLE(S) TAKEN CONCENTRATION: 0.82 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 0 NUMBER OF LEAKS OR BREAKS REPAIRED: 3
MXU'S: 15 BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 13 COMMERCIAL: 0 INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:

United City of Yorkville
WATER DEPARTMENT REPORT

December 2020
MONTH **/** YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	281	13,017,000
7	1527	1125	430	7,936,200
8	1384	840	449	15,833,000
9	1368	861	335	11,734,000
			TOTAL TREATED	48,520,200

CURRENT MONTH'S PUMPAGE IS 929,200 GALLONS **MORE THAN LAST MONTH**

4,461,000 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,595,142 GALLONS

DAILY MAXIMUM PUMPED: 2,274,000 GALLONS

DAILY AVERAGE PER CAPITA USE: 73.65 GALLONS

WATER TREATMENT:

CHLORINE: 1152 LBS. FED CALCULATED CONCENTRATION: 3.02 MG/L

FLUORIDE: 0 LBS. FED MEASURED CONCENTRATION: 1.03 MG/L

POLYPHOSPHATE: 1104 LBS. FED CALCULATED CONCENTRATION: 1.01 MG/L

WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:
23 SATISFACTORY _____ UNSATISFACTORY (EXPLAIN)

FLOURIDE: 8 SAMPLE(S) TAKEN CONCENTRATION: 1.03 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 3 NUMBER OF LEAKS OR BREAKS REPAIRED: 3
MXU'S: 43 BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 22 COMMERCIAL: 0 INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:

United City of Yorkville
WATER DEPARTMENT REPORT

January 2021
MONTH **/** YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	281	16,443,000
7	1527	1125	430	8,056,200
8	1384	840	449	16,609,000
9	1368	861	220	8,981,000
			TOTAL TREATED	50,089,200

CURRENT MONTH'S PUMPAGE IS 639,800 GALLONS **MORE THAN LAST MONTH**

4,023,200 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,615,781 GALLONS

DAILY MAXIMUM PUMPED: 2,198,000 GALLONS

DAILY AVERAGE PER CAPITA USE: 75.04 GALLONS

WATER TREATMENT:

CHLORINE: 1125 LBS. FED CALCULATED CONCENTRATION: 2.9 MG/L

FLUORIDE: 0 LBS. FED MEASURED CONCENTRATION: 0.84 MG/L

POLYPHOSPHATE: 1143 LBS. FED CALCULATED CONCENTRATION: 1.03 MG/L

WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:
23 SATISFACTORY _____ UNSATISFACTORY (EXPLAIN)

FLOURIDE: 12 SAMPLE(S) TAKEN CONCENTRATION: 0.84 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 0 NUMBER OF LEAKS OR BREAKS REPAIRED: 1
MXU'S: 15 BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 29 COMMERCIAL: 0 INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	■
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #2

Tracking Number

PW 2021-10

Agenda Item Summary Memo

Title: 2021 Road to Better Roads Program

Meeting and Date: City Council – March 23, 2021

Synopsis: 2021 Roads to Better Roads – Recommendation to Award

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-10

Type of Vote Required: Majority

Council Action Requested: Consideration of Contract Award

Submitted by: Brad Sanderson (Name) Engineering (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Lisa Pickering, City Clerk
Rob Fredrickson, Finance Director
Carri Parker, Purchasing Manager

Date: February 19, 2021
Subject: 2021 Roads to Better Roads Program

Bids were received, opened and tabulated for work to be done on the 2021 Roads to Better Roads Program at 10:00 a.m., February 19, 2021. Representatives of contractors bidding the project, the City, and our firm were in attendance. A tabulation of the bids and the engineer's estimate is attached for your information and record. The low bid was below our engineer's estimate and within the FY2022 budget.

We recommend the acceptance of the bid and approval of award be made to the low bidder, D. Construction, Inc. 1488 S. Broadway St. Coal City, IL 60416, in the amount of **$857,885.67.**

If you have any questions or require additional information, please let us know.

Resolution No. 2021-_____

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AUTHORIZING ACCEPTANCE OF A BID FROM D. CONSTRUCTION INC. FOR THE 2021 ROAD TO BETTER ROADS PROGRAM IN THE AMOUNT NOT TO EXCEED $857,885.67.

WHEREAS, the United City of Yorkville, Kendall County, Illinois (the "*City*") is a duly organized and validly existing municipality of the State of Illinois pursuant to the 1970 Illinois Constitution and the Illinois Municipal Code, as from time to time amended (65 ILCS 5/65-1-1-2, *et* seq.); and,

WHEREAS, the City solicited bids for work to be done on the 2021 Roads to Better Roads Program in accordance with the competitive purchasing process as required by City Code and the Illinois Procurement Code (30 ILCS 500 et.seq.); and

WHEREAS, based upon a review of the bids and a determination as to the qualifications of the bidders, it is recommended that the bid in the amount of $857,885.67 from the D. Construction, Inc., Coal City, Illinois, be accepted to perform the work for the 2021 Road to Better Roads Program for the City.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1. That the bid submitted by D. Construction, Inc. is hereby accepted in an amount not to exceed $857,885.67 and the Mayor and City Clerk are hereby authorized and directed on behalf of the United City of Yorkville to execute a contract containing the terms of the request for bid submitted by D. Construction, Inc. and to undertake any and all actions as may be required to implement the terms of the contract.

Section 2. That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

Attest:

_____

CITY CLERK

Engineering Enterprises, Inc.

Outstanding Service ~ Every Client ~ Every Day

BID TABULATION
2021 YORKVILLE ROAD PROGRAM
UNITED CITY OF YORKVILLE

		BID TABULATION BIDS RECD 2/19/2021		**D. CONSTRUCTION, INC.** 1488 S. Broadway Coal City, IL 60416		**BUILDERS PAVING LLC** 4413 Roosevelt Road, Suite 108 Hillside, IL 60162		**GENEVA CONSTRUCTION CO.** P.O. Box 998 Aurora, IL 60507		**ENGINEER'S ESTIMATE** 52 Wheeler Road Sugar Grove, IL 60554	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	SUPPLEMENTAL WATERING	UNIT	11.0	$ 0.01	$ 0.11	$ 0.01	$ 0.11	$ 0.01	$ 0.11	$ 100.00	$ 1,100.00
2	BITUMINOUS MATERIALS (TACK COAT)	POUND	24678.0	$ 0.01	$ 246.78	$ 0.01	$ 246.78	$ 0.01	$ 246.78	$ 0.10	$ 2,467.80
3	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	945.0	$ 10.00	$ 9,450.00	$ 5.00	$ 4,725.00	$ 15.00	$ 14,175.00	$ 15.00	$ 14,175.00
4	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	3157.0	$ 63.70	$ 201,100.90	$ 69.00	$ 217,833.00	$ 68.00	$ 214,676.00	$ 70.00	$ 220,990.00
5	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	3157.0	$ 63.70	$ 201,100.90	$ 69.00	$ 217,833.00	$ 68.00	$ 214,676.00	$ 70.00	$ 220,990.00
6	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5472.0	$ 6.60	$ 36,115.20	$ 6.00	$ 32,832.00	$ 6.90	$ 37,756.80	$ 7.50	$ 41,040.00
7	DETECTABLE WARNINGS	SQ FT	394.0	$ 33.00	$ 13,002.00	$ 30.00	$ 11,820.00	$ 25.00	$ 9,850.00	$ 30.00	$ 11,820.00
8	SIDEWALK REMOVAL	SQ FT	5474.0	$ 1.38	$ 7,554.12	$ 2.00	$ 10,948.00	$ 1.20	$ 6,568.80	$ 1.50	$ 8,211.00
9	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	12550.0	$ 2.65	$ 33,257.50	$ 2.85	$ 35,767.50	$ 3.00	$ 37,650.00	$ 3.00	$ 37,650.00
10	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	24000.0	$ 2.35	$ 56,400.00	$ 2.55	$ 61,200.00	$ 3.00	$ 72,000.00	$ 2.00	$ 48,000.00
11	CLASS D PATCHES, TYPE I, 3 INCH	SQ YD	14.0	$ 33.00	$ 462.00	$ 25.00	$ 350.00	$ 40.00	$ 560.00	$ 35.00	$ 490.00
12	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	77.0	$ 32.00	$ 2,464.00	$ 24.00	$ 1,848.00	$ 26.00	$ 2,002.00	$ 33.00	$ 2,541.00
13	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	251.0	$ 25.00	$ 6,275.00	$ 23.00	$ 5,773.00	$ 25.00	$ 6,275.00	$ 30.00	$ 7,530.00
14	CLASS D PATCHES, TYPE IV, 3 INCH	SQ YD	1476.0	$ 22.00	$ 32,472.00	$ 22.50	$ 33,210.00	$ 19.00	$ 28,044.00	$ 28.00	$ 41,328.00
15	CRACK ROUTING (PAVEMENT)	FOOT	100000.0	$ 0.02	$ 2,000.00	$ 0.01	$ 1,000.00	$ 0.02	$ 2,000.00	$ 0.01	$ 1,000.00
16	CRACK FILLING	POUND	33334.0	$ 1.32	$ 44,000.88	$ 1.19	$ 39,667.46	$ 1.20	$ 40,000.80	$ 1.40	$ 46,667.60
17	ROUTING AND SEALING CRACKS	FOOT	16546.0	$ 0.48	$ 7,942.08	$ 0.43	$ 7,114.78	$ 0.44	$ 7,280.24	$ 0.50	$ 8,273.00
18	MANHOLES TO BE ADJUSTED	EACH	22.0	$ 484.00	$ 10,648.00	$ 440.00	$ 9,680.00	$ 500.00	$ 11,000.00	$ 550.00	$ 12,100.00
19	INLETS TO BE ADJUSTED	EACH	25.0	$ 352.00	$ 8,800.00	$ 350.00	$ 8,750.00	$ 280.00	$ 7,000.00	$ 350.00	$ 8,750.00
20	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1.0	$ 2,500.00	$ 2,500.00	$ 400.00	$ 400.00	$ 3,500.00	$ 3,500.00	$ 1,750.00	$ 1,750.00
21	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	3.0	$ 880.00	$ 2,640.00	$ 800.00	$ 2,400.00	$ 850.00	$ 2,550.00	$ 650.00	$ 1,950.00
22	VALVE BOXES TO BE ADJUSTED	EACH	11.0	$ 275.00	$ 3,025.00	$ 275.00	$ 3,025.00	$ 350.00	$ 3,850.00	$ 400.00	$ 4,400.00

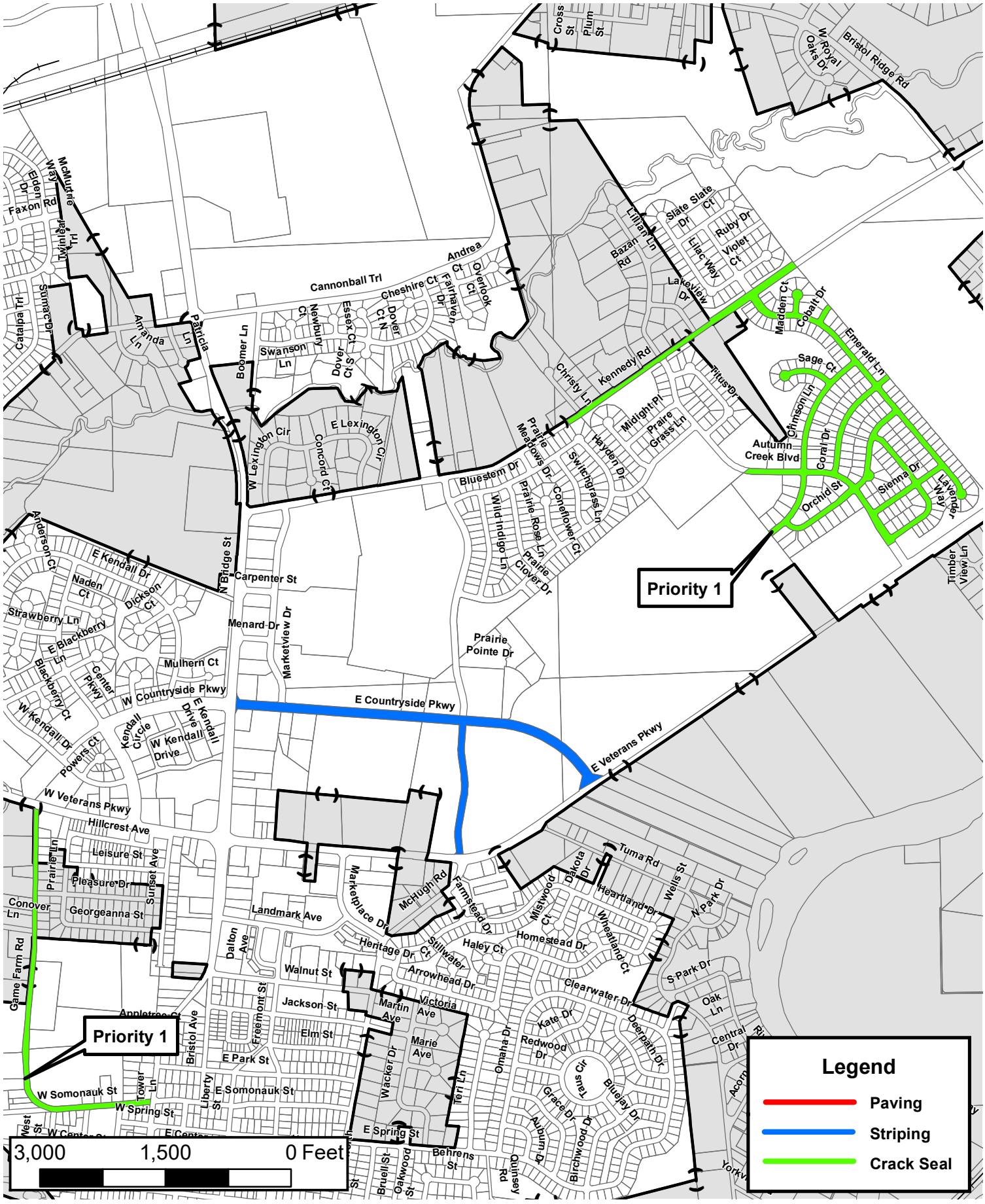
Engineering Enterprises, Inc.

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BID TABULATION
2021 YORKVILLE ROAD PROGRAM
UNITED CITY OF YORKVILLE

				BID TABULATION BIDS RECD 2/19/2021		**D. CONSTRUCTION, INC.** 1488 S. Broadway Coal City, IL 60416		**BUILDERS PAVING LLC** 4413 Roosevelt Road, Suite 108 Hillside, IL 60162		**GENEVA CONSTRUCTION CO.** P.O. Box 998 Aurora, IL 60507		**ENGINEER'S ESTIMATE** 52 Wheeler Road Sugar Grove, IL 60554	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
23	SANITARY MANHOLES TO BE ADJUSTED	EACH	19.0	$ 577.50	$ 10,972.50	$ 525.00	$ 9,975.00	$ 1,000.00	$ 19,000.00	$ 900.00	$ 17,100.00
24	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	10.0	$ 924.00	$ 9,240.00	$ 840.00	$ 8,400.00	$ 1,350.00	$ 13,500.00	$ 1,250.00	$ 12,500.00
25	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	71.0	$ 11.00	$ 781.00	$ 5.20	$ 369.20	$ 5.20	$ 369.20	$ 5.00	$ 355.00
26	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3849.0	$ 0.70	$ 2,694.30	$ 1.20	$ 4,618.80	$ 1.20	$ 4,618.80	$ 0.70	$ 2,694.30
27	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	385.0	$ 1.90	$ 731.50	$ 1.50	$ 577.50	$ 1.50	$ 577.50	$ 1.80	$ 693.00
28	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	142.0	$ 2.40	$ 340.80	$ 2.00	$ 284.00	$ 2.00	$ 284.00	$ 2.25	$ 319.50
29	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	90.0	$ 3.30	$ 297.00	$ 2.60	$ 234.00	$ 2.60	$ 234.00	$ 2.50	$ 225.00
30	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	67.0	$ 11.00	$ 737.00	$ 5.20	$ 348.40	$ 5.20	$ 348.40	$ 8.00	$ 536.00
31	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	540.0	$ 5.70	$ 3,078.00	$ 5.00	$ 2,700.00	$ 5.00	$ 2,700.00	$ 6.00	$ 3,240.00
32	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	7710.0	$ 0.86	$ 6,630.60	$ 0.78	$ 6,013.80	$ 0.78	$ 6,013.80	$ 1.20	$ 9,252.00
33	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5490.0	$ 1.32	$ 7,246.80	$ 1.20	$ 6,588.00	$ 1.20	$ 6,588.00	$ 1.50	$ 8,235.00
34	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	360.0	$ 1.43	$ 514.80	$ 1.65	$ 594.00	$ 1.65	$ 594.00	$ 2.50	$ 900.00
35	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	530.0	$ 2.40	$ 1,272.00	$ 2.50	$ 1,325.00	$ 2.50	$ 1,325.00	$ 4.00	$ 2,120.00
36	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	230.0	$ 5.70	$ 1,311.00	$ 5.00	$ 1,150.00	$ 5.00	$ 1,150.00	$ 8.00	$ 1,840.00
37	SODDING, SPECIAL	SQ YD	1223.0	$ 15.00	$ 18,345.00	$ 13.65	$ 16,693.95	$ 13.05	$ 15,960.15	$ 20.00	$ 24,460.00
38	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	171.0	$ 66.00	$ 11,286.00	$ 65.00	$ 11,115.00	$ 85.00	$ 14,535.00	$ 65.00	$ 11,115.00
39	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	76.0	$ 52.00	$ 3,952.00	$ 38.50	$ 2,926.00	$ 42.00	$ 3,192.00	$ 45.00	$ 3,420.00
40	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	2931.0	$ 31.90	$ 93,498.90	$ 31.00	$ 90,861.00	$ 37.00	$ 108,447.00	$ 35.00	$ 102,585.00
41	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	$ 3,500.00	$ 3,500.00	$ 1,690.72	$ 1,690.72	$ 8,000.00	$ 8,000.00	$ 3,500.00	$ 3,500.00
	TOTAL BID				**857,885.67**		**872,888.00**		**929,098.38**		**948,313.20**
	% BELOW/ABOVE ENGINEER'S ESTIMATE				-9.54%		-7.95%		-2.03%		

ENGINEERING ENTERPRISES, INC.
52 WHEELER ROAD, SUGAR GROVE, ILLINOIS

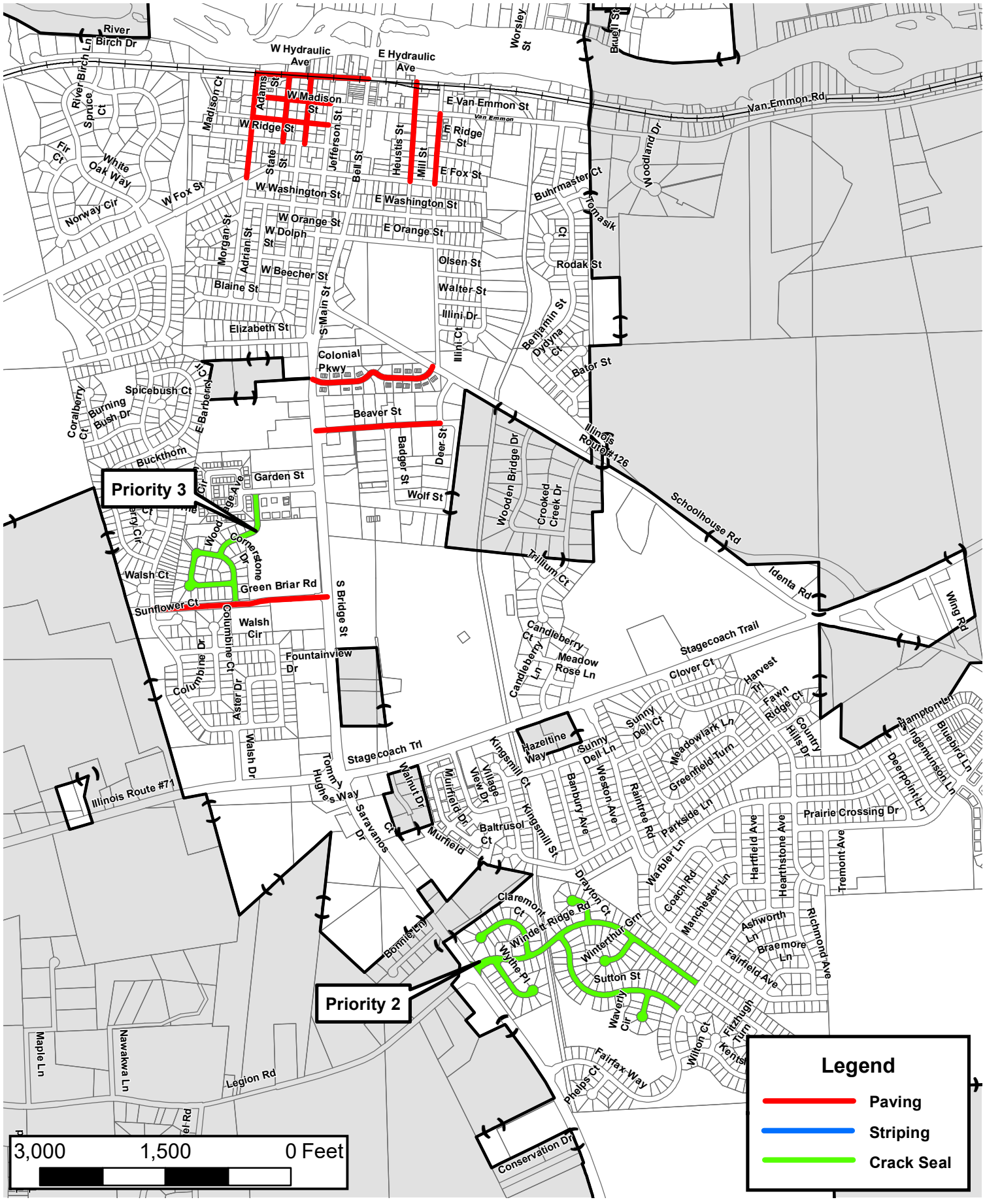


Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560
630-553-4350

DATE:	JANUARY 2021
PROJECT NO.:	YO2025
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO2025_Crack Seal Priority Exhibit.MXD

ROAD PROGRAM LOCATION MAP NORTH



Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560
630-553-4350

DATE:	JANUARY 2021
PROJECT NO.:	YO2025
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO2025_Crack Seal Priority Exhibit.MXD

ROAD PROGRAM LOCATION MAP SOUTH

N

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #3

Tracking Number

PW 2021-11

Agenda Item Summary Memo

Title: 2021 Road to Better Roads Program – Construction Engineering Agreement

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-11

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 11, 2020
Subject: Road to Better Roads Construction Engineering Agreement

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Summary

Approval of a construction engineering agreement with EEI for the 2021 Road to Better Roads (RTBR) program.

Background

This item was last discussed by the City Council in November 2020, when the City Council approved the design engineering contract for the 2021 RTBR program. Since that meeting, the roadway resurfacing specs have been finalized, the work has been bid out, and the contract award is ready to be approved by City Council. Accordingly, EEI has submitted an engineering agreement for our consideration for construction engineering.

The attached contract contains a $66,291 cost estimate based on the hourly rate allocations in attachment C. These amounts are included in the FY 22 budget. Construction is expected to occur in Summer 2022.

Recommendation

Staff recommends approval of the construction engineering agreement with EEI for the 2021 Road to Better Roads program.

2021 Roads to Better Roads Program
United City of Yorkville
Professional Services Agreement - Construction Engineering

THIS AGREEMENT, by and between the United City of Yorkville, hereinafter referred to as the "City" or "OWNER" and Engineering Enterprises, Inc. hereinafter referred to as the "Contractor" or "ENGINEER" agrees as follows:

A. Services:

ENGINEER agrees to furnish to the City the following services: The ENGINEER shall provide any and all necessary engineering services to the City as indicated on the included Attachment B. Construction Engineering for all roadways indicated on Attachments E & F will be provided. Engineering will be in accordance with all City and Illinois Department of Transportation requirements.

B. Term:

Services will be provided beginning on the date of execution of this agreement and continuing, until terminated by either party upon 7 days written notice to the non-terminating party or upon completion of the Services. Upon termination the ENGINEER shall be compensated for all work performed for the City prior to termination.

C. Compensation and maximum amounts due to ENGINEER:

ENGINEER shall receive as compensation for all work and services to be performed herein, an amount based on the Estimate of Level of Effort and Associated Cost included in Attachment C. Construction Engineering will be paid for as a Hourly Rate in the amount of $66,261. The hourly rates for this project are shown in the attached 2021 Standard Schedule of Charges (Attachment G). All payments will be made according to the Illinois State Prompt Payment Act and not less than once every thirty days.

D. Changes in Rates of Compensation:

In the event that this contract is designated in Section B hereof as an Ongoing Contract, ENGINEER, on or before February 1st of any given year, shall provide written notice of any change in the rates specified in Section C hereof (or on any attachments hereto) and said changes shall only be effective on and after May 1st of that same year.

E. Ownership of Records and Documents:

ENGINEER agrees that all books and records and other recorded information developed specifically in connection with this agreement shall remain the property of the City. ENGINEER agrees to keep such information confidential and not to disclose or disseminate the information to third parties without the consent of the City. This

confidentiality shall not apply to material or information, which would otherwise be subject to public disclosure through the freedom of information act or if already previously disclosed by a third party. Upon termination of this agreement, ENGINEER agrees to return all such materials to the City. The City agrees not to modify any original documents produced by ENGINEER without contractors consent. Modifications of any signed duplicate original document not authorized by ENGINEER will be at OWNER's sole risk and without legal liability to the ENGINEER. Use of any incomplete, unsigned document will, likewise, be at the OWNER's sole risk and without legal liability to the ENGINEER.

F. Governing Law:

This contract shall be governed and construed in accordance with the laws of the State of Illinois. Venue shall be in Kendall County, Illinois.

G. Independent Contractor:

ENGINEER shall have sole control over the manner and means of providing the work and services performed under this agreement. The City's relationship to the ENGINEER under this agreement shall be that of an independent contractor. ENGINEER will not be considered an employee to the City for any purpose.

H. Certifications:

Employment Status: The Contractor certifies that if any of its personnel are an employee of the State of Illinois, they have permission from their employer to perform the service.

Anti-Bribery : The Contractor certifies it is not barred under 30 Illinois Compiled Statutes 500/50-5(a) - (d) from contracting as a result of a conviction for or admission of bribery or attempted bribery of an officer or employee of the State of Illinois or any other state.

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of $600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

Felony Certification: The Contractor certifies that it is not barred pursuant to 30 Illinois Compiled Statutes 500/50-10 from conducting business with the State of Illinois or any agency as a result of being convicted of a felony.

Barred from Contracting : The Contractor certifies that it has not been barred from contracting as a result of a conviction for bid-rigging or bid rotating under 720 Illinois Compiled Statutes 5/33E or similar law of another state.

Drug Free Workplace: The Contractor certifies that it is in compliance with the Drug Free Workplace Act (30 Illinois Compiled Statutes 580) as of the effective date of this contract. The Drug Free Workplace Act requires, in part, that Contractors, with 25 or more employees certify and agree to take steps to ensure a drug free workplace by informing employees of the dangers of drug abuse, of the availability of any treatment or assistance program, of prohibited activities and of sanctions that will be imposed for violations; and that individuals with contracts certify that they will not engage in the manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract.

Non-Discrimination, Certification, and Equal Employment Opportunity : The Contractor agrees to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is specifically incorporated herein. The Contractor shall comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). The Contractor agrees to incorporate this clause into all subcontracts under this Contract.

International Boycott: The Contractor certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act (30 ILCS 582).

Record Retention and Audits: If 30 Illinois Compiled Statutes 500/20-65 requires the Contractor (and any subcontractors) to maintain, for a period of 3 years after the later of the date of completion of this Contract or the date of final payment under the Contract, all books and records relating to the performance of the Contract and necessary to support amounts charged to the City under the Contract. The Contract and all books and records related to the Contract shall be available for review and audit by the City and the Illinois Auditor General. If this Contract is funded from contract/grant funds provided by the U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

United States Resident Certification: (This certification must be included in all contracts involving personal services by non-resident aliens and foreign entities in accordance with requirements imposed by the Internal Revenue Services for withholding and reporting federal income taxes.) The Contractor certifies that he/she is a: _x_ United States Citizen ___ Resident Alien ___ Non-Resident Alien The Internal Revenue Service requires that

taxes be withheld on payments made to non resident aliens for the performance of personal services at the rate of 30%.

Tax Payer Certification : Under penalties of perjury, the Contractor certifies that its Federal Tax Payer Identification Number or Social Security Number is (provided separately) and is doing business as a (check one): ___ Individual ___ Real Estate Agent ___ Sole Proprietorship ___ Government Entity ___ Partnership ___ Tax Exempt Organization (IRC 501(a) only) _x_ Corporation ___ Not for Profit Corporation ___ Trust or Estate ___ Medical and Health Care Services Provider Corp.

I. Indemnification:

ENGINEER shall indemnify and hold harmless the City and City's agents, servants, and employees against all loss, damage, and expense which it may sustain or for which it will become liable on account of injury to or death of persons, or on account of damage to or destruction of property resulting from the performance of work under this agreement by ENGINEER or its Subcontractors, or due to or arising in any manner from the wrongful act or negligence of ENGINEER or its Subcontractors of any employee of any of them. In the event that the either party shall bring any suit, cause of action or counterclaim against the other party, the non-prevailing party shall pay to the prevailing party the cost and expenses incurred to answer and/or defend such action, including reasonable attorney fees and court costs. In no event shall the either party indemnify any other party for the consequences of that party's negligence, including failure to follow the ENGINEER's recommendations.

J. Insurance:

The ENGINEER agrees that it has either attached a copy of all required insurance certificates or that said insurance is not required due to the nature and extent of the types of services rendered hereunder. (Not applicable as having been previously supplied)

K. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attachments. Except for those terms included on the attachments, no additional terms are included as a part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any manner other than by an agreement in writing signed by both parties. In the event that any provisions of this agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties. The list of attachments are as follows:

Attachment A:	Standard Terms and Conditions
Attachment B:	Scope of Services
Attachment C:	Estimate of Level of Effort and Associated Cost

Attachment D:	Anticipated Project Schedule
Attachment E:	Location Map North
Attachment F:	Location Map South
Attachment G:	2021 Standard Schedule of Charges

L. Notices:

All notices required to be given under the terms of this agreement shall be given mail, addressed to the parties as follows:

For the City:

City Administrator and City Clerk
United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

For the ENGINEER:

Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove Illinois 60554

Either of the parties may designate in writing from time to time substitute addresses or persons in connection with required notices.

Agreed to this _____day of _____, 2021.

United City of Yorkville:

_____
John Purcell
Mayor

_____
Lisa Pickering
City Clerk

Engineering Enterprises, Inc.:

_____
Brad Sanderson, P.E.
Chief Operating Officer / President

_____
Joseph W. Cwynar, P.E.
Senior Project Manager

ATTACHMENT A

STANDARD TERMS AND CONDITIONS

Agreement: These Standard Terms and Conditions, together with the Professional Services Agreement, constitute the entire integrated agreement between the OWNER and Engineering Enterprises, Inc. (EEI) (hereinafter "Agreement"), and take precedence over any other provisions between the Parties. These terms may be amended, but only if both parties consent in writing.

Standard of Care: In providing services under this Agreement, the ENGINEER will endeavor to perform in a matter consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under same circumstances in the same locality. ENGINEER makes no other warranties, express or implied, written or oral under this Agreement or otherwise, in connection with ENGINEER'S service.

Construction Engineering and Inspection: The ENGINEER shall not supervise, direct, control, or have authority over any contractor work, nor have authority over or be responsible for the means, methods, techniques sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety of the site, nor for any failure of a contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work.

The ENGINEER neither guarantees the performance of any contractor nor assumes responsibility for contractor's failure to furnish and perform the work in accordance with the contract documents.

The ENGINEER is not responsible for the acts or omissions of any contractor, subcontractor, or supplies, or any of their agents or employees or any other person at the site or otherwise furnishing or performing any work.

Shop drawing and submittal review by the ENGINEER shall apply to only the items in the submissions and only for the purpose of assessing if upon installation or incorporation in the project work they are generally consistent with the construction documents. OWNER agrees that the contractor is solely responsible for the submissions and for compliance with the construction documents. OWNER further agrees that the ENGINEER'S review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend or safety programs or precautions. The ENGINEER'S consideration of a component does not constitute acceptance of the assembled items.

The ENGINEER'S site observation during construction shall be at the times agreed upon in the Project Scope. Through standard, reasonable means the ENGINEER will become generally familiar with observable completed work. If the ENGINEER observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and OWNER for them to address.

Opinion of Probable Construction Costs: ENGINEER'S opinion of probable construction costs represents ENGINEER'S best and reasonable judgment as a professional engineer. OWNER acknowledges that ENGINEER has no control over construction costs of contractor's methods of determining pricing, or over competitive bidding by contractors, or of market conditions or changes thereto. ENGINEER cannot and does not guarantee that proposals, bids or actual construction costs will not vary from ENGINEER'S opinion of probable construction costs.

Copies of Documents & Electronic Compatibility: Copies of Documents that may be relied upon by OWNER are limited to the printed copies (also known as hard copies) that are signed or sealed by the ENGINEER. Files in electronic media format of text, data, graphics, or of other types that are furnished by ENGINEER to OWNER are only for convenience of OWNER. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, ENGINEER makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by ENGINEER at the beginning of the project.

Changed Conditions: If, during the term of this Agreement, circumstances or conditions that were not originally contemplated by or known to the ENGINEER are revealed, to the extent that they affect the scope of services, compensation, schedule, allocation of risks, or other material terms of this Agreement, the ENGINEER may call for renegotiation of appropriate portions of this Agreement. The ENGINEER shall notify the OWNER of the changed conditions necessitating renegotiation, and the ENGINEER and the OWNER shall promptly and in good faith enter into renegotiation of this Agreement to address the changed conditions. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement, in accordance with the termination provision hereof.

Hazardous Conditions: OWNER represents to ENGINEER that to the best of its knowledge no Hazardous Conditions (environmental or otherwise) exist on the project site. If a Hazardous Condition is encountered or alleged, ENGINEER shall have the obligation to notify OWNER and, to the extent of applicable Laws and Regulations, appropriate governmental officials. It is acknowledged by both parties that ENGINEER's scope of services does not include any services related to a Hazardous Condition. In the event ENGINEER or any other party encounters a Hazardous Condition, ENGINEER may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the project affected thereby until OWNER: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the Hazardous Condition; and (ii) warrants that the project site is in full compliance with applicable Laws and Regulations.

Consequential Damages: Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the OWNER nor the ENGINEER, their respective officers, directors, partners, employees, contractors, or subcontractors shall be liable to the other or shall make any claim for any incidental, indirect, or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of

income, loss of reputation, or any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract, and breach of strict or implied warranty. Both the OWNER and the ENGINEER shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.

Termination: This Agreement may be terminated for convenience, without cause, upon fourteen (14) days written notice of either party. In the event of termination, the ENGINEER shall prepare a final invoice and be due compensation as set forth in the Professional Services Agreement for all costs incurred through the date of termination.

Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days' written notice for the following reasons:

(a) Substantial failure by the other party to comply with or perform in accordance with the terms of the Agreement and through no fault of the terminating party;

(b) Assignment of the Agreement or transfer of the project without the prior written consent of the other party;

(c) Suspension of the project or the ENGINEER'S services by the OWNER for a period of greater than ninety (90) calendar days, consecutive or in the aggregate.

(d) Material changes in the conditions under which this Agreement was entered into, the scope of services or the nature of the project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.

Payment of Invoices: Invoices are due and payable within 30 days of receipt unless otherwise agreed to in writing.

Third Party Beneficiaries: Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the OWNER or the ENGINEER. The ENGINEER'S services under this Agreement are being performed solely and exclusively for the OWNER'S benefit, and no other party or entity shall have any claim against the ENGINEER because of this Agreement or the performance or nonperformance of services hereunder. The OWNER and ENGINEER agree to require a similar provision in all contracts with contractors, subcontractors, vendors and other entities involved in this Project to carry out the intent of this provision.

Force Majeure: Each Party shall be excused from the performance of its obligations under this Agreement to the extent that such performance is prevented by force majeure (defined below) and the nonperforming party promptly provides notice of such prevention to the other party. Such excuse shall be continued so long as the condition constituting force majeure continues. The party affected by such force majeure also shall notify the other party of the anticipated duration of such force majeure, any actions being taken to avoid or minimize its effect after such occurrence, and shall take reasonable efforts to remove the condition constituting such force majeure. For purposes of this Agreement, "force majeure" shall include conditions beyond the control of the parties, including an act of God, acts of terrorism, voluntary

or involuntary compliance with any regulation, law or order of any government, war, acts of war (whether war be declared or not), labor strike or lock-out, civil commotion, epidemic, failure or default of public utilities or common carriers, destruction of production facilities or materials by fire, earthquake, storm or like catastrophe. The payment of invoices due and owing hereunder shall in no event be delayed by the payer because of a force majeure affecting the payer.

Additional Terms or Modification: All prior understandings and agreements between the parties are merged into this Agreement, and this Agreement may not be modified orally or in any manner other than by an Agreement in writing signed by both parties. In the event that any provisions of this Agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties.

Assignment: Neither party to this Agreement shall transfer or assign any rights or duties under or interest in this Agreement without the prior written consent of the other party. Subcontracting normally contemplated by the ENGINEER shall not be considered an assignment for purposes of this Agreement.

Waiver: A party's waiver of, or the failure or delay in enforcing any provision of this Agreement shall not constitute a waiver of the provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

Attorney's Fees: In the event of any action or proceeding brought by either party against the other under this Agreement, the prevailing party shall be entitled to recover from the other all costs and expenses including without limitation the reasonable fees of its attorneys in such action or proceeding, including costs of appeal, if any, in such amount as the Court may adjudge reasonable.

Headings: The headings used in this Agreement are inserted only as a matter of convenience only, and in no way define, limit, enlarge, modify, explain or define the text thereof nor affect the construction or interpretation of this Agreement.

2021 Roads to Better Roads Program
United City of Yorkville
Professional Services Agreement - Construction Engineering

Attachment B – Scope of Services

Construction Engineering:

- Attend the Pre-Construction Conference with the Contractor
- Provide resident engineering for on-site observation
- Daily documentation of work tasks and calculation of installed pay items
- Monitor adherence to specifications
- Gather material inspection and coordinate any required testing on behalf of the City
- Provide guidance to the contractor when questions arise during construction
- Prepare/verify payment estimates
- Gather certified payrolls and waivers of lien
- Provide information to residents as required
- Perform punch list inspections, provide follow up inspections and recommend acceptance when appropriate
- Communicate activities with City weekly, or as required based on onsite activities
- Prepare necessary IDOT closeout paperwork
    - BLR13231 – Engineer's Final Payment Estimate
    - BLR13210 – Request for Approval of Change in Plans

Engineering Enterprises, Inc.

Outstanding Service ~ Every Client ~ Every Day

ATTACHMENT C - ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST
PROFESSIONAL ENGINEERING SERVICES

2021 ROADS TO BETTER ROADS PROGRAM
United City of Yorkville

WORK ITEM NO.	WORK ITEM	ENTITY: / PROJECT ROLE: / HOURLY RATE:	ENGINEERING: PRINCIPAL IN CHARGE $217	ENGINEERING: SENIOR PROJECT MANAGER $206	ENGINEERING: SENIOR PROJECT ENGINEER $162	ENGINEERING: PROJECT ENGINEER $147	SURVEYING: SENIOR PROJECT MANAGER $206	SURVEYING: PROJECT MANAGER $185	SURVEYING: PROJECT TECHNICIAN $158	DRAFTING: CAD MANAGER $158	DRAFTING: SENIOR PROJECT TECHNICIAN $147	ADMIN. ADMIN. $70	WORK ITEM HOUR SUMM.	COST PER ITEM
CONSTRUCTION ENGINEERING														
3.1	Contract Administration		2	3	40	-							45	$ 7,532
3.2	Construction Layout				40	-							40	$ 6,480
3.3	Observation and Documentation		1	2	280	-							283	$ 45,989
	Construction Engineering Subtotal:		**3**	**5**	**360**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**368**	**$ 60,001**
	PROJECT TOTAL:		**3**	**5**	**360**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**368**	**60,001**

DIRECT EXPENSES	
Printing =	$ -
Mileage	$ 1,260
Geotechnical (Rubino) =	
Material Testing (Rubino) =	$ 5,000
DIRECT EXPENSES =	**$ 6,260**

LABOR SUMMARY	
Engineering Expenses =	$ 60,001
Surveying Expenses =	$ -
Drafting Expenses =	$ -
Administrative Expenses =	$ -
TOTAL LABOR EXPENSES =	**$ 60,001**

TOTAL EXPENSES =	**$ 66,261**

Engineering Enterprises, Inc.

Outstanding Service ~ Every Client ~ Every Day

ATTACHMENT D:
ANTICIPATED PROJECT SCHEDULE

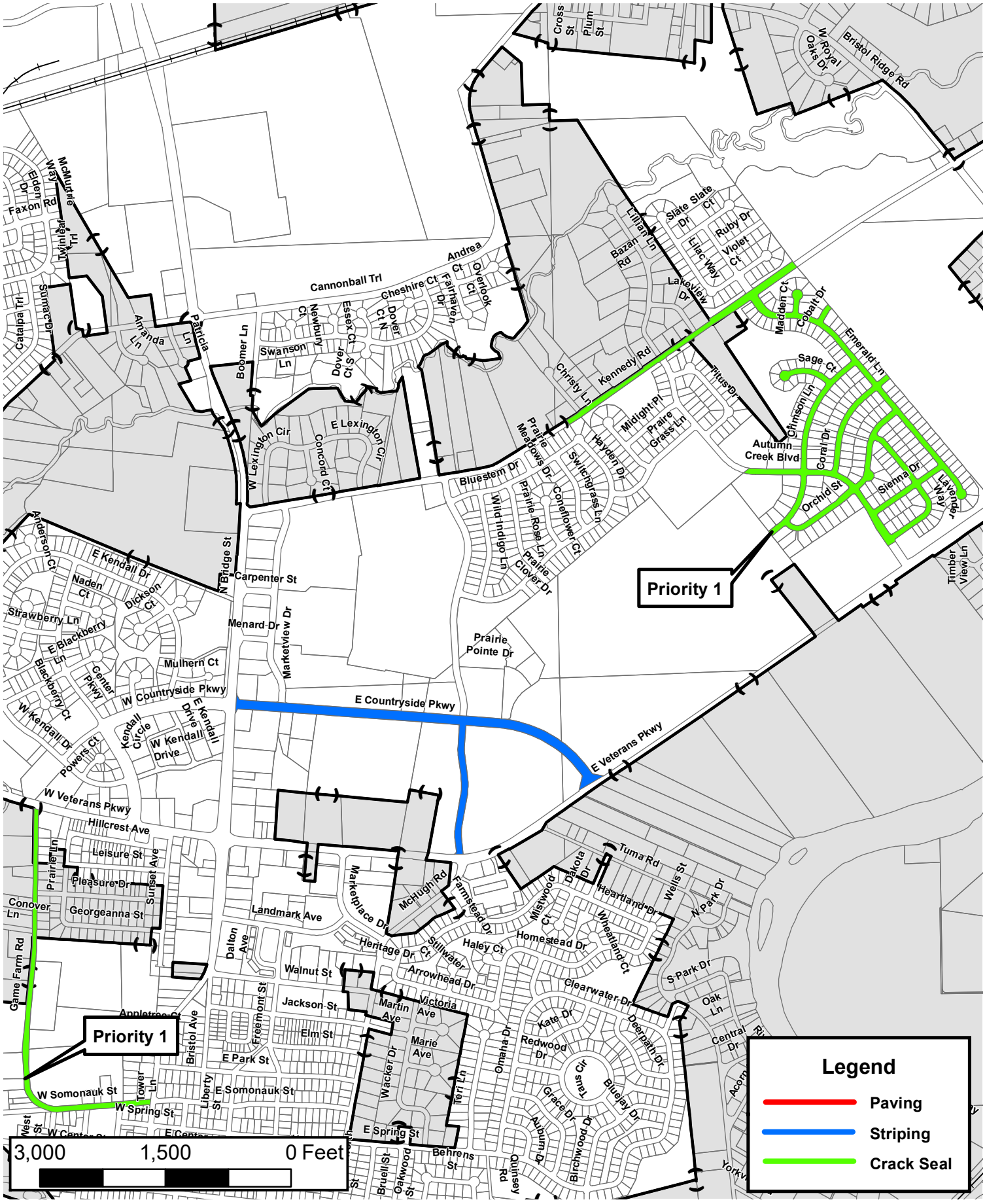
2021 ROADS TO BETTER ROADS PROGRAM
UNITED CITY OF YORKVILLE

WORK ITEM NO.	WORK ITEM	Year:	2021																													
		Month:	January				February				March				April				May				June				July				August				September			
		Week Starting:	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
CONSTRUCTION ENGINEERING																																						
3.1	Contract Administration																																					
3.2	Constructing Layout																																					
3.3	Observation and Documentation																																					

G:\Public\Yorkville\2020\YO2025-P 2021 Road Program\PSA\Construction PSA\[5 - Attachment D - Schedule.xls]ConstructionSche

Legend

- Project Management & QC/QA
- Meeting(s)
- Bidding and Contracting
- Preliminary
- Design Work Item
- Construction

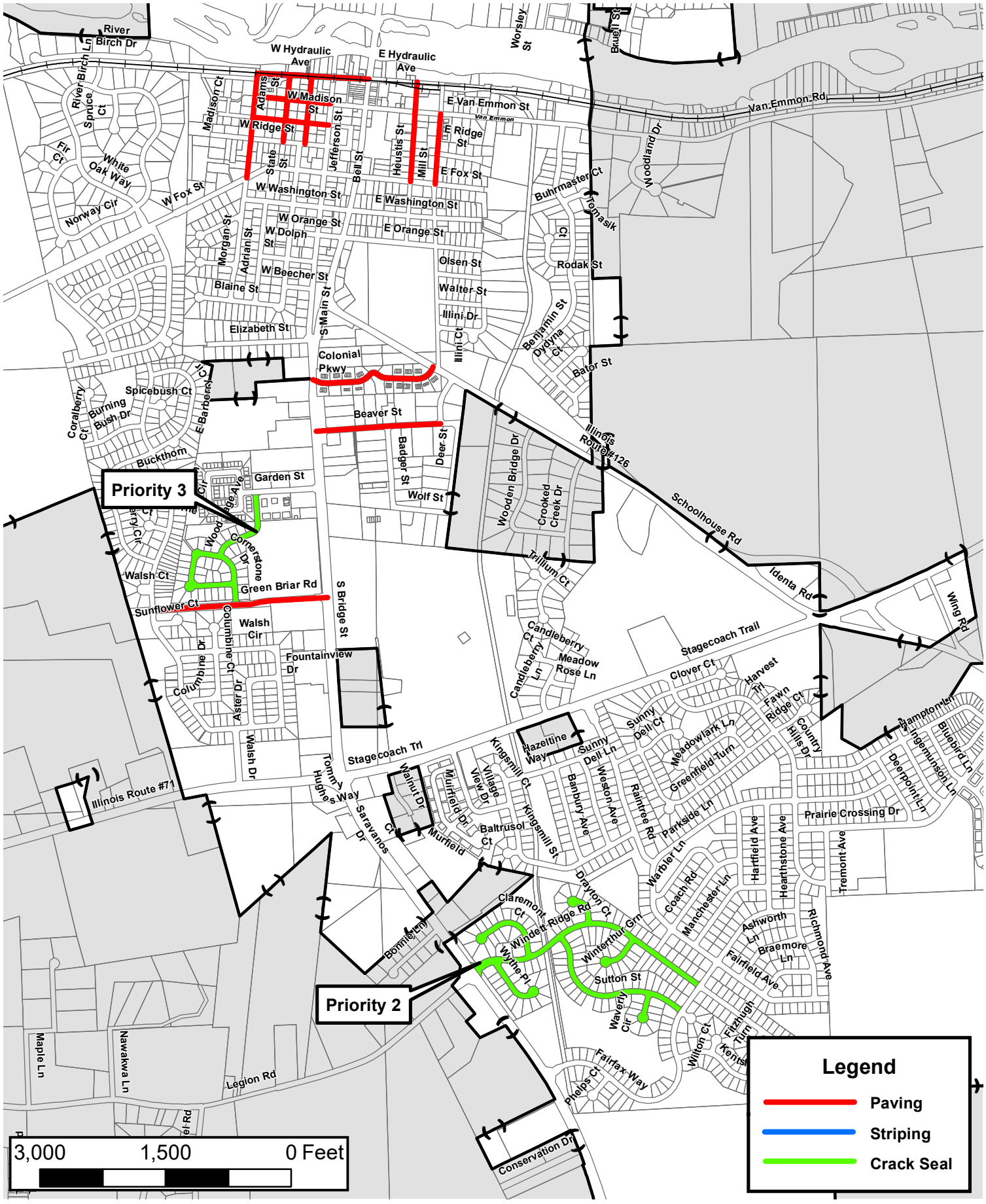


Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560
630-553-4350

DATE:	JANUARY 2021
PROJECT NO.:	YO2025
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO2025_Crack Seal Priority Exhibit.MXD

ATTACHEMENT E - ROAD PROGRAM LOCATION MAP NORTH



Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

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DATE:	JANUARY 2021
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FILE:	YO2025_Crack Seal Priority Exhibit.MXD

ATTACHMENT F - ROAD PROGRAM LOCATION MAP SOUTH

N

Standard Schedule of Charges

January 1, 2021

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	$217.00
Principal	E-3	$212.00
Senior Project Manager	E-2	$206.00
Project Manager	E-1	$185.00
Senior Project Engineer/Planner/Surveyor II	P-6	$174.00
Senior Project Engineer/Planner/Surveyor I	P-5	$162.00
Project Engineer/Planner/Surveyor	P-4	$147.00
Senior Engineer/Planner/Surveyor	P-3	$135.00
Engineer/Planner/Surveyor	P-2	$123.00
Associate Engineer/Planner/Surveyor	P-1	$110.00
Senior Project Technician II	T-6	$158.00
Senior Project Technician I	T-5	$147.00
Project Technician	T-4	$135.00
Senior Technician	T-3	$123.00
Technician	T-2	$110.00
Associate Technician	T-1	$ 97.00
GIS Technician	G-1	$100.00
Engineering/Land Surveying Intern	I-1	$ 79.00
Administrative Assistant	A-3	$ 70.00

VEHICLES. REPROGRAPHICS, DIRECT COSTS, DRONE AND EXPERT TESTIMONY

Vehicle for Construction Observation		$ 15.00
In-House Scanning and Reproduction	$0.25/Sq. Ft. (Black & White) $1.00/Sq. Ft. (Color)	
Reimbursable Expenses (Direct Costs)	Cost	
Services by Others (Direct Costs)	Cost + 10%	
Unmanned Aircraft System / Unmanned Aerial Vehicle / Drone		$ 200.00
Expert Testimony		$ 250.00

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #4

Tracking Number

PW 2021-12

Agenda Item Summary Memo

Title: Elizabeth Street and Appletree Court Water Main Improvements

Meeting and Date: City Council – March 23, 2021

Synopsis: Elizabeth Street and Appletree Court Water Main Improvements – Recommendation to Award

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-12

Type of Vote Required: Majority

Council Action Requested: Consideration of Contract Award

Submitted by: Brad Sanderson (Name) Engineering (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Lisa Pickering, City Clerk
Rob Fredrickson, Finance Director
Carri Parker, Purchasing Manager

Date: March 9, 2021
Subject: Elizabeth Street and Appletree Court Water Main Improvements

---

Bids were received, opened, and tabulated for work to be done on the Elizabeth Street and Appletree Court Water Main Improvements at 10:00 a.m., March 5, 2021. Representatives of contractors bidding the project, the City and our firm were in attendance. A tabulation of the bids and the engineer's estimate is attached for your information and record. The low bid was below our engineer's estimate and within the FY22 budget.

Two alternatives were proposed for construction of the water services. Alternate A is the lower cost; therefore, we are recommending this option which consists of both open cut and trenchless construction.

We recommend the acceptance of the Base Bid ($561,869.76) plus Alternate Bid A ($38,425.36) and approval of award be made to the low bidder, Stokes Excavating, Inc, 903 Daisyfield Road, Rockford, IL 61102 in the total amount of **$600,295.12.**

If you have any questions or require additional information, please let us know.

Resolution No. 2021-_____

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AUTHORIZING ACCEPTANCE OF A BID FROM STOKES EXCAVATING, INC., ROCKFORD, ILLINOIS FOR THE ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS IN THE AMOUNT NOT TO EXCEED $600,295.12

WHEREAS, the United City of Yorkville, Kendall County, Illinois (the "*City*") is a duly organized and validly existing municipality of the State of Illinois pursuant to the 1970 Illinois Constitution and the Illinois Municipal Code, as from time to time amended (65 ILCS 5/65-1-1-2, *et* seq.); and,

WHEREAS, the City solicited bids for work to be done on the Elizabeth Street and Appletree Court Water Main Improvements in accordance with the competitive purchasing process as required by City Code and the Illinois Procurement Code (30 ILCS 500 et.seq.); and

WHEREAS, based upon a review of the bids and a determination as to the qualifications of the bidders, it is recommended that the Base Bid in the amount of $561,869.76 plus the Alternative Bid A in the amount of $38,425.36 for a total bid in the amount of $600,295.12 from the Stokes Excavating, Inc., Rockford, Illinois, be accepted to perform the work for the Elizabeth Street and Appletree Court Water Main Improvements for the City.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1. That the bid submitted by Stokes Excavating , Inc. is hereby accepted in an amount not to exceed $600,295.12 which includes a Base Bid of $561,869.76 plus Alternative Bid A in the amount of $38,425.36; and, the Mayor and City Clerk are hereby authorized and directed on behalf of the United City of Yorkville to execute a contract containing the terms of the request

for bid submitted by Stokes Excavating, Inc. and to undertake any and all actions as may be required to implement the terms of the contract.

Section 2. That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____
CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____
MAYOR

Attest:

_____
CITY CLERK

INVITATION TO BID

Requesting:	Bid(s) for Elizabeth Street and Appletree Court Water Main Improvements
Issue Date:	February 18, 2021
Pre-Bid Meeting:	N/A
Pre-Bid Meeting Location:	N/A
Last Date for Questions:	March 1, 2021 by 9:00 AM
Addendum Posted:	March 3, 2021 by 12:00 PM
Bids Due:	Friday, March 5, 2021 at 10:00 AM
Public Bid Opening:	Zoom Meeting (see legal notice)
Note:	Illinois Prevailing Wage Act (820 ILCS 130/1-12) does apply

All questions concerning this solicitation shall be submitted via e-mail to Purchasing Manager before the date stated above. A written response in the form of a public addendum will be published on the City's website by the said date above.

Contact with anyone other than the Purchasing Manager for matters relative to this solicitation during the solicitation process is prohibited.

Contact for this bid:
Carri Parker, Purchasing Manager in writing at cparker@yorkville.il.us

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PERFORMANCE BOND 24

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APPENDIX A: EEI GENERAL CONDITIONS
APPENDIX B: SPECIAL PROVISIONS
APPENDIX C: HMA SPECIFICATIONS
APPENDIX D: IEPA WATER PERMIT
APPENDIX E: LPC -662
APPENDIX F: INSURANCE REQUIREMENTS
APPENDIX G: ENGINEERING PLANS

LEGAL NOTICE
INVITATION TO BID THE ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS

The United City of Yorkville will be accepting sealed bids for the Elizabeth Street and Appletree Court Water Main Improvements until Friday, March 5, 2021, at 10:00 AM local time.

Bids will be virtually opened and read aloud publicly on the same day and time by going to https://us02web.zoom.us/j/83341960409 or call (312) 626-6799 just prior to the meeting. When prompted, enter passcode 833 4196 0409 from your phone. You will hear the audio of the meeting through our webinar service.

Project Title: Elizabeth Street and Appletree Court Water Main Improvements
Bid No. 21-52520-001

Bids must be submitted electronically. All necessary documents are available through the City's bid portal www.demandstar.com. Downloading documents and submitting Bids requires registration with "DemandStar." If you are not already a member, you can obtain a FREE AGENCY SUBSCRIPTION to the United City of Yorkville account by going to www.demandstar.com/register.rsp. Instructions for DemandStar can be found on the City's website www.yorkville.il.us. Hard copy, emailed or faxed Bids will not be accepted.

Infrequent or first-time users of electronic bidding are recommended to upload their Bids 24 hrs. prior to due date. All technical questions regarding the use of DemandStar, must be emailed at least 48 hours before the due date to cparker@yorkville.il.us. All answers will be provided within 24 hours regarding technical issues within DemandStar.

Bidders are advised of the following requirements of this contract: 1. Applicability of Illinois Prevailing Wage Act, 2. 10% bid bond with the bid submittal, 3. 110% performance, labor and material payment bond on award of contract.

Questions regarding this legal notice or the bid package must be in writing and emailed directly to cparker@yorkville.il.us until Monday, March 1, 2021 at 9:00 AM local time. Responses will be posted in DemandStar by Wednesday, March 3, 2021 at 12:00 PM local time.

The bidder shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State, and City which may in any manner affect the preparation of bids or the performance of the contract.

Carri Parker
Purchasing Manager

GENERAL CONDITIONS

These General Conditions apply to all bids requested and accepted by the City and become a part of the contract unless otherwise specified. Bidders or their authorized representatives are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting bids. The City assumes that submission of a bid means that the Bidder has familiarized himself with all conditions and intends to comply with them unless noted otherwise.

1. Submittal of Bid

All bids must be submitted on the forms provided, complete with all blank spaces filled in and properly signed. All blank spaces for bid prices, unit costs and alternates must be filled in using both words and figures if indicated. In case of any discrepancy in the amount Bid, the prices expressed in written words shall govern. Bidders may attach separate sheets for the purpose of explanation, exception, or alternative bid and to cover required unit prices.

All bids must include the following documents:

A) Bid Cost Sheet
B) Subcontractor Listing
C) References
D) Signed and Witnessed Contract
E) Bid Bond

2. Examination of Bid Forms, Specifications, and Site

The bidder shall carefully examine the bid forms which may include the invitation to bid, instruction to bidders, general conditions, special conditions, plans, specifications, bid form, bond, contract, and any addenda to them, and sites of the proposed work (when known) before submitting the bid. The bidder shall verify all measurements relative to the work, shall be responsible for the correctness of the same. The bidder will examine the site and the premises and satisfy themselves as to the existing conditions under which the bidder will be obligated to operate. Failure of the bidder to notify the City, in writing, of any condition(s) or measurement(s) making it impossible to carry out the work as shown and specified, will be construed as meaning no such conditions exist and no additional sums of money will be added to the contract.

The submission of the bid shall be considered conclusive evidence that the bidder has investigated and is satisfied as to all conditions to be encountered in performing the work, and is fully informed as to character, quality, quantities, and costs of work to be performed and materials to be furnished, and as to the requirements of the bid forms. If the bid is accepted, the bidder will be responsible for all errors in his bid resulting from his failure or neglect to comply with these instructions, and the City shall not be responsible for any charge for extra work or change in anticipated profits resulting from such failure or neglect.

3. Scope of Work

The bidder shall supply all required supervision, skilled labor, transpiration, new materials, apparatus, and tools necessary for the entire and proper completion of the work. The bidder shall supply, maintain and remove all equipment for the performance of the work and be responsible for the safe, proper and lawful construction, maintenance and use of the same. This work shall be completed to the satisfaction of the City. The bidder shall provide adequate protection of the job site to protect the general public and adjacent property. The City is not responsible for site safety. The bidder is solely and exclusively responsible for construction means, methods, technologies and site safety.

4. Interpretation of Bid Documents

Questions regarding bid documents, discrepancies, omissions, or intent of the specifications or plans shall be submitted in writing to the Purchasing Manager at cparker@yorkville.il.us by the due date for questions noted in the legal notice. Any interpretations of the Contract Documents will be made only by addendum issued by the date listed in the legal notice. The City will not be responsible for any other explanations for interpretations of the Contract Documents.

Information (other than in the form of a written Addendum issued by the City) from any officer, agent, or employee of the City or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him from fulfilling any of the conditions and obligations set forth in the bid and other contract documents. Before the bids are opened, all modifications or additions to the bid documents will be made in the form of a written Addendum issued by the City. Any Addendum issued will be posted on the City's website. In the event of a conflict with the original contract documents, addenda shall govern all other contract documents to the extent specified. Subsequent addenda shall govern over prior addenda only to the extent specified.

The Bidder shall be required to acknowledge receipt of the formal Addendum by signing the Addendum and including it with the bid quotation. Failure of a Bidder to include a signed formal Addendum in its bid quotation shall deem its quotation non-responsive: provided, however, that the City may waive this requirement if it in its best interest.

5. Bid Guarantee

Unless specifically waived, each bid shall be accompanied by a bid security in an amount of ten percent (10%) or such other percentage as stated in the supplementary conditions of the full amount of the bid in the form of a certified or bank cashier's check or bid bond. In a reasonable time after the bid opening, bid deposits of all except the three lowest responsible bidders will be released. The remaining deposits will be released after the successful bidder has entered into the contract and furnished the required insurance and bonds. The bid deposit shall become the property of the City if the successful bidder within ten (10) days from awarding the contract refuses or is unable to comply with the contract requirements, not as a penalty, but as liquidated damages.

The bid bond must be uploaded with the bid documents through the Demandstar bid portal and the original must be mailed to: United City of Yorkville, Attn. Carri Parker, Purchasing Manager, 800 Game Farm Road, Yorkville, Illinois 60560.

6. **Completeness**

All information required by the Invitation to Bid must be supplied to constitute a responsive bid. The Bidder's submittal shall include the completed Bid Sheet found in the contract documents. The City will strictly hold the bidder to the terms of the bid. The bid must be executed by a person having the legal right and authority to bind the bidder.

7. **Error in Bids**

When an error is made in extending total prices, the unit bid price and/or written words shall govern. Otherwise, the bidder is not relieved from errors in bid preparation. Erasures in bids must be explained over the signature of the bidder.

8. **Withdrawal of Bids**

A written request for the withdrawal of a bid or any part thereof may be granted if the request is received by the Purchasing Manager prior to the specified time of opening. After the opening, the bidder cannot withdraw or cancel his bid for a period of forty-five (45) calendar days, or such longer time as stated in the bid documents.

9. **Not Applicable**

10. **Bidder's Qualifications**

No award will be made to any bidder who cannot satisfy the City that they have sufficient ability and experience in this class of work, as well as sufficient capital and equipment to do the job and complete the work successfully within the time named (i.e. responsible). The City's decision or judgment on these matters shall be final and binding. The City may make such investigations as it deems necessary. The bidder shall furnish to the City all information and data the City may request for the purpose of investigation.

11. **Bid Award for All or Part**

Unless otherwise specified, bids shall be submitted for all of the work or items for which bids are requested. The City reserves the right to make an award on all items, or any of the items, according to the best interests of the City.

12. **Not Applicable**

13. **Not Applicable**

14. Not Applicable

15. Not Applicable

16. Not Applicable

17. Not Applicable

18. Not Applicable

19. Consideration of Bid

No bid will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default to the City upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the City or had failed to perform faithfully any previous contract with the City.

The bidder, if requested, shall present within 48 hours evidence satisfactory to the City of performance ability and possession of necessary facilities, pecuniary recourses, and adequate insurance to comply with the terms of these specifications and contract documents.

20. Award or Rejection

The City reserves the right to reject and/or award any and all bids or parts thereof and to waive formalities and technicalities according to the best interests of the City. Any bid submitted will be binding for sixty (60) days subsequent to the date of the bid opening. A contract will be awarded to the lowest responsible and responsive bidder complying with the conditions of the contract documents only when it is in the best interest of the City to accept the bid. The City shall be the sole judge of compliance with the specifications and reserves the right to accept or reject any and/or all bids or parts thereof.

21. Execution of Contract

The Contractor shall, within ten (10) days after notification of the award: (a) enter into a contract in writing with the City covering all matters and things as are set forth in the specifications and his bid and (b) carry insurance acceptable to the City, covering public liability, property damage, and workmen's compensation.

After the acceptance and award of the bid and upon receipt of a written purchase order executed by the proper officials of the City, this Instruction to Bidders, including the specifications, will constitute part of the legal contract between the United City of Yorkville and the Contractor.

22. Termination of Contract

The United City of Yorkville reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event that sufficient funds to complete the Contract are not appropriated by the City Council.

The United City of Yorkville further reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event of default by the Contractor. Default is defined as the failure of the Contractor to perform any of the provisions of this Contract, or failure to make sufficient progress so as to endanger performance of this Contract in accordance with its terms. In the event of default and termination, the United City of Yorkville may procure, upon such terms and in such manner as the United City of Yorkville may deem appropriate, supplies or services similar to those so terminated.

The Contractor shall be liable for any excess costs for such similar supplies or services unless acceptable evidence is submitted to the United City of Yorkville that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

23. Not Applicable

24. Not Applicable

25. Protests

A) Any Contractor who claims to be aggrieved in connection with a solicitation, the selection process, a pending award, or other reasonable issues may initiate a protest.
   1) Protests involving the solicitation process or stated requirements must be presented in writing via email to the Purchasing Manager no later than the last date for questions as reflected on the cover page of this document.
   2) Protests involving the evaluation of offers, staff recommendations, or the award process must be submitted in writing to the Purchasing Manager no later than three business days after results are publicly posted.

B) Protests must include: the name and address of the protestor; appropriate identification of the solicitation; if an award has been initiated, the award document number (if available); identification of the procedure that is alleged to have been violated; precise statement(s) of the relevant facts; identification of the issue to be resolved; protestor's argument and supporting documentation (Exhibits, evidence, or documents to substantiate any claims) and recommendation for further action.

C) Upon receipt of the notice of protest, the Purchasing Manager shall cease the procurement process for the said project.
   1) The Purchasing Manager will rule on the protest in writing within five business days from receipt of the protest.

2) Appeals of the Purchasing Manager's decision must be made in writing within five business days after receipt thereof and submitted to the City Administrator for final resolution. The appellant shall have the opportunity to be heard and an opportunity to present evidence in support of the appeal.
3) The City Administrator's decision is final.

26. Compliance with All Laws

All work under the contract must be executed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations which may in any manner affect the preparation of the bid or performance of the contract.

27. Contract Alterations

No amendment of a contract shall be valid unless made in writing and signed by the City Administrator or his authorized agent.

28. Nonassignability

The Contractor shall not assign the contract, or any part thereof, to any other person, firm, or corporation without the previous written consent of the City Administrator. Such assignment shall not relieve the Contractor from his obligations or change the terms of the contract.

29. Notices

Any notice shall be in writing and shall be deemed sufficient when personally served or sent pre-paid first-class United States mail as follows:

To the City:
City Administrator
United City of Yorkville
800 Game Farm Road
Yorkville, Illinois 60560

To the Contractor:
Stokes Excavating Inc
Danny Stokes
903 Daisy Field Rd
Rockford, IL 61102

30. Execution of Documents

The Bidder, in signing the Bid on the whole or any portion of the work, shall conform to the following requirements:

- Bids signed by an individual other than the individual represented in the bid documents shall have attached thereto a power of attorney evidencing authority to sign the Bid in the name of the person for whom it is signed.

- Bids that are signed for a partnership shall be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there shall be attached to the Bid a power of attorney evidencing authority to sign the Bid, executed by the partners.

- Bids that are signed for a corporation shall have the correct corporate name thereof and the signature of the President or other authorized officer of the corporation manually written below the corporate name.

- If such Bid is manually signed by an official other than the President of the Corporation, a certified copy of a resolution of the board of directors evidencing the authority of such official to sign the Bid should be attached to it. Such Bid shall also bear the attesting signature of the Secretary of the corporation and the impression of the corporate seal. If the Bid is signed for a limited liability company, it should have the correct legal name and be signed by the managing member or other person with authority.

- Bids received from any listed contractor in response to an invitation for bids shall be entered on the abstract of Bids and rejected. Bids, quotations, or offers received from any listed contractor shall not be evaluated for an award or included in the competitive range, nor shall discussions be conducted with a listed offer or during a period of ineligibility. If the period of ineligibility expires or is terminated prior to award, the City may, but is not required to, consider such bids, quotations, or offers.

31. Default

The City may terminate a contract by written notice of default to the Contractor if:

- fails to make delivery of the materials or perform the services within the time specified in the bid, or
- fails to make progress so as to endanger performance of the contract, or
- fails to provide or maintain in full force and effect, the liability and indemnification coverages or performance bond as required.

If the City terminates the contract, the City may procure supplies or services similar to those so terminated, and the Contractor shall be liable to the City for any excess costs for similar supplies and services unless the Contractor provides acceptable evidence that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

32. Not Applicable

33. Permits and Licenses

The Contractor and their subcontractor(s) shall obtain, at their own expense, all permits and licenses which may be required to complete the contract. Fees for all City permits and licenses shall be waived.

34. Not Applicable

35. Not Applicable

36. Time of Completion

After notification of award of the contract, the Contractor shall completely perform the work in strict accordance with the terms and conditions of the bid documents within the timeline established by the City.

37. Incidental Work

All work shown in the bid documents, described in the applicable specifications or in these Special Provisions and not covered by a pay item, will be considered as included in the bid.

38. Retention

Ten percent (10%) retention will be held on the project until all project items have been satisfactorily completed. Retention will be reduced to 0% once all punch list items are completed (as determined by the City).

39. Payment

Payment will be made within thirty (30) days after acceptance of the work by the City as covered within the contract documents. Invoices shall be paid by the City pursuant to the Local Government Prompt Payment Act (50 ILCS 505/1 et seq.).

40. Guarantees and Warranties

All guarantees and warranties required shall be furnished by the Contractor and shall be delivered to the City before the final payment on the contract is issued.

41. Not Applicable

42. Not Applicable

43. Not Applicable

44. Not Applicable

45. General Guarantee

Neither the final certificate of payment nor any provision in the Contractor Documents, nor partial or entire occupancy of the premises by the City, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one (1) year from the date of final acceptance of the work unless a longer period is specified. The United City of Yorkville will

give notice of observed defects with reasonable promptness. The Contractor shall guarantee all materials and workmanship as defined by the Performance Bond, Labor and Material Payment Bond, and Maintenance Bond requirements.

Unless otherwise amended in writing by the Director of Public Works, the date of the Start of any Guarantees, Warranties and Maintenance Bonds shall be coincident with the Date of Acceptance of the entire project.

46. Not Applicable

47. Not Applicable

48. Not Applicable

49. Waiver of Lien

Where applicable a waiver of lien and contractor's affidavit must be submitted by the Contractor, verifying that all subcontractors and material invoices have been paid prior to the City approving final payment.

50. Other Entity Use

Although this solicitation is specific to the City, Contractors have the option of allowing this offer, if awarded by the City to the Contractor, to be available to other government agencies within the Kane, Will and Kendall Counties. If the successful Contractor and the interested entity/agency mutually agree on the Terms and Conditions, inclusive of pricing, both parties may perform business under the authority of this solicitation and contract.

It is understood that at no time will any city or municipality or other agencies be obligated for placing an order for any other city, municipality or agency; nor will any city or municipality or agency be obligated for any bills incurred by any other city or municipality or agency. Further, it is understood that each agency will issue its own purchase order to the awarded Contractor.

51. Contractor Certifications

The undersigned Contractor;

A. Certifies that it is not barred from Bidding or contracting with the City as a result of a violation of either Paragraph 33E-3 (Bid rigging) or 33E-4 (Bid rotating) of Act 5, Chapter 720 of the Illinois Complied Statutes regarding criminal interference with public contracting; and
B. Swears under oath that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue as required by Chapter 65, Act 5, paragraph 11-42.1 of the Illinois Complied Statutes; and

C. States that is has a written sexual harassment policy as required by the Illinois Human Rights Act (775 ILCS 5/2-105(A) (4) a copy of which shall be provided to the City upon request; and
D. Agrees to comply with the requirements of the Illinois Human Rights Act regarding Equal Employment Opportunities as required by Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) and agrees to comply with the Equal Employment Opportunity Clause, Section 750, Part 750, Chapter X, Subtitle B of Title 44 of the Illinois Administrative Code incorporated herein by reference; and
E. Agrees to comply with current applicable regulations of the Americans with Disabilities Act; and
F. Agrees to comply with the civil rights standards set forth in Title VII of the Civil Rights Act as mandated in Executive Order No. 11246, U.S.C.A. Section 2000e n.114 (September 24, 1965); and
G. Agrees to comply with the Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1 et seq.) if this project is a "public work" within the meaning of the Illinois Prevailing Wage Act (820 ILCS 130/.01 et seq.) and prohibit substance abuse while performing such work and has a substance abuse prevention program; and
H. Agrees to provide a drug-free workplace pursuant to the Drug-Free Workplace Act (30 ILCS 580/1 et seq.) (25 or more employees under a contract of more than $5,000 or for individuals only when greater than $5,000); and
I. Agrees to comply with the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01 et seq.) and employ Illinois laborers if at the time of this contract is executed or if during the term of this contract there is excessive unemployment in Illinois as defined in the Act.

Invitation to Bid the Elizabeth Street and Appletree Court Water Main Improvements
ADDENDUM #1
March 3, 2021

1. IMPORTANT INSTRUCTIONS TO BIDDERS

   This addendum must be read, signed and dated by the bidder and included with the bid documents submitted by the bidder on or before the bid closing date and time. Failure to include this addendum with the bid documents may result in bid rejection.

   Bidder will carefully note the inclusion of this addendum on the bid form.

2. ATTACHMENTS TO THIS ADDENDUM:
   a. EXHIBIT A: Updated Bid Cost Sheet

3. CHANGES:
   a. A revised Bid Schedule is attached (3 pages). Water service pipe (general term; refer to bid schedule for specific pay items) shall now be bid as alternates and are generally described as follows:
      - Alternate A – The quantities reflect open cut installation for all water services except for the two water services on Appletree Court called out on the plans to be installed via a trenchless method.
      - Alternate B – The quantities reflect trenchless installation of all water services except for the short water services along Elizabeth Street which are anticipated to be open cut.

4. ACKNOWLEDGMENT

   The Bidder acknowledges receipt of this Addendum and understands its content to the Bid Documents.

5. SIGNATURE AND DATE

Stokes Excavating Inc.
Business Name

Danny Stokes
Printed Name of Bidder

Signature of Authorized Representative

3/5/21
Date

EXHIBIT A: UPDATED BID COST SHEET

BID COST SHEET

The undersigned, having examined the specifications, and all conditions affecting the specified project, offer to furnish all services, labor, and incidentals specified for the price below.

Bidding Company Name: Stokes Excavating Inc.

I (We) propose to complete the following project as more fully described in the specifications for the following: Five Hundred sixty one thousand eight hundred sixty-nine dollars and seventy-six cents.

X Our firm has not altered any of the written texts within this document. Only those areas requiring input by the respondent have been changed or completed.

If it is the Contractor's intention to utilize a subcontractor(s) to fulfill the requirements of the Contract, the City must be advised of the subcontractor's company name, address, telephone and fax numbers, and a contact person's name at the time of bid submittal.

	YES	NO
Will you be utilizing a subcontractor?	X	___
If yes, have you included all required Information with your bid submittal?	X	___

OR
NO BID – Keep our company on your Contractors List

Signature

3/5/21
Date

NO BID – Remove our company from Your Contractors List

Signature

Date

BID COST SHEET
FOR
ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS

TOTAL COST: $ 561,869.76

BASE BID

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
1	TREE REMOVAL, 6-15 UNIT DIAMETER	UNIT	10	$ 50.00	$ 500.00
2	TREE REMOVAL, OVER 15 UNIT DIAMETER	UNIT	40	$ 80.00	$ 3,200.00
3	TREE ROOT PRUNING	EACH	1	$ 500.00	$ 500.00
4	REPLACEMENT TREE, 2.5" CALIPER (MIN.), BALLED AND BURLAPPED	EACH	3	$ 450.00	$ 1,350.00
5	CONNECTION TO EXISTING WATER MAIN, 6-INCH	EACH	1	$ 4,200.00	$ 4,200.00
6	CONNECTION TO EXISTING WATER MAIN, 8-INCH	EACH	2	$ 5,500.00	$ 11,000.00
7	PRESSURE CONNECTION WITH TAPPING SLEEVE, AND 8" TAPPING VALVE IN VALVE BOX	EACH	1	$ 7,000.00	$ 7,000.00
8	WATER MAIN, CLASS 52, WITH POLYETHYLENE WRAP, 6-INCH	LF	20	$ 65.00	$ 1,300.00
9	WATER MAIN, CLASS 52, WITH POLYETHYLENE WRAP, 8-INCH	LF	1,868	$ 76.00	$ 141,968.00
10	GATE VALVE (RESILIENT SEAT) IN 60" VAULT, 8-INCH	EACH	1	$ 4,200.00	$ 4,200.00
11	GATE VALVE (RESILIENT SEAT) IN VALVE BOX, 8-INCH	EACH	3	$ 2,800.00	$ 8,400.00
12	INSERTION VALVE IN VALVE BOX, 8-INCH	EACH	1	$ 8,500.00	$ 8,500.00
13	FIRE HYDRANT ASSEMBLY, WITH AUXILIARY VALVE, 6-INCH MJ	EACH	8	$ 4,800.00	$ 38,400.00
14	DUCTILE IRON FITTINGS	LBS	1,641	$ 5.00	$ 8,205.00
15	WATER MAIN PROTECTION, PVC C-900, 12-INCH	LF	21	$ 70.00	$ 1,470.00
16	WATER SERVICE CONNECTION, 1-INCH	EACH	38	$ 985.00	$ 37,430.00
17	WATER MAIN TESTING - PRESSURE AND DISINFECTION	LS	1	$ 5,600.00	$ 5,600.00
18	DISCONNECT AND ABANDON EXISTING WATER MAIN	EACH	3	$ 2,000.00	$ 6,000.00
19	VALVE BOX TO BE ABANDONED	EACH	3	$ 200.00	$ 600.00
20	VALVE VAULT TO BE ABANDONED	EACH	1	$ 300.00	$ 300.00
21	FIRE HYDRANT REMOVAL	EACH	4	$ 400.00	$ 1,600.00
22	CULVERT REMOVAL AND REPLACEMENT, GALVANIZED CORRUGATED STEEL PIPE, 12-INCH	LF	190	$ 32.00	$ 6,080.00
23	CULVERT REMOVAL AND REPLACEMENT, N-12 HDPE, 12-INCH	LF	30	$ 30.00	$ 900.00
24	STORM INLET TYPE A, 2' DIA W/ TYPE 8 GRATE	EACH	1	$ 1,200.00	$ 1,200.00
25	STORM CATCH BASIN TYPE A, 2' DIA W/ TYPE 9 FRAME AND GRATE	EACH	1	$ 1,300.00	$ 1,300.00
26	STORM SEWER, N-12 HDPE, 12-INCH	LF	60	$ 38.00	$ 2,280.00
27	STORM SEWER, C900 PVC, 6-INCH	LF	143	$ 55.00	$ 7,865.00
28	CONNECT TO EXISTING STORM MANHOLE	EACH	1	$ 1,000.00	$ 1,000.00
29	STONE RIPRAP, CLASS A3	SY	3	$ 170.00	$ 510.00
30	CULVERT REMOVAL	LF	120	$ 10.00	$ 1,200.00

31	STORM SEWER REMOVAL	LF	143	$	10.00	$ 1,430.00
32	REMOVE EXISTING CATCH BASIN	EACH	1	$	75.00	$ 75.00
33	SANITARY SEWER SERVICE REPAIR, PVC SDR-26, D-2241, 6-INCH	EACH	15	$	75.00	$ 1,125.00
34	SANITARY MANHOLE TO BE ADJUSTED	EACH	1	$	400.00	$ 400.00
35	SANITARY MANHOLE TO BE ADJUSTED WITH NEW FRAME AND LID - TYPE 1	EACH	3	$	550.00	$ 1,650.00
36	PREPARATION OF BASE	SY	3,545	$	1.25	$ 4,431.25
37	AGGREGATE SUBGRADE IMPROVEMENT	CY	100	$	80.00	$ 8,000.00
38	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SY	305	$	3.00	$ 915.00
39	BITUMINOUS MATERIALS (PRIME/TACK COAT)	LBS	2,391	$	0.01	$ 23.91
40	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	22	$	25.00	$ 550.00
41	HOT-MIX ASPHALT PAVEMENT REMOVAL, FULL DEPTH	SY	394	$	9.00	$ 3,546.00
42	HOT-MIX ASPHALT PAVEMENT REMOVAL, 4-INCH	SY	3,545	$	4.30	$ 15,243.50
43	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 2.5-INCH	TON	512	$	93.50	$ 47,872.00
44	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5-INCH	TON	307	$	120.00	$ 36,840.00
45	ROADWAY EDGE CRACK SEALING	LF	645	$	3.00	$ 1,935.00
46	PCC PAVEMENT REMOVAL AND REPLACEMENT	SY	24	$	112.95	$ 2,710.80
47	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	LF	171	$	39.45	$ 6,745.95
48	PCC SIDEWALK REMOVAL AND REPLACEMENT	SF	2,912	$	7.80	$ 22,713.60
49	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SY	247	$	74.25	$ 18,339.75
50	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SY	366	$	25.00	$ 9,150.00
51	RETAINING WALL REMOVAL AND RESET	EACH	2	$	3,000.00	$ 6,000.00
52	MAILBOX TO BE REMOVED AND RESET	EACH	18	$	25.00	$ 450.00
53	SIGN TO BE REMOVED AND RESET	EACH	2	$	25.00	$ 50.00
54	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 1	TON	75	$	40.00	$ 3,000.00
55	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 2	TON	75	$	60.00	$ 4,500.00
56	FOUNDATION MATERIAL	CY	35	$	75.00	$ 2,625.00
57	EXPLORATORY EXCAVATION	EACH	3	$	450.00	$ 1,350.00
58	GRADING AND SHAPING DITCHES	LF	80	$	55.00	$ 4,400.00
59	RESTORATION	SY	2,405	$	8.00	$ 19,240.00
60	TRAFFIC CONTROL AND PROTECTION	LS	1	$	2,500.00	$ 2,500.00
61	ALLOWANCE - ITEMS ORDERED BY THE ENGINEER	UNIT	20,000	$	1.00	$ 20,000.00
TOTAL BASE BID				$		561,869.76

ALTERNATE A BID ITEMS

NO.	*ITEM DESCRIPTION*	*UNIT*	*QUANTITY*	*PRICE*	*AMOUNT*
62	*WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)*	*LF*	*1,017*	*$ 32.08*	*$ 32,625.36*
63	*WATER SERVICE PIPE, PEX, 1-INCH (TRENCHLESS)*	*LF*	*100*	*$ 58.00*	*$ 5,800.00*
TOTAL ALTERNATIVE A BID				*$*	*38,425.36*

ALTERNATE B BID ITEMS

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
64	WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)	LF	151	$ 32.08	$ 4,844.08
65	WATER SERVICE PIPE, PEX, 1-INCH (TRENCHLESS)	LF	966	$ 58.00	$ 56,028.00
TOTAL ALTERNATIVE B BID				$	60,872.08

ALTERNATE B BID ITEMS

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
64	WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)	LF	151	32.08	$ 4,844.08 -
65	WATER SERVICE PIPE, PEX, 1-INCH (TRENCHLESS)	LF	966	58.00	$ 56,028.00 -
TOTAL ALTERNATIVE B BID				$	60,872.08

Stokes Excavating Inc.
Business Name

Danny Stokes
Printed Name of Bidder

Danny Stokes 3/5/21
Signature of Authorized Representative Date

SUBCONTRACTOR LISTING

Provide the name, contact information, and value of work for each and every subcontractor which will be employed on this project.

Subcontractor No. 1

Builders Paving LLC
Business Name

4413 Roosevelt Rd Suite 108 Hillside, IL 60162
Address / City, State, Zip Code

Steven Salinas 847-419-9000
Contact Person / Telephone Number

122,139.41 Asphalt
Value of Work / Nature of Work

Subcontractor No. 2

Alliance Contractors INC.
Business Name

11666 Lake Ave. Woodstock, IL 60098
Address / City, State, Zip Code

Scott Marquart 815-338-5900
Contact Person / Telephone Number

50,510.10 Concrete
Value of Work / Nature of Work

Subcontractor No. 3

Business Name

Address / City, State, Zip Code

Contact Person / Telephone Number

Value of Work / Nature of Work

REFERENCES

Enter below current business references for whom you have performed work similar to that required by this bid.

Reference No. 1

City of Aurora
Business Name

44 East Downer Place — Aurora, IL 60507
Address — City, State, Zip Code

Jason Bauer — 630-774-3321
Contact Person — Telephone Number

Have done numerous jobs — Excavation, Sewer + Water
Dates of Service — Nature of Work

Reference No. 2

Opus Design Build LLC
Business Name

9700 Higgins Rd. Suite 900 — Rosemont, IL 60018
Address — City, State, Zip Code

Jeremy Sowin — 414-788-1734
Contact Person — Telephone Number

Aug 2018 - Sept 2020 — Excavation, Sewer + Water
Dates of Service — Nature of Work

Reference No. 3

EP Doyle + Sons
Business Name

1100 Wheaton Oaks Ct. — Wheaton, IL 60187
Address — City, State, Zip Code

Steve Hornik — 630-665-0600
Contact Person — Telephone Number

Have done numerous jobs — Excavation, Sewer + Water
Dates of Service — Nature of Work

CONTRACT

This contract ("Contract") made and entered into this 5th day of March 2021, by and between the United City of Yorkville, Kendall County, an Illinois Municipal Corporation, hereinafter referred to as the "City" and Stokes Excavating Inc; hereinafter referred to as the "Contractor" and its successors.

WITNESSETH:

WHEREAS, the City has heretofore solicited bids for all labor and materials necessary to complete the work specified in the Invitation to Bid the Elizabeth St + Appletree Ct. Water Main Improvement

WHEREAS, the City has found that the Contractor is the lowest responsible bidder for said work and has awarded the Contractor this contract for said work; and

WHEREAS, the entire bid packet together with all exhibits, terms, and conditions to become a part of this contract unless otherwise specified all of which are made a part hereof and herein called the "Contract Documents". The City assumes that submission of a bid means that the person submitting the bid has familiarized themselves with all conditions and intends to comply with them unless noted otherwise.

NOW, THEREFORE, for and in consideration of their mutual promises and agreements, the parties hereto do hereby agree as follows:

1. The Contractor agrees to furnish all materials, supplies, tools, equipment, labor and other services necessary to commence and complete the work in accordance with the specifications, conditions, and prices stated in the bid packet.
2. The City will pay the Contractor in the amounts, manner and at times as set forth in the Contract Documents.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Contract as of the day and year first above written:

UNITED CITY OF YORKVILLE:

By: _____
Mayor

Attest:

_____
City Clerk

CONTRACTOR:

By: Danny Stokes
Signature

Attest:
Linda Hill
Witness

Danny Stokes President
Print Name and Title

AIA® Document A310™ – 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Stokes Excavting, Inc.
903 Daisyfield Road
Rockford, IL 61102

SURETY:
(Name, legal status and principal place of business)
Merchants National Bonding, Inc.
6700 Westown Parkway
West Des Moines, IA 50266

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:
(Name, legal status and address)
City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

BOND AMOUNT: Ten Percent of Accompanying Bid (10% of Bid)

PROJECT:
(Name, location or address, and Project number, if any)
Elizabeth Street and Appletree Court Water Main Improvements

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 5th day of March, 2021

Stokes Excavating, Inc.

(Witness)

(Principal) *(Seal)*

(Witness)

(Title) Danny R. Stokes, President
Merchants National Bonding, Inc.

(Surety) *(Seal)*

(Title) Robert H. Walker, Attorney-in-fact

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

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061110

MERCHANTS BONDING COMPANY™

POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually,

David S Parrilli; Douglas P O'Neill; George F Manikas; Julie A Parrilli; Philip C Reimer; Robert H Walker; Susan M Preissing

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and aut hority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 27th day of September , 2019 .

MERCHANTS NATIONAL BONDING, INC. -o- 2003

MERCHANTS BONDING COMPANY (MUTUAL) INCORPORATED -o- 1933

MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By Larry Taylor
President

STATE OF IOWA
COUNTY OF DALLAS ss.
On this this 27th day of September 2019 , before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

NOTARIAL SEAL IOWA

ALICIA K. GRAM
Commission Number 767430
My Commission Expires
April 1, 2020

Alicia K. Gram
Notary Public

(Expiration of notary's commission does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 5th day of March , 2021 .

MERCHANTS NATIONAL BONDING, INC. -o- 2003

MERCHANTS BONDING COMPANY (MUTUAL) INCORPORATED -o- 1933

William Warner Jr.
Secretary

POA 0018 (3/17)

Acknowledgement of Corporate Surety

STATE OF ILLINOIS)
) SS
COUNTY OF WILL)

On this 5th day of March 2021, before me personally appeared Robert H. Walker, to me known, who, being by me duly sworn, did depose and say: that _he_ resides at Lockport, IL that __he__ is/ are the Attorney-in-fact of Merchants National Bonding, Inc., the corporation described in and which executed and annexed instrument; that __he__ know(s) the corporate seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by the order of the Board of Directors of said corporation; that __he__ signed the same name(s) thereto by like order; and that the liabilities of said corporation do not exceed its assets as ascertained in the manner provided by law.

OFFICIAL SEAL
BRANDIE CATLIN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 03/31/22

Brandie Catlin
(Notary Public in and for the Above County and State)

My Commission Expires 03/31/22

BID SUMMARY
ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE

BID TABULATION BIDS RECEIVED 10:00 A.M. 03/05/2021	**ENGINEER'S ESTIMATE** 52 Wheeler Road Sugar Grove, IL 60554	**STOKES EXCAVATION, INC.** 903 DAISYFIELD ROAD ROCKFORD, IL 61102	**H. LIDEN & SONS SEWER & WATER** 722 E. SOUTH STREET, UNIT D PLANO, IL 60545	**GERARDI SEWER & WATER CO.** 1785 W ARMITAGE COURT ADDISON, IL 60101
BASE BID TOTAL	$657,969.75	$561,869.76	$611,578.00	$618,237.51
ALTERNATE A BID TOTAL	$40,095.00	$38,425.36	$35,610.00	$43,680.00
ALTERNATE B BID TOTAL	$44,680.00	$60,872.08	$43,170.00	$10,415.00
BID BOND	**N/A**	**X**	**X**	**X**
SIGNED BID	**N/A**	**X**	**X**	**X**
ADDENDUM 1	**N/A**	**X**	**X**	**X**

BID TABULATION BIDS RECEIVED 10:00 A.M. 03/05/2021	**MAURO SEWER CONSTRUCTION, INC.** 1251 REDEKER ROAD DES PLAINES, IL 60016	**HOLIDAY SEWER AND WATER CONSTRUCTION, INC.** 100 N. RAND ROAD, UNIT 116 WAUCONDA, IL 60084	**PERFORMANCE CONSTRUCTION AND ENGINEERING, LLC** 217 W JOHN STREET PLANO, IL 60546	**CONLEY EXCAVATING, INC.** 1555 GRAMERCY PLACE MORRIS, IL 60450
BASE BID TOTAL	$618,712.75	$625,000.01	$639,904.00	$670,485.75
ALTERNATE A BID TOTAL	$27,840.00	$1,117.00	$13,704.00	$55,224.50
ALTERNATE B BID TOTAL	$33,540.00	$1,117.00	$18,234.00	$62,385.50
BID BOND	**X**	**X**	**X**	**X**
SIGNED BID	**X**	**X**	**X**	**X**
ADDENDUM 1	**X**	**X**	**X**	**X**

BID TABULATION BIDS RECEIVED 10:00 A.M. 03/05/2021	**J&S CONSTRUCTION SEWER & WATER** 130 KIRKLAND CIRCLE OSWEGO, IL 60543	**AUSTIN TYLER CONSTRUCTION, INC.** 23343 S. RIDGE ROAD ELWOOD, IL 60421	**ACQUA CONTRACTORS CORP.** 551 S IL ROUTE 83 ELMHURST, IL 60126	**WINNINGER EXCAVATING, INC.** 1211 DEER STREET YORKVILLE, IL 60560
BASE BID TOTAL	$708,565.15	$723,801.55	$735,000.00	$742,186.00
ALTERNATE A BID TOTAL	$62,909.75	$558.50	$4,217.00	$64,367.00
ALTERNATE B BID TOTAL	$58,173.35	$558.50	$9,811.00	$128,451.00
BID BOND	**X**	**X**	**X**	**X**
SIGNED BID	**X**	**X**	**X**	**X**
ADDENDUM 1	**X**	**X**	**X**	**X**

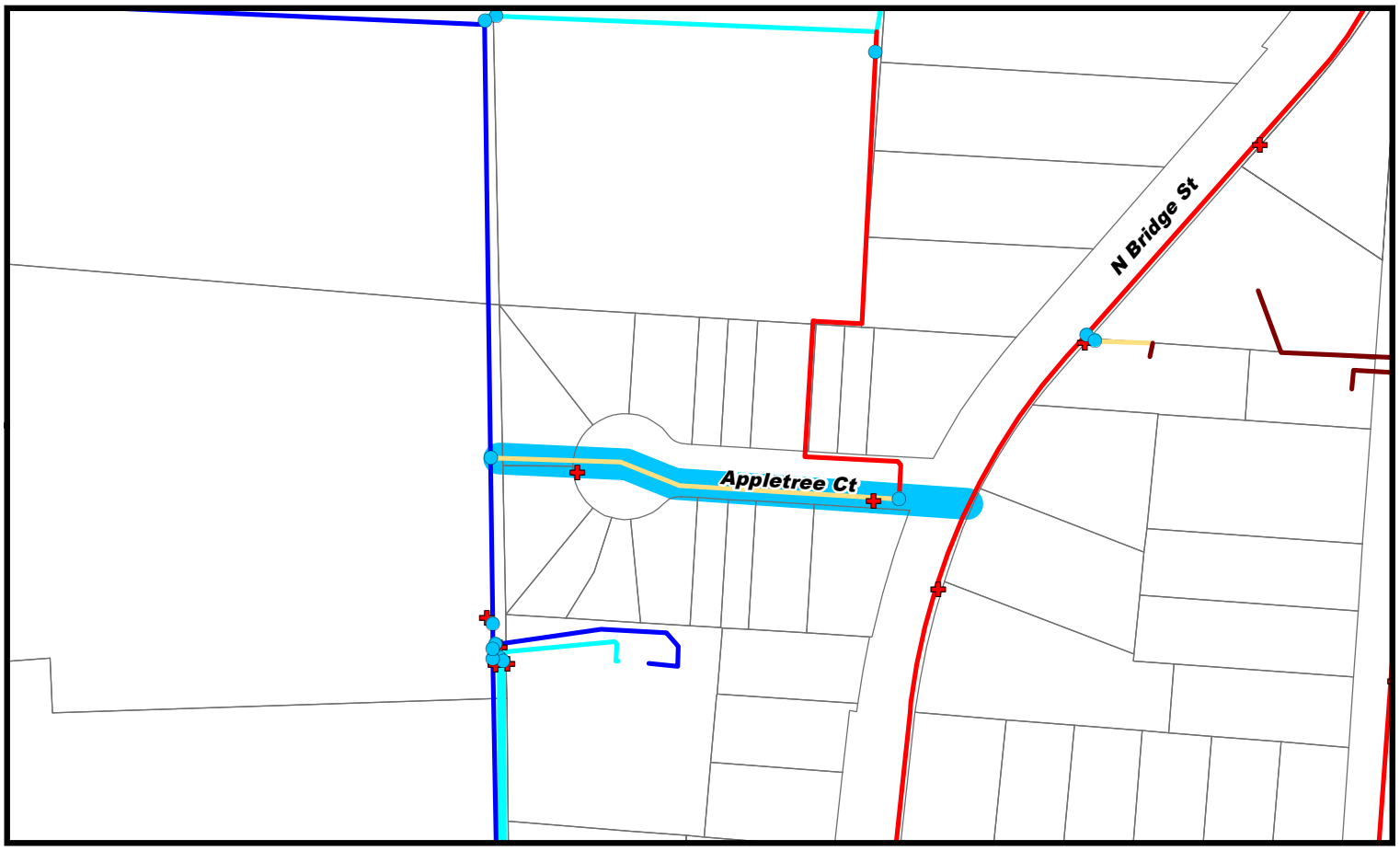
BID TABULATION
ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE

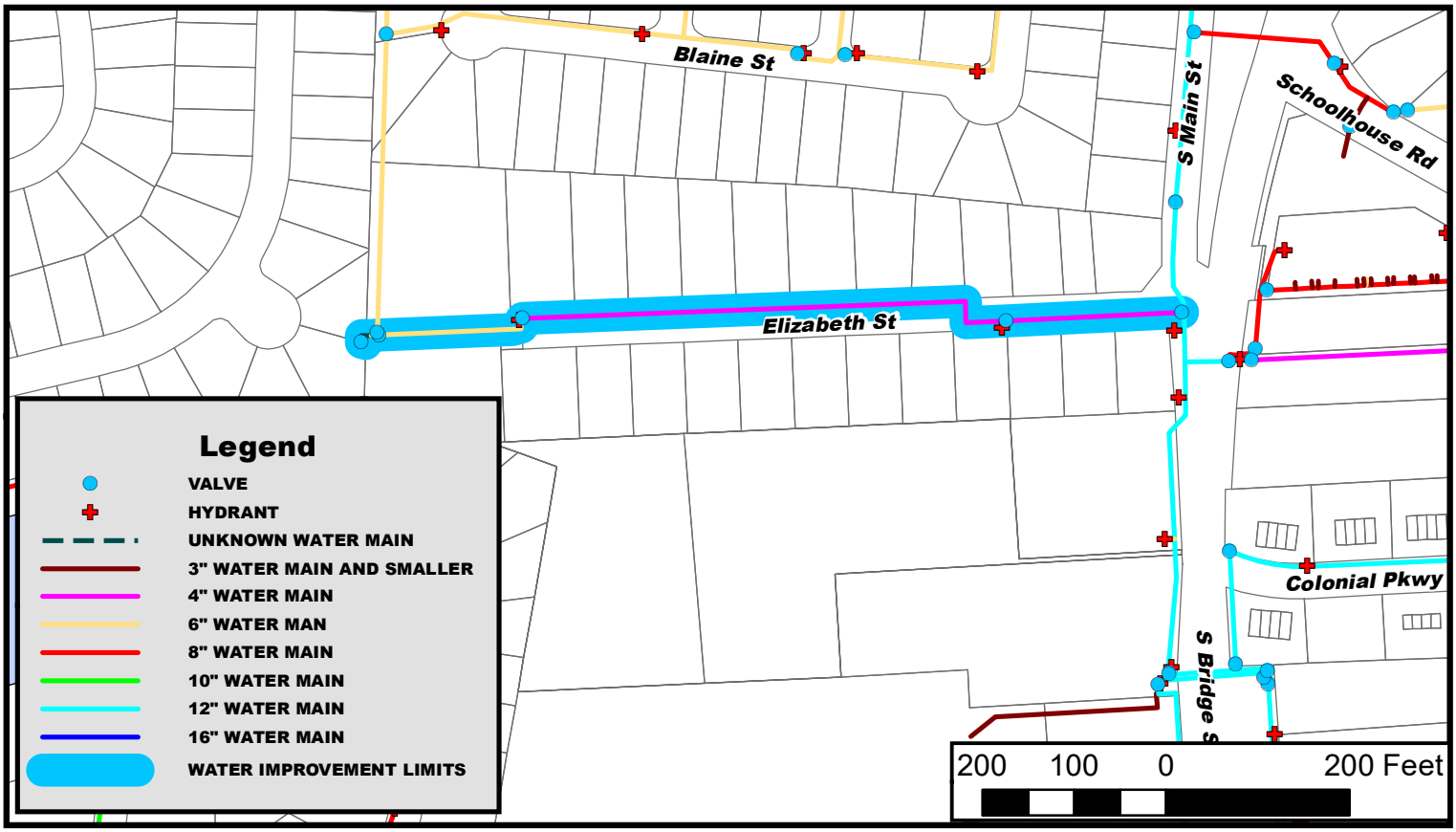
				BID TABULATION BIDS RECD 3/5/2021		**STOKES EXCAVATION, INC.** 903 DAISYFIELD ROAD ROCKFORD, IL 61102		**H. LIDEN & SONS SEWER & WATER** 722 E. SOUTH STREET, UNIT D PLANO, IL 60545		**GERARDI SEWER & WATER CO.** 1785 W ARMITAGE COURT ADDISON, IL 60101		**MAURO SEWER CONSTRUCTION, INC.** 1251 REDEKER ROAD DES PLAINES, IL 60016		**HOLIDAY SEWER AND WATER CONSTRUCTION, INC.** 100 N. RAND ROAD, UNIT 116 WAUCONDA, IL 60084		**PERFORMANCE CONSTRUCTION AND ENGINEERING, LLC** 217 W JOHN STREET PLANO, IL 60546		**CONLEY EXCAVATING, INC.** 1555 GRAMERCY PLACE MORRIS, IL 60450		**J&S CONSTRUCTION SEWER & WATER** 130 KIRKLAND CIRCLE OSWEGO, IL 60543		**AUSTIN TYLER CONSTRUCTION, INC.** 23343 S. RIDGE ROAD ELWOOD, IL 60421		**ACQUA CONTRACTORS CORP.** 551 S IL ROUTE 83 ELMHURST, IL 60126		**WINNINGER EXCAVATING, INC.** 1211 DEER STREET YORKVILLE, IL 60560		**ENGINEER'S ESTIMATE** 52 Wheeler Road Sugar Grove, IL 60554	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	TREE REMOVAL, 6-15 UNIT DIAMETER	UNIT	10	$ 50.00	$ 500.00	$ 25.00	$ 250.00	$ 44.00	$ 440.00	$ 110.00	$ 1,100.00	$ 100.00	$ 1,000.00	$ 44.00	$ 440.00	$ 40.00	$ 400.00	$ 33.00	$ 330.00	$ 30.00	$ 300.00	$ 45.00	$ 450.00	$ 120.00	$ 1,200.00	$ 50.00	$ 500.00					
2	TREE REMOVAL, OVER 15 UNIT DIAMETER	UNIT	40	$ 80.00	$ 3,200.00	$ 35.00	$ 1,400.00	$ 44.00	$ 1,760.00	$ 90.00	$ 3,600.00	$ 80.00	$ 3,200.00	$ 44.00	$ 1,760.00	$ 50.00	$ 2,000.00	$ 66.00	$ 2,640.00	$ 40.00	$ 1,600.00	$ 45.00	$ 1,800.00	$ 240.00	$ 9,600.00	$ 75.00	$ 3,000.00					
3	TREE ROOT PRUNING	EACH	1	$ 500.00	$ 500.00	$ 110.00	$ 110.00	$ 300.00	$ 300.00	$ 110.00	$ 110.00	$ 100.00	$ 100.00	$ 400.00	$ 400.00	$ 200.00	$ 200.00	$ 440.00	$ 440.00	$ 75.00	$ 75.00	$ 430.00	$ 430.00	$ 180.00	$ 180.00	$ 300.00	$ 300.00					
4	REPLACEMENT TREE, 2.5" CALIPER (MIN.), BALLED AND BURLAPPED	EACH	3	$ 450.00	$ 1,350.00	$ 600.00	$ 1,800.00	$ 625.00	$ 1,875.00	$ 700.00	$ 2,100.00	$ 625.00	$ 1,875.00	$ 600.00	$ 1,800.00	$ 700.00	$ 2,100.00	$ 432.60	$ 1,297.80	$ 625.00	$ 1,875.00	$ 425.00	$ 1,275.00	$ 360.00	$ 1,080.00	$ 600.00	$ 1,800.00					
5	CONNECTION TO EXISTING WATER MAIN, 6-INCH	EACH	1	$ 4,200.00	$ 4,200.00	$ 2,500.00	$ 2,500.00	$ 3,750.00	$ 3,750.00	$ 3,000.00	$ 3,000.00	$ 2,500.00	$ 2,500.00	$ 4,000.00	$ 4,000.00	$ 2,850.00	$ 2,850.00	$ 4,244.00	$ 4,244.00	$ 4,400.00	$ 4,400.00	$ 4,100.00	$ 4,100.00	$ 2,700.00	$ 2,700.00	$ 3,500.00	$ 3,500.00					
6	CONNECTION TO EXISTING WATER MAIN, 8-INCH	EACH	2	$ 5,500.00	$ 11,000.00	$ 3,000.00	$ 6,000.00	$ 3,750.00	$ 7,500.00	$ 3,500.00	$ 7,000.00	$ 3,000.00	$ 6,000.00	$ 5,000.00	$ 10,000.00	$ 3,100.00	$ 6,200.00	$ 4,800.00	$ 9,600.00	$ 4,500.00	$ 9,000.00	$ 5,950.00	$ 11,900.00	$ 3,250.00	$ 6,500.00	$ 4,000.00	$ 8,000.00					
7	PRESSURE CONNECTION WITH TAPPING SLEEVE, AND 8" TAPPING VALVE IN VAL	EACH	1	$ 7,000.00	$ 7,000.00	$ 7,000.00	$ 7,000.00	$ 7,250.00	$ 7,250.00	$ 7,900.00	$ 7,900.00	$ 6,000.00	$ 6,000.00	$ 8,000.00	$ 8,000.00	$ 4,800.00	$ 4,800.00	$ 6,500.00	$ 6,500.00	$ 9,300.00	$ 9,300.00	$ 6,250.00	$ 6,250.00	$ 10,314.00	$ 10,314.00	$ 6,500.00	$ 6,500.00					
8	WATER MAIN, CLASS 52, WITH POLYETHYLENE WRAP, 6-INCH	LF	20	$ 65.00	$ 1,300.00	$ 72.00	$ 1,440.00	$ 60.00	$ 1,200.00	$ 77.00	$ 1,540.00	$ 75.00	$ 1,500.00	$ 81.00	$ 1,620.00	$ 78.00	$ 1,560.00	$ 66.00	$ 1,320.00	$ 87.00	$ 1,740.00	$ 107.00	$ 2,140.00	$ 84.00	$ 1,680.00	$ 75.00	$ 1,500.00					
9	WATER MAIN, CLASS 52, WITH POLYETHYLENE WRAP, 8-INCH	LF	1,868	$ 76.00	$ 141,968.00	$ 85.00	$ 158,780.00	$ 100.00	$ 186,800.00	$ 86.00	$ 160,648.00	$ 85.00	$ 158,780.00	$ 82.00	$ 153,176.00	$ 81.00	$ 151,308.00	$ 112.75	$ 210,617.00	$ 89.00	$ 166,252.00	$ 90.00	$ 168,120.00	$ 102.00	$ 190,536.00	$ 95.00	$ 177,460.00					
10	GATE VALVE (RESILIENT SEAT) IN 60" VAULT, 8-INCH	EACH	1	$ 4,200.00	$ 4,200.00	$ 5,000.00	$ 5,000.00	$ 4,400.00	$ 4,400.00	$ 4,850.00	$ 4,850.00	$ 3,000.00	$ 3,000.00	$ 5,000.00	$ 5,000.00	$ 4,150.00	$ 4,150.00	$ 3,556.50	$ 3,556.50	$ 4,200.00	$ 4,200.00	$ 4,400.00	$ 4,400.00	$ 6,850.00	$ 6,850.00	$ 4,000.00	$ 4,000.00					
11	GATE VALVE (RESILIENT SEAT) IN VALVE BOX, 8-INCH	EACH	3	$ 2,800.00	$ 8,400.00	$ 2,500.00	$ 7,500.00	$ 1,875.00	$ 5,625.00	$ 3,000.00	$ 9,000.00	$ 2,500.00	$ 7,500.00	$ 3,000.00	$ 9,000.00	$ 2,400.00	$ 7,200.00	$ 1,995.00	$ 5,985.00	$ 2,100.00	$ 6,300.00	$ 2,000.00	$ 6,000.00	$ 1,980.00	$ 5,940.00	$ 2,600.00	$ 7,800.00					
12	INSERTION VALVE IN VALVE BOX, 8-INCH	EACH	1	$ 8,500.00	$ 8,500.00	$ 4,000.00	$ 4,000.00	$ 10,000.00	$ 10,000.00	$ 7,950.00	$ 7,950.00	$ 6,150.00	$ 6,150.00	$ 10,000.00	$ 10,000.00	$ 7,100.00	$ 7,100.00	$ 15,100.00	$ 15,100.00	$ 7,600.00	$ 7,600.00	$ 7,500.00	$ 7,500.00	$ 12,400.00	$ 12,400.00	$ 12,000.00	$ 12,000.00					
13	FIRE HYDRANT ASSEMBLY, WITH AUXILIARY VALVE, 6-INCH MJ	EACH	8	$ 4,800.00	$ 38,400.00	$ 5,000.00	$ 40,000.00	$ 5,000.00	$ 40,000.00	$ 5,400.00	$ 43,200.00	$ 7,500.00	$ 60,000.00	$ 5,000.00	$ 40,000.00	$ 5,800.00	$ 46,400.00	$ 5,150.00	$ 41,200.00	$ 5,800.00	$ 46,400.00	$ 5,000.00	$ 40,000.00	$ 5,200.00	$ 41,600.00	$ 5,000.00	$ 40,000.00					
14	DUCTILE IRON FITTINGS	LBS	1,641	$ 5.00	$ 8,205.00	$ 4.00	$ 6,564.00	$ 0.01	$ 16.41	$ 4.00	$ 6,564.00	$ 0.01	$ 16.41	$ 7.00	$ 11,487.00	$ 8.00	$ 13,128.00	$ 4.50	$ 7,384.50	$ 0.01	$ 16.41	$ 1.00	$ 1,641.00	$ 5.00	$ 8,205.00	$ 6.00	$ 9,846.00					
15	WATER MAIN PROTECTION, PVC C-900, 12-INCH	LF	21	$ 70.00	$ 1,470.00	$ 95.00	$ 1,995.00	$ 80.00	$ 1,680.00	$ 100.00	$ 2,100.00	$ 50.00	$ 1,050.00	$ 91.00	$ 1,911.00	$ 58.00	$ 1,218.00	$ 63.50	$ 1,333.50	$ 77.00	$ 1,617.00	$ 126.00	$ 2,646.00	$ 80.00	$ 1,680.00	$ 70.00	$ 1,470.00					
16	WATER SERVICE CONNECTION, 1-INCH	EACH	38	$ 985.00	$ 37,430.00	$ 1,500.00	$ 57,000.00	$ 1,250.00	$ 47,500.00	$ 1,250.00	$ 47,500.00	$ 2,500.00	$ 95,000.00	$ 2,400.00	$ 91,200.00	$ 1,250.00	$ 47,500.00	$ 1,175.00	$ 44,650.00	$ 2,300.00	$ 87,400.00	$ 1,250.00	$ 47,500.00	$ 1,780.00	$ 67,640.00	$ 1,500.00	$ 57,000.00					
17	WATER MAIN TESTING - PRESSURE AND DISINFECTION	LS	1	$ 5,600.00	$ 5,600.00	$ 1,000.00	$ 1,000.00	$ 5,000.00	$ 5,000.00	$ 3,000.00	$ 3,000.00	$ 1,500.00	$ 1,500.00	$ 4,000.00	$ 4,000.00	$ 3,000.00	$ 3,000.00	$ 2,200.00	$ 2,200.00	$ 0.01	$ 0.01	$ 3,000.00	$ 3,000.00	$ 6,220.00	$ 6,220.00	$ 3,500.00	$ 3,500.00					
18	DISCONNECT AND ABANDON EXISTING WATER MAIN	EACH	3	$ 2,000.00	$ 6,000.00	$ 1,200.00	$ 3,600.00	$ 1,275.00	$ 3,825.00	$ 2,000.00	$ 6,000.00	$ 1,500.00	$ 4,500.00	$ 500.00	$ 1,500.00	$ 2,000.00	$ 6,000.00	$ 2,150.00	$ 6,450.00	$ 1,400.00	$ 4,200.00	$ 1,500.00	$ 4,500.00	$ 2,335.00	$ 7,005.00	$ 1,500.00	$ 4,500.00					
19	VALVE BOX TO BE ABANDONED	EACH	3	$ 200.00	$ 600.00	$ 50.00	$ 150.00	$ 100.00	$ 300.00	$ 100.00	$ 300.00	$ 100.00	$ 300.00	$ 175.00	$ 525.00	$ 250.00	$ 750.00	$ 475.00	$ 1,425.00	$ 340.00	$ 1,020.00	$ 250.00	$ 750.00	$ 180.00	$ 540.00	$ 225.00	$ 675.00					
20	VALVE VAULT TO BE ABANDONED	EACH	1	$ 300.00	$ 300.00	$ 300.00	$ 300.00	$ 300.00	$ 300.00	$ 250.00	$ 250.00	$ 100.00	$ 100.00	$ 350.00	$ 350.00	$ 860.00	$ 860.00	$ 1,225.00	$ 1,225.00	$ 800.00	$ 800.00	$ 250.00	$ 250.00	$ 920.00	$ 920.00	$ 500.00	$ 500.00					
21	FIRE HYDRANT REMOVAL	EACH	4	$ 400.00	$ 1,600.00	$ 500.00	$ 2,000.00	$ 600.00	$ 2,400.00	$ 500.00	$ 2,000.00	$ 100.00	$ 400.00	$ 400.00	$ 1,600.00	$ 810.00	$ 3,240.00	$ 795.00	$ 3,180.00	$ 500.00	$ 2,000.00	$ 250.00	$ 1,000.00	$ 795.00	$ 3,180.00	$ 600.00	$ 2,400.00					
22	CULVERT REMOVAL AND REPLACEMENT, GALVANIZED CORRUGATED STEEL PIF	LF	190	$ 32.00	$ 6,080.00	$ 45.00	$ 8,550.00	$ 50.00	$ 9,500.00	$ 55.00	$ 10,450.00	$ 50.00	$ 9,500.00	$ 54.00	$ 10,260.00	$ 63.00	$ 11,970.00	$ 67.75	$ 12,872.50	$ 71.00	$ 13,490.00	$ 80.00	$ 15,200.00	$ 66.00	$ 12,540.00	$ 45.00	$ 8,550.00					
23	CULVERT REMOVAL AND REPLACEMENT, N-12 HDPE, 12-INCH	LF	30	$ 30.00	$ 900.00	$ 45.00	$ 1,350.00	$ 46.00	$ 1,380.00	$ 65.00	$ 1,950.00	$ 50.00	$ 1,500.00	$ 46.00	$ 1,380.00	$ 55.00	$ 1,650.00	$ 52.50	$ 1,575.00	$ 60.00	$ 1,800.00	$ 65.00	$ 1,950.00	$ 56.00	$ 1,680.00	$ 45.00	$ 1,350.00					
24	STORM INLET TYPE A, 2' DIA W/ TYPE 8 GRATE	EACH	1	$ 1,200.00	$ 1,200.00	$ 1,500.00	$ 1,500.00	$ 1,600.00	$ 1,600.00	$ 1,150.00	$ 1,150.00	$ 1,500.00	$ 1,500.00	$ 1,600.00	$ 1,600.00	$ 1,500.00	$ 1,500.00	$ 1,225.00	$ 1,225.00	$ 925.00	$ 925.00	$ 1,100.00	$ 1,100.00	$ 1,570.00	$ 1,570.00	$ 1,750.00	$ 1,750.00					
25	STORM CATCH BASIN TYPE A, 2' DIA W/ TYPE 9 FRAME AND GRATE	EACH	1	$ 1,300.00	$ 1,300.00	$ 1,800.00	$ 1,800.00	$ 1,600.00	$ 1,600.00	$ 1,650.00	$ 1,650.00	$ 1,750.00	$ 1,750.00	$ 1,850.00	$ 1,850.00	$ 2,650.00	$ 2,650.00	$ 1,775.00	$ 1,775.00	$ 1,100.00	$ 1,100.00	$ 1,500.00	$ 1,500.00	$ 1,620.00	$ 1,620.00	$ 2,250.00	$ 2,250.00					
26	STORM SEWER, N-12 HDPE, 12-INCH	LF	60	$ 38.00	$ 2,280.00	$ 52.00	$ 3,120.00	$ 50.00	$ 3,000.00	$ 55.00	$ 3,300.00	$ 50.00	$ 3,000.00	$ 50.00	$ 3,000.00	$ 56.00	$ 3,360.00	$ 48.75	$ 2,925.00	$ 53.00	$ 3,180.00	$ 75.00	$ 4,500.00	$ 66.00	$ 3,960.00	$ 45.00	$ 2,700.00					
27	STORM SEWER, C900 PVC, 6-INCH	LF	143	$ 55.00	$ 7,865.00	$ 54.00	$ 7,722.00	$ 30.00	$ 4,290.00	$ 40.00	$ 5,720.00	$ 50.00	$ 7,150.00	$ 50.00	$ 7,150.00	$ 53.00	$ 7,579.00	$ 51.00	$ 7,293.00	$ 50.00	$ 7,150.00	$ 50.00	$ 7,150.00	$ 51.00	$ 7,293.00	$ 45.00	$ 6,435.00					
28	CONNECT TO EXISTING STORM MANHOLE	EACH	1	$ 1,000.00	$ 1,000.00	$ 500.00	$ 500.00	$ 1,500.00	$ 1,500.00	$ 1,000.00	$ 1,000.00	$ 1,500.00	$ 1,500.00	$ 800.00	$ 800.00	$ 1,750.00	$ 1,750.00	$ 915.00	$ 915.00	$ 1,600.00	$ 1,600.00	$ 2,000.00	$ 2,000.00	$ 1,870.00	$ 1,870.00	$ 1,500.00	$ 1,500.00					
29	STONE RIPRAP, CLASS A3	SY	3	$ 170.00	$ 510.00	$ 68.00	$ 204.00	$ 150.00	$ 450.00	$ 200.00	$ 600.00	$ 150.00	$ 450.00	$ 90.00	$ 270.00	$ 160.00	$ 480.00	$ 465.00	$ 1,395.00	$ 110.00	$ 330.00	$ 500.00	$ 1,500.00	$ 20.00	$ 60.00	$ 100.00	$ 300.00					
30	CULVERT REMOVAL	LF	120	$ 10.00	$ 1,200.00	$ 5.00	$ 600.00	$ 4.00	$ 480.00	$ 5.00	$ 600.00	$ 5.00	$ 600.00	$ 10.00	$ 1,200.00	$ 10.00	$ 1,200.00	$ 38.00	$ 4,560.00	$ 76.00	$ 9,120.00	$ 5.00	$ 600.00	$ 26.00	$ 3,120.00	$ 25.00	$ 3,000.00					
31	STORM SEWER REMOVAL	LF	143	$ 10.00	$ 1,430.00	$ 5.00	$ 715.00	$ 10.00	$ 1,430.00	$ 10.00	$ 1,430.00	$ 5.00	$ 715.00	$ 4.00	$ 572.00	$ 10.00	$ 1,430.00	$ 12.50	$ 1,787.50	$ 44.00	$ 6,292.00	$ 10.00	$ 1,430.00	$ 30.00	$ 4,290.00	$ 15.00	$ 2,145.00					
32	REMOVE EXISTING CATCH BASIN	EACH	1	$ 75.00	$ 75.00	$ 300.00	$ 300.00	$ 200.00	$ 200.00	$ 500.00	$ 500.00	$ 100.00	$ 100.00	$ 300.00	$ 300.00	$ 900.00	$ 900.00	$ 135.00	$ 135.00	$ 800.00	$ 800.00	$ 250.00	$ 250.00	$ 521.00	$ 521.00	$ 750.00	$ 750.00					
33	SANITARY SEWER SERVICE REPAIR, PVC SDR-26, D-2241, 6-INCH	EACH	15	$ 75.00	$ 1,125.00	$ 100.00	$ 1,500.00	$ 180.00	$ 2,700.00	$ 250.00	$ 3,750.00	$ 50.00	$ 750.00	$ 500.00	$ 7,500.00	$ 100.00	$ 1,500.00	$ 475.00	$ 7,125.00	$ 300.00	$ 4,500.00	$ 800.00	$ 12,000.00	$ 500.00	$ 7,500.00	$ 250.00	$ 3,750.00					
34	SANITARY MANHOLE TO BE ADJUSTED	EACH	1	$ 400.00	$ 400.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 950.00	$ 950.00	$ 750.00	$ 750.00	$ 1,000.00	$ 1,000.00	$ 1,150.00	$ 1,150.00	$ 697.50	$ 697.50	$ 600.00	$ 600.00	$ 1,000.00	$ 1,000.00	$ 837.00	$ 837.00	$ 750.00	$ 750.00					
35	SANITARY MANHOLE TO BE ADJUSTED WITH NEW FRAME AND LID - TYPE 1	EACH	3	$ 550.00	$ 1,650.00	$ 1,500.00	$ 4,500.00	$ 1,275.00	$ 3,825.00	$ 1,150.00	$ 3,450.00	$ 950.00	$ 2,850.00	$ 1,300.00	$ 3,900.00	$ 1,750.00	$ 5,250.00	$ 1,250.00	$ 3,750.00	$ 900.00	$ 2,700.00	$ 1,400.00	$ 4,200.00	$ 1,300.00	$ 3,900.00	$ 1,100.00	$ 3,300.00					
36	PREPARATION OF BASE	SY	3,545	$ 1.25	$ 4,431.25	$ 1.00	$ 3,545.00	$ 1.45	$ 5,140.25	$ 0.75	$ 2,658.75	$ 1.00	$ 3,545.00	$ 1.00	$ 3,545.00	$ 4.50	$ 15,952.50	$ 1.25	$ 4,431.25	$ 1.00	$ 3,545.00	$ 4.00	$ 14,180.00	$ 6.00	$ 21,270.00	$ 3.00	$ 10,635.00					
37	AGGREGATE SUBGRADE IMPROVEMENT	CY	100	$ 80.00	$ 8,000.00	$ 36.00	$ 3,600.00	$ 40.00	$ 4,000.00	$ 85.00	$ 8,500.00	$ 50.00	$ 5,000.00	$ 40.00	$ 4,000.00	$ 50.00	$ 5,000.00	$ 31.25	$ 3,125.00	$ 50.00	$ 5,000.00	$ 75.00	$ 7,500.00	$ 60.00	$ 6,000.00	$ 50.00	$ 5,000.00					
38	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SY	305	$ 3.00	$ 915.00	$ 3.00	$ 915.00	$ 2.00	$ 610.00	$ 3.00	$ 915.00	$ 3.00	$ 915.00	$ 2.00	$ 610.00	$ 3.50	$ 1,067.50	$ 8.50	$ 2,592.50	$ 1.00	$ 305.00	$ 3.00	$ 915.00	$ 4.00	$ 1,220.00	$ 4.50	$ 1,372.50					
39	BITUMINOUS MATERIALS (PRIME/TACK COAT)	LBS	2,391	$ 0.01	$ 23.91	$ 1.00	$ 2,391.00	$ 0.85	$ 2,032.35	$ 1.00	$ 2,391.00	$ 1.00	$ 2,391.00	$ 1.00	$ 2,391.00	$ 1.00	$ 2,391.00	$ 0.95	$ 2,271.45	$ 0.01	$ 23.91	$ 1.00	$ 2,391.00	$ 1.00	$ 2,391.00	$ 1.25	$ 2,988.75					
40	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	22	$ 25.00	$ 550.00	$ 25.00	$ 550.00	$ 24.00	$ 528.00	$ 26.00	$ 572.00	$ 24.00	$ 528.00	$ 24.00	$ 528.00	$ 26.50	$ 583.00	$ 26.75	$ 588.50	$ 0.01	$ 0.22	$ 25.00	$ 550.00	$ 30.00	$ 660.00	$ 45.00	$ 990.00					
41	HOT-MIX ASPHALT PAVEMENT REMOVAL, FULL DEPTH	SY	394	$ 9.00	$ 3,546.00	$ 10.00	$ 3,940.00	$ 5.50	$ 2,167.00	$ 6.00	$ 2,364.00	$ 10.00	$ 3,940.00	$ 10.00	$ 3,940.00	$ 12.50	$ 4,925.00	$ 12.00	$ 4,728.00	$ 25.00	$ 9,850.00	$ 16.00	$ 6,304.00	$ 14.00	$ 5,516.00	$ 10.00	$ 3,940.00					
42	HOT-MIX ASPHALT PAVEMENT REMOVAL, 4-INCH	SY	3,545	$ 4.30	$ 15,243.50	$ 7.00	$ 24,815.00	$ 5.50	$ 19,497.50	$ 6.00	$ 21,270.00	$ 4.00	$ 14,180.00	$ 5.50	$ 19,497.50	$ 6.00	$ 21,270.00	$ 6.25	$ 22,156.25	$ 9.00	$ 31,905.00	$ 6.00	$ 21,270.00	$ 7.00	$ 24,815.00	$ 6.00	$ 21,270.00					
43	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 2.5-INCH	TON	512	$ 93.50	$ 47,872.00	$ 80.00	$ 40,960.00	$ 74.50	$ 38,144.00	$ 76.00	$ 38,912.00	$ 75.00	$ 38,400.00	$ 74.50	$ 38,144.00	$ 80.25	$ 41,088.00	$ 81.95	$ 41,958.40	$ 88.00	$ 45,056.00	$ 76.00	$ 38,912.00	$ 90.00	$ 46,080.00	$ 80.00	$ 40,960.00					
44	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5-INCH	TON	307	$ 120.00	$ 36,840.00	$ 85.00	$ 26,095.00	$ 79.50	$ 24,406.50	$ 82.00	$ 25,174.00	$ 80.00	$ 24,560.00	$ 80.00	$ 24,560.00	$ 91.25	$ 28,013.75	$ 88.50	$ 27,169.50	$ 93.00	$ 28,551.00	$ 81.00	$ 24,867.00	$ 95.00	$ 29,165.00	$ 95.00	$ 29,165.00					
45	ROADWAY EDGE CRACK SEALING	LF	645	$ 3.00	$ 1,935.00	$ 2.00	$ 1,290.00	$ 1.90	$ 1,225.50	$ 2.00	$ 1,290.00	$ 2.00	$ 1,290.00	$ 1.90	$ 1,225.50	$ 2.10	$ 1,354.50	$ 2.25	$ 1,451.25	$ 9.00	$ 5,805.00	$ 2.00	$ 1,290.00	$ 3.00	$ 1,935.00	$ 1.50	$ 967.50					
46	PCC PAVEMENT REMOVAL AND REPLACEMENT	SY	24	$ 112.95	$ 2,710.80	$ 115.00	$ 2,760.00	$ 140.00	$ 3,360.00	$ 200.00	$ 4,800.00	$ 140.00	$ 3,360.00	$ 150.00	$ 3,600.00	$ 176.00	$ 4,224.00	$ 165.00	$ 3,960.00	$ 160.00	$ 3,840.00	$ 156.00	$ 3,744.00	$ 185.00	$ 4,440.00	$ 175.00	$ 4,200.00					
47	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	LF	171	$ 39.45	$ 6,745.95	$ 41.00	$ 7,011.00	$ 35.00	$ 5,985.00	$ 45.00	$ 7,695.00	$ 40.00	$ 6,840.00	$ 41.00	$ 7,011.00	$ 42.00	$ 7,182.00	$ 67.75	$ 11,585.25	$ 46.00	$ 7,866.00	$ 34.00	$ 5,814.00	$ 46.00	$ 7,866.00	$ 40.00	$ 6,840.00					
48	PCC SIDEWALK REMOVAL AND REPLACEMENT	SF	2,912	$ 7.80	$ 22,713.60	$ 9.00	$ 26,208.00	$ 10.00	$ 29,120.00	$ 10.00	$ 29,120.00	$ 10.00	$ 29,120.00	$ 9.50	$ 27,664.00	$ 13.00	$ 37,856.00	$ 11.75	$ 34,216.00	$ 12.00	$ 34,944.00	$ 10.00	$ 29,120.00	$ 11.00	$ 32,032.00	$ 10.00	$ 29,120.00					
49	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SY	247	$ 74.25	$ 18,339.75	$ 79.00	$ 19,513.00	$ 90.00	$ 22,230.00	$ 89.00	$ 21,983.00	$ 85.00	$ 20,995.00	$ 84.00	$ 20,748.00	$ 97.00	$ 23,959.00	$ 98.75	$ 24,391.25	$ 120.00	$ 29,640.00	$ 93.00	$ 22,971.00	$ 97.00	$ 23,959.00	$ 85.00	$ 20,995.00					
50	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SY	366	$ 25.00	$ 9,150.00	$ 35.00	$ 12,810.00	$ 35.00	$ 12,810.00	$ 41.00	$ 15,006.00	$ 40.00	$ 14,640.00	$ 44.00	$ 16,104.00	$ 46.50	$ 17,019.00	$ 42.00	$ 15,372.00	$ 69.00	$ 25,254.00	$ 54.00	$ 19,764.00	$ 50.00	$ 18,300.00	$ 45.00	$ 16,470.00					
51	RETAINING WALL REMOVAL AND RESET	EACH	2	$ 3,000.00	$ 6,000.00	$ 1,000.00	$ 2,000.00	$ 1,500.00	$ 3,000.00	$ 850.00	$ 1,700.00	$ 750.00	$ 1,500.00	$ 750.00	$ 1,500.00	$ 1,800.00	$ 3,600.00	$ 850.00	$ 1,700.00	$ 750.00	$ 1,500.00	$ 759.00	$ 1,518.00	$ 1,200.00	$ 2,400.00	$ 1,500.00	$ 3,000.00					
52	MAILBOX TO BE REMOVED AND RESET	EACH	18	$ 25.00	$ 450.00	$ 200.00	$ 3,600.00	$ 80.00	$ 1,440.00	$ 150.00	$ 2,700.00	$ 50.00	$ 900.00	$ 200.00	$ 3,600.00	$ 200.00	$ 3,600.00	$ 575.00	$ 10,350.00	$ 100.00	$ 1,800.00	$ 300.00	$ 5,400.00	$ 180.00	$ 3,240.00	$ 175.00	$ 3,150.00					
53	SIGN TO BE REMOVED AND RESET	EACH	2	$ 25.00	$ 50.00	$ 200.00	$ 400.00	$ 100.00	$ 200.00	$ 150.00	$ 300.00	$ 100.00	$ 200.00	$ 100.00	$ 200.00	$ 200.00	$ 400.00	$ 595.00	$ 1,190.00	$ 100.00	$ 200.00	$ 300.00	$ 600.00	$ 159.00	$ 318.00	$ 175.00	$ 350.00					
54	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 1	TON	75	$ 40.00	$ 3,000.00	$ 40.00	$ 3,000.00	$ 32.00	$ 2,400.00	$ 30.00	$ 2,250.00	$ 5.00	$ 375.00	$ 38.00	$ 2,850.00	$ 1.00	$ 75.00	$ 70.00	$ 5,250.00	$ 0.01	$ 0.75	$ 45.00	$ 3,375.00	$ 37.00	$ 2,775.00	$ 25.00	$ 1,875.00					
55	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 2	TON	75	$ 60.00	$ 4,500.00	$ 40.00	$ 3,000.00	$ 34.00	$ 2,550.00	$ 30.00	$ 2,250.00	$ 5.00	$ 375.00	$ 23.00	$ 1,725.00	$ 1.00	$ 75.00	$ 75.00	$ 5,625.00	$ 0.01	$ 0.75	$ 45.00	$ 3,375.00	$ 37.00	$ 2,775.00	$ 25.00	$ 1,875.00					
56	FOUNDATION MATERIAL	CY	35	$ 75.00	$ 2,625.00	$ 1.00	$ 35.00	$ 40.00	$ 1,400.00	$ 50.00	$ 1,750.00	$ 27.56	$ 964.60	$ 20.00	$ 700.00	$ 55.50	$ 1,942.50	$ 62.50	$ 2,187.50	$ 50.00	$ 1,750.00	$ 65.00	$ 2,275.00	$ 32.00	$ 1,120.00	$ 25.00	$ 875.00					
57	EXPLORATORY EXCAVATION	EACH	3	$ 450.00	$ 1,350.00	$ 450.00	$ 1,350.00	$ 225.00	$ 675.00	$ 450.00	$ 1,350.00	$ 50.00	$ 150.00	$ 150.00	$ 450

BID TABULATION
ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	BID TABULATION BIDS RECD 3/5/2021		**STOKES EXCAVATION, INC.** 903 DAISYFIELD ROAD ROCKFORD, IL 61102		**H. LIDEN & SONS SEWER & WATER** 722 E. SOUTH STREET, UNIT D PLANO, IL 60545		**GERARDI SEWER & WATER CO.** 1785 W ARMITAGE COURT ADDISON, IL 60101		**MAURO SEWER CONSTRUCTION, INC.** 1251 REDEKER ROAD DES PLAINES, IL 60016		**HOLIDAY SEWER AND WATER CONSTRUCTION, INC.** 100 N. RAND ROAD, UNIT 116 WAUCONDA, IL 60084		**PERFORMANCE CONSTRUCTION AND ENGINEERING, LLC** 217 W JOHN STREET PLANO, IL 60546		**CONLEY EXCAVATING, INC.** 1555 GRAMERCY PLACE MORRIS, IL 60450		**J&S CONSTRUCTION SEWER & WATER** 130 KIRKLAND CIRCLE OSWEGO, IL 60543		**AUSTIN TYLER CONSTRUCTION, INC.** 23343 S. RIDGE ROAD ELWOOD, IL 60421		**ACQUA CONTRACTORS CORP.** 551 S IL ROUTE 83 ELMHURST, IL 60126		**WINNINGER EXCAVATING, INC.** 1211 DEER STREET YORKVILLE, IL 60560		**ENGINEER'S ESTIMATE** 52 Wheeler Road Sugar Grove, IL 60554	
						UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59	RESTORATION	SY	2,405			$ 8.00	$ 19,240.00	$ 8.00	$ 19,240.00	$ 8.00	$ 19,240.00	$ 10.00	$ 24,050.00	$ 9.00	$ 21,645.00	$ 8.00	$ 19,240.00	$ 15.00	$ 36,075.00	$ 11.25	$ 27,056.25	$ 14.50	$ 34,872.50	$ 10.00	$ 24,050.00	$ 13.00	$ 31,265.00	$ 10.00	$ 24,050.00
60	TRAFFIC CONTROL AND PROTECTION	LS	1			$ 2,500.00	$ 2,500.00	$ 40,000.00	$ 40,000.00	$ 30,000.00	$ 30,000.00	$ 21,500.00	$ 21,500.00	$ 15,000.00	$ 15,000.00	$ 16,400.00	$ 16,400.00	$ 35,400.00	$ 35,400.00	$ 13,500.00	$ 13,500.00	$ 18,400.00	$ 18,400.00	$ 101,583.00	$ 101,583.00	$ 12,726.00	$ 12,726.00	$ 20,000.00	$ 20,000.00
61	ALLOWANCE - ITEMS ORDERED BY THE ENGINEER	UNIT	20,000			$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00	$ 1.00	$ 20,000.00
	BASE BID TOTAL (ITEMS 1-61)						**$ 561,869.76**		**$ 611,578.00**		**$ 618,237.51**		**$ 618,712.75**		**$ 625,000.01**		**$ 639,904.00**		**$ 670,485.75**		**$ 708,565.15**		**$ 723,801.55**		**$ 735,000.00**		**$ 742,186.00**		**$ 657,969.75**
	ABOVE/BELOW ENGINEERS ESTIMATE						-14.61%		-7.05%		-6.04%		-5.97%		-5.01%		-2.75%		1.90%		7.69%		10.01%		11.71%		12.80%		
	ALTERNATE A BID ITEMS																												
62	WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)	LF	1,017			$ 32.08	$ 32,625.36	$ 30.00	$ 30,510.00	$ 40.00	$ 40,680.00	$ 20.00	$ 20,340.00	$ 1.00	$ 1,017.00	$ 12.00	$ 12,204.00	$ 48.50	$ 49,324.50	$ 56.75	$ 57,714.75	$ 0.50	$ 508.50	$ 1.00	$ 1,017.00	$ 51.00	$ 51,867.00	$ 35.00	$ 35,595.00
63	WATER SERVICE PIPE, PEX, 1-INCH (TRENCHLESS)	LF	100			$ 58.00	$ 5,800.00	$ 51.00	$ 5,100.00	$ 30.00	$ 3,000.00	$ 75.00	$ 7,500.00	$ 1.00	$ 100.00	$ 15.00	$ 1,500.00	$ 59.00	$ 5,900.00	$ 51.95	$ 5,195.00	$ 0.50	$ 50.00	$ 32.00	$ 3,200.00	$ 125.00	$ 12,500.00	$ 45.00	$ 4,500.00
	ALTERNATE A BID TOTAL (ITEMS 62-63)						**$ 38,425.36**		**$ 35,610.00**		**$ 43,680.00**		**$ 27,840.00**		**$ 1,117.00**		**$ 13,704.00**		**$ 55,224.50**		**$ 62,909.75**		**$ 558.50**		**$ 4,217.00**		**$ 64,367.00**		**$ 40,095.00**
	ALTERNATE A BID ITEMS																												
64	WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)	LF	151			$ 32.08	$ 4,844.08	$ 30.00	$ 4,530.00	$ 5.00	$ 755.00	$ 27.00	$ 4,077.00	$ 1.00	$ 151.00	$ 12.00	$ 1,812.00	$ 48.50	$ 7,323.50	$ 56.75	$ 8,569.25	$ 0.50	$ 75.50	$ 1.00	$ 151.00	$ 51.00	$ 7,701.00	$ 40.00	$ 6,040.00
65	WATER SERVICE PIPE, PEX, 1-INCH (OPEN CUT)	LF	966			$ 58.00	$ 56,028.00	$ 40.00	$ 38,640.00	$ 10.00	$ 9,660.00	$ 30.50	$ 29,463.00	$ 1.00	$ 966.00	$ 17.00	$ 16,422.00	$ 57.00	$ 55,062.00	$ 51.35	$ 49,604.10	$ 0.50	$ 483.00	$ 10.00	$ 9,660.00	$ 125.00	$ 120,750.00	$ 40.00	$ 38,640.00
	ALTERNATE B BID TOTAL (ITEMS 64-65)						**$ 60,872.08**		**$ 43,170.00**		**$ 10,415.00**		**$ 33,540.00**		**$ 1,117.00**		**$ 18,234.00**		**$ 62,385.50**		**$ 58,173.35**		**$ 558.50**		**$ 9,811.00**		**$ 128,451.00**		**$ 44,680.00**
	TOTAL BASE BID						**$ 561,869.76**		**$ 611,578.00**		**$ 618,237.51**		**$ 618,712.75**		**$ 625,000.01**		**$ 639,904.00**		**$ 670,485.75**		**$ 708,565.15**		**$ 723,801.55**		**$ 735,000.00**		**$ 742,186.00**		**$ 657,969.75**
	TOTAL ALTERNATE A BID						**$ 38,425.36**		**$ 35,610.00**		**$ 43,680.00**		**$ 27,840.00**		**$ 1,117.00**		**$ 13,704.00**		**$ 55,224.50**		**$ 62,909.75**		**$ 558.50**		**$ 4,217.00**		**$ 64,367.00**		**$ 40,095.00**
	TOTAL ALTERNATE B BID						**$ 60,872.08**		**$ 43,170.00**		**$ 10,415.00**		**$ 33,540.00**		**$ 1,117.00**		**$ 18,234.00**		**$ 62,385.50**		**$ 58,173.35**		**$ 558.50**		**$ 9,811.00**		**$ 128,451.00**		**$ 44,680.00**
	TOTAL BASE BID + ALTERNATE A BID						**$ 600,295.12**		**$ 647,188.00**		**$ 661,917.51**		**$ 646,552.75**		**$ 626,117.01**		**$ 653,608.00**		**$ 725,710.25**		**$ 771,474.90**		**$ 724,360.05**		**$ 739,217.00**		**$ 806,553.00**		**$ 698,064.75**
	TOTAL BASE BID + ALTERNATE B BID						**$ 622,741.84**		**$ 654,748.00**		**$ 628,652.51**		**$ 652,252.75**		**$ 626,117.01**		**$ 658,138.00**		**$ 732,871.25**		**$ 766,738.50**		**$ 724,360.05**		**$ 744,811.00**		**$ 870,637.00**		**$ 702,649.75**

CORRECTED NUMBERS FROM BID





Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

DATE:	FEBRUARY 2021
PROJECT NO.:	YO2007
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO1907_Appletree Ct Water Main.MXD

ATTACHEMENT E - LOCATION MAP

N

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #5

Tracking Number

PW 2021-13

Agenda Item Summary Memo

Title: Elizabeth St. & Appletree Ct. Water Main Improvements – PSA

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-13

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 11, 2020
Subject: Elizabeth St and Appletree Court watermain construction engineering agreement

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Summary

Approval of a construction engineering agreement with EEI for Elizabeth St and Appletree Court watermain.

Background

The City Council last discussed the Elizabeth St and Appletree Ct watermain project in Spring 2020 when the project was included in the FY 21 budget proposal but was eventually deferred due to the pandemic. The project has been included in the FY 22 budget proposal and is ready to be constructed in calendar year 2021. Accordingly, EEI has submitted an engineering agreement for our consideration for construction engineering.

The attached contract contains an estimated cost of $68,791 at the hourly rates and amounts shown in Attachment C. These amounts are included in the FY 22 budget.

Recommendation

Staff recommends approval of the construction engineering agreement with EEI for the Elizabeth St and Appletree Court watermain project.

Elizabeth Street and Appletree Court Water Main Improvements
United City of Yorkville, IL
Professional Services Agreement - Construction Engineering

THIS AGREEMENT, by and between the United City of Yorkville, hereinafter referred to as the "City" or “OWNER” and Engineering Enterprises, Inc. hereinafter referred to as the "Contractor" or “ENGINEER” agrees as follows:

A. Services:

ENGINEER agrees to furnish to the City the following services: The ENGINEER shall provide any and all necessary engineering services to the City as indicated on the Scope of Services (Attachment B). Construction engineering will be provided for approximately 1,868 linear feet of 8-inch water main improvements including paving and drainage improvements on Elizabeth Street and Appletree Court (see Attachment E for project limits). Engineering will be in accordance with all City, Standard Specifications for Water and Sewer Construction in Illinois, Illinois Department of Transportation, and Illinois Environmental Protection Agency requirements.

B. Term:

Services will be provided beginning on the date of execution of this agreement and continuing, until terminated by either party upon 7 days written notice to the non-terminating party or upon completion of the Services. Upon termination the ENGINEER shall be compensated for all work performed for the City prior to termination.

C. Compensation and maximum amounts due to ENGINEER:

ENGINEER shall receive as compensation for all work and services to be performed herein, an amount based on the Estimate of Level of Effort and Associated Cost included in Attachment C. Construction Engineering will be paid for Hourly (HR) at the actual rates for services to be performed, currently estimated at $68,791. The hourly rates for this project are shown in the attached 2021 Standard Schedule of Charges (Attachment F). All payments will be made according to the Illinois State Prompt Payment Act and not less than once every thirty days.

D. Changes in Rates of Compensation:

In the event that this contract is designated in Section B hereof as an Ongoing Contract, ENGINEER, on or before February 1st of any given year, shall provide written notice of any change in the rates specified in Section C hereof (or on any attachments hereto) and said changes shall only be effective on and after May 1st of that same year.

E. Ownership of Records and Documents:

ENGINEER agrees that all books and records and other recorded information developed specifically in connection with this agreement shall remain the property of the City. ENGINEER agrees to keep such information confidential and not to disclose or disseminate the information to third parties without the consent of the City. This confidentiality shall not apply to material or information, which would otherwise be subject to public disclosure through the freedom of information act or if already previously disclosed by a third party. Upon termination of this agreement, ENGINEER agrees to return all such materials to the City. The City agrees not to modify any original documents produced by ENGINEER without contractors consent. Modifications of any signed duplicate original document not authorized by ENGINEER will be at OWNER's sole risk and without legal liability to the ENGINEER. Use of any incomplete, unsigned document will, likewise, be at the OWNER's sole risk and without legal liability to the ENGINEER.

F. Governing Law:

This contract shall be governed and construed in accordance with the laws of the State of Illinois. Venue shall be in Kendall County, Illinois.

G. Independent Contractor:

ENGINEER shall have sole control over the manner and means of providing the work and services performed under this agreement. The City's relationship to the ENGINEER under this agreement shall be that of an independent contractor. ENGINEER will not be considered an employee to the City for any purpose.

H. Certifications:

Employment Status: The Contractor certifies that if any of its personnel are an employee of the State of Illinois, they have permission from their employer to perform the service.

Anti-Bribery : The Contractor certifies it is not barred under 30 Illinois Compiled Statutes 500/50-5(a) - (d) from contracting as a result of a conviction for or admission of bribery or attempted bribery of an officer or employee of the State of Illinois or any other state.

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of $600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

Felony Certification: The Contractor certifies that it is not barred pursuant to 30 Illinois Compiled Statutes 500/50-10 from conducting business with the State of Illinois or any agency as a result of being convicted of a felony.

Barred from Contracting : The Contractor certifies that it has not been barred from contracting as a result of a conviction for bid-rigging or bid rotating under 720 Illinois Compiled Statutes 5/33E or similar law of another state.

Drug Free Workplace: The Contractor certifies that it is in compliance with the Drug Free Workplace Act (30 Illinois Compiled Statutes 580) as of the effective date of this contract. The Drug Free Workplace Act requires, in part, that Contractors, with 25 or more employees certify and agree to take steps to ensure a drug free workplace by informing employees of the dangers of drug abuse, of the availability of any treatment or assistance program, of prohibited activities and of sanctions that will be imposed for violations; and that individuals with contracts certify that they will not engage in the manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract.

Non-Discrimination, Certification, and Equal Employment Opportunity : The Contractor agrees to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is specifically incorporated herein. The Contractor shall comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). The Contractor agrees to incorporate this clause into all subcontracts under this Contract.

International Boycott: The Contractor certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act (30 ILCS 582).

Record Retention and Audits: If 30 Illinois Compiled Statutes 500/20-65 requires the Contractor (and any subcontractors) to maintain, for a period of 3 years after the later of the date of completion of this Contract or the date of final payment under the Contract, all books and records relating to the performance of the Contract and necessary to support amounts charged to the City under the Contract. The Contract and all books and records related to the Contract shall be available for review and audit by the City and the Illinois Auditor General. If this Contract is funded from contract/grant funds provided by the U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal

sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

United States Resident Certification: (This certification must be included in all contracts involving personal services by non-resident aliens and foreign entities in accordance with requirements imposed by the Internal Revenue Services for withholding and reporting federal income taxes.) The Contractor certifies that he/she is a: _x_ United States Citizen ___ Resident Alien ___ Non-Resident Alien The Internal Revenue Service requires that taxes be withheld on payments made to non resident aliens for the performance of personal services at the rate of 30%.

Tax Payer Certification : Under penalties of perjury, the Contractor certifies that its Federal Tax Payer Identification Number or Social Security Number is (provided separately) and is doing business as a (check one): ___ Individual ___ Real Estate Agent ___ Sole Proprietorship ___ Government Entity ___ Partnership ___ Tax Exempt Organization (IRC 501(a) only) _x_ Corporation ___ Not for Profit Corporation ___ Trust or Estate ___ Medical and Health Care Services Provider Corp.

I. Indemnification:

ENGINEER shall indemnify and hold harmless the City and City's agents, servants, and employees against all loss, damage, and expense which it may sustain or for which it will become liable on account of injury to or death of persons, or on account of damage to or destruction of property resulting from the performance of work under this agreement by ENGINEER or its Subcontractors, or due to or arising in any manner from the wrongful act or negligence of ENGINEER or its Subcontractors of any employee of any of them. In the event that the either party shall bring any suit, cause of action or counterclaim against the other party, the non-prevailing party shall pay to the prevailing party the cost and expenses incurred to answer and/or defend such action, including reasonable attorney fees and court costs. In no event shall the either party indemnify any other party for the consequences of that party's negligence, including failure to follow the ENGINEER's recommendations.

J. Insurance :

The ENGINEER agrees that it has either attached a copy of all required insurance certificates or that said insurance is not required due to the nature and extent of the types of services rendered hereunder. (Not applicable as having been previously supplied)

K. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attachments. Except for those terms included on the attachments, no additional terms are included as a part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any

manner other than by an agreement in writing signed by both parties. In the event that any provisions of this agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties. The list of attachments are as follows:

Attachment A:	Standard Terms and Conditions
Attachment B:	Scope of Services
Attachment C:	Estimate of Level of Effort and Associated Cost
Attachment D:	Anticipated Project Schedule
Attachment E:	Location Map
Attachment F:	2021 Standard Schedule of Charges

L. Notices:

All notices required to be given under the terms of this agreement shall be given mail, addressed to the parties as follows:

For the City:

City Administrator and City Clerk
United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

For the ENGINEER:

Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove Illinois 60554

Either of the parties may designate in writing from time to time substitute addresses or persons in connection with required notices.

Agreed to this _____day of _____, 2021.

United City of Yorkville:

_____
John Purcell
Mayor

_____
Lisa Pickering
City Clerk

Engineering Enterprises, Inc.:

_____
Brad Sanderson, P.E.
Chief Operating Officer / President

_____
Angie Smith
Executive Assistant

ATTACHMENT A

STANDARD TERMS AND CONDITIONS

Agreement: These Standard Terms and Conditions, together with the Professional Services Agreement, constitute the entire integrated agreement between the OWNER and Engineering Enterprises, Inc. (EEI) (hereinafter "Agreement"), and take precedence over any other provisions between the Parties. These terms may be amended, but only if both parties consent in writing.

Standard of Care: In providing services under this Agreement, the ENGINEER will endeavor to perform in a matter consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under same circumstances in the same locality. ENGINEER makes no other warranties, express or implied, written or oral under this Agreement or otherwise, in connection with ENGINEER'S service.

Construction Engineering and Inspection: The ENGINEER shall not supervise, direct, control, or have authority over any contractor work, nor have authority over or be responsible for the means, methods, techniques sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety of the site, nor for any failure of a contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work.

The ENGINEER neither guarantees the performance of any contractor nor assumes responsibility for contractor's failure to furnish and perform the work in accordance with the contract documents.

The ENGINEER is not responsible for the acts or omissions of any contractor, subcontractor, or supplies, or any of their agents or employees or any other person at the site or otherwise furnishing or performing any work.

Shop drawing and submittal review by the ENGINEER shall apply to only the items in the submissions and only for the purpose of assessing if upon installation or incorporation in the project work they are generally consistent with the construction documents. OWNER agrees that the contractor is solely responsible for the submissions and for compliance with the construction documents. OWNER further agrees that the ENGINEER'S review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend or safety programs or precautions. The ENGINEER'S consideration of a component does not constitute acceptance of the assembled items.

The ENGINEER'S site observation during construction shall be at the times agreed upon in the Project Scope. Through standard, reasonable means the ENGINEER will become generally familiar with observable completed work. If the ENGINEER observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and OWNER for them to address.

Opinion of Probable Construction Costs: ENGINEER'S opinion of probable construction costs represents ENGINEER'S best and reasonable judgment as a professional engineer. OWNER acknowledges that ENGINEER has no control over construction costs of contractor's methods of determining pricing, or over competitive bidding by contractors, or of market conditions or changes thereto. ENGINEER cannot and does not guarantee that proposals, bids or actual construction costs will not vary from ENGINEER'S opinion of probable construction costs.

Copies of Documents & Electronic Compatibility: Copies of Documents that may be relied upon by OWNER are limited to the printed copies (also known as hard copies) that are signed or sealed by the ENGINEER. Files in electronic media format of text, data, graphics, or of other types that are furnished by ENGINEER to OWNER are only for convenience of OWNER. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, ENGINEER makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by ENGINEER at the beginning of the project.

Changed Conditions: If, during the term of this Agreement, circumstances or conditions that were not originally contemplated by or known to the ENGINEER are revealed, to the extent that they affect the scope of services, compensation, schedule, allocation of risks, or other material terms of this Agreement, the ENGINEER may call for renegotiation of appropriate portions of this Agreement. The ENGINEER shall notify the OWNER of the changed conditions necessitating renegotiation, and the ENGINEER and the OWNER shall promptly and in good faith enter into renegotiation of this Agreement to address the changed conditions. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement, in accordance with the termination provision hereof.

Hazardous Conditions: OWNER represents to ENGINEER that to the best of its knowledge no Hazardous Conditions (environmental or otherwise) exist on the project site. If a Hazardous Condition is encountered or alleged, ENGINEER shall have the obligation to notify OWNER and, to the extent of applicable Laws and Regulations, appropriate governmental officials. It is acknowledged by both parties that ENGINEER's scope of services does not include any services related to a Hazardous Condition. In the event ENGINEER or any other party encounters a Hazardous Condition, ENGINEER may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the project affected thereby until OWNER: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the Hazardous Condition; and (ii) warrants that the project site is in full compliance with applicable Laws and Regulations.

Consequential Damages: Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the OWNER nor the ENGINEER, their respective officers, directors, partners, employees, contractors, or subcontractors shall be liable to the other or shall make any claim for any incidental, indirect, or consequential damages arising out of or

connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation, or any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract, and breach of strict or implied warranty. Both the OWNER and the ENGINEER shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.

Termination: This Agreement may be terminated for convenience, without cause, upon fourteen (14) days written notice of either party. In the event of termination, the ENGINEER shall prepare a final invoice and be due compensation as set forth in the Professional Services Agreement for all costs incurred through the date of termination.

Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days' written notice for the following reasons:

(a) Substantial failure by the other party to comply with or perform in accordance with the terms of the Agreement and through no fault of the terminating party;

(b) Assignment of the Agreement or transfer of the project without the prior written consent of the other party;

(c) Suspension of the project or the ENGINEER'S services by the OWNER for a period of greater than ninety (90) calendar days, consecutive or in the aggregate.

(d) Material changes in the conditions under which this Agreement was entered into, the scope of services or the nature of the project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.

Third Party Beneficiaries: Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the OWNER or the ENGINEER. The ENGINEER'S services under this Agreement are being performed solely and exclusively for the OWNER'S benefit, and no other party or entity shall have any claim against the ENGINEER because of this Agreement or the performance or nonperformance of services hereunder. The OWNER and ENGINEER agree to require a similar provision in all contracts with contractors, subcontractors, vendors and other entities involved in this Project to carry out the intent of this provision.

Force Majeure: Each Party shall be excused from the performance of its obligations under this Agreement to the extent that such performance is prevented by force majeure (defined below) and the nonperforming party promptly provides notice of such prevention to the other party. Such excuse shall be continued so long as the condition constituting force majeure continues. The party affected by such force majeure also shall notify the other party of the anticipated duration of such force majeure, any actions being taken to avoid or minimize its effect after such occurrence, and shall take reasonable efforts to remove the condition constituting such force majeure. For purposes of this Agreement, "force majeure" shall include

conditions beyond the control of the parties, including an act of God, acts of terrorism, voluntary or involuntary compliance with any regulation, law or order of any government, war, acts of war (whether war be declared or not), labor strike or lock-out, civil commotion, epidemic, failure or default of public utilities or common carriers, destruction of production facilities or materials by fire, earthquake, storm or like catastrophe. The payment of invoices due and owing hereunder shall in no event be delayed by the payer because of a force majeure affecting the payer.

Additional Terms or Modification: All prior understandings and agreements between the parties are merged into this Agreement, and this Agreement may not be modified orally or in any manner other than by an Agreement in writing signed by both parties. In the event that any provisions of this Agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties.

Assignment: Neither party to this Agreement shall transfer or assign any rights or duties under or interest in this Agreement without the prior written consent of the other party. Subcontracting normally contemplated by the ENGINEER shall not be considered an assignment for purposes of this Agreement.

Waiver: A party's waiver of, or the failure or delay in enforcing any provision of this Agreement shall not constitute a waiver of the provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

Attorney's Fees: In the event of any action or proceeding brought by either party against the other under this Agreement, the prevailing party shall be entitled to recover from the other all costs and expenses including without limitation the reasonable fees of its attorneys in such action or proceeding, including costs of appeal, if any, in such amount as the Court may adjudge reasonable.

Headings: The headings used in this Agreement are inserted only as a matter of convenience only, and in no way define, limit, enlarge, modify, explain or define the text thereof nor affect the construction or interpretation of this Agreement.

Attachment B – Scope of Services
Elizabeth Street and Appletree Court Water Main Improvements
United City of Yorkville, IL

The United City of Yorkville intends to install approximately 1,868 of 8-inch water main and related appurtenances including paving and drainage improvements on Elizabeth Street and Appletree Court.

Our proposed cope of services for **Construction Engineering** will include the following:

3.1 Construction Administration

- Prepare for, Attend and Facilitate the Preconstruction Meeting with the Contractor Including Preparation of Meeting Minutes
- Shop Drawing Review
- Prepare and Handout Construction Notice Flyers to Residents Including Temporary Water Loss Notices
- Coordinate with City Services (Garbage, Mail, Etc.)
- Review Engineering Plans, Specifications and Prepare Field Book
- Prepare Pay Estimates and Change Orders
- Gather Invoices and Waivers of Lien
- Provide Weekly Updates to City or as Required Based on Onsite Activities

3.2 Construction Layout and Record Drawings

- Stake Proposed Water Main and Storm Sewer
- Perform Post Construction Field Survey for Record Drawings
- Prepare and Review Record Drawings

3.3 Construction Observation and Documentation

- Review Staked Water Main and Storm Sewer Layout
- Take Pre-Construction Videos and Photos of Pre-Existing Conditions
- Provide Resident Engineering Services for Construction
- Coordinate Any Required Testing on Behalf of the City and Review Test Reports
- Provide Quantity Tracking, Documentation and Daily Field Reports
- Perform Punch Walks, Prepare Punch List Letters and Provide Follow Up Inspections and Recommend Acceptance When Appropriate (2 Each)
- Prepare Project Closeout Paperwork

The following scope of services will be provided by EEI's Subconsultant:

- Rubino Engineering – Geotechnical Testing for Quality Assurance

The above scope for "Elizabeth Street and Appletree Court Water Main Improvements" summarizes the work items that will be completed for this contract. Additional work items, including additional meetings beyond the meetings defined in the above scope shall be considered outside the scope of base contract and will be billed in accordance with the Standard Schedule of Charges.

Engineering Enterprises, Inc.

Outstanding Service ~ Every Client ~ Every Day

ATTACHMENT C
ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST FOR PROFESSIONAL ENGINEERING SERVICES FOR
ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS
United City of Yorkville, IL
March 9, 2021

WORK ITEM NO.	WORK ITEM	ENTITY:	ENGINEERING				SURVEYING			DRAFTING		ADMIN.	WORK ITEM HOUR SUMM.	COST PER ITEM
		PROJECT ROLE:	PRINCIPAL IN CHARGE	SENIOR PROJECT MANAGER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	SENIOR PROJECT MANAGER	PROJECT MANAGER	PROJECT TECHNICIAN	CAD MANAGER	SENIOR PROJECT TECHNICIAN I	ADMIN.		
		HOURLY RATE:	$217	$212	$162	$147	$206	$185	$158	$158	$147	$70		
CONSTRUCTION ENGINEERING														
3.1	Contract Administration		6	13	9	31	-	-	-	-	-	-	59	$ 10,073
3.2	Construction Layout and Record Drawings		-	1	2	-	-	4	43	-	-	-	50	$ 8,070
3.3	Observation and Documentation		-	4	24	296	-	-	-	-	-	-	324	$ 48,248
	Construction Engineering Subtotal:		**6**	**18**	**35**	**327**	**-**	**4**	**43**	**-**	**-**	**-**	**433**	**$ 66,391**
	PROJECT TOTAL:		**6**	**18**	**35**	**327**	**-**	**4**	**43**	**-**	**-**	**-**	**433**	**66,391**

DIRECT EXPENSES	
Printing =	$ -
Mileage =	$ 300
Material Testing =	$ 2,100
Environmental Assessment =	$ -
DIRECT EXPENSES =	**$ 2,400**

LABOR SUMMARY	
Engineering Expenses =	$ 58,857
Surveying Expenses =	$ 7,534
Drafting Expenses =	$ -
Administrative Expenses =	$ -
TOTAL LABOR EXPENSES =	**$ 66,391**

TOTAL EXPENSES =	**$ 68,791**

Engineering Enterprises, Inc.

Outstanding Service ~ Every Client ~ Every Day

ATTACHMENT D
ANTICIPATED PROJECT SCHEDULE

ELIZABETH STREET AND APPLETREE COURT WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE, IL
March 9, 2021

WORK ITEM NO.	WORK ITEM	Year:	2021																											
		Month:	March				April				May				June				July				August				September				October			
		Week Starting:	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
CONSTRUCTION ENGINEERING																																		
3.1	Contract Administration																																	
3.2	Construction Layout and Record Drawings																																	
3.3	Observation and Documentation																																	

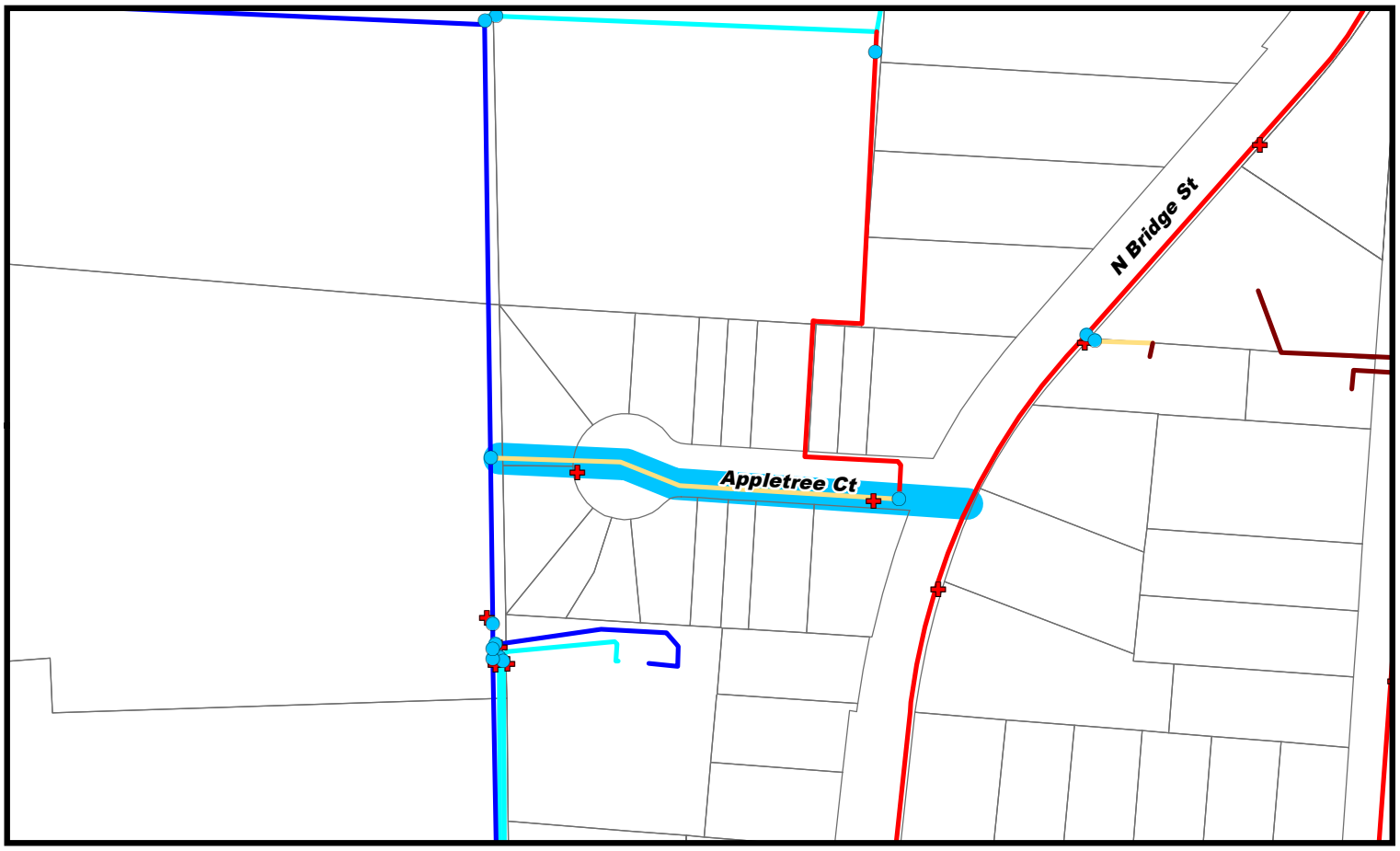
G:\Public\Yorkville\2020\YO2007-P Appletree Court Watermain Replacement\PSA\Construction\[05. Attachment D - Project Schedule.xls]Schedule - March Letting

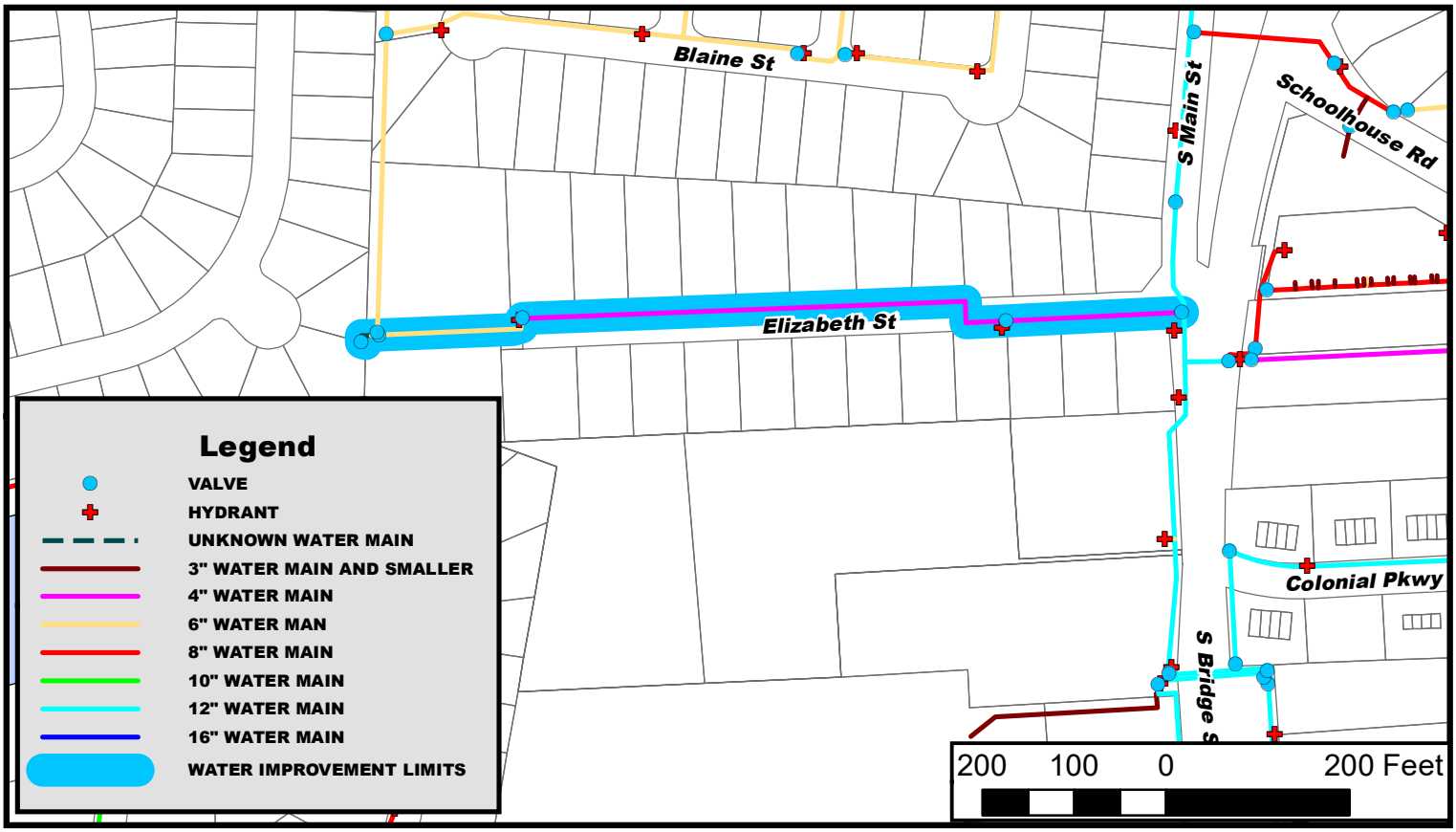
Legend

- Project Management & QC/QA
- Meeting(s)
- Design
- Permitting
- Bidding and Contracting
- Construction

Anticipated Schedule:

Pre Construction Meeting	6/15/2021
Construction Start	6/28/2021
Completion Date	9/30/2021





Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

DATE:	FEBRUARY 2021
PROJECT NO.:	YO2007
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO1907_Appletree Ct Water Main.MXD

ATTACHEMENT E - LOCATION MAP

N

Standard Schedule of Charges

January 1, 2021

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	$217.00
Principal	E-3	$212.00
Senior Project Manager	E-2	$206.00
Project Manager	E-1	$185.00
Senior Project Engineer/Planner/Surveyor II	P-6	$174.00
Senior Project Engineer/Planner/Surveyor I	P-5	$162.00
Project Engineer/Planner/Surveyor	P-4	$147.00
Senior Engineer/Planner/Surveyor	P-3	$135.00
Engineer/Planner/Surveyor	P-2	$123.00
Associate Engineer/Planner/Surveyor	P-1	$110.00
Senior Project Technician II	T-6	$158.00
Senior Project Technician I	T-5	$147.00
Project Technician	T-4	$135.00
Senior Technician	T-3	$123.00
Technician	T-2	$110.00
Associate Technician	T-1	$ 97.00
GIS Technician	G-1	$100.00
Engineering/Land Surveying Intern	I-1	$ 79.00
Administrative Assistant	A-3	$ 70.00

VEHICLES. REPROGRAPHICS, DIRECT COSTS, DRONE AND EXPERT TESTIMONY

Vehicle for Construction Observation		$ 15.00
In-House Scanning and Reproduction	$0.25/Sq. Ft. (Black & White) $1.00/Sq. Ft. (Color)	
Reimbursable Expenses (Direct Costs)	Cost	
Services by Others (Direct Costs)	Cost + 10%	
Unmanned Aircraft System / Unmanned Aerial Vehicle / Drone		$ 200.00
Expert Testimony		$ 250.00

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #6

Tracking Number

PW 2021-14

Agenda Item Summary Memo

Title: Kennedy Road and Mill Road Intersection Improvements Engineering Agreement

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-14

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 11, 2020
Subject: Kennedy and Mill Road intersection design engineering contract

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Summary

Approval of a design engineering agreement with EEI for the Kennedy and Mill Road intersection.

Background

The City Council last discussed the Mill Road project at the February 23rd meeting, when bids for the construction of Mill Road east of the intersection of Mill and Kennedy all the way to the eastern city limits was discussed. Because these bids were significantly under budget, the City Council briefly discussed the completion of the final leg of Mill Road. This intersection design was held back by City Council in 2019 while the County debated the intersection design of Galena and Kennedy, for which they have already moved forward with a traditional traffic signal and intersection. With that design finalized, the City can move forward with the design of the Mill Rd and Kennedy Road intersection. Accordingly, EEI has submitted an engineering agreement for our consideration for design engineering. Construction engineering contracts would be submitted at a later date, likely after bidding for the project has occurred.

The attached contract contains a $51,383 fixed fee amount plus an estimated $6,210 subconsultant cost. These amounts are included in the FY 22 budget.

Recommendation

Staff recommends approval of the design engineering agreement with EEI for the Kennedy and Mill Road intersection.

Agreement for Professional Services
Kennedy Road and Mill Road Intersection Improvements
United City of Yorkville, IL

THIS AGREEMENT, by and between the United City of Yorkville, hereinafter referred to as the "City" or "OWNER" and Engineering Enterprises, Inc. hereinafter referred to as the "Contractor" or "ENGINEER" agrees as follows:

A. Services:

The Engineer shall furnish the necessary personnel, materials, equipment and expertise to make the necessary investigations, analysis and calculations along with exhibits, cost estimates and narrative, to complete all necessary engineering services to the City as indicated on the included Attachment B. Services shall include Preliminary and Design engineering for the roadway improvements at the intersection of Kennedy Road and Mill Road, as shown on Attachment E. All engineering will be performed in accordance to all City and Illinois Department of Transportation requirements.

B. Term:

Services will be provided beginning on the date of execution of this agreement and continuing, until terminated by either party upon 7 days written notice to the non-terminating party or upon completion of the Services. Upon termination the Contractor shall be compensated for all work performed for the City prior to termination.

C. Compensation and maximum amounts due to Contractor:

ENGINEER shall receive as compensation for all work and services to be performed herein, an amount based on the Estimated Level of Effort and Associated Cost included in Attachment C. Preliminary and Design Engineering will be paid for monthly based on the percentage of the project that is complete. The Fixed Fee amount for the Preliminary and Design Engineering for the project is $51,383. The hourly rates for this project are shown in Attachment F. All payments will be made according to the Illinois State Prompt Payment Act and not less than once every thirty days.

For outside services provided by other firms or subconsultants, the City shall pay the ENGINEER the invoiced fee to the ENGINEER, plus 10%. Such outside services include, but are not limited to services to be provided by Rubino Engineering, Inc. Direct Expenses are estimated to be $6,210.

D. Changes in Rates of Compensation:

In the event that this contract extends beyond December 31, 2021, the contractor shall provide written notice of any change in the rates specified in Section C hereof (or on any attachments hereto) and said changes shall only be effective on and after January 1st of

2022. In the event that any rate changes do occur, the new effective rates will not affect the established hourly not-to-exceed rate.

E. Ownership of Records and Documents:

Contractor agrees that all books and records and other recorded information developed specifically in connection with this agreement shall remain the property of the City. Contractor agrees to keep such information confidential and not to disclose or disseminate the information to third parties without the consent of the City. This confidentiality shall not apply to material or information, which would otherwise be subject to public disclosure through the freedom of information act or if already previously disclosed by a third party. Upon termination of this agreement, Contractor agrees to return all such materials to the City. The City agrees not to modify any original documents produced by Contractor without contractors consent. Modifications of any signed duplicate original document not authorized by ENGINEER will be at OWNER's sole risk and without legal liability to the ENGINEER. Use of any incomplete, unsigned document will, likewise, be at the OWNER's sole risk and without legal liability to the ENGINEER.

F. Governing Law:

This contract shall be governed and construed in accordance with the laws of the State of Illinois. Venue shall be in Kendall County, Illinois.

G. Independent Contractor:

Contractor shall have sole control over the manner and means of providing the work and services performed under this agreement. The City's relationship to the Contractor under this agreement shall be that of an independent contractor. Contractor will not be considered an employee to the City for any purpose.

H. Certifications:

Employment Status: The Contractor certifies that if any of its personnel are an employee of the State of Illinois, they have permission from their employer to perform the service.

Anti-Bribery: The Contractor certifies it is not barred under 30 Illinois Compiled Statutes 500/50-5(a) - (d) from contracting as a result of a conviction for or admission of bribery or attempted bribery of an officer or employee of the State of Illinois or any other state.

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of $600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

Felony Certification: The Contractor certifies that it is not barred pursuant to 30 Illinois Compiled Statutes 500/50-10 from conducting business with the State of Illinois or any agency as a result of being convicted of a felony.

Barred from Contracting: The Contractor certifies that it has not been barred from contracting as a result of a conviction for bid-rigging or bid rotating under 720 Illinois Compiled Statutes 5/33E or similar law of another state.

Drug Free Workplace: The Contractor certifies that it is in compliance with the Drug Free Workplace Act (30 Illinois Compiled Statutes 580) as of the effective date of this contract. The Drug Free Workplace Act requires, in part, that Contractors, with 25 or more employees certify and agree to take steps to ensure a drug free workplace by informing employees of the dangers of drug abuse, of the availability of any treatment or assistance program, of prohibited activities and of sanctions that will be imposed for violations; and that individuals with contracts certify that they will not engage in the manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract.

Non-Discrimination, Certification, and Equal Employment Opportunity: The Contractor agrees to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is specifically incorporated herein. The Contractor shall comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). The Contractor agrees to incorporate this clause into all subcontracts under this Contract.

International Boycott: The Contractor certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act (30 ILCS 582).

Record Retention and Audits: If 30 Illinois Compiled Statutes 500/20-65 requires the Contractor (and any subcontractors) to maintain, for a period of 3 years after the later of the date of completion of this Contract or the date of final payment under the Contract, all books and records relating to the performance of the Contract and necessary to support amounts charged to the City under the Contract. The Contract and all books and records related to the Contract shall be available for review and audit by the City and the Illinois Auditor General. If this Contract is funded from contract/grant funds provided by the U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

United States Resident Certification: (This certification must be included in all contracts involving personal services by non-resident aliens and foreign entities in accordance with requirements imposed by the Internal Revenue Services for withholding and reporting federal income taxes.) The Contractor certifies that he/she is a: _x_ United States Citizen ___ Resident Alien ___ Non-Resident Alien The Internal Revenue Service requires that taxes be withheld on payments made to non resident aliens for the performance of personal services at the rate of 30%.

Tax Payer Certification : Under penalties of perjury, the Contractor certifies that its Federal Tax Payer Identification Number or Social Security Number is (provided separately) and is doing business as a (check one): ___ Individual ___ Real Estate Agent ___ Sole Proprietorship ___ Government Entity ___ Partnership ___ Tax Exempt Organization (IRC 501(a) only) _x_ Corporation ___ Not for Profit Corporation ___ Trust or Estate ___ Medical and Health Care Services Provider Corp.

I. Indemnification:

Contractor shall indemnify and hold harmless the City and City's agents, servants, and employees against all loss, damage, and expense which it may sustain or for which it will become liable on account of injury to or death of persons, or on account of damage to or destruction of property resulting from the performance of work under this agreement by Contractor or its Subcontractors, or due to or arising in any manner from the wrongful act or negligence of Contractor or its Subcontractors of any employee of any of them. In the event that the either party shall bring any suit, cause of action or counterclaim against the other party, the non-prevailing party shall pay to the prevailing party the cost and expenses incurred to answer and/or defend such action, including reasonable attorney fees and court costs. In no event shall the either party indemnify any other party for the consequences of that party's negligence, including failure to follow the ENGINEER's recommendations.

J. Insurance:

The ENGINEER agrees that it has either attached a copy of all required insurance certificates or that said insurance is not required due to the nature and extent of the types of services rendered hereunder. (Not applicable as having been previously supplied)

K. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attached Exhibits. Except for those terms included on the Exhibits, no additional terms are included as a part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any manner other than by an agreement in writing signed by both parties. In the event that any provisions of this agreement shall be held to be invalid or unenforceable,

the remaining provisions shall be valid and binding on the parties. The list of Attachments are as follows:

Attachment A:	Standard Terms and Conditions
Attachment B:	Scope of Services
Attachment C:	Estimated Level of Effort and Associated Cost
Attachment D:	Anticipated Project Schedule
Attachment E:	Location Map
Attachment F:	2019 Standard Schedule of Charges

L. Notices:

All notices required to be given under the terms of this agreement shall be given mail, addressed to the parties as follows:

For the City:

City Administrator and City Clerk
United City of Yorkville
800 Game Farm Road
Yorkville, IL 60115

For the ENGINEER:

Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove Illinois 60554

Either of the parties may designate in writing from time to time substitute addresses or persons in connection with required notices.

Agreed to this ___day of _____, 2021.

United City of Yorkville:

_____
John Purcell
Mayor

_____
Lisa Pickering
City Clerk

Engineering Enterprises, Inc.:

_____
Brad Sanderson, P.E.
Chief Operating Officer/President

_____
Joseph W. Cwynar, P.E.
Senior Project Manager

STANDARD TERMS AND CONDITIONS

Agreement: These Standard Terms and Conditions, together with the Professional Services Agreement, constitute the entire integrated agreement between the OWNER and Engineering Enterprises, Inc. (EEI) (hereinafter "Agreement"), and take precedence over any other provisions between the Parties. These terms may be amended, but only if both parties consent in writing.

Standard of Care: In providing services under this Agreement, the ENGINEER will endeavor to perform in a matter consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under same circumstances in the same locality. ENGINEER makes no other warranties, express or implied, written or oral under this Agreement or otherwise, in connection with ENGINEER'S service.

Construction Engineering and Inspection: The ENGINEER shall not supervise, direct, control, or have authority over any contractor work, nor have authority over or be responsible for the means, methods, techniques sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety of the site, nor for any failure of a contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work.

The ENGINEER neither guarantees the performance of any contractor nor assumes responsibility for contractor's failure to furnish and perform the work in accordance with the contract documents.

The ENGINEER is not responsible for the acts or omissions of any contractor, subcontractor, or supplies, or any of their agents or employees or any other person at the site or otherwise furnishing or performing any work.

Shop drawing and submittal review by the ENGINEER shall apply to only the items in the submissions and only for the purpose of assessing if upon installation or incorporation in the project work they are generally consistent with the construction documents. OWNER agrees that the contractor is solely responsible for the submissions and for compliance with the construction documents. OWNER further agrees that the ENGINEER'S review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend or safety programs or precautions. The ENGINEER'S consideration of a component does not constitute acceptance of the assembled items.

The ENGINEER'S site observation during construction shall be at the times agreed upon in the Project Scope. Through standard, reasonable means the ENGINEER will become generally familiar with observable completed work. If the ENGINEER observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and OWNER for them to address.

Opinion of Probable Construction Costs: ENGINEER'S opinion of probable construction costs represents ENGINEER'S best and reasonable judgment as a professional engineer. OWNER acknowledges that ENGINEER has no control over construction costs of contractor's methods of determining pricing, or over competitive bidding by contractors, or of market conditions or changes thereto. ENGINEER cannot and does not guarantee that proposals, bids or actual construction costs will not vary from ENGINEER'S opinion of probable construction costs.

Copies of Documents & Electronic Compatibility: Copies of Documents that may be relied upon by OWNER are limited to the printed copies (also known as hard copies) that are signed or sealed by the ENGINEER. Files in electronic media format of text, data, graphics, or of other types that are furnished by ENGINEER to OWNER are only for convenience of OWNER. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, ENGINEER makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by ENGINEER at the beginning of the project.

Changed Conditions: If, during the term of this Agreement, circumstances or conditions that were not originally contemplated by or known to the ENGINEER are revealed, to the extent that they affect the scope of services, compensation, schedule, allocation of risks, or other material terms of this Agreement, the ENGINEER may call for renegotiation of appropriate portions of this Agreement. The ENGINEER shall notify the OWNER of the changed conditions necessitating renegotiation, and the ENGINEER and the OWNER shall promptly and in good faith enter into renegotiation of this Agreement to address the changed conditions. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement, in accordance with the termination provision hereof.

Hazardous Conditions: OWNER represents to ENGINEER that to the best of its knowledge no Hazardous Conditions (environmental or otherwise) exist on the project site. If a Hazardous Condition is encountered or alleged, ENGINEER shall have the obligation to notify OWNER and, to the extent of applicable Laws and Regulations, appropriate governmental officials. It is acknowledged by both parties that ENGINEER's scope of services does not include any services related to a Hazardous Condition. In the event ENGINEER or any other party encounters a Hazardous Condition, ENGINEER may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the project affected thereby until OWNER: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the Hazardous Condition; and (ii) warrants that the project site is in full compliance with applicable Laws and Regulations.

Consequential Damages: Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the OWNER nor the ENGINEER, their respective officers, directors, partners, employees, contractors, or subcontractors shall be liable to the other or shall make any claim for any incidental, indirect, or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of

income, loss of reputation, or any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract, and breach of strict or implied warranty. Both the OWNER and the ENGINEER shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.

Termination: This Agreement may be terminated for convenience, without cause, upon seven (7) days written notice of either party. In the event of termination, the ENGINEER shall prepare a final invoice and be due compensation as set forth in the Professional Services Agreement for all costs incurred through the date of termination.

Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days' written notice for the following reasons:

(a) Substantial failure by the other party to comply with or perform in accordance with the terms of the Agreement and through no fault of the terminating party;

(b) Assignment of the Agreement or transfer of the project without the prior written consent of the other party;

(c) Suspension of the project or the ENGINEER'S services by the OWNER for a period of greater than ninety (90) calendar days, consecutive or in the aggregate.

(d) Material changes in the conditions under which this Agreement was entered into, the scope of services or the nature of the project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.

Payment of Invoices: Invoices are due and payable within 30 days of receipt unless otherwise agreed to in writing.

Third Party Beneficiaries: Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the OWNER or the ENGINEER. The ENGINEER'S services under this Agreement are being performed solely and exclusively for the OWNER'S benefit, and no other party or entity shall have any claim against the ENGINEER because of this Agreement or the performance or nonperformance of services hereunder. The OWNER and ENGINEER agree to require a similar provision in all contracts with contractors, subcontractors, vendors and other entities involved in this Project to carry out the intent of this provision.

Force Majeure: Each Party shall be excused from the performance of its obligations under this Agreement to the extent that such performance is prevented by force majeure (defined below) and the nonperforming party promptly provides notice of such prevention to the other party. Such excuse shall be continued so long as the condition constituting force majeure continues. The party affected by such force majeure also shall notify the other party of the anticipated duration of such force majeure, any actions being taken to avoid or minimize its effect after such

occurrence, and shall take reasonable efforts to remove the condition constituting such force majeure. For purposes of this Agreement, "force majeure" shall include conditions beyond the control of the parties, including an act of God, acts of terrorism, voluntary or involuntary compliance with any regulation, law or order of any government, war, acts of war (whether war be declared or not), labor strike or lock-out, civil commotion, epidemic, failure or default of public utilities or common carriers, destruction of production facilities or materials by fire, earthquake, storm or like catastrophe. The payment of invoices due and owing hereunder shall in no event be delayed by the payer because of a force majeure affecting the payer.

Additional Terms or Modification: All prior understandings and agreements between the parties are merged into this Agreement, and this Agreement may not be modified orally or in any manner other than by an Agreement in writing signed by both parties. In the event that any provisions of this Agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties.

Assignment: Neither party to this Agreement shall transfer or assign any rights or duties under or interest in this Agreement without the prior written consent of the other party. Subcontracting normally contemplated by the ENGINEER shall not be considered an assignment for purposes of this Agreement.

Waiver: A party's waiver of, or the failure or delay in enforcing any provision of this Agreement shall not constitute a waiver of the provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

Attorney's Fees: In the event of any action or proceeding brought by either party against the other under this Agreement, the prevailing party shall be entitled to recover from the other all costs and expenses including without limitation the reasonable fees of its attorneys in such action or proceeding, including costs of appeal, if any, in such amount as the Court may adjudge reasonable.

Headings: The headings used in this Agreement are inserted only as a matter of convenience only, and in no way define, limit, enlarge, modify, explain or define the text thereof nor affect the construction or interpretation of this Agreement.

Kennedy Road and Mill Road Intersection Improvements
United City of Yorkville, IL
Professional Services Agreement – Preliminary and Design Engineering

Attachment B – Scope of Services

Preliminary Engineering

- Project Management, Coordination, Meetings, and QC/QA
  - Project Kickoff Meeting
    - Establish lines of communication.
    - Present a work plan for the project including schedule milestones, design criteria and a list of information needed from the City to begin design.
    - Acquire existing information from the City including previous reports, plans of recent development and relevant site information
  - Coordination
  - Project Management
  - Project Scheduling (See Attachment D for anticipated project schedule)
- Survey and Data Collection
  - Perform Topographic Survey along Kennedy Road and Mill Road.
  - Obtain, review and inventory roadway, right-of-way, ownership, soil data, etc.
- Geotechnical Investigation
  - Coordinate locations and work to obtain soil boring/pavement cores
  - Perform soil borings/pavement cores for pavement design and grading (Rubino)
  - Prepare Geotechnical Report (Rubino)
- Pavement Design
  - Review Geotechnical Report to determine optimal pavement section and potential areas of concern.
  - Perform Pavement Design
- EcoCAT Submittal and CCDD
  - Perform EcoCAT Submittal
  - CCDD and 662 and 663 Forms (Rubino)
- Utility Coordination
  - Previous J.U.L.I.E. design ticket was performed as part of the Mill Road Reconstruction project.
  - Review and inventory existing utility information to identify potential conflicts
  - Coordination with all public utilities

Design Engineering:

- Project Management, Coordination, Meetings, and QC/QA
  - Project Comment Review Meetings (1 meeting at prefinal plans)
  - Project Management
  - Project Scheduling
  - QC/QA will be performed throughout the project
- Prefinal Plans, Specifications and Cost Estimates
  - Coordinate documentation for CCDD Management of soils.
  - Coordinate with City Staff the final scope of improvements
  - Develop prefinal plans including the following:
    - Title Sheet
    - General Notes
    - Summary of Quantities

        - Existing and Proposed Typical Sections
        - Schedule of Quantities
        - Alignment, Ties and Benchmarks
        - Plan and Profile (1"=20')
        - Traffic Control Typical Sections
        - Suggested Construction Staging Plans
        - Erosion and Sediment Control Plan (1"=20')
        - Drainage and Utilities Plan (1"=20')
        - Intersection Paving Plan (1”=20’)
        - Pavement Marking, Lighting, Signing & Landscaping Plan (1"=20')
        - ADA Details
        - Project Details
        - City Details
        - IDOT District Three and IDOT Details
        - Cross Sections (@ 50 ft stations, 1"=10' horizontal, 1"=5' vertical)
    - Prepare bid package, and ancillary documents, including:
        - BLR12200 – Local Public Agency Formal Contract Proposal
        - BLR12200 A – Schedule of Prices
        - BLR12230 - Bid Bond Form
        - BC57 - Affidavit of Availability
        - Index for Supplemental Specifications and Recurring Special Provisions
        - Check Sheet for Recurring Special Provisions
        - BLR11310 – Special Provisions
        - Bureau of Design and Environment Special Provisions/Check sheets
        - Prevailing Wage
    - Special Provisions in IDOT format
        - Local Roads Special Provisions
        - District Three Special Provisions
        - City Provisions & Details
        - Status of Utilities
    - Calculate Quantities and prepare prefinal Cost Estimate
        - Quantities to be organized by funding source (if necessary)
        - BDE 213 – Estimate of Cost
    - Prepare BDE220A – Estimate of Time Required
    - Perform QC/QA review of prefinal plans, documents and cost estimate
    - Submit prefinal plans to the utility companies as necessary
    - Submit prefinal plans, estimate of cost, estimate of time and special provisions to the City for review.
- Final Plans, Specifications and Cost Estimates
    - Prepare and provide disposition of prefinal plan comments to the City
    - Update plans based on comments received on prefinal plans
    - Update summary of quantities, estimate of cost and estimate of time for final submittal.
    - Update special provisions for final submittal.
    - Perform QC/QA review of final plans, documents and cost estimate
    - Submit final plans, estimate of cost, estimate of time and special provisions to the City and utility companies.

- United City of Yorkville Stormwater Permitting
    - Obtain United City of Yorkville Stormwater Permit
- Bidding Support
    - Answer contractor questions during bidding.

Items not included in the scope:

- Development of Plats and Legals
- Right-of-way Negotiations and Appraisals
- Construction (Phase III) engineering services
- No allowance has been made for a Preliminary Site Investigation (PSI)
- No allowance for a Preliminary Environmental Site Assessment (PESA)
- Design services by a landscape architect. Only basic landscaping will be provided.
- Any special aesthetic features or treatments.
- Existing lighting will be maintained. If lights need to be relocated, it is assumed no lighting design is required.
- No allowance for railroad coordination.
- No allowance for public involvement.
- No traffic signal design.
- Bidding, letting, and contracting.

Engineering Enterprises, Inc.

ATTACHMENT C
ESTIMATED LEVEL OF EFFORT AND ASSOCIATED COST

Kennedy Road and Mill Road Intersection Improvements
United City of Yorkville
February 10, 2021

WORK ITEM NO.	WORK ITEM	ENTITY:	ENGINEERING					SURVEYING			DRAFTING		ADMIN.	WORK ITEM HOUR SUMM.	COST PER ITEM
		PROJECT ROLE:	PRINCIPAL IN CHARGE	SENIOR PROJECT MANAGER	PROJECT MANAGER	SENIOR PROJECT ENGINEER II	PROJECT ENGINEER	SENIOR PROJECT MANAGER	PROJECT MANAGER	SENIOR PROJECT TECHNICIAN II	CAD MANAGER	SENIOR PROJECT TECHNICIAN	ADMIN.		
		HOURLY RATE:	$203	$197	$178	$165	$141	$197	$178	$153	$153	$141	$70		
PRELIMINARY ENGINEERING															
1.1	Preliminary Project Management, Coordination, Meetings and QC/QA		2	8								4	2	16	$ 2,686
1.2	Survey and Data Collection							1	9	14				24	$ 3,941
1.3	Geotechnical Investigation (Coordination, Field Work, Review Report)			2		4								6	$ 1,054
1.4	Pavement Design			2		6								8	$ 1,384
1.5	EcoCAT Submittal and CCDD			2			4					4	2	12	$ 1,662
1.6	Utility Coordination			2		4	4				4		2	16	$ 2,370
	Preliminary Engineering Subtotal:		**2**	**16**	**-**	**14**	**8**	**1**	**9**	**14**	**4**	**8**	**6**	**82**	**13,097**
DESIGN ENGINEERING															
2.1	Design Project Management, Coordination, Meetings and QC/QA		2	8								4	2	16	$ 2,686
2.2	Prefinal Plans, Specifications and Estimates		2	8		56	20				10	60		156	$ 24,032
2.3	Final Plans, Specifications and Estimates		2	2		8	4				4	8		28	$ 4,424
2.4	United City of Yorkville Stormwater Permit			8			16					8	2	34	$ 5,100
2.5	Bidding Support			2		10								12	$ 2,044
	Design Engineering Subtotal:		**6**	**28**	**-**	**74**	**40**	**-**	**-**	**-**	**14**	**80**	**4**	**246**	**$ 38,286**
	PROJECT TOTAL:		**8**	**44**	**-**	**88**	**48**	**1**	**9**	**14**	**18**	**88**	**10**	**328**	**51,383**

DIRECT EXPENSES		
Printing =	$	500
Soil Borings/Pavement Cores (Rubino) =	$	4,710
CCDD - LPC 662/663 (Rubino) =	$	1,000
DIRECT EXPENSES =	**$**	**6,210**

LABOR SUMMARY		
Engineering Expenses =	$	31,580
Surveying Expenses =	$	3,941
Drafting Expenses =	$	15,162
Administrative Expenses =	$	700
TOTAL LABOR EXPENSES =	**$**	**51,383**

TOTAL EXPENSES =	**$**	**57,593**

Engineering Enterprises, Inc.

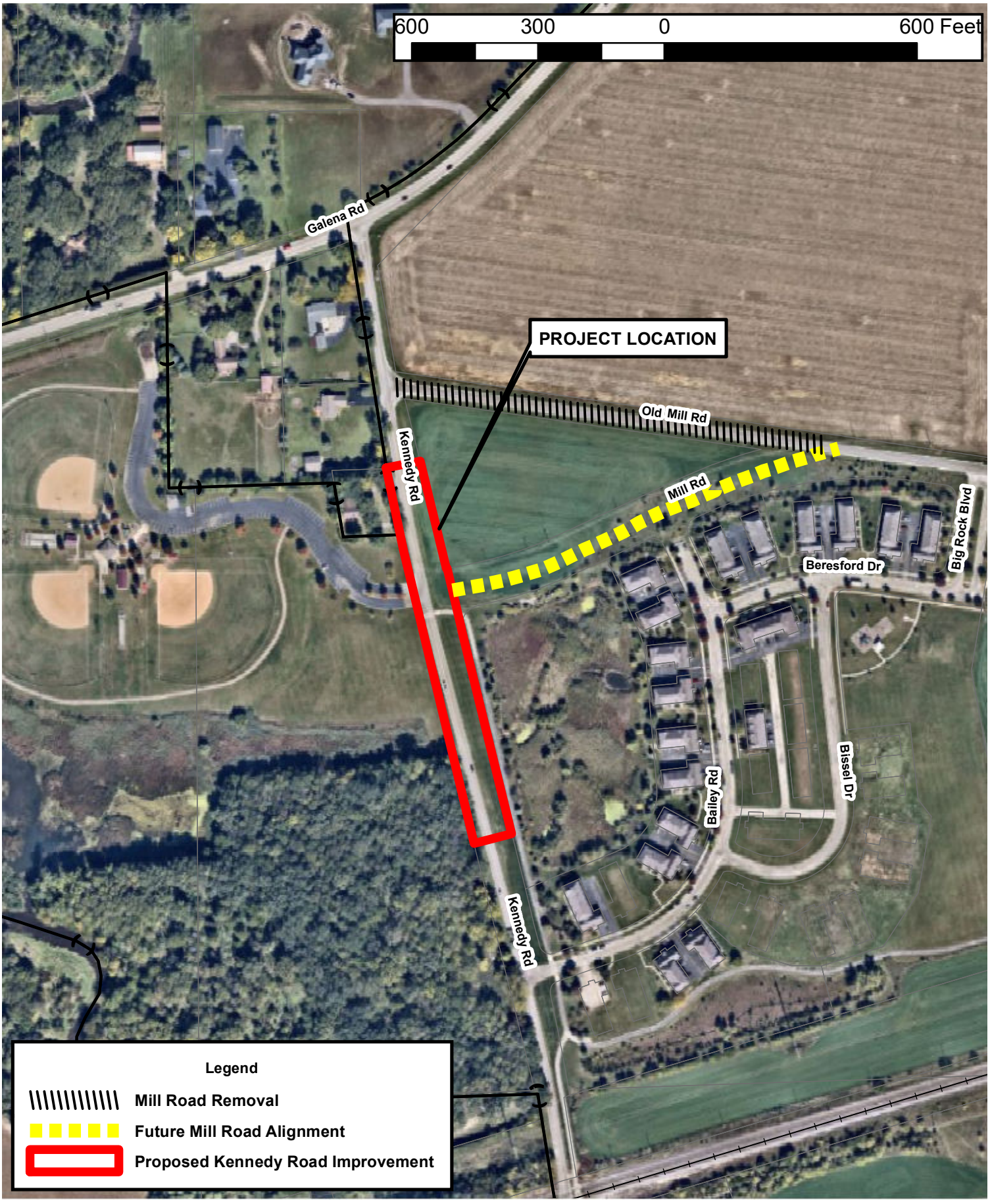
ATTACHMENT D - ANTICIPATED PROJECT SCHEDULE

Kennedy Road and Mill Road Intersection Improvements

United City of Yorkville

February 10, 2021

| WORK ITEM NO. | WORK ITEM | Year: | 2021 | | |



Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560
630-553-4350

DATE:	FEBRUARY 2021
PROJECT NO.:	YO2043
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO2028_Attachment E.MXD

KENNEDY ROAD AND MILL ROAD INTERSECTION IMPROVEMENTS
ATTACHMENT E
LOCATION MAP

N

Attachment F





Standard Schedule of Charges

January 1, 2019

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	$208.00
Principal	E-3	$203.00
Senior Project Manager	E-2	$197.00
Project Manager	E-1	$178.00
Senior Project Engineer/Planner/Surveyor II	P-6	$165.00
Senior Project Engineer/Planner/Surveyor I	P-5	$153.00
Project Engineer/Planner/Surveyor	P-4	$141.00
Senior Engineer/Planner/Surveyor	P-3	$129.00
Engineer/Planner/Surveyor	P-2	$117.00
Associate Engineer/Planner/Surveyor	P-1	$106.00
Senior Project Technician II	T-6	$153.00
Senior Project Technician I	T-5	$141.00
Project Technician	T-4	$129.00
Senior Technician	T-3	$117.00
Technician	T-2	$106.00
Associate Technician	T-1	$ 93.00
Engineering/Land Surveying Intern	I-1	$ 84.00
GIS Technician	G-1	$ 75.00
Administrative Assistant	A-3	$ 70.00

CREW RATES, VEHICLES AND REPROGRAPHICS

1 Man Field Crew with Standard Survey Equipment		$168.00
2 Man Field Crew with Standard Survey Equipment		$262.00
1 Man Field Crew with RTS or GPS *		$208.00
2 Man Field Crew with RTS or GPS *		$302.00
Vehicle for Construction Observation		$15.00
In-House Scanning and Reproduction	$0.25/Sq. Ft. (Black & White) $1.00/Sq. Ft. (Color)	
Reimbursable Direct Costs & Services by Others	Cost + 10%	

*RTS = Robotic Total Station / GPS = Global Positioning System

52 Wheeler Road, Sugar Grove, IL 60554 ~ (630) 466-6700 tel ~ (630) 466-6701 fax ~ www.eeiweb.com

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	■
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #7

Tracking Number

PW 2021-15

Agenda Item Summary Memo

Title: Heartland Circle – Plat of Abrogation (1162 Spring Street)

Meeting and Date: City Council – March 23, 2021

Synopsis: Recommendation to Approve

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-15

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson (Name) Engineering (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Krysti Barksdale-Noble, Community Development Director
Lisa Pickering, City Clerk
Date: March 9, 2021
Subject: Heartland Circle – Plat of Abrogation (1162 Spring Street)

An easement abrogation (vacation) for several public utility easements have been requested by the property owner to aid in obtaining a building permit. The area in question is denoted in the attached plat.

Both City and Private utilities are not contained within the requested area nor should they be needed in the future. The easement is also not needed for drainage purposes. Staff supports and recommends acceptance of the easement abrogation.

Ordinance No. 2021-_____

AN ORDINANCE OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, APPROVING A PLAT OF EASEMENT ABROGATION

WHEREAS, the United City of Yorkville, Kendall County, Illinois (the "*City*") is a duly organized and validly existing non-home rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of this State; and,

WHEREAS, the Mayor and City Council approved a Plat of Subdivision on July 31, 2003, as document number 200300026590 for the Heartland Circle Unit 1 Subdivision providing for a certain easement on Lot 72 for utility and drainage purposes; and,

WHEREAS, the City has received a request from the owner of Lot 72 to abrogate said easement which the City Engineer has confirmed is no longer needed.

NOW THEREFORE BE IT ORDAINED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, that the Plat of Abrogation, attached hereto and made a part hereof abrogating a certain easement recorded upon Lot 72 of the Heartland Circle Unit 1 Subdivision is hereby approved.

This Ordinance shall be in full force and effect immediately from and after its passage and approval according to law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this _____ day of _____, 2021.

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

Approved by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this _____ day of _____, 2021.

_____
Mayor

Attest:

_____
City Clerk

PLAT OF ABROGATION

PINs: 02-33-234-012

OF A PORTION OF THE PUBLIC UTILITY AND DRAINAGE EASEMENT ON LOT 72 IN HEARTLAND CIRCLE UNIT 1, A SUBDIVISION OF PART OF THE WEST HALF OF SECTION 217, AND PART OF THE EAST HALF OF SECTION 28, TOWNSHIP 37 NORTH RANGE 7, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS.

PROPERTY OWNER:
JASON AND KERI PESOLA
1162 SPRING STREET
YORKVILLE, ILLINOIS 60560

CITY ENGINEER'S CERTIFICATE

STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

I, THE UNDERSIGNED, AS CITY ENGINEER OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THIS DOCUMENT IS APPROVED UNDER MY OFFICES THIS _____ DAY OF _____, A.D., 20_____.

_____
CITY ENGINEER

_____
PLEASE TYPE/PRINT NAME

CITY COUNCIL CERTIFICATE

STATE OF ILLINOIS)
) S.S.
COUNTY OF KENDALL)

APPROVED THIS _____ DAY OF _____, A.D., 20_____, BY THE CITY COUNCIL OF THE UNITED CITY OF YORKVILLE, PURSUANT TO ORDINANCE/RESOLUTION NUMBER _____.

BY: _____
MAYOR

ATTEST: _____
CITY CLERK

FRANCHISE CERTIFICATE

STATE OF ILLINOIS)
) S.S.
COUNTY OF _____)

THE UNDERSIGNED HEREBY CERTIFY THAT THERE ARE NO EXISTING FACILITIES WITHIN PORTION OF THE EASEMENTS AREAS DESIGNATED HEREON AS "HEREBY ABROGATED" AND FURTHER CERTIFY AS AGENT FOR THEIR RESPECTIVE UTILITY, ALL RIGHTS CURRENTLY EXISTING WITHIN SAID EASEMENT AREAS ARE HEREBY ABROGATED AND VACATED.

NICOR:

THIS _____DAY OF _____A.D. 20_____.

_____ _____
TITLE WITNESS

AT&T:

THIS _____DAY OF _____A.D. 20_____.

_____ _____
TITLE WITNESS

COMMONWEALTH EDISON:

THIS _____DAY OF _____A.D. 20_____.

_____ _____
TITLE WITNESS

COMCAST:

THIS _____DAY OF _____A.D. 20_____.

_____ _____
TITLE WITNESS

METRONET:

THIS _____DAY OF _____A.D. 20_____.

_____ _____
TITLE WITNESS

NOTES:
* This map was created for use as Plat of Abrogation.
* This map is not to be used for any construction or staking purposes without consent from a proper agent of HR Green, Inc.
* This IS NOT a Plat of Survey. No assumptions or agreements as to ownership, use, or possession can be conveyed from this document.
* No underground improvements have been located unless shown and noted.
* No distance should be assumed by scaling.
* This map is void without original embossed or red colored seal and signature affixed.

2/5/2021 4:41:19 PM
J:\2020\201681\Survey\Dwg\201681-ABROGATION.dwg

Xrefs: 190390-FP_Base

LEGAL DESCRIPTIONS OF PUBLIC UTILITY AND DRAINAGE EASEMENT HEREBY ABROGATED

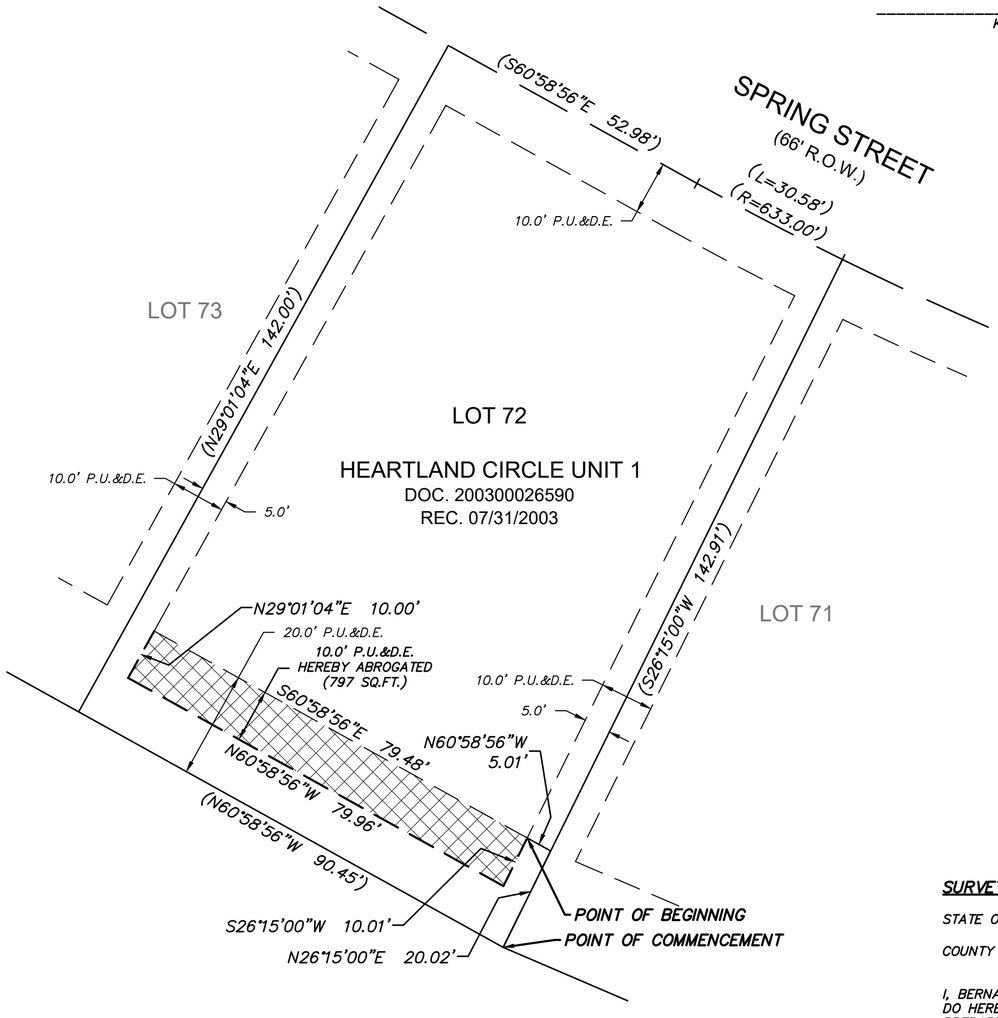
A PORTION OF THE PUBLIC UTILITY AND DRAINAGE EASEMENT LOCATED UPON LOT 72 IN HEARTLAND CIRCLE UNIT 1, ACCORDING TO THE PLAT THEREOF RECORDED JULY 31, 2003 AS DOCUMENT 200300026590, IN KENDALL COUNTY, ILLINOIS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHERLY MOST CORNER OF SAID LOT 72; THENCE NORTH 26 DEGREES 15 MINUTES 00 SECONDS EAST, ALONG THE SOUTHEASTERLY LINE OF SAID LOT 72, 20.02 FEET; THENCE NORTH 60 DEGREES 58 MINUTES 56 SECONDS WEST, PARALLEL WITH THE SOUTHWESTERLY LINE OF SAID LOT 72 10.01 FEET FOR A POINT OF BEGINNING; THENCE SOUTH 26 DEGREES 15 MINUTES 00 SECONDS WEST PARALLEL WITH SAID SOUTHEASTERLY LINE, 10.01 FEET; THENCE NORTH 60 DEGREES 58 MINUTES 56 SECONDS WEST, PARALLEL WITH SAID SOUTHWESTERLY LINE, 79.96 FEET; THENCE NORTH 29 DEGREES 01 MINUTES 04 SECONDS EAST, PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT 72, 10.00 FEET; THENCE SOUTH 60 DEGREES 58 MINUTES 56 SECONDS EAST, PARALLEL WITH SAID SOUTHWESTERLY LINE, 79.48 FEET TO SAID POINT OF BEGINNING, IN KENDALL COUNTY.

RECORDER'S CERTIFICATE

STATE OF ILLINOIS)
)S.S.
COUNTY OF KENDALL)

THIS INSTRUMENT NO. _____ WAS FILED FOR RECORD IN THE RECORDER'S OFFICE OF KENDALL COUNTY, ILLINOIS. ON THIS _____ DAY OF _____, 20_____, AT _____O'CLOCK ____.M.

_____
KENDALL COUNTY RECORDER



GRAPHIC SCALE
50 0 10 20 40
(IN FEET)
1 inch = 20 ft.

HATCH LEGEND
PUBLIC UTILITY & DRAINAGE EASEMENT (P.U.&D.E.) HEREBY ABROGATED

MISCELLANEOUS NOTES

1. ANNOTATION ABBREVIATIONS –
   P.O.C = POINT OF COMMENCEMENT.
   P.O.B = POINT OF BEGINNING
   P.U.&D.E. = PUBLIC UTILITY & DRAINAGE EASEMENT
2. BEARINGS AND DISTANCES BASED ON RECORDED PLAT OF HEARTLAND CIRCLE UNIT 1, PER DOCUMENT 200300026590
3. EASEMENTS SHOWN HEREON WERE GRANTED PER PLAT OF HEARTLAND CIRCLE UNIT 1, PER DOCUMENT 200300026590

SURVEYOR'S CERTIFICATION

STATE OF ILLINOIS)
) S.S.
COUNTY OF KANE)

I, BERNARD J. BAUER, ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3799, DO HEREBY CERTIFY THAT THE PLAT OF ABROGATION HEREON DRAWN WAS PREPARED USING PREVIOUS SURVEY INFORMATION AND MAPS, PLATS AND OTHER INSTRUMENTS OF RECORD FOR THE USES AND PURPOSES HEREIN SET FORTH.

DATED AT AURORA, KANE COUNTY, ILLINOIS FEBRUARY 05, A.D. 2021.

_____
BERNARD J. BAUER, P.L.S. (bbauer@hrgreen.com)
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3799
LICENSE EXPIRATION DATE: 11/30/2022

NO.	DATE	BY	REVISION DESCRIPTION

Illinois Professional Design Firm # 184-001322
2363 Sequoia Drive, Suite 101
Aurora, Illinois 60506
t. 630.553.7560 f. 630.553.7646
www.hrgreen.com
HRGreen

PLAT OF ABROGATION OF PUBLIC UTILITY AND DRAINAGE EASEMENT OVER A PORTION 1162 SPRING STREET UNITED CITY OF YORKVILLE KENDALL COUNTY, ILLINOIS

BAR IS ONE INCH ON OFFICIAL DRAWINGS
0 1"
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY

DRAWN BY: BJB
APPROVED: MD
JOB DATE: 12/23/2020
JOB NO: 201681

SHEET
1 0F 1

Reviewed By:	
Legal	☐
Finance	☐
Engineer	■
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #8

Tracking Number

PW 2021-17

Agenda Item Summary Memo

Title: Stop Sign Analysis – Freemont and Somonauk Streets

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-17

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson (Name) Engineering (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Krysti Barksdale-Noble, Community Dev. Dir.
Lisa Pickering, City Clerk
Date: February 23, 2021

Subject: Somonauk Street and Freemont Street – Multi-Way Stop Sign Analysis

---

As requested, we investigated the possible installation of multi-way stop signs at the following intersections:

- Somonauk Street and Freemont Street

EEI collected 24-hour traffic counts via on-road tube collectors for the intersection of Somonauk Street and Freemont Street on Wednesday, January 13, 2021. We also collected seven-day speed data from Wednesday, February 10, 2021 to Tuesday, February 16, 2021 via bi-directional traffic collector radar detection along Somonauk Street.

The governing entity on traffic control signage is the Manual on Uniform Traffic Control Devices (MUTCD). The manual states as follows in regard to stop sign installation:

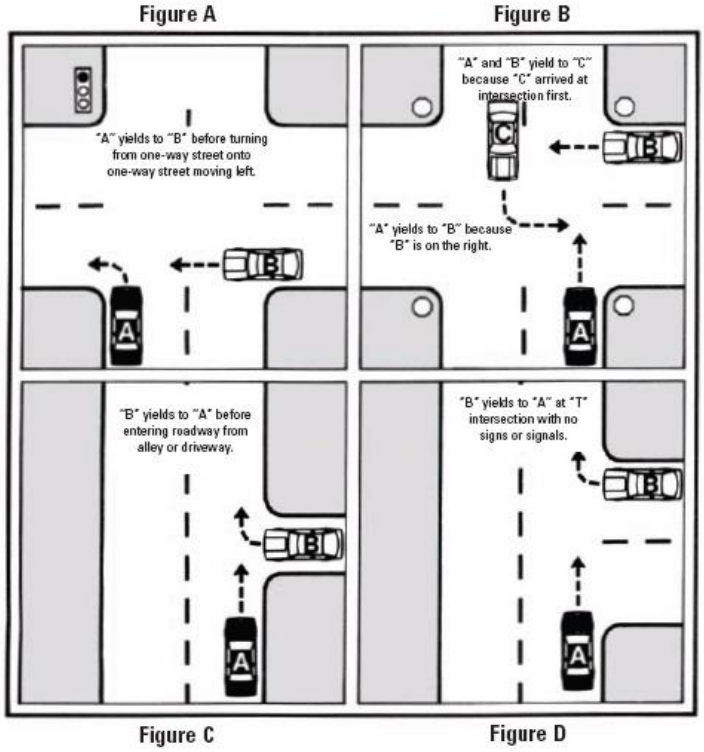
> *Guidance:*
> *Engineering judgment should be used to establish intersection control. The following factors should be considered:*
>
> *A. Vehicular, bicycle, and pedestrian traffic volumes on all approaches;*
> *B. Number and angle of approaches;*
> *C. Approach speeds;*
> *D. Sight distance available on each approach; and*
> *E. Reported crash experience.*
>
> *YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:*
>
> *A. An intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;*
> *B. A street entering a designated through highway or street; and/or*
> *C. An unsignalized intersection in a signalized area.*
>
> *In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:*
>
> *A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;*
> *B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or*

C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.

Yield or Stop signs should not be used for speed control.

At unsigned intersections, the application of the normal right-of-way rules would apply.

Figure D taken from the Illinois Drivers Manual shows that the minor roadway should yield to traffic on the major roadway at uncontrolled intersections.



Our findings were as follows:

- Currently there is only YIELD signage control at the intersection of Somonauk Street and Freemont Street with Freemont subject to yield signage.
- **Somonauk Street and Freemont Street**
    - The traffic volume appears to exceed 2,000 units per day, hence the existing YIELD signage along Freemont Street.
    - The vehicular volumes entering the intersection from the major street approaches (Somonauk Street) appears to be below 300 vehicles per hour for any 8 hours of an average day.
    - The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street (Freemont Street) appears to be below 200 units per hour for the same 8 hours.
    - There are no sight distance constraints.
    - The accident history is below the threshold warranting mutli-way stop signs.
    - This intersection does not appear to be a good candidate for a multi-way stop sign based on the above criteria. However, **EEI recommends replacing the existing YIELD**

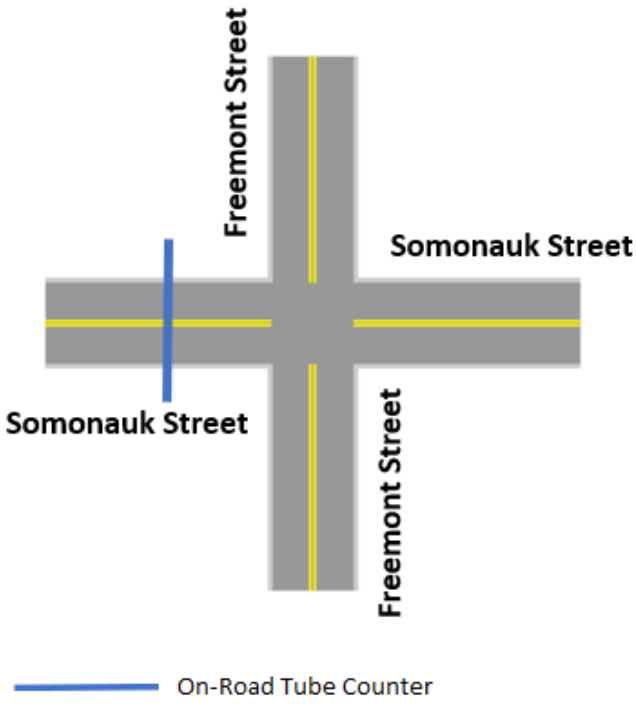
signage with STOP signage along Freemont Street to force motorists to come to a complete stop.

- **Somonauk Street Speed Evaluation**
  - Posted speed: not posted (assumed 30 MPH)
  - Average speed: 29.7 MPH
  - 85th percentile speed: 35 MPH
  - Stop signs are not meant to control vehicular speed.
  - This segment of roadway does not appear to be a good candidate for a multi-way stop sign based on the above criteria.
  - **EEI recommends installing a posted speed limit for both the eastbound and westbound directions along Somonauk Street.**

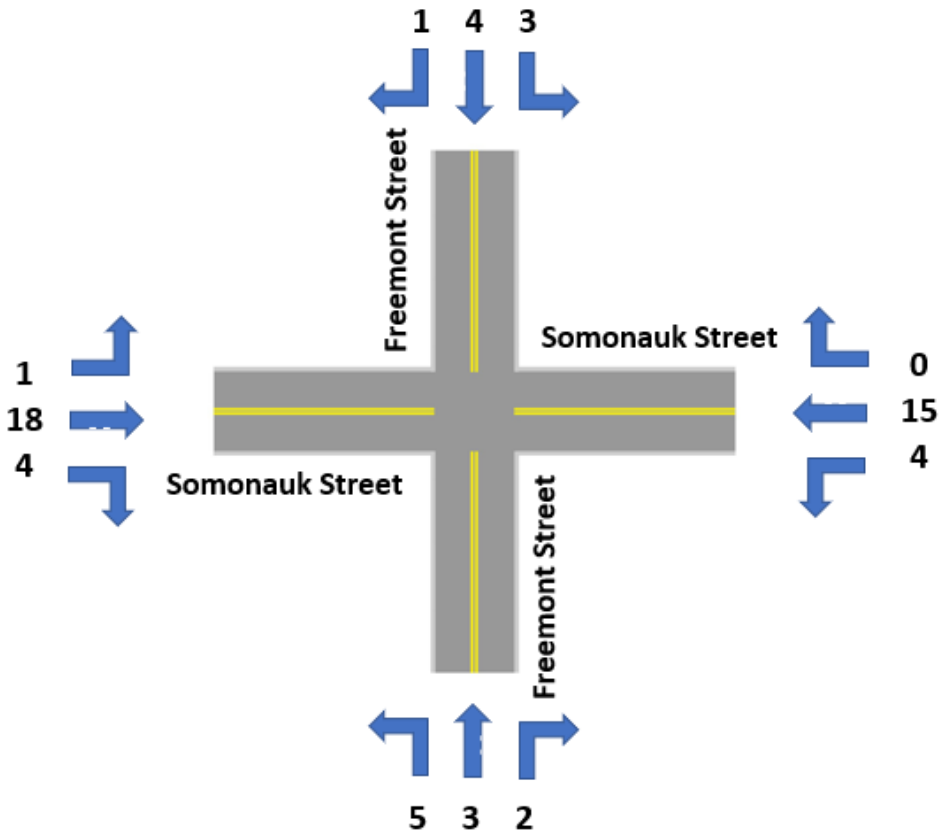
Crash History Reports (provided by the City)

141293	E SOMONAUK ST / FREEMONT ST	9/16/2014 21:03	PROPERTY DAMAGE
151663	E SOMONAUK ST / FREEMONT ST	12/5/2015 8:33	PROPERTY DAMAGE
110234	E SOMONAUK ST / FREEMONT ST	2/6/2011 11:06	PROPERTY DAMAGE
131778	E SOMONAUK ST / FREEMONT ST	12/23/2013 15:38	PROPERTY DAMAGE
180022	E SOMONAUK ST / FREEMONT ST	1/4/2018 17:26	PROPERTY DAMAGE
191750	E SOMONAUK ST / FREEMONT ST	11/15/2019 7:03	PROPERTY DAMAGE
200236	E SOMONAUK ST / FREEMONT ST	2/14/2020 16:17	PROPERTY DAMAGE
202215	E SOMONAUK ST / FREEMONT ST	12/24/2020 18:30	PERSONAL INJURY
161703	FREEMONT ST / E SOMONAUK ST	11/23/2016 23:00	PROPERTY DAMAGE
181504	FREEMONT ST / E SOMONAUK ST	9/20/2018 14:30	PROPERTY DAMAGE
200949	FREEMONT ST / E SOMONAUK ST	7/7/2020 20:45	PROPERTY DAMAGE

Traffic On-Road Tube Collectors Locations



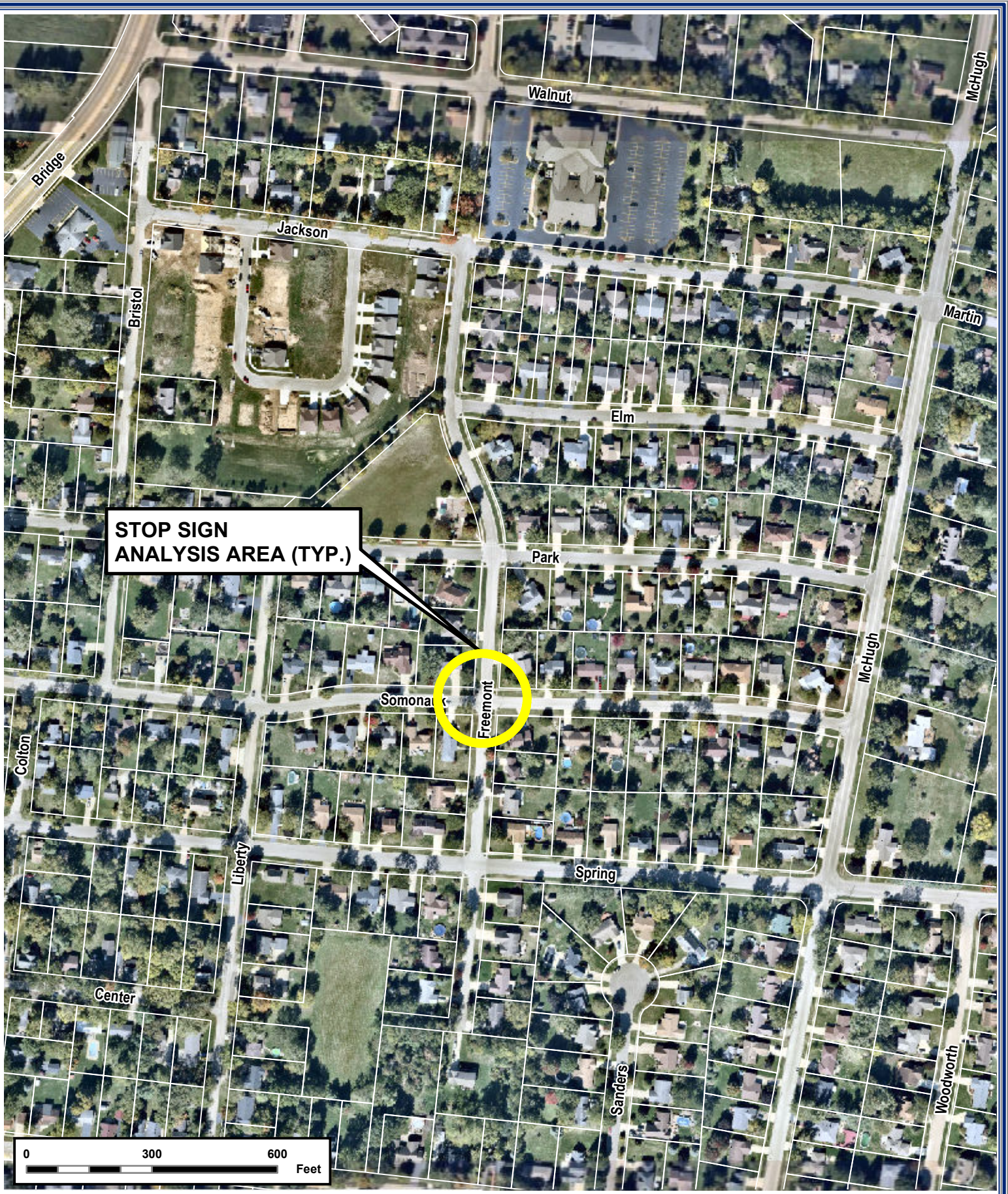
Field-Observed 20-minute Traffic Counts (7:40 AM – 8:00 AM)



Total 20-minute count: 60 vehicles

Extrapolated 60-minute count: 180 vehicles/hour

Extrapolated 24-hour count: 4,320 vehicles/day



Engineering Enterprises
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

DATE:	FEBRUARY 2021
PROJECT NO.:	YO1107-C
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2011\
FILE:	YO1107-Location of Analysis North.mxd

FREEMONT & SOMONAUK ST STOP SIGN ANALYSIS

N

UNITED CITY OF YORKVILLE
MULTI-WAY STOP
PRELIMINARY ENGINEERING EVALUATION

Location: SOMONAUK STREET AND FREEMONT STREET

Primary Criteria to Consider*

Criteria Met			Criteria**
Yes	Additional Study Required	No	
☐	☐	☑	A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.
☐	☐	☑	B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.
			C. Minimum Volumes:
☐	☐	☑	1. The vehicular volume entering the intersections from the major street approaches (total of both approaches)averages at least 300 vehicles per hour for any 8 hours of an average day; and
☐	☐	☑	2. The combined vehicular, pedestrian, and bicycle volume entering the intersections from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but
☐	☐	☑	3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.
☐	☐	☑	D. Where no single criterion is satisfied, but where Criteria B, C.1 and C.2 are all satisfied to 80 percent of the minimum values, criterion C.3 is excluded from this condition.
☐	☐	☑	E. The need to control left-turn conflicts;
☐	☐	☑	F. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
☐	☐	☑	G. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and
☐	☐	☑	H. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

Based on a preliminary review of the criteria for a multi-way stop sign the following action is recommended:

- ☐ Criteria are clearly met recommending installation of a multi-way stop
- ☑ Criteria are not clearly met at this time - no further action recommended
- ☐ Criteria may or may not be met - additional engineering study required

By: _____ Date: 2-1-21

SR PROJECT ENGINEER II
Title

By: _____ Date: _____

CHIEF OPERATING OFFICER / PRESIDENT
Title

* Based upon Professional Engineer's Review
** Manual on Uniform Traffic Control Devices (MUTCD)

	WEST LEG OF SOMONAUK STREET FACING EAST
	SOUTH LEG OF FREEMONT STREET FACING NORTH

	NORTH LEG OF FREEMONT STREET FACING SOUTH

Ordinance No. 2021-_____

**ORDINANCE OF THE UNITED CITY OF YORKVILLE,
KENDALL COUNTY, ILLINOIS
AMENDING THE TRAFFIC SCHEDULE AND INDEX**

WHEREAS, the United City of Yorkville, Kendall County, Illinois, has designated certain intersections within the City as stop intersections and has identified the corner for placement of stop signs at such intersections; and,

WHEREAS, the United City of Yorkville, Kendall County, Illinois, has designated certain intersections within the City as yield intersections and has identified the corner for placement of yield signs at such intersections; and,

WHEREAS, after extensive investigation and study of traffic patterns, it has been determined that additional intersections should be designated as stop intersections; and,

WHEREAS, the additional stop intersections, as hereinafter set forth, have been determined to be in conformance with the current Manual on Uniform Traffic Control Devices.

NOW THEREFORE BE IT ORDAINED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, that the traffic schedule and index regarding stop sign and yield sign control is hereby amended by revising the following:

Section I. The Traffic Schedule and Index regarding Yield Sign Control is hereby by deleting the following:

1) Freemont Street to Yield for Somonauk Street

Section II. The Traffic Schedule and Index regarding Stop Sign Control is hereby amended by adding the following as a Two-Way Stop Intersection:

1) Freemont Street to Stop for Somonauk Street

Section III. This Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois, this ____ day of _____, A.D. 2021.

_____
City Clerk

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this _____ day of _____, A.D. 2021.

_____
Mayor

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #9

Tracking Number

PW 2021-18

Agenda Item Summary Memo

Title: EEI Hourly Rate Request

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-18

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 11, 2021
Subject: EEI rate request

Summary

Consideration of a request from EEI to increase standard hourly rates for employees under the City's base contract and any supplemental contracts.

Background

This item was last discussed by the City Council in Spring 2019, when the City Council approved EEI's hourly rate request. Since then, EEI initially proposed an hourly rate increase in 2020 and then withdrew that request at the beginning of the pandemic. The attached documents show the 2021 rate requests, the withdrawn 2020 rate requests, and the comparison between the 2021 rates and the 2019 rates. In general, EEI is requesting inflationary type increases for each category.

These hourly rates are used as the unit price for supplemental engineering contracts like the three on the Public Works Committee agenda for consideration, but are also used in the City's base contract. Because the City has not modified the amount of the base level contract in a number of years, the City will receive marginally fewer hours in 2021.

Recommendation

Staff recommends approval of the 2021 EEI rate request.

Engineering Enterprises, Inc.

January 25, 2021

Mr. Bart Olson
City Administrator
United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

Re: Proposed Changes in Hourly Rates and Expenses

Dear Mr. Olson:

This letter is to submit our request for changes in rates of compensation effective as soon as practical per our agreement.

The requested changes are in the hourly rates for various classifications of employees in accordance with our enclosed Standard Schedule of Charges (SSC) dated January 1, 2021. Also enclosed is our current summary of Personnel, Positions and Classifications to cross reference with the hourly rates for the individuals to whom they apply.

We believe that we have excellent personnel whom we have been able to retain through our continued investment in salary, benefits, education, equipment and facilities. We also believe that they provide an exceptional value to our clients.

We hope that you will honor our request so that we can continue to provide the high level of service that you expect and deserve. We are available to answer any questions or receive any comments that you may have.

Respectfully yours,

ENGINEERING ENTERPRISES, INC.

Bradley P. Sanderson, P.E.
Chief Operating Officer / President

BPS/ars
Enclosures

pc: Ms. Erin Willrett, Assistant City Administrator
DMT, EEI

\\Milkyway\EEI_Storage\Docs\Public\Yorkville\2021\YO2100-C Yorkville - General\Docs\lcofyo - rate change for 2021.docx

Standard Schedule of Charges

January 1, 2021

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	$217.00
Principal	E-3	$212.00
Senior Project Manager	E-2	$206.00
Project Manager	E-1	$185.00
Senior Project Engineer/Planner/Surveyor II	P-6	$174.00
Senior Project Engineer/Planner/Surveyor I	P-5	$162.00
Project Engineer/Planner/Surveyor	P-4	$147.00
Senior Engineer/Planner/Surveyor	P-3	$135.00
Engineer/Planner/Surveyor	P-2	$123.00
Associate Engineer/Planner/Surveyor	P-1	$110.00
Senior Project Technician II	T-6	$158.00
Senior Project Technician I	T-5	$147.00
Project Technician	T-4	$135.00
Senior Technician	T-3	$123.00
Technician	T-2	$110.00
Associate Technician	T-1	$ 97.00
GIS Technician	G-1	$100.00
Engineering/Land Surveying Intern	I-1	$ 79.00
Administrative Assistant	A-3	$ 70.00

VEHICLES. REPROGRAPHICS, DIRECT COSTS, DRONE AND EXPERT TESTIMONY

Vehicle for Construction Observation		$ 15.00
In-House Scanning and Reproduction	$0.25/Sq. Ft. (Black & White) $1.00/Sq. Ft. (Color)	
Reimbursable Expenses (Direct Costs)	Cost	
Services by Others (Direct Costs)	Cost + 10%	
Unmanned Aircraft System / Unmanned Aerial Vehicle / Drone		$ 200.00
Expert Testimony		$ 250.00

Personnel, Positions, and Classifications

Peter G. Wallers, P.E., CFM *Chairman*	E-4
Jeffrey W. Freeman, P.E., CFM, LEED AP *Chief Executive Officer*	E-4
Bradley P. Sanderson, P.E. *Chief Operating Officer / President*	E-4
Denise M. Migliorini *Chief Financial Officer / Vice President*	E-4
Stephen T. Dennison, P.E. *Senior Project Manager / Principal*	E-3
Julie A. Morrison, P.E. *Senior Project Manager / Principal*	E-3
Michele L. Piotrowski, P.E., LEED AP *Senior Project Manager / Principal*	E-3
John T. Whitehouse, P.E., P.L.S. *Senior Project Manager*	E-2
Timothy N. Paulson, P.E., CFM *Senior Project Manager*	E-2
Mark G. Scheller, P.L.S. *Senior Project Manager*	E-2
Joseph W. Cwynar, P.E. *Senior Project Manager*	E-2
Timothy G. Holdeman *Director of Business Development*	E-2
Keith E. Powell, P.E. *Project Manager*	E-1
Christopher E. Peterson, P.L.S. *Project Manager*	E-1
Curtis P. Dettmann, P.E. *Project Manager*	E-1
Christopher F. Buckley, P.E., BCEE *Project Manager*	E-1
Todd A. Wells, P.E., CPII *Senior Project Engineer II*	P-6
Kyle D. Welte, P.E., CPII *Senior Project Engineer II*	P-6
Christopher J. Ott, P.E., CPII *Senior Project Engineer II*	P-6
Douglas H. Keppy, P.E. *Senior Project Engineer II*	P-6
Christopher R. Walton, P.E. *Senior Project Engineer II*	P-6
Kristen M. Meehan, P.E. *Senior Project Engineer II*	P-6
Ryan M. Sikes, P.E., PTOE *Senior Project Engineer II*	P-6
Colleen C. Jaltuch, P.E., LEED AP BD&C *Senior Project Engineer II*	P-6
Michael W. Schweisthal, P.E. *Senior Project Engineer I*	P-5
Nadia L. Schweisthal, P.E., CPII *Senior Project Engineer I*	P-5
Brandon C. Stahl, E.I. *Project Engineer*	P-4
Jake H. Seger, CFM, E.I. *Project Engineer*	P-4
Ali Ghassemi, Ph.D., E.I. *Project Engineer*	P-4
Kamelia Afshinnia, Ph.D., E.I. *Project Engineer*	P-4
Brandon B. Kramer *Project Engineer*	P-4
Jennifer A. Marten *Project Engineer*	P-4
Zachary C. Gutierrez, E.I. *Project Engineer*	P-4
Natasha P. Woodlock *Project Engineer*	P-4
David S. Stewart *Senior Project Technician II*	T-6
Kristopher K. Pung *CAD Manager*	T-6
Joshua M. Boatman *Senior Project Technician II (Field)*	T-6
James P. Schmidt *Senior Project Technician I (CAD)*	T-5
Richard B. Rodgers *Senior Project Technician I (Field)*	T-5
Joseph P. Scheller *Senior Technician (Field)*	T-3
Matthew J. Taylor *CAD/GIS Technician*	T-2
Angela R. Smith *Executive Assistant/Marketing Coordinator*	A-3
Deborah R. Anderson *Administrative Assistant*	A-3
Denise M. Thelander *Accounting Assistant*	A-3
Angela D. McCoy *Accounting Assistant*	A-3
Mollie B. Jeter *Accounting/Administrative Assistant*	A-3

Legend:
P.E. = Professional Engineer
E.I. = Engineer Intern
CPII = Certified Public Infrastructure Inspector
E = Executive
T = Technical
A = Administrative
P.L.S. = Professional Land Surveyor
CFM = Certified Floodplain Manager
LEED AP = Leadership in Energy and Environmental Design Accredited Professional
P = Professional
I = Intern
G = GIS

01/11/21

52 Wheeler Road, Sugar Grove, IL 60554 ~ (630) 466-6700 tel ~ (630) 466-6701 fax ~ www.eeiweb.com

ENGINEERING ENTERPRISES, INC.

STANDARD SCHEDULE(S) OF CHARGES

Classification / Designation	2019 Rates	(Foregone) 2020 Rates	% change 2019-2020	(Proposed) 2021 Rates	% Change 2019-2021
E-4	208.00	214.00	2.9%	217.00	4.3%
E-3	203.00	209.00	3.0%	212.00	4.4%
E-2	197.00	203.00	3.0%	206.00	4.6%
E-1	178.00	183.00	2.8%	185.00	3.9%
P-6	165.00	172.00	4.2%	174.00	5.5%
P-5	153.00	160.00	4.6%	162.00	5.9%
P-4	141.00	145.00	2.8%	147.00	4.3%
P-3	129.00	133.00	3.1%	135.00	4.7%
P-2	117.00	121.00	3.4%	123.00	5.1%
P-1	106.00	109.00	2.8%	110.00	3.8%
T-6	153.00	158.00	3.3%	158.00	3.3%
T-5	141.00	145.00	2.8%	147.00	4.3%
T-4	129.00	133.00	3.1%	135.00	4.7%
T-3	117.00	121.00	3.4%	123.00	5.1%
T-2	106.00	109.00	2.8%	110.00	3.8%
T-1	93.00	96.00	3.2%	97.00	4.3%
G-1	75.00	90.00	20.0%	100.00	33.3%
I-1	84.00	79.00	-6.0%	79.00	-6.0%
A-3	70.00	70.00	0.0%	70.00	0.0%
1 Man Field Crew with Standard Survey Equipment	168.00			NA	
2 Man Field Crew with Standard Survey Equipment	262.00			NA	
1 Man Field Crew with RTS or GPS *	208.00			NA	
2 Man Field Crew with RTS or GPS *	302.00			NA	
Vehicle for Construction Observation	15.00			15.00	
In-House Scanning and Reproduction	$0.25/Sq. Ft. (Black & White)			$0.25/Sq. Ft. (Black & White)	
	$1.00/Sq. Ft. (Color)			$1.00/Sq. Ft. (Color)	
Reimbursable Expenses (Direct Costs)	Cost			Cost	
Services by Others (Direct Costs)	Cost + 10%			Cost + 10%	
Unmanned Aircraft System / Unmanned Aerial Vehicle / Drone	200.00 ^			200.00	
Expert Testimony	225.00 ^			250.00	

*RTS = Robotic Total Station / GPS = Global Positioning System

NA = Not applicable

^ = Rates were in place, but not included on 2019 SSC

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #10

Tracking Number

PW 2021-19

Agenda Item Summary Memo

Title: Professional Services IGA with Oswego and Montgomery and Water Study Contribution

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-19

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 11, 2021
Subject: Oswego water study contributions

Summary

Consideration of an intergovernmental agreement setting up a process to jointly select and pay consultants for regional projects, a financial contribution to Oswego's water regional water study, and use of an attorney with specialization in water supply agreements.

Background

This item was briefly mentioned by staff during the FY 22 budget presentation, and the financial contributions to Oswego discussed herein are included in the FY 22 budget proposal.

During the past two years, Oswego's Village Board discussed and ultimately hired Baxter and Woodman Engineering to assist with their water supply decision making. Oswego had a number of Oswego-specific water infrastructure components to study as part of the regional water source discussion, but they also wanted a firm to represent them during the ongoing regional water supply discussions – similar to how Yorkville and Montgomery use EEI. Oswego's contract with Baxter and Woodman was approved in August 2020, for an amount around $250,000.

During the scope discussions for the Baxter and Woodman study, it became apparent to the staff in each community that the items in the Oswego study would be of benefit to both Yorkville and Montgomery. Rather than discuss direct financial contributions at that time, the staff tabled the discussions to better understand the components of the study. The result of those discussions is shown in the attached spreadsheet. The gross costs column of the spreadsheet shows the gross cost of the line-item that is directly useful to the entire region; those gross costs are then generally parceled out at the bottom of the sheet on an equal split – except for the draft report and final report costs. For those two line-items, Oswego is paying a larger share of the split because some of the overall report is relevant to Oswego only. In summary, we recommend a contribution to Oswego in the amount of $58,650.93.

In order to make that contribution to Oswego, Attorney Orr is recommending we approve the attached intergovernmental agreement between Oswego, Yorkville, and Montgomery. This intergovernmental agreement is general in nature, and will give us an overarching process to share costs of professional services studies in the future. The concept is that each board can hear about proposals in the future and approve the contributions with a simple vote without having to draft a study-specific intergovernmental agreement every time.

Finally, Oswego has appointed Irene Caminer as an attorney with specialization in water supply agreements. Oswego's board memo and materials are attached for your reference. Attorney Orr has reviewed Attorney Caminer's background and would recommend her. Oswego has spent around $12,000 in attorney's fees on work that will benefit Montgomery and Yorkville. We recommend

authorization to use Attorney Caminer for water study items and a contribution to Oswego of around $4,000 for work already completed.

Recommendation

Staff recommends approval of the intergovernmental agreement, the contribution to Oswego in the amount of $58,650.93 for the Baxter and Woodman water study, authorization to use Attorney Caminer as special counsel, and contribution to Oswego in an estimated amount of $4,000 for legal work already performed.

	Gross Value To Share	Notes
EVALUATE JOLIET WATER SOURCE OPTION		
Route Options	13,280.00	
Design Stage JULIE	1,320.00	Design stage JULIE and easement reviews for the Joliet and DuPage option were performed for all of the transmission mains for all three communities and all three options were evaluated with the same methodology.
Easement Review	880.00	Design stage JULIE and easement reviews for the Joliet and DuPage option were performed for all of the transmission mains for all three communities and all three options were evaluated with the same methodology.
Receving Stations/Pumping Stations	6,440.00	The receiving stations/pumping stations analysis is for the total system including those in Yorkville and Montgomery based upon our previous studies and is not limited to Oswego only.
Internal System Improvements/Model	-	Oswego only
Construction Cost Estimates	3,360.00	Construction cost estimates include the transmission mains to Yorkville and Montgomery and exclude any costs for their internal system upgrades.
Operational Cost Estimates	2,960.00	
Financing Alternatives	560.00	
Continuity	1,480.00	
Timelines	1,040.00	
Impact on residential bills	5,000.00	
Meetings with Joliet (estimate 2 live)	6,524.20	
Route Options Meeting	2,902.10	
Summary Memo	3,550.00	
Subtotal for Cost Sharing	49,296.30	
1/3 Share	16,432.10	
REVIEW AND UPDATE FOX RIVER AND DWC REPORTS		
Report review	13,360.00	
Model Scenarios	5,200.00	
Design Stage JULIE	880.00	Design stage JULIE and easement reviews for the Joliet and DuPage option were performed for all of the transmission mains for all three communities and all three options were evaluated with the same methodology.
Easement Review	880.00	Design stage JULIE and easement reviews for the Joliet and DuPage option were performed for all of the transmission mains for all three communities and all three options were evaluated with the same methodology.
Receving Stations/Pumping Stations	1,480.00	This is for the joint line routes from DuPage to Ogden Falls Tower, and then along transmission route.
Internal System Improvements/Model	-	Oswego only.
Construction Cost Estimates	3,000.00	Construction cost estimates include the transmission mains to Yorkville and Montgomery and exclude any costs for their internal system upgrades.
Operational Cost Estimates	840.00	
Financing Alternatives	560.00	
Continuity	1,480.00	
Timelines	1,040.00	
Water Quality	1,800.00	
Impact on residential bills	5,000.00	
Meetings with the Village (1 live, 1 Virtual)	3,964.20	B&W met with Joliet and DWC to confirm the proposed route , connection locations, and contract requirements with each supplier. They do not anticipate any additional meetings at this time.
Summary Memo	7,550.00	
Subtotal for Cost Sharing	47,034.20	
1/3 Share	15,678.07	
SUPPLY TO MONTGOMERY AND YORKVILLE		
Route Options	1,880.00	
Design Stage JULIE	880.00	
Easement Review	880.00	
Receving Stations/Pumping Stations	1,400.00	
Construction Cost Estimates	3,000.00	
Timelines	1,040.00	
Meeting with the Village (virtual)	520.00	
Summary Memo	2,230.00	
Subtotal for Cost Sharing	11,830.00	
1/3 Share	3,943.33	

DECISION MATRIX	
Develop Decision Matrix	9,920.00
Workshop (estimate 2 live)	5,804.20
Finalize with Village Input	3,680.00
Subtotal for Cost Sharing	19,404.20
1/3 Share	6,468.07
REPORT	
Draft Report	15,696.00
Final Report	9,072.00
Subtotal for Cost Sharing	13,760.00
1/3 Share	4,586.67
DEVELOP COMMUNITY ENGAGEMENT STRATEGY (Images Inc)	
Public Meeting (estimate 1)	4,542.10
Images Inc.	30,086.00
Subtotal for Cost Sharing	34,628.10
1/3 Share	11,542.70
Total for Cost Sharing	175,952.80
1/3 Share	58,650.93

Images Inc.

Develop Community Engagement Strategy – *Service to be provided by Images, Inc. on an hourly rate basis as directed by the Village. Specific tasks and associated hours to be determined during the project; Anticipated scope includes working in partnership with Village staff, including the Community Engagement Coordinator, on these example tasks:*

i. Develop an awareness campaign informing stakeholders of the problem and need for a decision
ii. Create a project logo/brand to be used for all water related materials
iii. Conduct one (1) public meeting to inform the community of the options
iv. Develop a comment management system. Gather, digest, and summarize community input for the decision makers
v. Augment existing Village stakeholder list
vi. Provide guidance on a conservation program that has specific and measurable targets for reduction in per capita water consumption
vii. Prepare a website wireframe and content for easy access to all Village water information

VILLAGE OF OSWEGO
ALTERNATIVE WATER SOURCE PROJECT

I. SCOPE OF WORK

1. Evaluate Joliet Water Source Option
    a. Determine feasibility of connecting Oswego's system to Joliet
        i. Perform a hydraulic study
        ii. Determine potential route and connection point
        iii. Identify any required internal system improvements
        iv. Identify potential opportunities for this connection based upon future needs of the Village
        v. Identify potential barriers or concerns with this connection
    b. Participate in the Joliet planning process
    c. Develop cost estimate for this option including
        i. Connection/Buy-in fees
        ii. Transmission main
        iii. Pumping, receiving and/or booster stations
        iv. Storage requirements
        v. Village internal system upgrades
        vi. Long term operational costs
        vii. Other

2. Review and modify existing water model as required
    a. Update demands based on actual billing data per address
    b. Recalibrate model by comparing model flows to field collected hydrant flows - check C-factors
    c. Update model with water main construction projects since development of model
    d. Confirm that the controls in the model accurately reflect actual control settings
    e. Work with Illinois State Water Survey to further develop the ground water model and present findings to the Village Board

3. Review, update and modify previous Fox River and DuPage reports to equalize data between options

4. Perform water loss audit to verify we meet LMO-2 standards. If not

    a. Identify what modifications are required
    b. Develop timeline for modifications
    c. Develop cost estimate

5. Evaluate feasibility of extending line to Montgomery and Yorkville

6. Develop a decision matrix comparing and contrasting the Fox River, DuPage Water Commission, and Joliet options and develop a report with the following considerations
    a. Cost
        i. The budget shall include
            1. capital, operating, and financing costs for all three options, as well as the backup alternative
        ii. Present the budget as a total cost and as an incremental estimated increase above a base average water bill
    b. Financing
        i. Identify and evaluate financing options for each alternative
    c. Continuity
        i. Identify potential disruptions to both quantity and quality of water
        ii. Evaluate short and long backup alternatives including preservation of the existing well network
            1. Threat to the community
            2. Estimate time to restoration
            3. Cost in the event of disruption
    d. Water Quality
            1. Compare and contrast water quality from both a customer experience and from impacts to the Village's potable water system
    e. Timeline
        i. Develop an overall project timeline based upon the requirements of Joliet
        ii. Develop an alternate project timeline based upon Village system needs if the Joliet option is not selected- Include considerations of 95th St corridor for DuPage option
        iii. Will additional conservation affect timeline?

7. Study need for a new well and storage
    a. Evaluate need and timing for a new well and storage
    b. Develop timeline – would accelerated construction of new source affect need for well?
    c. Develop cost estimate for budgetary purposes
        i. consumption
    d. Prepare outreach information such as handouts, posters, and web pages to promote water conservation

8. Legal and Governance considerations – *Service to be provided by Caminer Law, LLC on an hourly basis as directed by the Village – specific tasks and associated hours to be determined during the project; status as sub-*

consultant or direct consultant to Oswego to be determined before contract is finalized. Anticipated scope includes:

a. Analyze, compare, and contrast the general legal obligations of the village and water providers based upon existing and proposed contracts; advocate for the Village
b. Describe the Village's ability to influence providers rates, regulations, and services based upon various governance models

9. Develop Community Engagement Strategy – *Service to be provided by Images, Inc on an hourly rate basis as directed by the Village. Specific tasks and associated hours to be determined during the project; Anticipated scope includes working in partnership with Village staff, including the Community Engagement Coordinator, on these example tasks:*

a. Develop an awareness campaign informing stakeholders of the problem and need for a decision
b. Conduct public meeting(s) to inform the community of the options
c. Gather, digest, and summarize community input for decision makers
d. Develop a conservation program
    i. Develop a water conservation program that has specific and measurable targets for reduction in per capita water consumption
e. Prepare outreach information such as handouts, posters, and web pages to promote water conservation

II. DELIVERABLE DATES

2020	
Kick-off meeting	8/20
Preliminary cost memo	10/19
Staff alternative route discussion	11/9
Public meeting	12/1
Draft Report submitted	12/14
2021	
Staff comment meeting	1/19
Pre-final Board meeting (COW)	2/2
Study completed	2/8
Board approval	2/16
Joliet line participation deadline	May 2021

A RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT PROVIDING FOR JOINT WATER SOURCE STUDIES AMONG THE VILLAGE OF OSWEGO, KENDALL AND WILL COUNTIES, ILLINOIS, THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, THE VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS

WHEREAS, the Constitution of the State of Illinois of 1970, Article VII, Section 10, provides that units of local government may contract or otherwise associate among themselves to obtain or share services and to exercise, combine, or transfer any power or function in any manner not prohibited by law or by ordinance and may use their credit, revenues, and other resources to pay costs related to intergovernmental activities; and,

WHEREAS, the Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq*.) provides that any power or powers, privileges, functions or authority exercised or which may be exercised by a public agency may be exercised, combined, transferred and enjoyed jointly with another public agency; and,

WHEREAS, the Village of Oswego, Kendall and Will Counties, Illinois, is a home rule municipal corporation of the State of Illinois ("*Oswego*"); the United City of Yorkville, Kendall County, Illinois, is a non-home-rule municipality of the State of Illinois ("*Yorkville*"); and, the Village of Montgomery is a non-home-rule municipality of the State of Illinois ("*Montgomery*"), (collectively, the "*Municipalities*"); and,

WHEREAS, Oswego, Yorkville and Montgomery have determined that it is necessary to undertake a study of the long term sufficiency of the regional deep sandstone aquifers providing the groundwater to supply all of the residences and businesses within each of these Municipalities; and,

WHEREAS, the Municipalities have also acknowledged that it is in the best interest of each of them to approach the study of available water sources on a regional basis in order to explore the construction of a regional water supply system to offset the extraordinary investment such an undertaking shall require; and,

WHEREAS, the Municipalities have agreed to jointly hire engineers, lawyers and such other experts as may be required to advise them on all of the matters, foreseen and unforeseen, on the advantages and disadvantages of all potential water supply sources all as provided in the Intergovernmental Agreement attached hereto.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1. The recitals set forth above are incorporated into this Resolution as if fully restated herein.

Section 2. The Intergovernmental Agreement among the Village of Oswego, the United City of Yorkville, and the Village of Montgomery, in the form attached hereto and made a part hereof, is hereby approved; and, the Mayor and City Clerk are hereby authorized to execute said Agreement.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

Attest:

_____

CITY CLERK

-INTERGOVERNMENTAL AGREEMENT PROVIDING FOR JOINT WATER SOURCE STUDIES AMONG THE VILLAGE OF OSWEGO, KENDALL AND WILL COUNTIES, ILLINOIS, THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, THE VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS,
AND FOR JOINT ENGINEERING WATER STUDY

THIS INTERGOVERNMENTAL AGREEMENT *(the "Agreement")* by and among the Village of Oswego, Kendall and Will Counties, Illinois *("Oswego")* a home rule municipal corporation of the State of Illinois, the United City of Yorkville, Kendall County, Illinois *("Yorkville")* a non-home rule municipal corporation of the State of Illinois and the Village of Montgomery, Kane and Kendall Counties, Illinois *("Montgomery"),* a non-home rule municipal corporation of the State of Illinois, (collectively, the *"Municipalities"*) entered into this _____ day of _____, 2021.

W I T N E S S E T H:

WHEREAS, the Constitution of the State of Illinois of 1970, Article VII, Section 10, provides that units of local government may contract or otherwise associate among themselves to obtain or share services and to exercise, combine, or transfer any power or function in any manner not prohibited by law or by ordinance and may use their credit, revenues, and other resources to pay costs related to intergovernmental activities; and,

WHEREAS, the Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq*.) provides that any power or powers, privileges, functions or authority exercised or which may be exercised by a public agency may be exercised, combined, transferred and enjoyed jointly with another public agency; and,

WHEREAS, Oswego, Yorkville and Montgomery have determined that it is necessary to undertake a study of the long term sufficiency of the regional deep sandstone aquifers providing the groundwater to supply all of the residences and businesses within each of these Municipalities; and,

WHEREAS, it has been reported that the long term availability of the aquifers providing the groundwater supply to the Municipalities is in question and it is incumbent upon the Municipalities to study new water sources to serve their users as the population in the region continues to grow and industrial demands increase; and,

WHEREAS, the Municipalities have also acknowledged that it is in the best interest of each of them to approach the study of available water sources on a regional basis in order to explore the construction of a regional water supply system to offset the extraordinary investment such an undertaking shall require; and,

WHEREAS, the Municipalities agree that, in order to research available new water sources, engineering studies of potential supply routes, water quality, allocations from the Illinois Department of Natural Resources, construction cost estimates, operational cost estimates and unforeseen issues are necessary; and,

WHEREAS, the Municipalities further agree that the investigation of a new water supply would also require legal analyses of governance issues pertaining to water usage such as permitting, conservation regulations, property acquisition and purchase contracts; and,

WHEREAS, the Municipalities have agreed to jointly hire engineers, lawyers and such other experts as may be required to advise them on all of the matters, foreseen and unforeseen, on the advantages and disadvantages of all potential water supply sources all as hereinafter provided.

NOW, THEREFORE, in consideration of the mutual promises, obligations and undertakings hereafter set forth, the Municipalities agree as follows:

Section 1. The foregoing preambles are hereby incorporated into this Agreement as if fully restated in this Section 1.

Section 2. The Municipalities hereby agree to coordinate with one another to determine the professional services required to undertake and perform all necessary research, investigations and studies, and to jointly select all professional services to be provided, it being understood that the selection shall be in accordance with all applicable ordinances and laws of the State of Illinois and shall be by unanimous consent of the Municipalities.

Section 3. Upon selection of a professional service, the Municipalities shall work together to determine the scope of any assignment, the deliverables from such assignment and the estimated cost. It is understood that all contracts or agreements for any professional service with an estimated cost in excess of $25,000 shall be subject to the approval of the corporate authorities of each of the respective Municipalities prior to the commencement of work.

Section 4. The Municipalities agree to review all invoices for services rendered and to distinguish those costs which serves any one Municipality over the other Municipality, which cost shall be paid by the benefitted Municipalities. Payment of all invoices for professional services shall be made within thirty (30) days of review.

Section 5. This Agreement and the rights of the Municipalities hereunder may not be assigned, and the terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective successors and assigns of the Municipalities.

Section 6. This Agreement shall be interpreted and enforced under the laws of the State of Illinois. Any legal proceeding related to enforcement of this Agreement shall be brought in the Circuit Court of Kendall County, Illinois. In case any provision of this Agreement shall be declared and/or found invalid, illegal or unenforceable by a court of competent jurisdiction, such provision shall, to the extent possible, be modified by the court in such manner as to be valid, legal and enforceable so as to most nearly retain the intent of the Municipalities, and, if such modification is

not possible, such provision shall be severed from this Agreement, and in either case the validity, legality, and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby.

Section 7. All notices required or permitted hereunder shall be in writing and may be given by (a) depositing the same in the United States mail, addressed to the party to be notified, postage prepaid and certified with the return receipt requested, (b) delivering the same in person, or (c) telecopying the same with electronic confirmation of receipt.

If to the Village of Oswego:	Village Administrator Village of Oswego 100 Parkers Mill Oswego, Illinois 60543
With a copy to:	Karl Ottosen Ottosen Britz Kelly Cooper Gilbert & DiNolfo 1804 North Naper, Suite 350 Naperville, Illinois 60563
If to the City of Yorkville:	City Administrator United City of Yorkville 800 Game Farm Road Yorkville, Illinois 60560
With a copy to:	Kathleen Field Orr 2024 Hickory Road, Suite 205 Homewood, Illinois 60430
If to the Village of Montgomery:	Village Administrator Village of Montgomery 200 North River Street Montgomery, Illinois 60538
With a copy to:	Laura M. Julien Mickey, Wilson, Weiler, Renzi & Andersson 140 South Municipal Drive Sugar Grove, Illinois 60542

Or any such other person, counsel or address as any Municipality hereto shall specify pursuant to this Section from time to time.

Section 8. This Agreement may be executed in counterparts, each of which shall be deemed to be an original and both of which shall constitute one and the same Agreement.

Section 9. This Agreement represents the entire agreement among the Municipalities pertaining to professional services for determining a new water supply source and there are no other promises or conditions in any other agreement whether oral or written pertaining thereto. Except as stated herein, this Agreement supersedes any other prior written or oral agreements between the Municipalities and may not be further modified except in writing acknowledged all of the Municipalities.

Section 10. This Agreement shall be in full force and effect upon approval by resolution adopted by the corporate authorities of their respective Municipalities; provided, however, any Municipality may terminate this Agreement by providing thirty (30) calendar days' advance written notice to the other Municipalities. In the event a Municipality terminates it participation in this joint undertaking, such Municipality shall be responsible for its share of all costs incurred and costs to be incurred due to written contracts or commitments for thirty (30) days after the date of written notice. In such a case, this Agreement shall remain in full force and effect as to and between the remaining Municipalities.

Section 11. This Agreement may be amended only with written consent of all Parties hereto.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, this Agreement, among the Village of Oswego, Kendall and Will Counties, Illinois, the United City of Yorkville, Kendall County, Illinois, the Village of Montgomery, Kane and Kendall Counties, Illinois and for Joint Engineering Water Study have executed this Agreement as dated below by each Mayor:

United City of Yorkville, Kendall County, Illinois, a municipal corporation

By: _____
Mayor

Attest:

_____
Village Clerk

Village of Oswego, Kendall and Will Counties, Illinois, a municipal corporation

By: _____
Mayor

Attest:

_____
Village Clerk

Village of Montgomery, Kane and Kendall Counties, Illinois, a municipal corporation

By: _____
Mayor

Attest:

_____
Village Clerk

Village of Oswego

100 Parkers Mill • Oswego, IL 60543 • (630) 554-3618
Website: www.oswegoil.org

AGENDA ITEM

MEETING TYPE: Committee of the Whole

MEETING DATE: August 18, 2020

SUBJECT: Alternative Water Source Evaluation

ACTION REQUESTED:

Resolution Authorizing the Execution of a Professional Services Contract with Baxter and Woodman of Mokena, IL for an Alternative Water Source Evaluation in an Amount Not-to-Exceed $280,000

BOARD/COMMISSION REVIEW:

N/A

ACTION PREVIOUSLY TAKEN:

Date of Action	Meeting Type	Action Taken
3/3/2020	Committee of the Whole	Presentation on the Oswego water source and approval of the Village board to seek an engineering firm to evaluate alternative water source options.
8/4/20	Committee of the Whole	Presentation of proposed scope for alternative water source evaluation.

DEPARTMENT: Public Works

SUBMITTED BY: Susan Quasney, Project Engineer

FISCAL IMPACT:

5106070-574000 Utility System Improvements $405,600 Alternative Water Source Planning

BACKGROUND:

The Village of Oswego's existing water source, the deep groundwater aquifer, will be at severe risk of depletion and no longer able to meet the Village's maximum daily water demand sometime between 2030 and 2050. Groundwater modeling conducted by the Illinois State Water Survey indicates that the groundwater will eventually fall below the level of the existing well system due to the high area demand and the comparatively slow rate of recharge within the aquifer.

The Village previously commissioned three related water studies. These studies evaluated future needs as the Village grows and looked at two different options for a sustainable and reliable water

source, not only for the Village of Oswego, but with the consideration for Yorkville and Montgomery as well. One study focused on the viability of obtaining water from the Fox River, and the other considered a connection to the DuPage Water Commission line that would bring in Lake Michigan water.

Per Board direction in March, an RFQ was released in order to obtain a consultant to evaluate the Joliet option, develop a matrix that would allow comparison of the three options, and help determine the best course of action.

The consultant is being asked to:

1. Evaluate Joliet water source option
2. Develop report comparing and contrasting Fox River, DuPage Water Commission, and Joliet options
3. Study need for a new well and storage
4. Provide community engagement firm, as required and directed by the Village
    - Engagement related to water source selection
    - Engagement related to water conservation measures
5. Evaluate feasibility of extending line to Montgomery and Yorkville

The need to provide a response to Joliet in May of 2021 is driving the timeline for the consultant. These are the estimated deliverable dates based on award of the engineering services contract at the August 18th Board meeting.

<u>2020</u>	
Kick-off meeting	8/20
Preliminary cost memo	10/19
Staff alternative route discussion	11/9
Public meeting	12/1
Draft Report submitted	12/14
<u>2021</u>	
Staff comment meeting	1/19
Pre-final Board meeting (COW)	2/2
Study completed	2/8
Board approval	2/16
Joliet line participation deadline	5/21

DISCUSSION:

The RFQ was posted on July 7th and three firms responded. Based on the quality of their proposal and interview, Staff recommends Baxter and Woodman for this project. On August 4th, Staff

presented the proposed scope of the project at the Committee of the Whole meeting for Board comment. After receiving direction, Baxter and Woodman was asked to estimate their costs based on an itemized scope of work. It was determined that legal costs and community engagements costs would be handled on an as-needed hourly basis. Legal costs are not included in this professional services agreement, but rather under a separate agenda item. Some community engagement hours are included with the assumption that the outside firm will be providing direction while staff will be performing a significant portion of the labor.

At this time Baxter and Woodman estimate the cost to be $252,461, but there are a lot of unknowns with this evaluation. The not-to-exceed cost of $280,000 includes a contingency for some unanticipated work. If it appears this cap will be exceeded as the project progresses, it will again be brought before the Board for consideration.

There are ongoing conversations with Yorkville and Montgomery regarding their level of participation. These towns will be greatly benefitted by inclusion in this project and it is our hope that they may join and contribute to this evaluation.

RECOMMENDATION:

Staff recommends award of a Professional Services Contract with Baxter and Woodman in an amount not-to-exceed $280,000

ATTACHMENTS:

- Resolution 20 – R - ____ Professional Services Contract with Baxter and Woodman
- Exhibit A - Baxter and Woodman Inc Consulting Services PSA
- Attachment A – Alternative Water Source Proposal
- Attachment B - Oswego Alternate Water Source Engineering Fee Schedule

RESOLUTION NO. 20 - R - 80

RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES CONTRACT WITH BAXTER AND WOODMAN OF MOKENA, IL FOR AN ALTERNATIVE WATER SOURCE EVALUATION IN THE AMOUNT NOT TO EXCEED $280,000

WHEREAS, the Village of Oswego ("Village") has a population of more than 25,000 and is therefore a "Home Rule Unit" under the 1970 Illinois Constitution; and

WHEREAS, the Illinois Constitution of 1970 provides that a Home Rule Unit may exercise any power and perform any function pertaining to its government and affairs, including but not limited to the power to regulate for the protection of the public health, safety, morals and welfare; to license, to tax; and to incur debt; and

WHEREAS, The Village of Oswego's existing water source will be at severe risk of depletion and no longer able to meet the Village's maximum daily water demand sometime between 2030 and 2050; and

WHEREAS, The City of Joliet is currently designing a new pipeline that will bring Lake Michigan water to the area by approximately 2030 which could be utilized by the Village of Oswego; and

WHEREAS, The Village of Oswego has previously investigated two other options for alternative water sources and a complex comparison of all three options must be performed to allow for an informed decision on a future alternative water source; and

WHEREAS, Baxter and Woodman was chosen as the preferred consultant to perform the evaluation based on a Request for Qualifications and interview; and

WHEREAS, it is in the best interest of the Village of Oswego to approve the agreement substantially in the form attached hereto marked as "Exhibit A".

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF OSWEGO, KENDALL AND WILL COUNTIES, ILLINOIS, as follows:

SECTION 1. INCORPORATION OF RECITALS

That the recitals set forth above are incorporated here by reference.

SECTION 2. APPROVAL OF CONTRACT

The Village President and Village Board of Trustees hereby approve the professional services contract with Baxter and Woodman, and the Village President and Village Clerk are authorized and

directed to execute on behalf of the Village of Oswego the contract with Baxter and Woodman in the amount not-to-exceed of $280,000 for the Alternative Water Source Evaluation, substantially in the form attached as "Exhibit A."

SECTION 3. REPEALER

All Resolutions or parts of Resolutions, in conflict with any of the provisions of this Resolution shall be repealed to the extent of the conflict.

SECTION 4. SEVERABILITY

This Resolution and every provision thereof shall be considered severable. If any section, paragraph, clause, or provision of this Resolution is declared by a court of law to be invalid or unconstitutional, the invalidity or unconstitutionality thereof shall not affect the validity of any other provisions of this Resolution.

SECTION 5. EFFECTIVE DATE

This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED by the Board of Trustees of the Village of Oswego, Kendall and Will Counties, Illinois this 18th day of August 2020.

JAMES MARTER	AYE	LUIS PEREZ	AYE
TERRY OLSON	AYE	JUDY SOLLINGER	AYE
PAM PARR	AYE	BRIAN THOMAS	AYE

APPROVED by me, Troy Parlier, as President of the Village of Oswego, Kendall and Will Counties, Illinois this 18th day of August 2020.

Troy Parlier

TROY PARLIER, VILLAGE PRESIDENT

Tina Touchette

Tina Touchette, Village Clerk

STATE OF ILLINOIS)
) SS
COUNTY OF KENDALL)

CLERK'S CERTIFICATE
(RESOLUTION)

I, Tina Touchette, the duly qualified and acting Village Clerk of the Village of Oswego, Kendall and Will Counties, Illinois, do hereby certify that I am the keeper of its books and records and that the attached hereto is a true and correct copy of a Resolution entitled:

RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES CONTRACT WITH BAXTER AND WOODMAN OF MOKENA, IL IN THE AMOUNT NOT TO EXCEED $280,000 FOR AN ALTERNATIVE WATER SOURCE EVALUATION

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which Resolution was duly adopted by said Board of Trustees at a meeting held on the 18th day of August 2020, and thereafter approved by the Village President on the 18th day of August 2020.

I do further certify, in my official capacity, that a quorum of said Board of Trustees was present at said meeting and that the Board complied with all requirements of the Illinois Open Meetings Act.

IN WITNESS WHEREOF, I have hereunto set my hand this 19th day of August 2020.

Tina Touchette

Tina Touchette, Village Clerk
Village of Oswego

(Seal)

VILLAGE OF OSWEGO CORPORATE SEAL KENDALL COUNTY, ILLINOIS

PROFESSIONAL SERVICES AGREEMENT

This Agreement is made this 18th day of August 2020, between and shall be binding upon the Village of Oswego, Kendall, and Will Counties, an Illinois Municipal Corporation hereinafter referred to as the "Village" and Baxter & Woodman, Inc. Consulting Engineers, Mokena, Illinois, hereinafter referred to as the "Firm" and its successors.

This relationship is that of professional services, and it is understood that the parties have not entered into any joint venture or partnership with the other. The Firm shall not be considered to be the agent of the Village. The Firm shall render engineering services in accordance with generally accepted and currently recognized engineering practices and principles. The Firm shall strive to conduct services under this Agreement in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as of the date of this contract. Each party shall designate one person to act with authority on its behalf. The person designated shall review and respond promptly to communications received from the other party.

1. SCOPE OF WORK

Witnessed, that in consideration of the mutual promises of the parties delineated in the Exhibit A (Firm's Proposal dated July 7, 2020) attached and made part of this Agreement, the Firm agrees to perform the services, and the Village agrees to pay for the following services:

A. Evaluate Joliet Water Source Option
    i. Determine the feasibility of connecting Oswego's system to Joliet
        1. Perform a hydraulic study
        2. Evaluate up to three potential supply routes and connection points to evaluate construction methods and potential impact to property owners, utilities and other agencies.
            1. Review existing maps, atlases, and GIS along the possible routes
            2. Visit the possible routes to collect information and obtain first-hand knowledge of the existing field conditions.
            3. Conduct a Design Stage Locate with JULIE to identify utilities that have facilities in the vicinity of the proposed routes.
                a. Locate and obtain utility atlases
                b. Prepare a list of affected utilities and key contacts
            4. Investigate existing property ownerships, existing easements, limits of access control and dedicated rights of way along the alternative pipeline routes.
                a. Identify properties on which temporary and permanent easements may be required for each alternative pipeline route.

b. Prepare a list of affected properties for each alternative route.

3. Identify receiving station/pumping station/storage requirements
4. Identify required internal system improvements
5. Identify potential for expansion for the proposed connections based upon future needs of the Village
6. Identify potential barriers or concerns with each connection.

ii. Participate in the Joliet planning process regarding supply to Oswego

iii. Develop preliminary opinion of probable costs including costs for construction of the improvements, design, construction engineering, and construction costs. Include the following components:

1. Connection/Buy-in or legal fees
2. Permitting
3. Land acquisition
4. Transmission main
5. Pumping, receiving and/or booster stations
6. Storage
7. Village internal system upgrades
8. Annual operational costs
9. Present the cost estimates as a total cost and as an incremental estimated increase above the Village's base average water bill

iv. Identify and evaluate financing options for each alternative

v. Identify potential disruptions to both quantity and quality of the Joliet water supply option

vi. Evaluate short and long backup alternatives including preservation of the existing well network

1. Threat to the community
2. Estimate time to restoration
3. Cost in the event of a disruption

vii. Develop proposed timelines for Joliet water supply alternatives.

viii. Prepare a technical memo summarizing the work completed, results of the various investigations and evaluations, and recommendations for the alternative routes. The recommendations will include construction methods, timelines, preliminary opinion of probable costs for each alternative, and exhibits.

B. Review and update the Village's existing water model as required

i. Update model to include water main construction projects using the Village's GIS since the development of the model in 2014.

ii. Update demands using actual water billing records per address

iii. Conduct 10 -15 hydrant flow tests

iv. Recalibrate model using flow test results to update model C-factors

v. Update controls in the model to reflect present day operations.

C. Review previous Fox River and DuPage Water Commission reports to equalize data between the three supply options

i. Review and update the proposed routes and connection points from the Fox

River and DuPage Water Commission Reports to include construction methods and potential impact to property owners, utilities and other agencies

1. Conduct a Design Stage Locate with JULIE to identify utilities that have facilities in the vicinity of the proposed routes.
    a. Locate and obtain utility atlases
    b. Prepare a list of affected utilities and key contacts
2. Investigate existing property ownerships, existing easements, limits of access control and dedicated rights of way along the alternative pipeline routes.
    a. Identify properties on which temporary and permanent easements may be required for each alternative pipeline route.
    b. Prepare a list of affected properties for each alternative route.

ii. Use updated water model to review impacts on the Village's system for the Fox River and DuPage Water Commission options.

iii. Include considerations of 95th St Corridor for DuPage Water Commission Option

iv. Update receiving station/pumping station/storage requirements

v. Update or develop preliminary opinion of probable costs including costs for construction of the improvements, design, construction engineering, and construction costs. Include the following components:

1. Connection/Buy-in or legal fees
2. Permitting
3. Land acquisition
4. Transmission main
5. Pumping, receiving and/or booster stations
6. Storage
7. Village internal system upgrades
8. Annual operational costs
9. Present the cost estimates as a total cost and as an incremental estimated increase above the Village's base average water bill

vi. Identify and evaluate financing options for each alternative

vii. Identify potential disruptions to both quantity and quality of Fox River and DuPage Water commission supply.

viii. Evaluate short and long backup alternatives including preservation of the existing well network

1. Threat to the community
2. Estimate time to restoration
3. Cost in the event of a disruption

ix. Update timelines for the Fox River and DuPage Water Commission options

x. Compare and contrast the three options water quality from both a customer experience and potential impacts to the Village's potable water system. No field testing will be included as part of this study.

xi. Summarize information that will impact the Decision Matrix

xii. Prepare a technical memo summarizing the work completed and summarizing the results of the three supply alternatives. The recommendations will include

construction methods, timelines, preliminary opinion of probable costs for each alternative, and exhibits

D. Perform a water loss audit for 2019 data following LMO-2 standards.

   i. Identify what system modifications are required to meet 10% Non –Revenue water, if necessary.
   ii. Develop a timeline for modifications
   iii. Develop cost estimates for recommended system modifications.

E. Evaluate the feasibility of extending the Joliet supply alternatives to Montgomery and Yorkville:
   i. Review and update the proposed routes and connection points from the Joliet supply route alternatives to Montgomery and Yorkville include construction methods and potential impact to property owners, utilities and other agencies
      1. Conduct a Design Stage Locate with JULIE to identify utilities that have facilities in the vicinity of the proposed routes.
         a. Locate and obtain utility atlases
         b. Prepare a list of affected utilities and key contacts
      2. Investigate existing property ownerships, existing easements, limits of access control and dedicated rights of way along the alternative pipeline routes.
         a. Identify properties on which temporary and permanent easements may be required for each alternative pipeline route.
         b. Prepare a list of affected properties for each alternative route.
   ii. Update receiving station/pumping station/storage requirements
   iii. Update or develop preliminary opinion of probable costs including costs for construction of the improvements, design, construction engineering, and construction costs. Include the following components:
      1. Connection/Buy-in or legal fees
      2. Permitting
      3. Land acquisition
      4. Transmission main
      5. Pumping, receiving and/or booster stations
      6. Storage
      7. Village internal system upgrades
      8. Annual operational costs
      9. Present the cost estimates as a total cost and as an incremental estimated increase above the Village's base average water bill
   iv. Identify and evaluate financing options for each alternative
   i. Update timelines for the supply to Montgomery and Yorkville options
   ii. Summarize information that will impact the Decision Matrix
   iii. Prepare a technical memo summarizing the work completed and summarizing the results Joliet supply alternatives. The recommendations will include

construction methods, timelines, preliminary opinion of probable costs for each alternative, and exhibits

F. Study need for a new well and storage and impact on water supply options decisions
   i. Update existing and future water demand projections for the Village
   ii. Evaluate need and timing for a new well and storage
   iii. Review impact of new water source on the need for a new well.–
   iv. Develop cost estimate for budgetary purposes
   v. Work with Illinois State Water Survey to review the status of the Survey's current ground water model and present findings to the Village Board

G. Develop a decision matrix to compare and contrast the Fox River, DuPage Water Commission, and Joliet options with the following considerations including but not limited to:
   i. Conduct two (2) Decision Matrix Workshops with Village to review the criteria, weighting and scoring decisions in the Decision Matrix. Potential criteria includes: cost, financing, continuity, water quality, and timelines.

H. Prepare report summarizing
   i. Joliet Water Supply Options including costs, timelines, and internal system improvements
   ii. Updated Fox River and DuPage Water Commission Options including costs, timelines, and internal system improvements
   iii. LMO-2 results and recommendations
   iv. Feasibility to extend supply line to Montgomery and Yorkville
   v. Potential need for new well and storage
   vi. Results from Decision Matrix

I. Legal and Governance considerations – *Service to be provided by Caminer Law, L.L.C. on an hourly basis as directed by the Village – specific tasks and associated hours to be determined during the project; status as a sub-consultant or direct consultant to Oswego to be determined before the contract is finalized. Anticipated scope includes:*
   i. Analyze, compare, and contrast the general legal obligations of the village and water providers based upon existing and proposed contracts; advocate for the Village
   ii. Describe the Village's ability to influence providers rates, regulations, and services based upon various governance models

J. Develop Community Engagement Strategy – *Service to be provided by Images, Inc. on an hourly rate basis as directed by the Village. Specific tasks and associated hours to be determined during the project; Anticipated scope includes working in partnership with Village staff, including the Community Engagement Coordinator, on these example tasks:*
   i. Develop an awareness campaign informing stakeholders of the problem and need for a decision
   ii. Create a project logo/brand to be used for all water related materials

iii. Conduct one (1) public meeting to inform the community of the options
iv. Develop a comment management system. Gather, digest, and summarize community input for the decision makers
v. Augment existing Village stakeholder list
vi. Provide guidance on a conservation program that has specific and measurable targets for reduction in per capita water consumption
vii. Prepare a website wireframe and content for easy access to all Village water information
viii. Prepare outreach information such as handouts, posters, social media content, and web content to promote water conservation

2. DELIVERABLE DATES

2020	
Kick-off meeting	8/20
Preliminary cost memo	10/19
Staff alternative route discussion	11/9
Public meeting	12/1
Draft Report submitted	12/14
2021	
Staff comment meeting	1/19
Pre-final Board meeting (COW)	2/2
Study completed	2/8
Board approval	2/16
Joliet line participation deadline	May 2021

3. INTENTIONALLY OMITTED

4. SUPERVISION OF WORK OF OTHERS

The Firm shall not at any time supervise, direct, or have control over any other firm's work, nor shall the Firm have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any other firm, nor for safety precautions and programs in connection with the other Firm's work, nor for any failure of any other firm to comply with laws and regulations applicable to Firm's work. The Firm neither guarantees the performance of any other firm nor assumes responsibility for any other Firm's failure to furnish and perform its work. The Firm shall have no authority to stop any other firm's s work but will advise Village of work that does not meet approved plans and specifications.

5. DELIVERY AND REUSE OF DOCUMENTS

All drawings, specifications, reports, and any other project documents prepared by the Firm in connection with any or all of the services furnished hereunder shall be delivered to the Village for the express use of the Village. The Firm does have the right to retain the copyrights to the original documents but shall cause to be delivered to the Village such quality of documents so as to assure

complete reproducibility of the documents delivered. In particular, the Village may request, at no additional cost, the delivery of additional sets of drawings or documents if the Firm fails to deliver a fully reproducible document.

6. SUBLETTING OF CONTRACT

The Firm may sublet portions of the work. Sub-contractors shall conform, in all respects, to the applicable provisions specified for the Firm and shall further be subject to approval by the Village prior to the performance of any work by the sub-contractor. Rejection of a particular sub-contractor shall not be cause to alter the original Agreement or to request additional compensation. The Firm shall identify all proposed sub-contractors who will furnish services. The work to be done by the sub-contractor shall be outlined in detail to the Village prior to the start of work and identified in the progress reports submitted by the Firm. The qualifications of the proposed sub-contractor shall be submitted to the Village, in the same format and basic requirements as required of the Firm. At all times, the Firm shall maintain no less than fifty-one (51) percent of the dollar value of the Agreement by direct employees of the Firm.

7. AGREEMENT AMOUNT AND PRICES

For the Firm's services described in Exhibit A, the Village agrees to pay, and the Firm agrees to accept as full payment for the services which are the subject matter of this Agreement in accordance with the General Provisions and the "Local Government Prompt Payment Act."

Unless specifically agreed to by the Village, the following expenses will not be allowed: charges for items that are considered a normal cost of doing business or are considered a normal feature in an office, for example, charges for sending or receiving facsimiles or emails; CADD or computer charges; telephone, pager or other telecommunication charges; copies or reproductions for the internal use of the Firm (copies or reproductions for external use, i.e., submittals to the Village or other governing agencies, are allowable as reimbursable expenses.)

8. INVOICING AND PAYMENT

The Firm shall submit invoices in duplicate. Invoices will cover the work performed from the first of each month to the end of that specific month. Only one invoice shall be submitted per month. An invoice must be submitted for work done through April 30 of each year, as this is the end of the Village's fiscal year. Statements shall include a detailed breakdown of all charges incurred. The invoice shall detail personnel name, title, pay rate, hours charged, and task performed. If personnel worked on more than one task during the invoice period, each task shall be identified with the corresponding hours charged. All direct costs shall be itemized consistent with the various categories stated within the Proposal. Invoices shall be based on actual hours of performance.

Invoices shall be accompanied by monthly progress reports. Invoices submitted without a progress report will be considered incomplete and will not be processed for payment. The progress report shall include rates of completion for all tasks scoped, rates of completion for all deliverable products, updated delivery dates, work performed in the current period, work anticipated to be

performed in the next period and information or deliverables that the Firm is waiting for. The following five items shall be clearly addressed in each monthly report:

A. Work performed in the period covered by the invoice.
B. Work to be performed in the next period.
C. Deliverables and due dates, particularly noting items due in the next period (updated schedule).
D. Items that the Firm is waiting for from the Village or other agencies.
E. A summary or statement discussing the financial status of the individual project – is the project under, on, or over budget. If over budget, identify the reason and provide an estimated number of hours and cost to complete the project.

The Village agrees to make payments and to pay interest on unpaid balances under the provisions of the Local Government Prompt Payment Act. Sub-contractor costs are not considered direct costs for purposes of calculating the withheld amount. Should overruns for any of the items within the Proposal become evident due to unforeseen circumstances beyond the Firm's control, the Firm shall notify the Village immediately, and no further work shall be done by the Firm until authorization to proceed in writing has been received from the Village.

9. CHANGES

The Village reserves the right to make changes in requirements, amount of work, or time schedule by written amendment. The Firm and the Village shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes.

10. SUSPENSION OF SERVICES

The Village may, at any time, by written order to the Firm require the Firm to stop all, or any part, of the services required by this contract. Upon receipt of such an order, the Firm shall immediately comply with its terms and take all steps to minimize the incurrence of costs allocable to the services covered by the order. The Firm shall be compensated for all services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. Upon resumption of Services, the Village shall compensate the Firm for reasonable expenses incurred as a result of the suspension and resumption of its services, and the Firm's schedule and fees for the remainder of the project shall be equitably adjusted.

11. TERMINATION OF CONTRACT

The Village reserves the right to terminate the whole or any part of any agreement upon ten (10) calendar days written notice to the Firm. The Village further reserves the right to cancel the whole or any part of the Agreement if the Firm fails to perform any of the provisions in the Agreement or fails to make delivery within the time stated. The Firm will not be liable to perform if situations arise by reason of strikes, acts of God or the public enemy, acts of the Village, fires, or floods.

Upon such termination, the Firm shall cause to be delivered to the Village all surveys, reports, permits, agreements, calculations, drawings, specifications, partially and completed estimates and data, as well as products of computer-aided drafting, design, and writing that have been paid for

by the Village. Costs of termination incurred by the Firm before the termination date will be reimbursed by the Village only if prior to the effective termination date, the Village receives from the Firm a list of actions necessary to accomplish termination, and the Village agrees in writing that those actions be taken. Upon receipt of the termination notice, the Firm shall stop all work until the said Agreement is reached.

12. INSURANCE

Firm shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons, damages to property, and/or other applicable damages that may arise in connection with the performance of work and/or services under this Agreement as follows:

A. Minimum Scope of Insurance – The insurance coverage to be procured and maintained by Firms shall be at least as broad as the following:
   i. Commercial General Liability Insurance. Commercial general liability insurance with minimum coverage amounts of $2,000,000 general aggregate; $2,000,000 products-completed operations aggregate; and $1,000,000 each occurrence for bodily injuries, death, and property damage, and personal injury resulting from any one occurrence, including the following endorsements, coverages, and/or conditions:
      1. Shall name the Village as an additional insured in accordance with the obligations and conditions set forth below.
      2. Blanket contractual liability coverage, to the extent permitted under Illinois law at least as broad as C.G. 00 01.
      3. Premises-Operations and Independent Firms.
      4. Broad form property damage coverage.
      5. Personal injury coverage.
      6. Must be endorsed as Primary and Non-Contributory as to any other insurance of the Additional Insureds.
      7. If the Additional Insureds have other insurance that is applicable to the loss, such other insurance shall be on an excess or contingent basis to any Sub-Firm's policy.
   ii. Workers' Compensation and Employers Liability Insurance. Statutory Workers' Compensation coverage is complying with the law of the State of Illinois and Employers' Liability Insurance with minimum limits at $1,000,000 each accident, including occupational disease coverage with a limit of $1,000,000 per employee, subject to policy minimum limit of $1,000,000 per annum.
   iii. Umbrella / Excess Liability Insurance Umbrella / Excess Liability Insurance. Umbrella or excess liability insurance is written over the underlying employer's liability, commercial general liability, and automobile liability insurance described above with minimum coverage amounts of $2,000,000 per occurrence and $2,000,000 general aggregate, with coverage at least as broad as the underlying policies.
   iv. Professional Liability Insurance. Firm shall procure and maintain professional liability insurance coverage: Per Claim: $1,000,000.00. Such professional liability coverage shall be maintained for at least two years after completion of work and/or services under the Agreement. Evidence of such insurance shall be provided upon request from the Village during this Agreement period.

B. Deductibles and Self-Insured Retentions - Any deductibles or self-insured retentions must be declared to and approved by the Village. The Village can request the Firm reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officials, and its employees. The Firms' Professional Liability Insurance deductible is $35,000. If the Village requests a reduction or elimination of such deductible, the Firms' will be compensated in full for the mutually agreed upon change. All other insurances stated herein and their associated deductibles shall meet with the same terms: Cyber Liability, Employment Practices Liability, Package/Property/General Liability, and Automobile in accord with that stated in Section 11A. If the Village requests a reduction or elimination of such deductibles, the Firm will be compensated in full for the mutually agreed upon change.

C. Firm's Obligations - The Firm shall have the following obligations with regard to required insurance under the Agreement:
   i. The insurance policies required under this Agreement shall be endorsed to contain the following provisions: the Village and its officers, officials, and employees are to be named additional insureds under the Firm's Commercial General Liability and Automobile Liability policies for liability arising out of ongoing and completed operations performed by or on behalf of the Firm. General liability coverage shall be provided in the form of an endorsement to Firm's insurance substantially similar to ISO Form C.G. 20 10 11 85, or if not available, through both ISO Form C.G. 20 10, or C.G. 20 26, or C.G. 20 33; and C.G. 2037; 04 13 Edition date. All additional insured coverage shall be for both ongoing and completed operations.
   ii. The Firm shall provide evidence of the required insurance coverages under this Agreement by providing a copy of applicable endorsement(s) and certificates of insurance evidencing such coverages. All certificates of insurance required to be obtained by the Firm shall provide that coverages under the policies named shall not be canceled without at least thirty (30) days prior written notice given to the Village, with a ten (10) day exception for non-payment of premium. All certificates evidencing coverage extended beyond the date of final payment shall be provided at the time of the final Pay Request.
   iii. The Firm shall provide immediate notice to the Village upon the cancelation of any insurance policy or policies required hereunder.
   iv. The Firm's Commercial General Liability and Automobile Liability policies shall be Primary and Non-Contributory Insurance as to all additional insureds with respect to all claims arising out of operations by or on their behalf. If the Village has other applicable insurance coverages, those coverages shall be regarded as excess over the additional insured coverage. Firm shall, with respect to all insurance required under this Agreement, endorse or require each policy to waive any and all rights of subrogation for losses and or damages arising from the work and/or services provided by the Firm against the Village or other Additional Insured except where not permissible by law.
   v. The Firm shall require that every Sub-Firm of any tier working on the project associated with this Agreement to obtain insurance of the same types and amounts as that required of Firm, naming the same as additional insureds subject to the same restrictions and

obligations as set forth in the Firm's insurance required under the Agreement, including waivers of subrogation in favor of the Village.

vi. Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of this Agreement by any act or omission, including, but not limited to:
    1. Allowing work by the Firm or any Sub-Firm of any tier to start before receipt of the required insurance policy, endorsement, and/or certificates of insurance; or
    2. Failure to examine, or to demand the correction of any deficiency of any insurance policy, endorsement, and/or certificate of insurance received.

vii. The Firm agrees that the obligation to provide insurance is solely the responsibility of the Firm and the Sub-Firm of any tier and cannot be waived by any act or omission of the Village.

viii. The purchase of insurance by the Firm under this Agreement shall not be deemed to limit the liability of the Firm in any way, for damages suffered by the Village in excess of policy limits or not covered by the policies purchased by the Firm.

ix. The Firm shall notify the Village, in writing, of any possible or potential claim for personal injury or property damage arising out of the work and/or services of this Agreement promptly whenever the occurrence giving rise to such a potential claim becomes known to the Firm.

x. All insurance shall be placed with an insurer or insurers authorized to conduct business in the State of Illinois with a current A.M. Best's rating of no less than A, unless otherwise acceptable to the Village.

13. INDEMNIFICATION

With respect to liability arising from other than professional services, to the fullest extent permitted by Illinois law, the Firm shall indemnify, defend, and hold the Village, its officers, and employees harmless from and against all damages, liabilities, and costs including but not limited to reasonable attorneys' fees reoverable under Illinois law, arising out of bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) caused by the negligent acts or omissions of the Firm, anyone directly or indirectly employed by Firm, or anyone for whose acts Firm is legally liable.

To the fullest extent permitted by Illinois law, with respect to professional services, the Firm agrees to indemnify and hold the Village, its officers, and employees harmless against all liability, damages, and costs, including reasonable attorney fees recoverable under Illinois law, arising from injury or death to persons or damage to tangible property (other than the work itself) to the extent occasioned by the negligent act, errors, or willful misconduct of the Firm in its professional performance under this Agreement.

Such obligations shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Section.

14. FORCE MAJEURE

Whenever a period of time is provided for in this Agreement for the Firm or the Village to do or perform any act or obligation, neither party shall be liable for any delays or inability to perform if such delay is due to a cause beyond its control and without its fault or negligence including, without limitation: a) Acts of nature; b) Acts or failure to act on the part of any governmental authority other than the Village or Firm, including, but not limited to, enactment of laws, rules, regulations, codes or ordinances subsequent to the date of this Agreement; c) Acts or war; d) Acts of civil or military authority; e) Embargoes; f) Work stoppages, strikes, lockouts, or labor disputes; g) Public disorders, civil violence, or disobedience; h) Riots, blockades, sabotage, insurrection, or rebellion; i) Epidemics or pandemics; j) Terrorist acts; k) Fires or explosions; l) Nuclear accidents; m) Earthquakes, floods, hurricanes, tornadoes, or other similar calamities; n) Major environmental disturbances; or o) Vandalism. If a delay is caused by any of the force majeure circumstances set forth above, the Firm's compensation and schedule shall be equitably adjusted. Further, either party claiming a delay due to an event of force majeure shall give the other party written notice of such event within three (3) business days of its occurrence, or it shall be deemed to be waived.

15. ENVIRONMENTAL AUDITS/SITE ASSESSMENTS

Environmental Audit/Site Assessment report(s) are prepared for Village's sole use. Village agrees to defend, indemnify, and hold Firm, its consultants, agents, and employees harmless against all damages, claims, expenses, and losses arising out of or resulting from any reuse of the Environmental Audit/Site Assessment report(s) without the written authorization of Firm.

16. OPINIONS OF PROBABLE COST

The Firm's opinion of probable construction costs represents its judgment as a professional engineer. The Village acknowledges that the Firm has no control over construction costs and cannot warrant or guarantee that actual construction costs will not vary from the Firm's opinion of probable cost. Firm shall not be responsible for any cost variance.

17. MUNICIPAL ADVISOR

The Firm is not a Municipal Advisor registered with the Security and Exchange Commission (S.E.C.) as defined in the Dodd-Frank Wall Street Reform and Consumer Protection Act. When the Village is a municipal entity as defined by said Act and the Village requires project financing information for the services performed under this AGREEMENT, the Village will provide the Firm with a letter detailing who their independent registered municipal advisor is and that the Village will rely on the advice of such advisor. A sample letter can be provided to the Village upon request.

18. COMPLIANCE WITH LAWS

The Firm shall, at all times, observe and comply with applicable laws, ordinances, and regulations of the Federal, State, and local governments, which may in any manner affect the preparation of proposals or the performance of the contract.

19. COMPLIANCE WITH OSHA STANDARDS

The Firm shall comply with all applicable requirements and standards as specified by the Occupational Safety and Health Act for the duration of the contract.

20. PERMITS AND LICENSES

The Firm shall obtain, at its own expense, all licenses which may be required to complete the contract, and/or are required by municipal, state, and federal regulations and laws. Project related permit fees will be invoiced as a Reimbursable Expense at a 1.10 multiplier.

21. TAXES

The Village is exempt, by law, from paying the following taxes: Federal Excise Tax, Illinois Retailer's Occupation Tax, Use Tax and Municipal Retailers' Occupation Tax on materials and services purchased by the Village. A copy of the Village tax-exempt letter will be provided to the successful Firm when requested.

22. VENUE

The parties hereto agree that for purposes of any lawsuit(s) between them concerning the contract, its enforcement, or the subject matter hereof, venue shall be in Kendall County, Illinois, and the laws of the State of Illinois shall govern the cause of action.

23. CONFLICT OF INTEREST

A. The Firm agrees to not perform professional services during the term of the Agreement for any project or work that may be subject to the Village's review/inspection, to occur or occurring within the corporate limits of the Village, or in the unincorporated area contiguous to the corporate limits of the Village and the Village's planning area, without notification to the Village prior to rendering services.
B. The Firm agrees to provide the Village with a written notification whenever the services provided under this Agreement shall require the Firm to review or inspect work performed by any other firm or corporation for whom the Firm is or has within the previous twelve (12) months provided professional services, or with which any of the Firm's owners, partners or principals have a financial interest.
C. The Firm agrees to provide written notification to the Village whenever the Firm, or any other firm or corporation with which any of the Firm's owners, partners or principals have a financial interest, performs services or work that may be subject to the Village's review/inspection or is

in the unincorporated area contiguous to the corporate limits of the Village and the Village's planning area.

D. The Village may, at its discretion, disqualify the Firm from participation as a representative of the Village in such projects or projects potentially impacted.

24. AGREEMENT TERM AND RENEWAL

The Agreement shall be for a one-year period but may be extended on an annual basis at the option of the Village of Oswego in its sole and absolute discretion, for up to two additional years.

25. NOTICES

Any notice shall be in writing and shall be deemed sufficient when personally served or sent pre-paid first-class United States mail as follows:

To the Village:	To the Firm:
Village Administrator	Carolyn Grieves
Village of Oswego	Baxter & Woodman, Inc. Consulting Engineers
100 Parkers Mill	8678 Ridgefield Road
Oswego, Illinois 60560	Crystal Lake, IL 60012

26. CERTIFICATIONS

Firm Services to the Village, hereby certifies that said Firm:

A. Certifies that it is not barred from bidding or contracting with the Village as a result of a violation of either Paragraph 33E-3 (Bid rigging) or 33E-4 (Bid rotating) of Act 5, Chapter 720 of the Illinois Compiled Statutes regarding criminal interference with public contracting, and
B. Swears under oath that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue as required by Chapter 65, Act 5, paragraph 11-42.1 of the Illinois Compiled Statutes, and
C. States that is has a written sexual harassment policy as required by the Illinois Human Rights Act (775 ILCS 5/2-105(A) (4) a copy of which shall be provided to the Village upon request, and
D. Agrees to comply with the requirements of the Illinois Human Rights Act regarding Equal Employment Opportunities as required by Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) and agrees to comply with the Equal Employment Opportunity Clause in Appendix A, Section 750, Part 750, Chapter X, Subtitle B of Title 44 of the Illinois Administrative Code incorporated herein by reference, and
E. Agrees to comply with the civil rights standards set forth in Title VII of the Civil Rights Act as mandated in Executive Order No. 11246, U.S.C.A. Section 2000e n.114 (September 24, 1965), and
F. Agrees to provide a drug-free workplace pursuant to the Drug-Free Workplace Act (30 ILCS 580/1 et seq.) (25 or more employees under a contract of more than $5,000 or for individuals only when greater than $5,000).

27. SCOPE OF THE AGREEMENT

A. This Agreement represents the entire and integrated Agreement between the Village and the Firm and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may be amended only by a written instrument signed by both Village and Firm.

B. This Agreement in whole is comprised of the following documents listed below:

1. Exhibit A - Professional Services Agreement –Engineering Services between the Village of Oswego, IL, and Baxter & Woodman

2. Attachment - A – Alternative Water Source Proposal Baxter & Woodman Dated July 7, 2020

3. Attachment - B – Alternate Water Source Engineering Fee Schedule 8-12-2020 Baxter & Woodman

IN WITNESS WHEREOF the parties hereto have executed or caused to be executed by their duly authorized agents, this contract in DUPLICATE, each of which shall be deemed original, on the day and year first written.

VILLAGE OF OSWEGO:

By: _____
President

Attest:
_____
Village Clerk

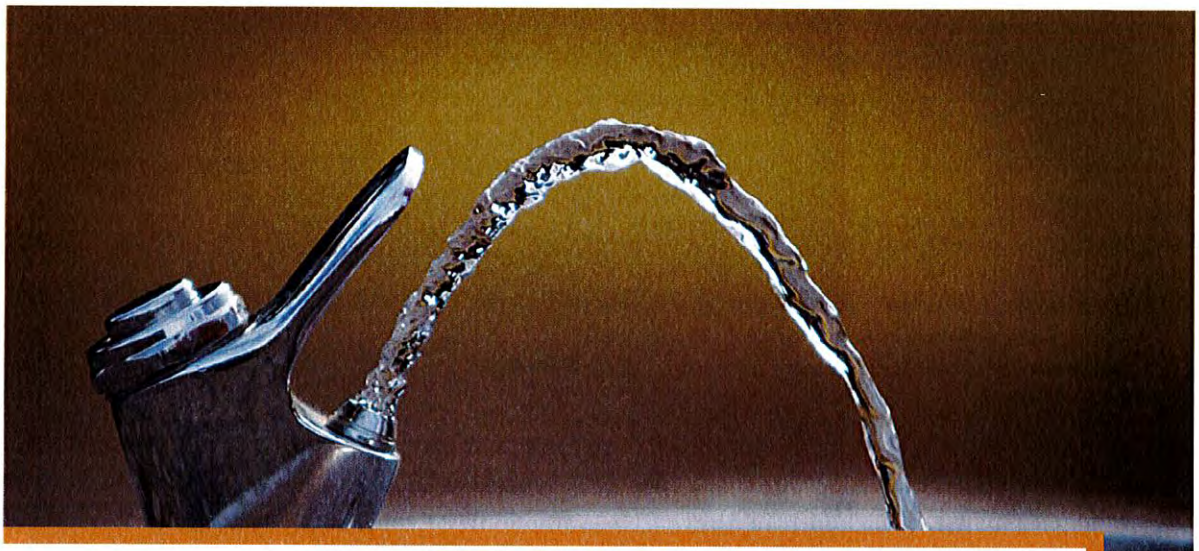
Firm: BAXTER & WOODMAN, INC.

By: _____
Signature

Vice President
Print Name and Title

Attest:
_____
Witness

Attachment A



Professional Consulting Services for an Alternative Water Source Evaluation Proposal No. 20-6070-003

Village of Oswego

BAXTER & WOODMAN Consulting Engineers

Qualifications submitted:
July 7, 2020

BAXTER & WOODMAN
Consulting Engineers
8840 West 192nd Street, Mokena, Illinois 60448 • 708.478.2090 • baxterwoodman.com

July 7, 2020

Ms. Carri Parker
Purchasing Manager
Village of Oswego
100 Parkers Mill
Oswego, Illinois 60543

Subject: ***Village of Oswego - Statement of Qualifications for Professional Consulting Services for an Alternative Water Source Evaluation***

Dear Ms. Parker:

The Village of Oswego is committed to providing a safe and reliable water supply to your customers. Changing the Village's water supply is no easy task, which is why Oswego needs an experienced, comprehensive team to assist with an Alternative Water Source Evaluation. The Baxter & Woodman team has crafted an approach that focuses providing clear and reliable information to help you to select a new water source. Led by Carolyn Grieves, this team collaborates regularly and delivers, time and again, similar and successful services to nearby communities, helping to improve your water system while minimizing cost and disruption. Oswego will benefit from our team's proven approach that focuses on:

- **Fresh Perspective -** Baxter & Woodman offers the Village a unique and fresh perspective to your water source study. We routinely provide value engineering and peer review on various water projects completed by other consultants. By selecting Baxter & Woodman, the Village's project will be reviewed with a new point of view and opportunity to improve quality, reliability, and performance.

- **Experience with Lake Michigan Water Communities** - Baxter & Woodman has assisted numerous communities who receive Lake Michigan water with similar water delivery projects as outlined in our Similar Projects section. We will call upon our experience to develop cost-effective solutions for the Village's Alternative Water Source Evaluation.

- **Multidisciplined Team -** Oswego will be served by the right combination of water, infrastructure, automation, and finance expertise to provide a comprehensive review of your project. Our team has helped five communities with similar water source alternative studies and design. Additionally, our team is supported by Caminer Law to provide legal aid, Images, Inc. to provide public outreach, and Abigail Cantor to provide water chemistry expertise.

If you have any questions regarding our qualifications, please contact Project Manager Carolyn Grieves at (815) 444-3230 or cgrieves@baxterwoodman.com or Client Manager Sean O'Dell at (815) 444-4438 or sodell@baxterwoodman.com. ***We are ready to begin!***

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



John V. Ambrose, PE
President/CEO

Deborah Finn, CPSM
Chief Marketing Officer/Secretary

SEO/CAG:sj

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Appendix A: Resumes



Engineering News Record's Top 500 Design Firms list, published annually in April, ranks the 500 largest U.S.-based designs firms, both publicly and privately held, based on design-specific revenue. Baxter & Woodman ranked 326 with revenues just over $40 million.

FIRM DESCRIPTION & QUALIFICATIONS

Established in 1946, Baxter & Woodman, Inc. has grown to a full-service firm of 298 professionals who provide planning, design, and construction expertise in water, wastewater, transportation, and stormwater facilities, technology, mapping, surveying, funding, sustainable initiatives, and more.



Offices located in Illinois, Wisconsin, and Florida, and several field offices have been established to respond quickly to requests for meetings or to visit project sites. Staff members routinely work out of various office locations in order to provide the specific services and support our clients require.

Our team offers expert services that stretch well beyond typical engineering consulting. We are committed to **building community value** with each and every project we help you complete.

FIND & FUND
Finding Funding to Get Projects Built!

CONNECT & COMMUNICATE
Innovative Ideas to Connect Clients with their Communities!

SAFE & SECURE
Count on Us in an Emergency!

RESPONSIVE PROJECT SUPPORT

Services for the Village's project will be provided primarily from these offices, with readily available support from other locations, as needed:

CRYSTAL LAKE *(corporate)*	NAPERVILLE	MOKENA
8678 Ridgefield Rd. Crystal Lake, IL 60012	1548 Bond St., #103 Naperville, IL 60563	8840 W. 192nd Street Mokena, IL 60448

Other office locations include:
ILLINOIS: Chicago, DeKalb, Peoria
WISCONSIN: Burlington, Madison, Milwaukee
FLORIDA: Fort Lauderdale, Key West, West Palm Beach

www.baxterwoodman.com



PRIMARY CONTACT:
Carolyn Grieves, PE
8678 Ridgefield Rd.
Crystal Lake, IL 60012
815-444-3230
cgrieves@baxterwoodman.com

PREPARED 30+ WATER SYSTEM MASTER PLANS

45 WATER & SEWER RATE STUDIES

200+ WATER ENGINEERING PROJECTS PER YEAR

$207M+ IN IEPA LOANS OBTAINED

PREPARED/UPDATED WATER MODELS FOR 50+ COMMUNITIES

FULL RANGE OF SERVICES

Baxter & Woodman has provided engineering and technology services to communities, counties, and agencies located throughout the Midwest and Florida during our 74 years of business. We offer a diverse range of municipal services from project inception to construction close-out. All necessary engineering services are provided in-house with the exception of geotechnical engineering.



Services we routinely provide include:



Roadways



Intersections



Stormwater Management



Construction



Water Systems



Wastewater Systems



Infrastructure



Shared Use Paths



Street Lighting



Bridges/Structural



Public Outreach



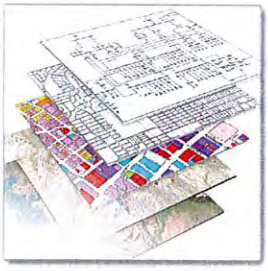
Sustainable Solutions



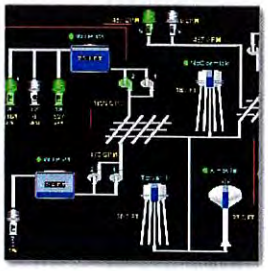
Survey



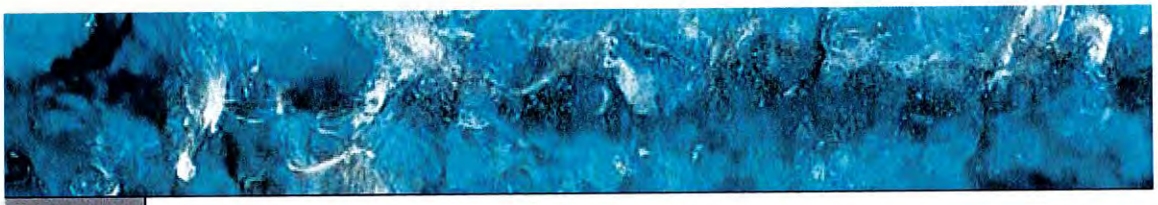
Funding/Grants



GIS/Asset Management



Automation/Controls



About Process Research Solutions, LLC

Process Research Solutions, LLC, is a chemical engineering consulting firm specializing in drinking water quality issues.

The company investigates water quality problems in drinking water systems (both municipal water distribution systems and plumbing in buildings) to determine the underlying chemical and microbiological causes upon which remedies can be focused.

But, acting on water quality issues *after* a problem occurs is costly. To help drinking water utilities become more economical, Process Research Solutions also offers the tools for proactive routine water quality monitoring. This monitoring can head off major problems and can lead a water system into measurable water quality control and process improvement.

Process Research Solutions, LLC, was founded by Abigail F. Cantor, P.E., in 1997 after nearly two decades of designing water and wastewater treatment processes in large engineering consulting firms. Ms. Cantor is recognized as a national expert in the field of internal corrosion in water distribution systems. She is also known for user-friendly and efficient computer software designs to aid in data management and information retrieval.

Education and Credentials

- BS Civil/Environmental Engineering, University of Tennessee-Knoxville, 1978
- MS Chemical Engineering, Columbia University, 1980
- Registered as a Professional Engineer in Wisconsin
- Computer programmer interacting with Microsoft Office software
- Member of the American Water Works Association
- Member of the American Water Works Association Lead and Copper Rule Task Advisory Workgroup
- Vice-chair and Chair of the Research Committee of the American Water Works Association Wisconsin Chapter, 2002 to 2009 and 2011 to 2017
- Instructor of "Water Quality in Distribution Systems and Building Plumbing" at the University of Wisconsin Department of Engineering Professional Development

Awards

- 2015 AWWA Most Notable Contribution to the Science of Public Water Supply Development for JAWWA 106:7:E336-E349
- 2015 AWWA Distribution and Plant Operations Division Best Paper Award for JAWWA 106:7:E336-E349
- 2011 Wisconsin Water Association Research Award
- 2007 Wisconsin Water Association Gimmicks and Gadgets Award for development of the PRS Monitoring Station for monitoring in water distribution systems in order to track the quality of the water that the consumer experiences

ABOUT IRENE CAMINER



Irene with Caminer Law brings to this team 20-plus years of municipal water supply experience including responsibility for legal and legislative matters, such as the management of the 47 direct water supply agreements. When issues arose or contracts expired, Irene's approach included a review of the statutory, engineering, and social/political requirements to ensure the provision of reliable, resilient, and safe drinking water. Working with leadership, Irene actively negotiated the terms of the water supply agreements and thereafter, worked with the Mayor's Office and the Mayor's Office of Intergovernmental Affairs in preparing, testifying, and seeking City Council approval to execute the agreements.

Irene prepared presentations for constituents, political leaders, and other stakeholders, so that there was support for the actions being taken. In addition, Irene worked closely with leadership regarding its Lake Michigan Allocation from the Illinois Department of Natural Resources, including developing conservation plans, setting goals for the reduction of unaccounted-for-flow and related issues.

Throughout Irene's career, her approach to matters has been to identify the issues, review the available options, and identify potential solutions (taking into consideration cost and other feasibility measures) and then resolve or implement in a meaningful, useful, and satisfactory manner, while protecting the water system.

DBE / WBE CERTIFIED

public involvement + strategic communications + planning

About Us



IMAGES, INC. is an award-winning strategic communications firm that specializes in public involvement, project management, marketing and planning. We are a full-service firm that provides leadership and strategy, as well as implementation. We work in a variety of industries, as well as with both public and private sector clients. We help to bridge the communications gap between our clients and their target audiences by crafting clear and concise messages and delivering them in innovative and effective ways.

Images has successfully provided strategic leadership on some of the largest public works projects in the U.S. Our team is comprised of professionals who provide a well-balanced and diverse skill set, enabling us to work with government agencies, private corporations and members of the public on a variety of projects and initiatives.

Images works with state departments of transportation; local, state and regional transportation authorities; transportation and transit agencies; state and federal highway authorities; metropolitan planning organizations; resource agencies; technical advisory groups; local, state and federal elected officials; municipalities and counties. We have been recognized by the Transportation Research Board, the American Association of State Highway and Transportation Officials and the Publicity Club of Chicago for our creative, innovative and impactful public involvement and strategic communications work.

Our success is attributed to our proactive approach to communications that involves strategic planning, identifying target audiences, and qualitative and quantitative research to develop and implement creative marketing programs that increase awareness and build support.

OUR SERVICES INCLUDE:

- Strategic Communications
- Public Involvement
- Transportation and Land-Use Planning
- Construction Services Coordination
- Project Controls Support
- Premier Event Planning
- Facilitation/Charrettes
- Qualitative/Quantitative Research
- Marketing and Branding
- Graphic Design and Video Production
- Translation Services
- Media Outreach and Social Media Campaigns
- Speech Writing and Presentations
- Website Content and Design

IMAGES INC

12501 Diehl Rd.
suite 100
Naperville, IL 60563
t 630.510.3944
f 630.510.3947
www.imagesinc.net

PROJECT UNDERSTANDING

The Village of Oswego has been diligently searching to ensure a sustainable water source for the community. The Village is evaluating three alternate water sources, including the Fox River, DuPage Water Commission, and the City of Joliet. The Village's deep groundwater source is in risk of depletion in the decades to come. Three alternate water studies have been completed, but the City of Joliet Water Supply is a new, feasible alternative worth fully vetting and comparing to existing options.

The purpose of this study is to evaluate the feasibility of the City of Joliet as a supplier of Lake Michigan Water, including water quality, water quantity, pipe routing, and capital improvement planning.

While the engineering analysis of the City is important, this project is more than numbers and calculations. It is vital to help inform the residents of the Village of Oswego about the long-term benefits to receiving Lake water. We know that a supply change is a significant decision for your community. Our team will help provide the engineering, legal, water chemistry, and public education information you will need to help engage and educate your community and stakeholders.

Unmatched Experience



Baxter & Woodman is the Water Modeler and Master Planning Firm for the City of Joliet. We have helped them and their implementation team develop water system solutions since 2013!

Baxter & Woodman is also the Water System Engineer for the Village of Plainfield and helped them study, plan, design, and construct Lake Michigan Water Improvements back in 2006. Sean O'Dell was the lead design engineer.

Baxter & Woodman brings a unique team to the project that is prepared to help the Village to develop and achieve a new long-term water system vision. The Village will benefit from a well-rounded team with unmatched experience in the Oswego area in water modeling, water supply, water transmission main routing experience, water system operations, controls, and finances expertise. In addition, we have added legal expert Irene Caminer, water chemist Abigail Cantor, and public relations experts Images, Inc. to our team. We are confident that our team can work effectively with the Village to help you make important decisions to ensure a sustainable water supply is available into the future.

PROJECT APPROACH

Baxter & Woodman has been the Water Systems advisor, advocate, and engineer for many communities in the area, including Plainfield, Joliet, and Shorewood. We intend to use this regional experience in Oswego to achieve your long-term water supply vision. Our Approach has three core missions:

1. Meet Your Schedule

2. Deliver on Your Scope

3. Address Your Challenges



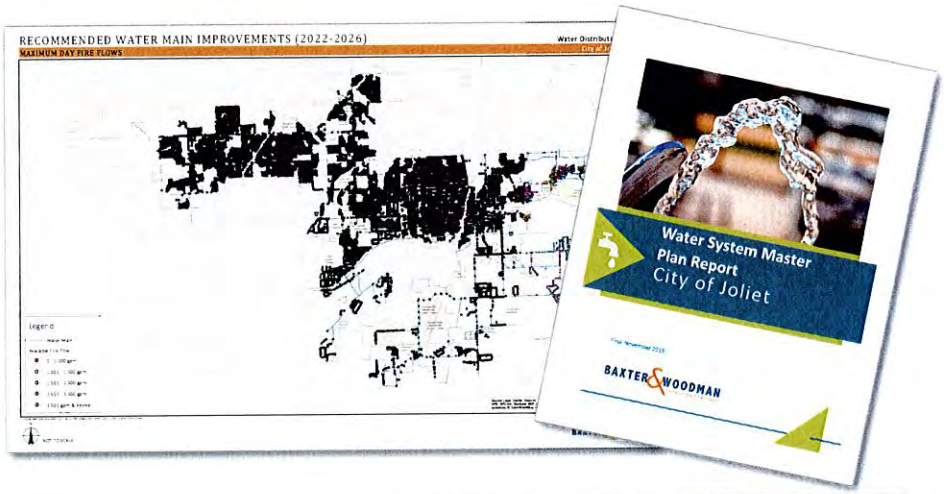
Sean O'Dell and the Plainfield team inside the new Lake Michigan Water Metering Station

1. MEET YOUR SCHEDULE

Our team is well-versed in developing and meeting realistic schedules. The draft schedule below allows sufficient time for proper analysis and thorough review by involved parties. We are more than willing to revise and update this schedule to meet your project expectations.

TASK	COMPLETION DATE
Project Awarded	August 18, 2020
Kick-Off Meeting	September 1, 2020
Data Collection and Analysis	September 15, 2020
Preliminary Cost Memo	October 19, 2020
Alternative Route Meeting	November 9, 2020
Alternate Discussion	November 18, 2020
Draft Report Submitted	December 14, 2020
Meeting to Review Staff Comments	January 19, 2021
Study Completed	February 8, 2021

Baxter & Woodman assisted the City of Joliet with developing a WaterGEMS hydraulic model as part of a long-term infrastructure replacement plan. We have worked with the City for years on multiple projects and have consistently met schedules.



2. DELIVER ON YOUR SCOPE

The Scope of Service provided match our expectations for the project. We have added some details to the scope requested by the Village. We plan to approach the project by tackling the following tasks:

1. Evaluate Joliet Water Source Option

a. *New Supply Transmission Main* - The largest cost of a new Joliet water supply will be the construction of a new transmission main. Identifying and evaluating different alternatives can cost or save the Village millions of dollars and months of headaches. The following page includes just a few of the numerous factors that will play a role in our recommendation.

1. Connection Points
2. Crossings: Road, Rail, and River
3. Environmentally Sensitive Locations & Wetlands
4. Easement and Right-Of-Way Challenges
5. Elevation Change
6. Ease of Construction
7. Parkway or Pavement
8. Permitting Hurdles, Cost, and Time
9. Approval and Construction Schedules
10. Trenchless Technologies and Alternate Materials
11. CCDD and Soil Considerations
12. Cost - Triple Bottom Line

We will use the past rating conventions/ratings from the previous routing studies and improve on them as we evaluate Joliet against the two water supply current alternatives.

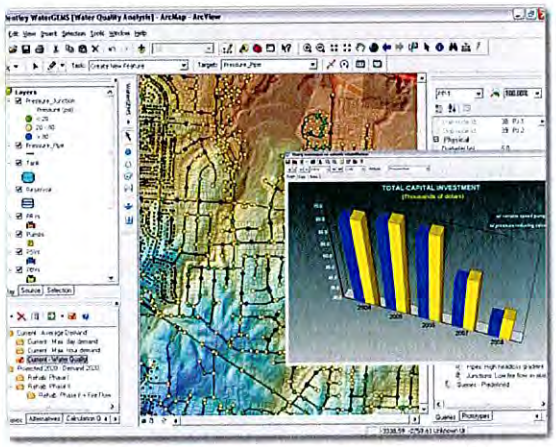


The City of Joliet water supply has many routing options. We will focus on three agreed-upon routes at the kick-off meeting for our analysis. Here are two possible routes. The Village will benefit from our local experience when investigating the routing through Plainfield and/or Shorewood.

b. *Impact on the Village's existing system* - One of our steps in the process of evaluating supply from the City of Joliet is to consider the impact of one (or several) supply points to the Village's existing system. We currently operate the City of Joliet's existing water model. In addition, we will use the Village's existing hydraulic model to determine what improvements may be necessary in the existing system and the best connection points for the new supply. If the Village does not have an existing or recent water model, we recommend developing or updating one. A water model will be a critical tool when evaluating a significant change to the operations of your water system. We will also work with your operators and review the strengths and weaknesses of your existing system. We know, currently, that the most likely connection point in the City of Joliet is at its 3 MG Ridge Road Standpipe on the northwest side of the City.

WATER SYSTEM MODELING

Baxter & Woodman has prepared **water models** for numerous municipalities and currently manages and updates models for many of our clients. A water model is an important tool to help manage and evaluate your water system infrastructure.

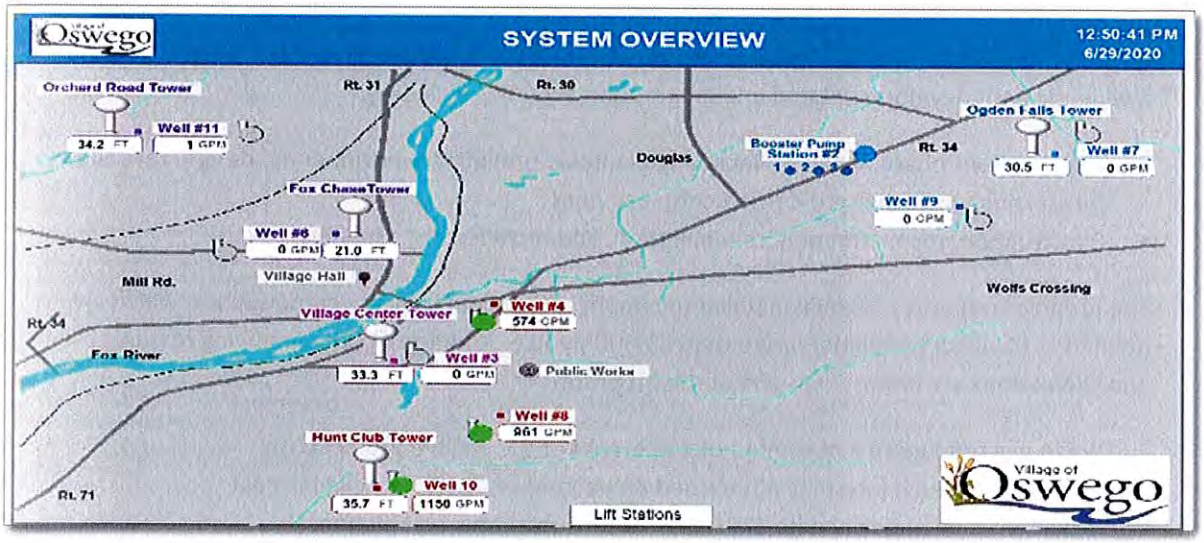


WaterGEMS model using ARC-GIS Interface

A water model is a computerized representation of all the components of your water system, including water mains, pumping stations, storage reservoirs, and elevated towers. Once the model is built and calibrated it can be used to run simulations and evaluate existing and future conditions within your distribution system. "What If" scenarios can be easily evaluated, such as when the pumping station is out of service while looking at the overall operation of the system. A water model can also be used to help build a water main replacement program.

The Village has three pressure zones. Option 1 on our exhibit shows one potential route to supply water to the Village's High Pressure Zone. The benefit of connection to the Village's High Pressure Zone is that this connection may allow you to feed the rest of the Village through gravity and with less pumping and distribution system improvements. It may be more costly to construct the new transmission main to the High Pressure Zone (at the northeast corner of the Village). However, the Ogden Falls grade elevation is a nearly 120-feet higher hydraulic grade line than that the City of Joliet's standpipe. A large pumping station will be necessary to deliver water to the High Pressure Zone. In addition, there is only one transmission main connecting the High and Middle zones along Route 34 that may be a bottleneck to a single supply in the High Zone.

Alternatively, there may be a better supply connection in the Village's Middle Pressure Zone, as shown in Option 2. Connecting to the middle pressure zone allows the Village to feed the Low Pressure Zone through gravity but will need to pump to the High Pressure Zone. In addition, the area near the Village's Public Works has a hydraulic grade elevation 55-feet higher than the Joliet Ridge Road standpipe. A smaller pumping station to move water to Oswego will be needed if the Village makes a connection to the Middle Pressure Zone.



2. Draft Report Comparing Fox River, DuPage, and Joliet

This report will take previous alternate water studies and summarize into a clear and informative summary of pros, cons, costs, schedules, exhibits, and the final recommendation.

a. *Cost* - Accurate preliminary cost estimates will be determined as part of the Joliet water supply study. We understand the importance of providing accurate cost estimates during this phase of the study stage so future budgets for Phase II design and Phase III construction are on target. In addition to capital costs, we will provide operating and financing costs for the three supply options: Fox River, DuPage Water Commission, and the City of Joliet. Baxter & Woodman's rate study expert, Tim Chan, will evaluate the Village's current water rate and estimate the impacts on residents' average water bill.

WIFIA FUNDING

One potential funding source for a project the size of a Oswego's New Water Supply is the Water Infrastructure Finance and Innovation Act (WIFIA). WIFIA was established in 2014 as a federal credit program led by the Environmental Protection Agency (EPA) for eligible water infrastructure projects. Local governments are eligible borrowers and the program covers a wide range of development and implementation activities including:

- Development phase activities, including planning, preliminary engineering, design, revenue forecasting, and other pre-construction activities
- Construction, reconstruction, rehabilitation, and replacement activities.

The program requires a 20 million dollar minimum project size for large communities, which are defined as having a population more than 25,000 people. Additionally, the following features and stipulations are imposed as part of the program:

- WIFIA will fund up to a maximum of 49 percent of the eligible project costs
- Total federal assistance may not exceed 80 percent of a project's eligible cost
- Maximum final maturity date of 35 years after substantial completion
- Maximum deferral period of repayment of five years after substantial completion;
- Interest rate equal to or greater than the U.S. Treasury rate of a similar maturity at date of closing
- National Environmental Policy Act, Davis-Bacon and Related Acts, American Iron and Steel, and all other federal cross-cutter provisions apply

Baxter & Woodman shares in your challenge of best utilizing local funds in their most efficient applications. Our team will assist you with proactive planning and finding creative solutions that facilitate building your needed improvements.

b. *Financing* - The Village values cost-conscious solutions that help demonstrate positive fiscal responsibility. Baxter & Woodman shares in your challenge of best utilizing local funds in their most efficient applications. Finding funding doesn't just mean looking at typical State, Federal, and agency grant/loan programs, it also means assisting you with proactive planning and finding creative solutions that facilitate building your needed improvements, such as:

1. Innovative Solutions that Save Resources and Make Improvement Goals Attainable
   - Alternative design and construction rehabilitation methods
   - Energy efficient equipment that reduces utility and maintenance costs
   - Repurposing infrastructure and materials recycling
   - Innovations in information technology, automation, and remote access

2. Capital Improvement Planning and Annual Maintenance Programs
   - Advanced knowledge of maintenance needs helps communities take advantage of funding programs

3. Cost Sharing and Teaming
   - Collaborating with interested organizations, industries, and agencies
   - Teaming with other stakeholder communities
   - Public/private partnerships

c. *Continuity* - Thinking through the continuity of operations during the potential transition as well as long term operations with Lake Michigan Water is a vital step in the planning process. We will work directly with your water operators and the Village's hydraulic model to understand any hydraulic challenges or operational limitations in your system. We will also review your Village's Emergency Response Plan and work with Concentric Integration (Baxter & Woodman's subsidiary) to help develop a system redundancy strategy with any of the three water supply options. There may be a need for some additional water main or PRVs to help maintain operations. These are often unidentified costs that we will make sure are incorporated in the plan.

We have helped other communities transfer from ground water to Lake Michigan water. We will provide a Peer to Peer opportunity for you to discuss challenges and lessons learned with the Village of Plainfield.

d. *Quality* - Lake Michigan water quality is often considered extremely palatable and enjoyable by those that receive Lake water. However, any change in sources or treatment must be evaluated closely and be approved by the IEPA with a permit. The IEPA will focus on lead and copper corrosion control and will require additional sampling and a corrosion control study to evaluate lead and copper water quality parameters. We have teamed with Abigail Cantor from Process Research Solutions, a nationally known Water Chemist, to help provide guidance to the Village to address the potential changes in water chemistry and water quality. We will help prepare the Village for the impacts of the change on your distribution system as well as your residents.



e. *Alternate Timeline* - We understand that timing is essential for the Lake Michigan water evaluation. The Village estimates that you will need a new well by 2026. Joliet estimates that they will have new Lake Michigan water supply by 2030. A new deep well will take a minimum of 18 months to design, permit, and construct, not including treatment. We will keep your short-term and long-term goals in mind while evaluating the potential schedule of

all three water supply options. Additional criteria such as permitting, funding, easements, and legal agreements will be considered with the timeline. An alternate timeline will be created if the Joliet option is not selected.

f. *Legal & Governance* - Our teammate – Irene Caminer with Caminer Law, LLC will provide advice, counsel and guidance to the Village of Oswego as follows:

- Analyze, compare and contrast the general legal obligations of the village based upon existing and proposed contracts. This may also include a review of federal and state laws, rules and regulations, including but not limited to the Safe Drinking Water Act, Illinois Compiled Statutes such as the Metropolitan Water Reclamation Act, the Public Utilities Commission Rules and the Illinois Environmental Agency and the Department of Natural Resources rules and regulations. Caminer Law, LLC will also provide review, draft and suggested edits to water governance documents, financial documents, water supply agreements, water conservation plans and other related documents.

- Assist in outlining a plan with clear goals to obtain buy-in from stakeholders including the residents, businesses and local public officials of the Village of Oswego (Montgomery and Yorkville) and others. This may include a structure for meetings, ordinance drafting, attendance at meetings with elected officials to brief on proposed legislation, attendance at public meetings relating to the introduction of legislation, hearings and passage of legislation.

- Participate and assist with the facilitation of regional water supply discussions that are meaningful, transparent and equitable. This will include preparation for discussion, for example of available options, cost-benefit analysis, roles and responsibilities of each participant, and developing an overall agenda and guidance document that will be used to form the basis of a draft written agreement.

- Assist in the development of a political strategy and coordinate with federal and state lobbyists. This may include an outline of a plan to obtain an allocation for Lake Michigan water from the Illinois Department of Natural Resources, draft presentation(s) and attending meetings with lobbyists and stakeholders.

3. Evaluate New Well & Storage

a. *New Well* - The Village anticipates that you will need a new deep well by 2026 to meet growth projections. We recommend re-evaluating the relevant demand information and updating projected growth and water usage early in the project. Designing, permitting, and constructing a new deep well, including WRT treatment, can take up to two years. We will make sure to evaluate the need for the new well along with developing a practical timeline and budget for the study.

b. *Water Storage* - The Village currently has five elevated storage tanks totally 5.3 Million gallons. The Village's existing elevated tanks provide just over two average days of water storage. As a general rule of thumb, the Village has the necessary storage for a typical Lake

Michigan Water user. However, water suppliers often have their own storage requirements which will be reviewed as part of the discussion with the City of Joliet. In additional, depending on the supply connection points, additional storage may be necessary at a receiving station for operations.

4. Community Engagement

In this day and age of instant messaging and headline news, the public at large has a greater awareness than at any other time in history. Unfortunately, headlines don't always tell the whole story and as the message is passed along, the meaning can become distorted - causing confusion, fear, and even anger. Baxter & Woodman knows that public acceptance is critical to the success of a project and that is why we have included Images, Inc., a strategic communications firm on our team.

Images, Inc. has mastered the art of strategic communications through visioning, planning, and understanding. Our team will collaborate with the Village to develop a well-thought-out strategy for communications throughout the life of the project and use this to create a Public Involvement Plan. This Plan will drive our activities - from meetings, events, and education to innovative graphic designs, digital content, social media, and more. The Plan will inform processes and overarching message frameworks, but the team will work iteratively to tailor specific messages to a variety of audiences as the project progresses. Our team regularly works with diverse segments of the public, confirming each message is tailored to the specific needs, interests, and perceptions of every group. This flexibility is what will create true public engagement and buy-in and create project champions along the way.

Implementing such a comprehensive Plan requires the skill to translate complex, technical messages into easily digestible and relevant bits of information. Images, Inc. has been excelling at this very task for nearly 20 years. Through creative use of imagery and original design, we bring meaning to the phrase: "Communication is not a one-size-fits-all approach." We understand the messaging differences between a millenial versus a senior, an advocate versus an opponent, and will deliver each critical message across a variety of channels including print, digital, community event, open house forum, or virtual meeting.

We will start by designing a brand for Oswego water that can be utilized regardless of what source is selected and last through implementation of the new water source and beyond. Having a brand provides your customers with an easily recognizable image that they will come to understand symbolizes water for the Village - as it relates to the current project, a future source, the implementation process, and conservation. We propose developing a website that will utilize the brand and be the source of information for your water programs. The website will include features for individuals to sign up for the stakeholder list and to submit comments. Next, we will identify the stakeholders, including local, regional, state, and federal governing bodies and organizations; advocacy groups; local business, social, cultural, and religious leaders; and the citizens of Oswego. This base list of stakeholders will be built upon as the project progresses.

To build community trust, it is essential to have an open process that allows those members of the community who wish to participate the opportunity to be involved from the start of an initiative.

We encourage their participation in a meaningful way and want to hear what they have to say. A powerful and yet simple educational and awareness campaign will be created to kick off and introduce the project. This will generate excitement and a desire to be a part of the process.



Because many of us take for granted water will flow whenever we turn on the tap, we rarely stop to consider the limited nature of such a precious resource. The amount of water Kendall County will need by 2050 is estimated to increase 51 percent from 2011 usage as reported in the Chicago Metropolitan Agency for Planning's (CMAP) ON TO 2050 Regional Water Demand Forecast. This proves the need for the Village to act on a new water supply. It will take a strong educational campaign targeting businesses, members of the public, and students alike to generate awareness of the value of this commodity. The need to implement a thorough water conservation campaign is obvious and our ability to do so is unmatched. We initiated a water awareness campaign for the City of Joliet that continues today. We also implemented a railroad safety campaign that faced similar challenges but serves as an example of a campaign that not only educated the public about the Illinois High-Speed Rail program but turned members of the public into project champions.

We are experts in strategic communications and grassroots education. We understand there is fear of change and concern for the environment. The need to overcome these perceptions is significant but not a challenge we are unfamiliar with. For an educational campaign to be successful, we must address citizens' concerns and confirm community members understand how these changes will impact them. As a result, this campaign will need a unique balance of education and persuasion, a combination similar to work Images, Inc. has executed in the past.

A CMAP report shows the 2019 cost per 5,000 gallons of water in Oswego was $32.54. This ranks the Village as 82nd out of 248 responding municipalities and a relatively low rate compared to the highest rate of $129.52. Even with these figures, a concern that will be raised is cost - not only the cost to the Village for construction but how these costs will impact individual water bills. We are living in uncertain times as the nation deals with the COVID-19 pandemic resulting in historic unemployment levels. It will be important not only to explain costs and the amount of increase it will have on individual bills but to also present the benefits a new source of water gives to the community.

A series of public information sessions will be hosted in person utilizing social distancing and/or virtually to provide the public with information on the water supply issues the Village is facing. Our team will explain the current circumstances, the process for developing a solution, and present the options for moving forward. These events will allow for interaction with the team and Village staff as well as the opportunity to provide comments. We will design eye-catching displays and presentations that are easy to understand. Materials will be posted to the website so they can be reviewed again at any time.

In addition to public meetings, utilizing the Village social media platforms of Facebook, Twitter, and LinkedIn is important. We will create a social media campaign to promote the project and water conservation. While it feels like we live in a digital world, we know that it is not a preferred method of communicating to everyone, so we will also produce a poster campaign to increase awareness.

We recommend use of multiple communication assets and tactics to reach the greatest number of people. This may include:

- Implementation of a **public survey** to determine the level of understanding of the water issues.
- Production of a short (three-minute) educational **video**.
- Formation of a **Stakeholder Committee** made up of Village officials and community leaders to be the first to learn about the project milestones, to provide insight and feedback, and to assist in getting the word out to the public.
- Execution of a **promotional contest** to generate enthusiasm and increase support. The community can be influenced by this excitement and want to be a part of it. The promotion could be in the form of a poster or slogan contest.
- Participation at **local festivals** (when they are held again) to bring the message to the people. It is a challenge for people to take time from their busy lives to attend a public meeting. However, people can stop and talk for a few minutes if you go where they go. This includes a local farmers' market.
- Creation of a **project hotline** so residents and business owners can leave a message or ask a question by using an easy-to-remember phone number such as 800-MY-WATER.
- Launch a **comment management system** that confirms comments are documented and responded to in an appropriate and timely manner.
- Establishing a **speakers' bureau** composed of prominent community influencers and business leaders to save cost and spread the word about the project status.
- Creation of an electronic monthly project **newsletter**, *Water Wise*, to be sent out to everyone on the project mailing list. This type of marketing not only informs the public of the project status but facilitates a larger culture change predicated on the creation of long-term water sustainability advocates.
- Development of an **app**. With over 77 percent of Americans owning smart phones, apps are an easy channel through which to communicate up-to-date information.
- Draft of informational **press releases** to engage the media in spreading the word about the project.
- Host monthly **Water Chats** where anyone can participate in a short 30-minute update of the project and ask questions.
- Development of an **educational campaign** for students.
- Creation of **interactive online quizzes** like the popular Buzzfeed quizzes that engage a younger, digitally oriented audience. This type of interactive tool educates users in a non-traditional and entertaining way.

Our process is straightforward, accurate, and transparent. Images, Inc. believes that communication is not just about speaking or reading but about understanding the values. Images, Inc. will create a ripple effect throughout the Village to build trust, cultivate awareness, and promote collaboration.

We will foster an environment where everyone feels heard, informed, and educated about the project goals. It is our goal to not merely inform the community of water challenges but allow them to see the value for their community.

Baxter & Woodman knows communicating the benefits of a project to stakeholders and managing their expectations is a vital part of any government or municipal project. Our team is well versed in an assortment of communication tools that aid us in creating the most effective communication strategy for each project. From public meeting to on-site signage to website updates, our staff knows how to successfully utilize these tools to coordinate and promote positive public involvement.



Baxter & Woodman uses drone video and visualization as tools to help keep the public

5. Conservation Considerations

Currently the Village's average water demand per person is approximately 80 gallons per day per person. This water demand is "typical" for the Chicagoland region. However, further reduced water use in the Village will help minimize the size and cost for the new water supply main and pumping station.

Water conservation focuses on taking action to improve the effectiveness of water use through your community by various means, such as influencing water usage activities by public education and improved water system operations. Public behaviors can significantly impact water usage. Promoting water efficient fixtures and appliances and the value of water can have a significant effect on water conservation.

In addition to educating your residents on the value of water, any community that receives Lake Michigan water must meet the Illinois Department of Natural Resources (IDNR) Lake Michigan Allocations rules. The current rules have established a Non-Revenue standard of 10% (as calculated by the AWWA M36 Water Audit methodology). We recommend evaluating your current Non-Revenue water now with the M36 Water Audit to determine if you will meet the IDNR requirements. Any water system not in compliance with the Non-Revenue standard is required to submit and commit to a water system improvement plan to reduce lost water. A water infrastructure renewal plan, water meter replacements, or billing systems may need to be addressed and could impact the total project costs.

6. Meetings

We recommend monthly meetings/virtual calls to manage expectations, progress and decision making. These meetings will set clear expectations for the team (both consultant and Village).

7. Project Deliverables

What can you expect?

a. *Weekly Check-ins from Carolyn or Sean (via phone or email)*
b. *Monthly Invoices and Progress Reports*
c. *Deliverables - All electronic documents will be shared using Microsoft OneDrive.*
   i. Draft Routing Exhibits
   ii. Draft Cost Estimates
   iii. Draft Report with updated Exhibits and Estimates
   iv. Final Report with Exhibits and Estimates

3. ADDRESS YOUR CHALLENGES

- ***Collaborating with Other Firms:*** Carolyn, Sean and the project team routinely collaborate with Jeff Freeman of EEI and Chad Laucamp of AECOM through professional organizations and committees. However, not having any involvement in the Village's previous phases of the project provides Oswego with a fresh perspective! Baxter & Woodman has a strong track record of providing value engineering and peer review to help remove unnecessary costs in project while assuring the quality, reliability, and performance.

- ***Collaborating with Municipalities:*** Baxter & Woodman has a strong working relationship with the Village of Plainfield, City of Joliet, and Village of Shorewood. We have helped all three communities with water system planning services. These relationships with your surrounding communities will help us achieve your project goals.

- ***Collaborating and Communicating with Oswego:*** Efficient and effective communication promotes project success and demonstrates a consultant's accountability. We tailor our project management to fit your needs.

    ◊ Scoping Meeting: At initiation we meet with Village staff to determine and document the limits of the study or design, as well as information on key stakeholders, environmental attributes, historical data, etc. Cost and potential impacts to residents will be identified early in the planning process to meet budget and maintenance goals.
    ◊ Project Status: We will provide monthly project status reports. These updates will help you and your staff keep current during all phases of your projects and give you the opportunity to provide us with feedback.
    ◊ Quality Control/Assurance: Peer reviews are conducted by similarly experienced senior engineers, constructability reviews by the construction department, and operability reviews by licensed operators.
    ◊ Obtaining Your Feedback: Upon project completion meet with staff to get feedback from you and learn what project elements the Village has found to be successful.

- ***Wetland and Best Management Practices (BMPs):*** The proposed water transmission main route is within or near wetland areas and waterways. To determine what types of water

resource permits are needed and to assist with the development of construction, stormwater, and wetland Best Management Practices (BMPs); we recommend a wetland delineation along the proposed route. The delineation will identify the location, extent, type, quality, and function of wetlands and waterways.

Utility projects crossing wetlands and waterways will need to comply with the rules and regulations of the Clean Water Act and Kendall County Stormwater Management Ordinance. This work includes avoiding impacts where possible (e.g., directional drilling), minimizing impacts, and site restoration, often including native plantings. Baxter & Woodman will help you navigate the various permitting options to select the most efficient and beneficial route for the project.

- ***Permitting:*** Baxter & Woodman's team will assist with obtaining the permits necessary for your improvements. We understand the permit requirements of these agencies and will work diligently to coordinate timely reviews. However, the permit agency processing time will ultimately dictate project schedule. Our goal is to obtain permit approvals as quickly as possible. Our familiarity with these agencies, their processes, and staff help us to anticipate the needed schedule time.

- ***Agency Relationships*** - Baxter & Woodman has a demonstrated record of cooperative work with regulatory agencies including the IEPA, IDOT, MWRDGC, CSX Rail, Army Corps of Engineers, and various other County and State agencies relevant to the Commission's project. Staff from these agencies are familiar with the quality of Baxter & Woodman's work, and often rely on their engineers to provide input and feedback on programs and requirements. Carolyn's leadership role with ISAWWA and Sean's contacts through APWA are both very helpful in this respect. The Village will benefit from Baxter & Woodman's relationships by receiving quick responses to requests for information and expedited approvals.

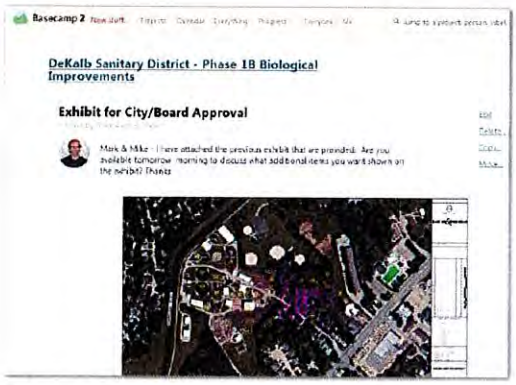
CASE STUDY



Baxter & Woodman is assisting Wheaton Sanitary District to replace the North Side Interceptor, which will be 5.3 miles long. The project includes coordination with 17 different permitting agencies:

- USACOE
- U.S. Fish & Wildlife
- IEPA/DWPC
- IDNR/ES
- IHPA
- IDOT
- DuPage - Stormwater
- DuPage - DOT
- DuPage - Forest
- Kane/DuPage - Soil and Erosion
- Milton Township
- City of Wheaton
- Wheaton Park District
- Village of Carol Stream
- Carol Stream Park District
- Union Pacific Railroad
- School District #200

BASECAMP® ONLINE COLLABORATION SOFTWARE



Basecamp®, an **online project collaboration tool**, promotes effective project management by allowing the project team and City staff to easily share files, discuss topics, collaborate on documents, and communicate due dates in one central location.

We have used Basecamp® on a number of recent projects, including DeKalb Sanitary District, Wheaton Sanitary District, and Glenbard Wastewater Authority. Baxter & Woodman owns a license for the software, which allows the City to benefit from its features at no extra cost.

QUALITY ASSURANCE/QUALITY CONTROL

Each Baxter & Woodman department has a Quality Assurance/Quality Control (QA/QC) Plan that incorporates peer reviews and constructability reviews conducted by senior engineers, certified operators, and construction managers at project milestones. These reviews aid in design accuracy, cost estimation, and scheduling. Our team collaborates to confirm quality is an ongoing focus and a superior product is achieved.

QA/QC Procedures

- **Customized Checklists**
- **Compliance with Project Deadlines**
- **Ample Support Staff**
- **Review by Senior Engineers**

At 30% complete, the preliminary design will be reviewed to identify potential constructability and operations concerns. Preliminary cost estimates are prepared to allow for design changes needed to meet your budget. Designs are reviewed again at 60% and 90% complete with the goals of minimizing change orders and confirming that your requests have been addressed.

QA/QC comments are received from reviewers at each critical project milestone and are documented in tabular format. Responses addressing these comments are required to be provided on the same form in order to readily identify concerns and their proposed resolutions.

Project documents are submitted to you only after QA/QC reviews are complete and approved by both the Project Manager and the Department Manager. As a commitment to our quality procedures, these QA/QC comments and resolution documents are available for your review upon request.

The benefits of our effective QA/QC procedures are most evidenced by tightly grouped bids, reduced change orders, and adherence to schedules and budgets. We routinely receive compliments from construction contractors and material suppliers regarding the thoroughness of our construction contract plans, enabling them to provide more accurate bids with minimal cushion for unknown risks.

WHY HIRE BAXTER & WOODMAN?

Baxter & Woodman has integrated a proven approach with customized features to successfully complete the Village's Alternative Waster Source Evaluation. Our approach is supported by:



Unique Project Team

Baxter & Woodman provides the right combination of professionals to help you find the best solution that achieves your project goals. Our water, infrastructure, automation, and construction engineers are supported by well qualified legal (Caminer Law) and public outreach (Images) firms to provide Oswego with a comprehensive project team.



Demonstrated Expertise

Baxter & Woodman has assisted many communities with alternative water source evaluations. We encourage the Village to call our references to hear our success stories with these projects!



Communication & Accountability

We value open communication with Village officials, staff, and the public. We will work with you to create a strategy promoting the Village's dedication to building a positive public response, and keeps your project moving forward.



Local & Responsive

Many members of our project team are located in our Mokena office, a short 30-minute drive away. Client Liaison and Mokena Region Manager Sean O'Dell is committed to being available to Village staff 24/7 throughout the project. Oswego can reach Sean on his cell phone at 815.482.7853.

PROJECT EXPERIENCE

Knowledge of all facets of a water system provides a solid foundation for performing a distribution study that effectively evaluates the existing components and enhances planning for future improvements. Baxter & Woodman completes over 200 water engineering projects per year. Below is a list of communities for which we have provided many years of multiple water system engineering services. ***We will gladly supply the Village with examples of previously completed studies upon request.***

COMMUNITY	Water System Planning	Water System Modeling	Rate Study	Water System Design/ Construction	SCADA/GIS	Operations Assistance
Bedford Park, IL				●	●	
Buffalo Grove, IL	●	●	●	●		
Carpentersville, IL	●	●	●	●		
Cherry Valley, IL	●	●		●		
Crystal Lake, IL	●	●	●	●	●	
Country Club Hills, IL	●	●		●		
Deerfield, IL	●	●		●		
DeKalb, IL	●	●		●	●	●
Elmhurst, IL	●	●	●		●	●
Gilberts, IL	●	●		●	●	●
Glenview, IL	●	●		●	●	●
Highwood, IL	●			●		
Island Lake, IL	●	●		●	●	
Joliet, IL	●	●		●	●	●
Kenilworth, IL	●		●	●		●
Lakewood, IL	●			●		
Lake in the Hills, IL	●	●		●	●	●
Mundelein, IL	●			●	●	
Northbrook, IL				●		
Oak Brook, IL	●	●				
Oak Forest, IL	●	●		●	●	
Oak Park, IL		●		●	●	
Palatine, IL	●	●		●		
Palos Park, IL	●	●		●		
Park Forest, IL	●	●		●		●
Plainfield, IL	●	●		●	●	●
Round Lake, IL	●	●	●	●	●	
Schaumburg, IL	●	●		●	●	
South Elgin, IL	●	●	●	●	●	
Sycamore, IL	●	●		●		
Western Springs, IL	●	●			●	
Woodstock, IL	●	●		●	●	●

VILLAGE OF PLAINFIELD, IL

Lake Michigan Water Transmission Main

The Village Board approved an agreement with the Illinois American Water Company (IAWC) to purchase Lake Michigan water. This decision was the culmination of many years of study, acquiring an allocation from the Illinois Department of Natural Resources, and negotiations, with IAWC.

HIGHLIGHTS

COMPLETION: 2003

CONSTRUCTION COST: $2.3M

TEAM MEMBER: Sean O'Dell

CLIENT CONTACT: Allen Persons, Director of Public Works
(815) 436-3577
apersons@goplainfield.com

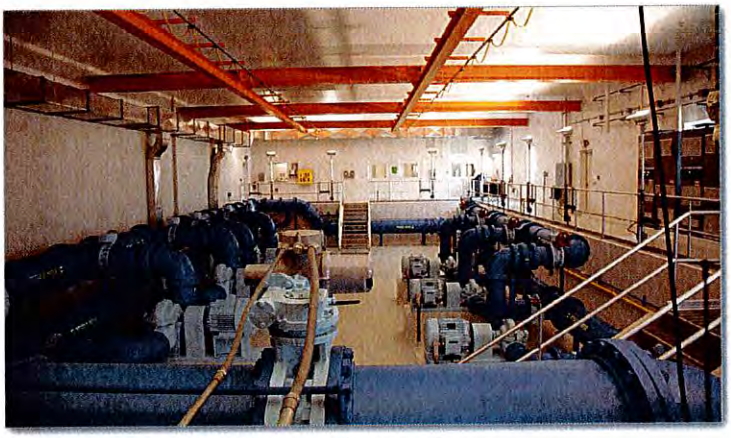
The first phase of the project involved constructing a 20-inch water main between Plainfield and Bolingbrook. Expediting the construction of this main would result in a savings of over a half million dollars to the Village, so the Village contracted Baxter & Woodman to complete a design/build of the water main and metering facilities. This project consisted of the design and construction of approximately 12,500 lineal feet of 20-inch water main and a metering station. This transmission main, which was connected to a 20-inch water main in Bolingbrook, allowed the Village to convert from a deep well system to a Lake Michigan water supply.

Testimonial:
"This 'design-build' Baxter & Woodman project was completed in less than six months...What many people do not realize is that the residents of the Village saved over $500,000 due to the timely installation of the two-mile-long transmission main and related metering station."

Allen Persons
Director of Public Works
Village of Plainfield

Approximately 1,050 lineal feet of 18-inch trunk sewer improvements were installed in conjunction with the water transmission main. The water main and sewer were installed in jacked casings across IL Route 59.

The project required obtaining easements along the north and south sides of 127th Street to accommodate the sewer and water main. The project also required permitting with the Illinois Department of Natural Resources and the Army Corps of Engineers to install the water main by open cut across the DuPage River.



Plainfield's Lake Michigan Water Pumping Station

CITY OF JOLIET, IL

Water System Model and Master Plan

Baxter & Woodman is assisting the City after developing a WaterGEMS hydraulic water model in order to identify and prioritize future water system projects. This knowledge will be instrumental in evaluating Joliet as an alternative water source for Oswego. The City experiences 250 main breaks a year and one of the primary goals of the water model project was to establish a long-term infrastructure replacement plan. The water model simulates over 650 miles of water main. The water model is based on the City's Water System GIS, which Baxter & Woodman has updated working with City staff to create data that is water model compatible. We also hosted a workshop with water department staff to review GIS updates and provide input on missing water system data. The water model is used to identify strengths and weaknesses in the City's distribution system. A final report was delivered to the City incorporating the findings and recommendations from the water model analysis. Our services included:

- Existing Conditions/History Review
- GIS Data Adjustments
- Model Calibration
- Distribution System Analysis Scenarios
- Water Main Break Analysis
- Model Exhibits
- Recommendations For Distribution System Improvements
- Final Report

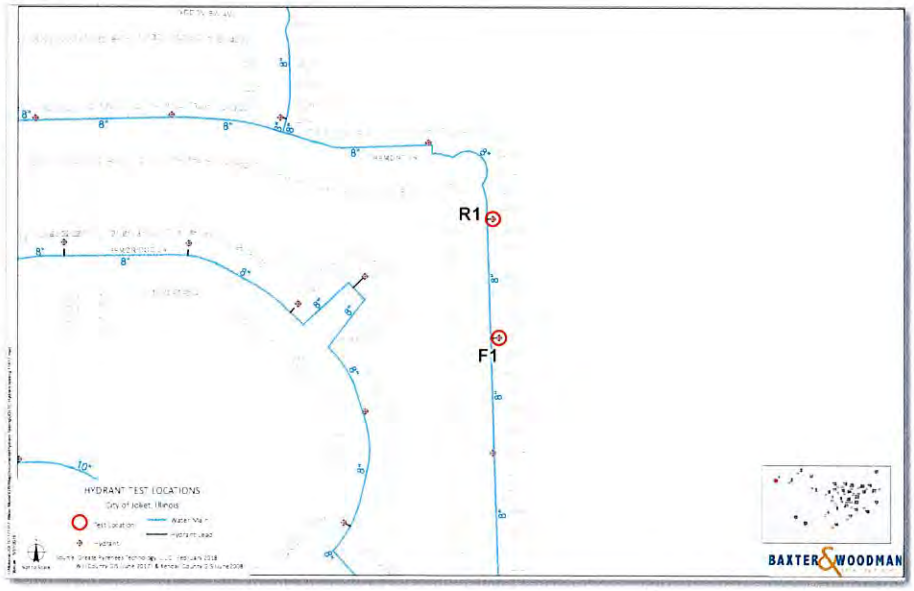
HIGHLIGHTS

COMPLETION: 2019

CONSTRUCTION COST: $205,200

TEAM MEMBERS: Lauren Schuld, Carolyn Grieves, and Sean O'Dell

CLIENT CONTACT: Allison Swisher, Public Utilities Director
(815) 724-4222
aswisher@jolietcity.org



VILLAGE OF SCHAUMBURG, IL

Water System Model and Master Plan

The Village's objective for the Water System Master Plan was to complete a thorough review of the entire water system facilities and operations to achieve a comprehensive water system planning document for water operations, facilities, and the distribution system. The purpose of the Model and Master Plan report was to develop a systematic approach for making both short- and long-term capital and operational efficiency improvements to help the Village build a roadmap for future improvements.

HIGHLIGHTS

COMPLETION: 2019

TEAM MEMBERS: Carolyn Grieves, Lauren Schuld, and Tim Chan

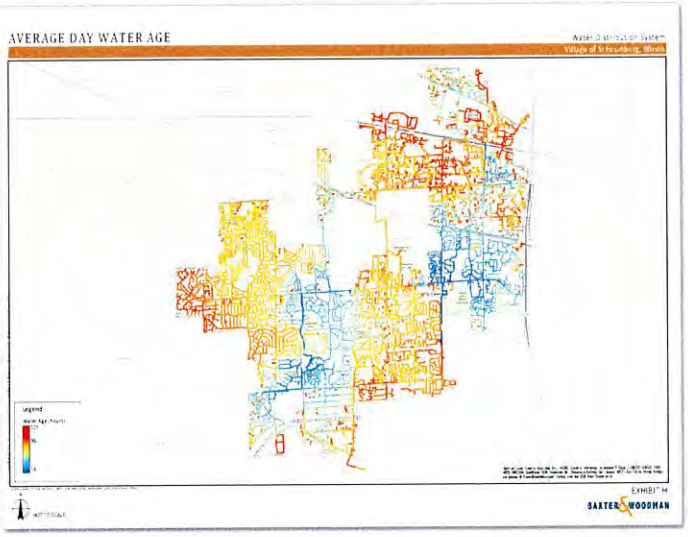
CLIENT CONTACT: Brian Wagner, Superintendent of Utility Services
(847) 895-7100
wagner@ci.schaumburg.il.us

The Water System Master Plan included the following components:

- Review of past water use and future water demand projections.
- Review of distribution system data and development of a hydraulic distribution model developed from the Village's Geographic Information System (GIS) database.
- Development of infrastructure needs including estimated project costs.

A new WaterGEMS® hydraulic model of the Village's water distribution system was developed and utilized to assist with verification of system pressures, fire flow capabilities, and development of water main improvements along with review of alternative operational schemes. The benefit of the new water model is that it correlates directly with the Village's GIS. Data from the model can be linked directly to GIS so that pressures and fire flows are readily available to Village staff.

Recommended distribution system improvements were developed based on criteria developed during the study and simulated with the model to address system deficiencies. These improvements were described including overall length and estimated cost to install. A map of the individual water main improvements is also provided. Near term projects were aligned with proposed street project plans. Long-term future projects were given a priority ranking to provide insight during the project planning process and also allow for flexibility in future improvement programs.



VILLAGE OF FLOSSMOOR, IL

Water Supply Evaluation

This Alternate Water Supply report evaluated the cost effectiveness and long-term viability of utilizing water supply wells to fully support the Village of Flossmoor's water supply needs.

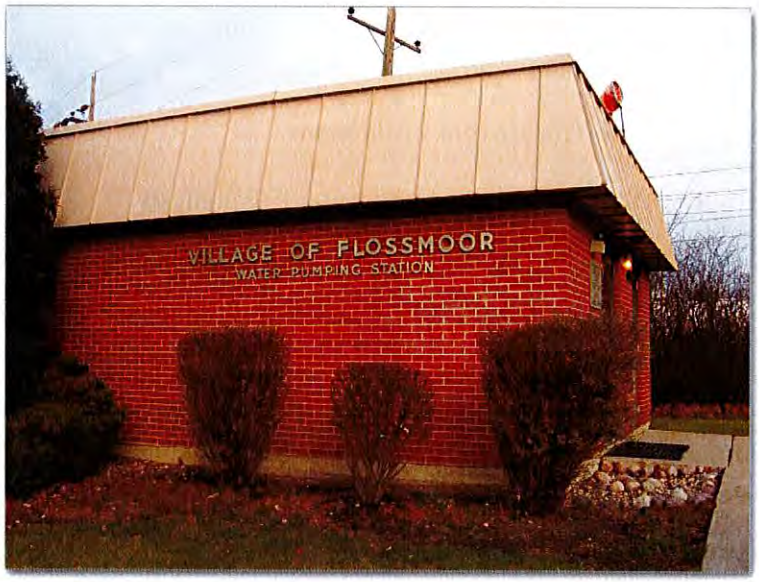
HIGHLIGHTS

COMPLETION: 2016

TEAM MEMBERS: Carolyn Grieves and Sean O'Dell

CLIENT CONTACT: John Brunke, Director of Public Works
(708) 798-2300
jbrunke@flossmoor.org

Rising costs of Lake Michigan water have caused the Village to consider alternate sources of water outside of their existing connection with the Village of Homewood. The Village began engaging in talks with numerous neighboring municipalities about forming a Joint Action Water Agency (JAWA) or series of interconnections to lower their water rates. The Village hired Baxter & Woodman to assess the advantages, disadvantages, and cost effectiveness of utilizing water supply wells as a future water source.



The alternatives that were evaluated include drilling new shallow limestone wells with softening and iron removal treatment; new deep sandstone wells with softening and radium removal treatment; and the purchase of treated well water from the Village of Park Forest.

The goals for this project included the following:

- Assess the current water demand.
- Evaluate population growth projections and their impact on water demands through the year 2040.
- Evaluate potential water supply facilities and their capacity to meet future water demands.
- Identify and evaluate alternative water supply sources for the Village's future needs, including a summary of treatment alternatives for shallow and deep well water supply.
- Calculate estimated construction costs for a comparison of all alternatives.

CITY OF ELMHURST, IL

Water System Model & Evaluation

The City of Elmhurst receives its water from an upstream wholesaler (the DuPage County Water Commission), stores water in various reservoirs, and then utilizes booster pumps to provide water to residents, businesses, and institutions. Baxter & Woodman conducted a comprehensive evaluation of the entire water system to develop and achieve a long-term water system vision focusing on operational efficiency:

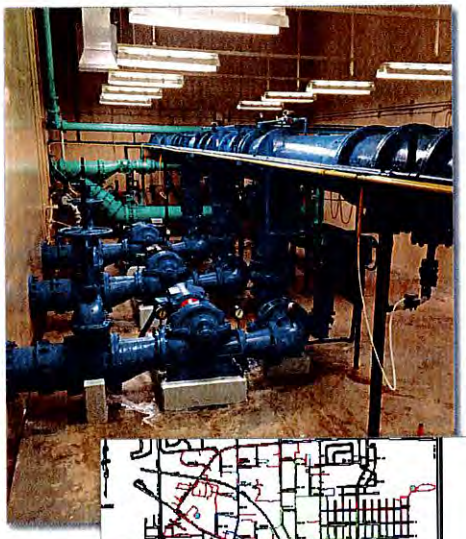
- Detailed evaluations of structural, electrical, and mechanical systems of water pumping facilities.
- A holistic evaluation of the water pumping process control system, including an evaluation of motor control centers (MCCs), Variable Frequency Drives (VFDs), automation (SCADA), water system analytics, and related instruments and technologies.
- Water storage tank evaluations.
- Water main leakage and water loss analysis.
- Valves, metering, and instrumentation analysis.
- Distribution system data and development of a new WaterGEMS® hydraulic distribution model developed from the City's GIS database.
- Analysis of distribution system strengths and weaknesses and development of a short-term and long-term infrastructure renewal plan.
- Updates to the City's CMMS database for asset management.

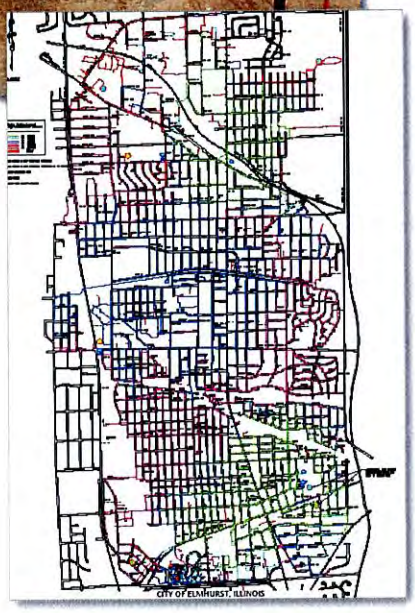
HIGHLIGHTS

COMPLETION: 2017

TEAM MEMBERS: Lauren Schuld and Carolyn Grieves

CLIENT CONTACT: Paul Burris, Utility Operations Manager (630) 530-3042 paul.burris@elmhurst.org





CITY OF ROLLING MEADOWS, IL

Water Model Update and Master Plan

Baxter & Woodman worked with the City of Rolling Meadows on a water model update and master plan. An updated WaterGEMS® model that coordinates with the City's GIS was instrumental to evaluating the water system improvements necessary to improve water service throughout the City of Rolling Meadows.

This project included rebuilding and updating the City's WaterGEMS® model so that the new model coordinated with the City's GIS. The updated model was used to develop a recommended water system improvements plan to address immediate and long-term water system needs.

HIGHLIGHTS

COMPLETION: 2019

TEAM MEMBERS: Carolyn Grieves and Lauren Schuld

CLIENT CONTACT: Rob Horne, Assistant Director of Public Works
(847) 963-0500
horner@cityrm.org

The project included:

- Updating the existing water model in WaterGEMS® for the City water system using the updated GIS information.
- Performing "distribution stress tests" by flowing hydrants in specific areas to confirm available fire flows match the model results and assist with calibration.
- Preparing water system exhibits showing pressures and fire flows for average day and maximum day water demands.
- Developing an "extended period" simulation (EPS) model which will be used to identify problem areas in the existing system during a variety of flow conditions.
- Providing recommendations for distribution system improvements.

VILLAGE OF SOUTH ELGIN, IL

Water System Model

Baxter & Woodman developed a WaterGEMS water model to help the Village analyze future developments and water system needs. The Village's Geographic Information System (GIS) was reviewed and updated as part of the project.

HIGHLIGHTS

COMPLETION: 2017

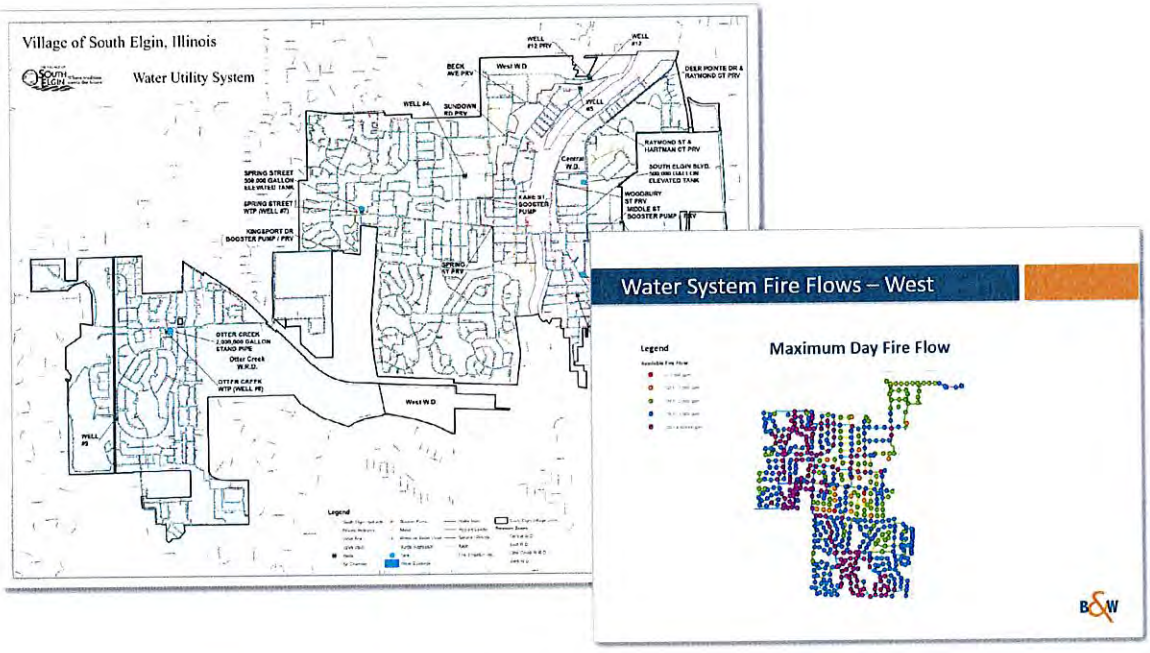
TEAM MEMBERS: Lauren Schuld and Carolyn Grieves

CLIENT CONTACT: Dan Mann, Superintendent of Water & Sewer
(847) 695-2742
dmann@southelgin.com

The project includes:

- A calibrated model developed from the City's GIS.
- Estimates of existing residential population, non-residential population equivalents, and water demands.
- Updated projected population estimates based on available developable land and anticipated changes in existing land uses.
- Updated WaterGEMS water system computer modeling work based on the Village's Geographic Information System (GIS) and infield fire hydrant flow testing.
- Use of the water model to identify problem areas and proposed solutions within the distribution system during a variety of demand conditions.

The Village is using the results of the water system study for future developments and capital improvement planning.



CITY OF JOLIET, IL

Water System Improvements

The City hired Baxter & Woodman to conduct a thorough review of its water system with the goal of developing a five-year capital improvement program to be funded by an IEPA low-interest loan. Projects were prioritized by analyzing water main breaks and criticality, existing fire flows, and number of customers. Twenty-three projects were selected for the five-year program with a total estimated cost of nearly $37 million. Baxter & Woodman prepared a project planning report and obtained IEPA approval for the 23 projects. The scope of services also included a review of the City's existing GIS system. Program Year One included design and construction engineering for the replacement of approximately 22,000 lineal feet of water main (4- to 16-inch diameter) and appurtenances distributed across five project areas. Years two and three have similar scopes of work, each including $7M worth of water main improvements.

HIGHLIGHTS

COMPLETION: Ongoing

CONSTRUCTION COST: $25.4M

TEAM MEMBERS: Lauren Schuld, Sean O'Dell, Steve Verseman, Carolyn Grieves, Dennis Dabros, and Tony Bianchin

CLIENT CONTACT: Allison Swisher, Public Utilities Director
(815) 724-4222
aswisher@jolietcity.org

VILLAGE OF WHEATON, IL

Wheaton Sanitary District North Side Interceptor

Wheaton Sanitary District owns and operates a sanitary sewer transmission pipe called the North Side Interceptor. This interceptor serves the northeast and central portions of the District's service area, including the Village of Wheaton, Village of Carol Stream, and Milton Township. The new interceptor will be 5.3 miles long, increase capacity, improve maintenance access, and minimize disturbance to environmentally sensitive areas. The interceptor will range in size from 24-inch to 54-inch diameter. The project consists of preparing a route study and providing preliminary and final design.

Services have also included coordination with 17 different permitting agencies, easement negotiations with 40 different property owners, hydraulic modeling for capacity analysis, flow metering, smoke testing, and value engineering. Construction began in 2017 and is expected to last five years. Total project costs are estimated at $40M.

HIGHLIGHTS

COMPLETION: Ongoing

CONSTRUCTION COST: $40M

TEAM MEMBERS: Tony Bianchin, Steve Verseman, Sean O'Dell, and Dennis Dabros

CLIENT CONTACT: Stephen Maney, Senior Advisor
(630) 668-1515
maney@wsd.dst.il.us

VILLAGE OF HOMEWOOD, IL

City of Harvey Water System Evaluation

The Village of Homewood receives potable water from the City of Chicago through the City of Harvey. In turn, water from Homewood is supplied to the Village of Flossmoor. As part of its contract agreement with the City of Harvey, the Village of Homewood is afforded the authority to conduct inspections of the facilities that provide drinking water to the Villages of Homewood and Flossmoor.

HIGHLIGHTS

COMPLETION: 2016

CLIENT CONTACT: John Schaefer, Director of Public Works
(708) 206-3470
jschaefer@homewoodil.gov

In late 2014, the Village of Homewood exercised its right to inspect Harvey's drinking water facilities and retained Baxter & Woodman to complete an assessment of the major physical components of Harvey's drinking water system including the following items:

- ICCR Pumping Station (2.9 MGD)
- CJ O'Connor Pumping Station (28 MGD)
- Storage Tank Inspections
  - ◊ 600,000 Steel Ground Level Reservoir
  - ◊ 3.0 MG Reinforced Concrete Ground Level Reservoir
  - ◊ 5.0 MG Reinforced Concrete Ground Level Reservoir
  - ◊ 6.3 MG Reinforced Concrete Ground Level Reservoir
  - ◊ 1.0 MG Steel Elevated Tank

Major Recommendations:

1. Review need for IC Pumping Station or make extensive repairs.
2. Improve operations for chlorine feed to maintain consistent entry to distribution system chlorine residuals.
3. Make repairs to the concrete ground level reservoirs at CJ O'Connor Pump Station.

The completed assessment included comprehensive architectural, electric, mechanical, and structural system review of two pumping stations and the four ground level reservoirs. Inspection of the elevated tank was omitted from the scope since the tank had recently been painted.

In addition to general condition assessments, the comprehensive review included specialty testing and analyses of the electrical components, ground level reinforced reservoirs, and booster pumps as noted below:

- Booster pumping equipment inspections included pump testing and vibration analyses of the operating equipment at the CJ O'Connor Pumping Station.
- Electrical assessments included infrared thermography inspections of all electrical connections and appurtenances, along with generator load-bank testing.
- Reinforced concrete ground level reservoir inspections included a physical inspection of the exterior of the tanks, including foundations, walls, roof, overflows, and vents; robotic ROV inspection of the interior below water surfaces; and a raft inspection of the above water sidewalls and ceiling.

VILLAGE OF PLAINFIELD, IL

Naperville Road Water Main Extension

Baxter & Woodman provided planning, design, and construction services for the installation of approximately 16,000 feet of 24-inch water main from the Village's main pumping station south to downtown Plainfield. The new transmission main parallels an existing 12-inch distribution main along Plainfield-Naperville Road from 127th Street to Illinois Route 59. The project included approximately 400 feet of steel casing pipe to be bored and jacked or rammed into place, various interconnects to the existing distribution main, and a crossing of the EJ&E Railroad. Permits were required by Plainfield Township, IDOT, EJ&E, IEPA, and Will County Highway Department.

HIGHLIGHTS

COMPLETION: 2013

CONSTRUCTION COST: $3.1M

TEAM MEMBERS: Sean O'Dell and Steve Verseman

CLIENT CONTACT: Allen Persons, Director of Public Works
(815) 436-3577
apersons@goplainfield.com

Before design, we completed a detailed alternative analysis and preliminary design report for the project. Our team worked with Village staff over a number of meetings to determine the most cost-effective route that would keep homeowner disruption to a minimum. During preliminary design, we submitted an application for an IEPA low-interest loan. The Village was able to get 25% loan forgiveness (a savings of $600,000) for this project due to fast-tracked design during the ARRA call for projects in 2009.

VILLAGE OF BEDFORD PARK, IL

Central Avenue Pumping Station

The Village of Bedford Park owns and operates four drinking water pumping stations that receive Lake Michigan water from the City of Chicago. The Central Avenue Pumping Station was constructed in 1959 with a 3.0 MG reservoir. This station serves as a back-up to the system's primary pumping station.

HIGHLIGHTS

COMPLETION: 2018

CONSTRUCTION COST: $6.4M

TEAM MEMBERS: Sean O'Dell and Dennis Dabros

CLIENT CONTACT: Chris Lesniak, Water Department Superintendent
(708) 458-2067
chris@villageofbedfordpark.com

The project consisted of the design and construction engineering of a new pumping station, rehabilitating the reservoir, replacing a meter vault, site piping, and demolishing the existing pumping station. The pumping station was designed with a maximum capacity of 40 MGD and firm capacity of 32.5 MGD.

There are six vertical split-case pumps (four 7.5 MGD, two 5.0 MGD) running on variable frequency drives.

The pumping station is located adjacent to proposed hotel and conference developments. The architecture of the new pumping station was designed to blend with the existing reservoir and the proposed adjacent high-scale developments.

MUNICIPALITY	PROJECTS WITHIN THE LAST 10 YEARS
Beecher	Water Supply Well No. 5 Construction
Bloomington	St. Peter Water Supply Wells
Carol Stream	Water Supply Well No. 2 Pump Re-Permitting
Carpentersville	Well No. 8 Investigation and Construction
Carpentersville	Well No. 8 Trans. Main, Well House, and Well Pump
Cary	Well Nos. 8, 9, and 12 Rehabilitation
Cary	Water Supply Well No. 13 Pumping Equip.
Cary	Well No. 6 and 11 Rehabilitation
Cary	Well Nos. 3 and 10 Rehabilitation
Cary	Well No. 8 Rehabilitation
Cary	Well No. 11 Rehabilitation
Cary	Well No. 9 Rehabilitation
Cary	Well Nos. 4 and 9 Rehabilitation
Cary	Well No. 12 Rehabilitation / Well 5 Abandonment
Cary	Well No. 13 Rehabiliation
Cherry Valley	Water Supply Well No. 6 Construction
Crest Hill	Water Supply Well No. 1 Rehabilitation
Crest Hill	Water Supply Well No. 12
Crest Hill	Water Supply Well No. 12 Pumping Equipment
Crest Hill	Water Supply Well No. 1 Pumping Equipment
Fox River Grove	Water Supply Well No. 4
Fox River Grove	Water Supply Well No. 5
FWRD	Well Nos. 3 and 4 (in WTP specification)
FWRD	Test Hole Drilling (no specs or bidding)
Gilberts	Water Supply Well Nos. 5 and 6 Construction
Grayslake	Water Supply Well Nos. 1 and 3 Abandonment
Huntley	Water Supply Well No. 11
Huntley	Water Supply Well No. 11 Pumping Equipment
Island Lake	Walnut Glen Test Well
Island Lake	Water Supply Well No. 9 Rehabilitation
Lake in the Hills	Shallow Water Supply Well No. 17 Exploration
Lake in the Hills	Water Supply Well No. 17
Lake in the Hills	Water Supply Well No. 17 Pumping Equipment
Lakewood	Water Supply Well No. 4
Lakewood	Water Supply Well No. 4 Pumping Equipment
Lakewood	Water Supply Well No. 6 Drilling and Pumping Equipment
Maple Park	Water Supply Well No. 6 and Pumping Equipment
Marengo	Water Supply Test Well Drilling
Marengo	Water Supply Well No. 8
Marengo	Water Supply Well No. 8 Pumping Equipment
McHenry	2003 Test Well Drilling Program
McHenry	Water Supply Well No. 12 Drilling, Pumping Equipment
McHenry	Water Supply Well No. 13 Construction
McHenry	Water Supply Well Nos. 2 and 3 Rehabilitation
Mission Brook SD	Water Supply Well Nos. 1 and 4 Abandonment
Palatine	Water Supply Well No. 16 Abandonment
Park Forest	Water Treatment Plant Improvements
Plainfield	Water Supply Well No. 5 Rehabilitation
Rochelle	Water Supply Well No. 11
Rochelle	Water Supply Well No. 11 Pumping Equipment
Rochelle	Water Supply Well No. 5 Abandonment
Round Lake	Well No. 3 Rehabiliation
Shorewood	Water Supply Well No. 8 Construction
South Elgin	Well Nos. 11 and 12 Investigation and Construction
South Elgin	Well No. 12 Pumping Equipment
Streamwood	Well No. 3 Rehabilitation
Woodstock	2007 Test Well Drilling

DEEP WELL EXPERIENCE:

Baxter & Woodman, ***Eric Murauskas specifically, has managed, designed, and observed construction for over 100 drinking supply well improvement projects in 37 Illinois and Wisconsin communities.*** Shown at the left is a list of Illinois well projects from the last 10 years followed by additional relevant project examples from within the last five years.







CITY OF BLOOMINGTON, IL

St. Peter Aquifer Water Supply Wells

Baxter & Woodman, Inc. provided the study, analysis, and design to address the water supply challenges of the City.

HIGHLIGHTS

COMPLETION: 2019

TEAM MEMBER: Eric Murauskas

CLIENT CONTACT: Timothy Gleason, City Manager
(309) 434-2240
tgleason@cityblm.org

The City of Bloomington faced several water supply challenges:

- **Vulnerability to Drought** - Surface water supplies like Bloomington's are vulnerable to drought. The large surface area loses water through evaporation, and at the same time, contaminants are more highly concentrated in the remaining water.
- **Decreased Water Quality/Nitrates** - The Evergreen Lake and Lake Bloomington watersheds are primarily agricultural areas, and the water supply is high in nitrates, particularly due to fertilizers and decomposition of plants and animal wastes in runoff from the surrounding areas. Nitrate concentrations in Lake Bloomington are frequently above the Maximum Contaminant Level (MCL) of 10 mg/L as regulated by the United States Environmental Protection Agency (USEPA).
- **Increasing Water Demand** - The population of Bloomington and surrounding areas is increasing, and with it, the average and maximum daily water demands. Currently, 80,000 customers in Bloomington, Towanda, Hudson, and Bloomington Township rely on water from Lake Bloomington and Evergreen Lake.
- **Decreased Storage Capacity** - Silt from erosion and runoff is gradually filling in the lakes decreasing the storage capacity. The City has done some bank stabilization on Evergreen Lake and the Mackinaw River tributaries to reduce sediment loading. However, siltation still continues, and as silt takes up more volume in the lakes, it will continue to reduce the lakes' storage capacities.

Study

The purpose of the study is to justify deep wells as an effective solution to increase reliability of the City's water supply and improve water quality, to show that deep well pumping will not impact shallow wells, and to address public concerns about impacts of the project.

Solution

The project consists of design and construction services to drill, develop, and test two St. Peter sandstone aquifer water supply wells for the City. Each well was constructed to a depth of approximately 2,100 feet. The wells will be used as a blending source with the City's surface water supply to improve overall water quality as well as provide additional water supply capacity. The work was followed closely by the Illinois State Water Survey as a research project since there are very few deep sandstone aquifer wells in that region of Illinois. This project was completed in 2019.

VILLAGE OF WESTERN SPRINGS, IL

Water Supply Well No. 5

The project consisted of design and construction services to drill, develop, and test a new Galesville sandstone aquifer water supply well for the Village. The new well was necessary to provide adequate water supply capacity to meet current and future needs. The project also included a well interference analysis between the Village's existing Well Nos. 3 and 4 along with proposed Well No. 5. This was accomplished by test pumping each well while monitoring water levels in the other. The results showed that only minimal interference will be observed when all three wells are pumped simultaneously. This project was completed in January 2019.

HIGHLIGHTS

COMPLETION: 2019

TEAM MEMBER: Eric Murauskas

CLIENT CONTACT: Matt Supert, Director of Municipal Services
(708) 246-1800 x205
msupert@wsprings.com

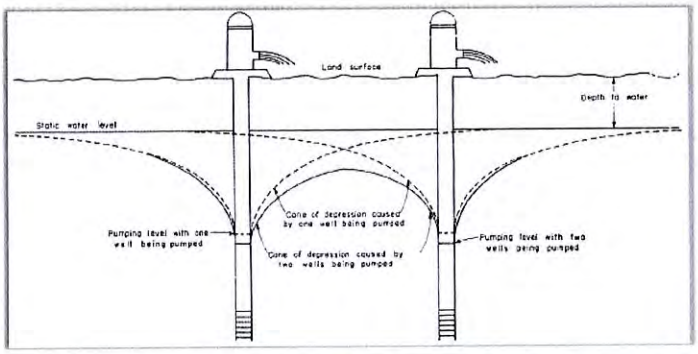
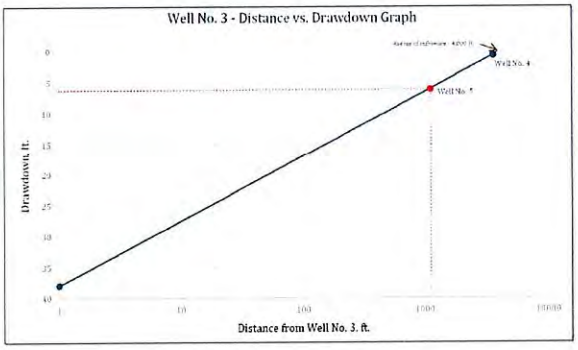


Figure 4 - Diagrammatic section of two closely spaced pumping wells showing mutual interference between wells and the resulting cones of depression. Source: Kansas Geological Survey Bulletin 176.



Joliet Alternative Water Source Study

IMAGES INC

Client
City of Joliet, Illinois

Date
August 2018 - January 2020

Type
Planning Study

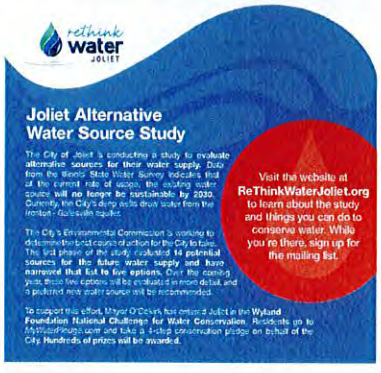
The City of Joliet has completed a study to evaluate alternative water sources for its future water supply. It is projected the current water source will run out of water by 2030, so it is critical the City take immediate action. Due to the urgency and significant impact to residents, Images, Inc. branded this initiative, Rethink Water Joliet. This name along with a logo will identify this project through construction completion and beyond.

In phase one of the study, the City looked at all possible sources of water to supply the future needs of the City and potentially the region. This resulted in five alternatives moving into phase two for further analysis. The project team worked closely with City staff, an Environmental Commission and the City Council throughout this study. This resulted in the City Council selecting Lake Michigan water as their future water source.

To ensure the residents, property owners and businesses were aware of this process, Images, Inc. developed a comprehensive outreach plan. This included development and maintenance of a project specific website, monthly social media posts, maintenance of a stakeholder list, eblast notifications, design of billboards, creation of newsletters, post cards, flyers and posters, creation, implementation and analysis of a water knowledge survey, media outreach though interviews, articles and press releases and a public meeting. Several presentations were created for staff use when speaking at community meetings, chamber events, and conferences. The message was taken to the public through participation at numerous local events and festivals and giveaways were branded to further build awareness. Many items were also produced in Spanish.

rethink water JOLIET









Illinois High-Speed Rail (Chicago – St. Louis)

IMAGES INC
public involvement • strategic communications • planning

Client
Illinois Department of Transportation

Date
July 2010

Duration
Ongoing

Location
Springfield, Illinois

Type
PMO - Phase I, II, and III

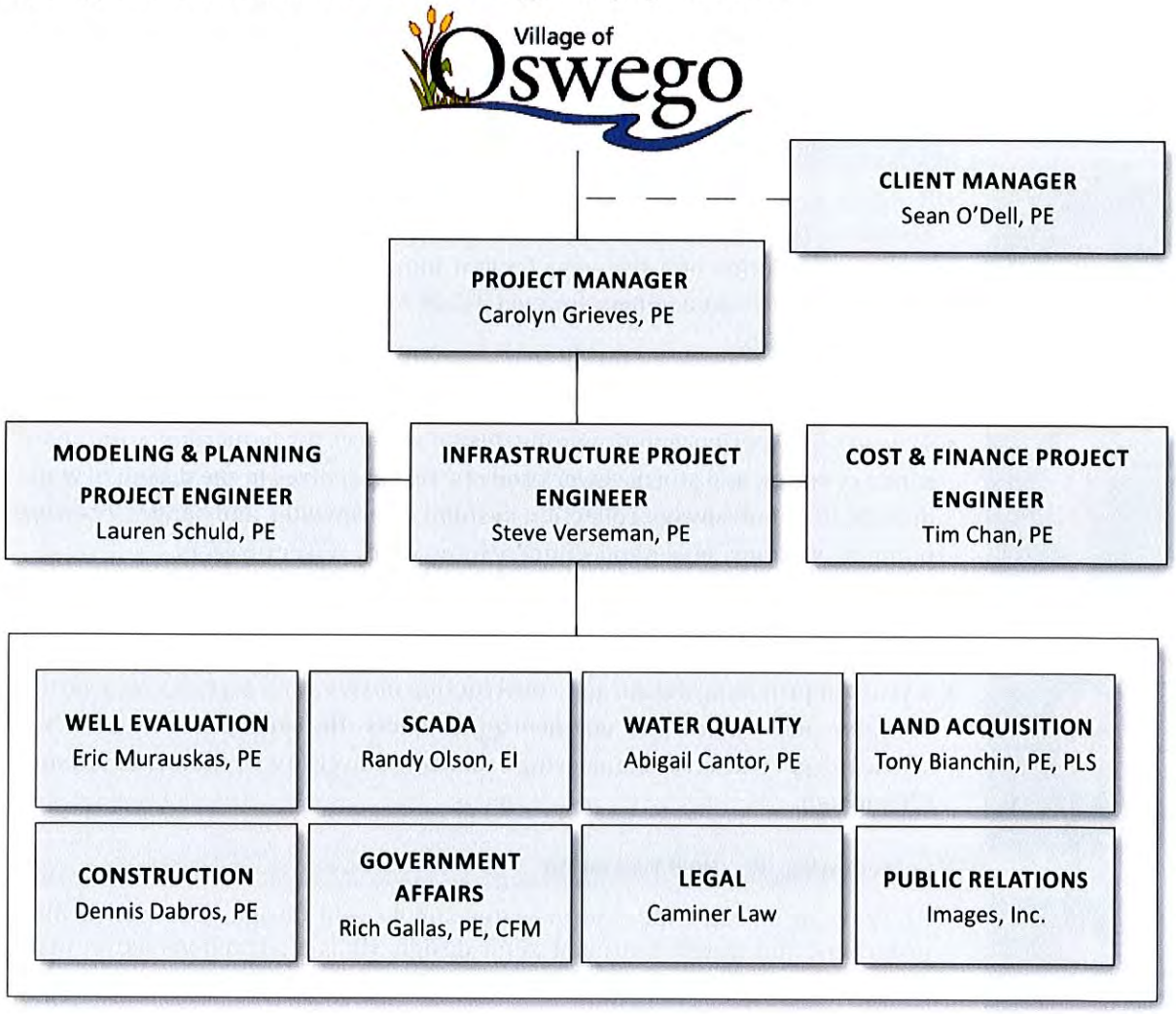
Images, Inc. has led the High-Speed Rail branding and awareness campaign since its inception in 2010, putting forth a new image to fit the modern age of rail travel. Through our research, we identified that safety was a key concern for the public. Our campaign successfully raised awareness about the safety and efficiency of High-Speed Rail. Most of our constituents—even those directly along the route—had no idea that most of the upgrades were safety improvements, including enhanced crossings with pedestrian and four-quadrant gates and an improved signal system. Once we developed and implemented a creative and effective brand and campaign, the stakeholders began to have a better understanding of the goals of the program and more realistic expectations of timeframes and end results as well as enthusiasm for the entire project. We developed and held training workshops for Amtrak employees to improve service at all levels. In addition, we participate in hundreds of community outreach events promoting High-Speed Rail, manage social media marketing, developed curriculum on rail safety for to school kids k-12, rail-car branding, station upgrades, comment management, as well as extensive community and business outreach.



PROJECT TEAM

Project success relies on our ability to collaborate with your staff and address your project goals. An organizational chart of the key project team and resumes of their relevant qualifications have been included for your review. The Village will be served by a full-service project team, with the support of Images, Inc. to provide public relations, Caminer Law to provide legal, and Abigail Cantor to provide water chemistry.

Key staff resumes have been included in the Appendix for your review.



Carolyn Grieves, PE - Project Manager



- 24 years of experience in designing water supply, treatment, and distribution systems. She has helped many local communities evaluate Lake Michigan water suppliers, including Western Springs. She has managed large water system models and master plans for over 20 local communities.

Sean O'Dell, PE- Client Manager



- 18 years of experience in providing an efficient evaluation of both water supply alternatives and accurate projection of capital cost. He has helped many local communities evaluate Lake Michigan water suppliers, including Plainfield, Shorewood, and Oak Forest. He has managed large water main design projects for over 25 local communities.

Lauren Schuld, PE - Modeling & Planning Project Engineer



- 8 years of experience with assisting with water system evaluations for Elmhurst, Deerfield, Hillcrest, and South Elgin. She served as Project Engineer for the completion of a five-year Capital Improvement Plan for Joliet. Lauren was the lead design engineer for over $21M worth of water main in the City of Joliet since 2016.

Steve Verseman, PE - Infrastructure Project Engineer



- 42 years of experience in providing design services for numerous water main, sanitary sewer, and storm sewer projects. He specializes in the design of water distribution and sewage collection systems, stormwater and sanitary sewage pumping stations, sewer and sanitary interceptor sewer projects.

Tim Chan, PE - Cost & Finance Project Engineer



- 6 years of providing design and construction observation services on a variety of water and wastewater engineering projects. He earned his bachelor's of science degree in civil engineering from the University of Illinois at Urbana-Champaign.

Eric Murauskas, PE - Well Evaluation



- 31 years of strong expertise in water supply well design, test well drilling programs, and water treatment plant design. He is also well-versed in many other areas, including municipal services, stormwater drainage studies, sewer system design, sanitary sewer evaluation studies, sanitary sewer flow monitoring, and sanitary sewer rehabilitation.

SCADA - Randy Olson, EI



- 6 years of experience working in the water/wastewater and manufacturing industries as an electrical engineer. He specializes in proactive continuous improvement initiatives and electrical troubleshooting of automated equipment. Randy successfully integrated power supplies and surge suppression in each of the Village of Oswego's existing SCADA Well Panels.

Tony Bianchin, PE, PLS - Land Acquisition



- 27 years of design and land surveying experience. His expertise includes the design of water main, roadway reconstruction, roadway realignment, storm sewer, and sanitary sewer projects. He is proficient in the preparation of right-of-way acquisition, plat, and legal description documents.

Dennis Dabros, PE - Construction



- 20 years of experience providing design and construction engineering and inspection services for many of our water and wastewater projects. He has worked on projects that include improvements to water main, storm sewer, and sanitary sewer systems, pumping stations, treatment facilities, roadways, and bridges.

Rich Gallas, PE, CFM - Government Affairs



- 25 years of public works and municipal utility leadership, most recently serving five years as the Village of South Elgin's Engineering and Public Works Director. He is a professional engineer with both private and public sector experience.

SUBCONSULTANTS:

IMAGES, INC. - Public Relations

IMAGES INC

- Award-winning strategic communications firm specializing in public involvement, project management, marketing, and planning.
- Full-service firm that provides leadership and strategy as well as implementation.
- Works in a variety of industries, with both public and private sector clients.

CAMINER LAW - Legal

Caminer Law, LLC

- Irene Caminer brings her government experience to her practice by counseling, advising, and assisting clients on a variety of matters including drafting, editing, reviewing, and negotiating agreements.
- In addition, she assists her clients with navigating government on real estate and water matters, certifications, licenses, and permits.

ABIGAIL CANTOR, PE - Water Quality

Process Research Solutions, LLC
Chemical Engineering/ Software Development

- Chemical engineer specializing in water quality investigations and proactive prevention of water quality issues.
- Her skills have been applied to drinking water in municipal water systems, commercial buildings, school buildings, and private residences.
- 40 years of experience designing treatment processes for water and wastewater.

INNOVATIVE IDEAS

DRONE SERVICES

Technological advances, increased ease of use, lower costs, and improved overall functionality have turned unmanned aerial vehicles (UAVs or drones) into valuable tools.



Drones Are Ideal For...

- Site-Specific Aerial Mapping
- Environmental Data Collection
- High-Resolution Images and Video
- 3D Data Collection
- Thermal Imagery
- Utility Corridor Survey
- Traffic Analysis
- Hard-to-Access Areas, such as:
  - Bridge Inspection
  - Water Tower Inspection
  - Facilities (Roof) Inspection
  - Confined Space Assessment


Aerial image of WWTP prior to new gas line installation

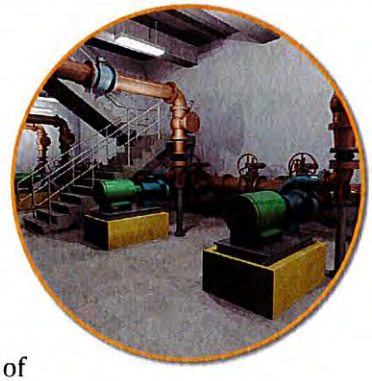
Advantages of Using a Drone

- Collect data quickly and cost efficiently
- Capture aerial imagery
- Monitor project progress
- Proactively identify potential issues such as algae blooms, invasive species, etc.
- Mitigate safety risks and reduce workers' exposure in high-risk environments


Bridge inspection


Construction observation for bridge reconstruction

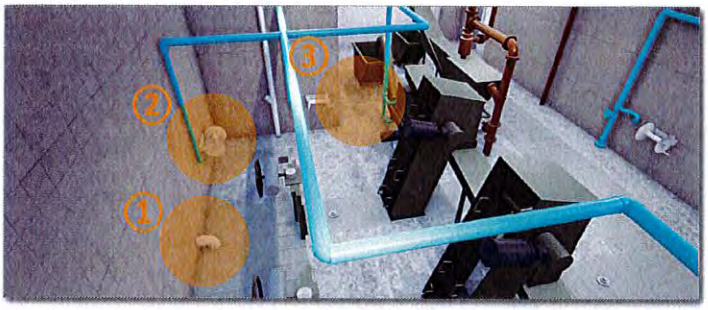
3D VISUALIZATION & VIRTUAL REALITY



Proposed Design in Real Life!

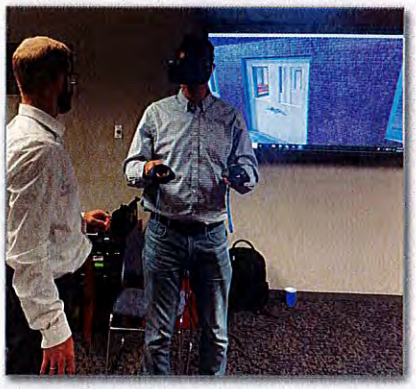
Baxter & Woodman uses state-of-the-art software to turn designs into interactive 3D visual reality models. This allows your staff to review life-like project renderings during the design process. These representations can help you to make meaningful decisions or changes before the project starts construction. The attention to detail can also save you money by allowing for easy identification of conflicts and elimination of potential change orders. The examples below are of renderings from a recent Wastewater Treatment Plant Expansion project.

Headworks Building



After viewing the 3D visual model, the client decided to move the Odor Control Unit (1) and leave out the Non-Potable Water (NPW) hose bib (2). The client was initially concerned that there was not enough space surrounding the area adjacent to the Screenings Washer/Compactor (3), but concluded it was fine after reviewing the 3D visual model.

Virtual Reality



Baxter & Woodman uses virtual reality with 3D renderings to help our clients "walk through" the proposed improvements.

Non-Potable Water Building



Safety issues were evident after reviewing this 3D visual model. The client decided that overflow for the NPW Break Tank (1) was an overhead hazard and that the Hydropneumatic Tank (2) should be moved to another structure to provide enough walking space.

Sludge Thickener Building



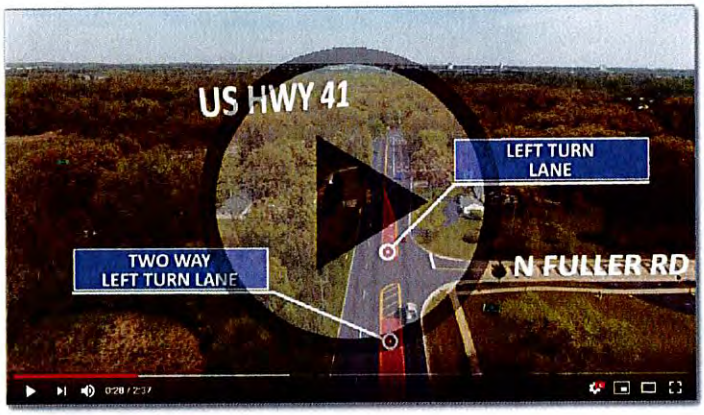
After reviewing the 3D model, the client determined adding a door (1) would provide ease of access to the Secondary Clarifiers and Return Activated Sludge/Waste Activated Sludge Pump Station.

3D RENDERINGS & VIDEO VISUALIZATION

Bring Your Projects to Life!

Baxter & Woodman has in-house visualization staff capable of developing 3D renderings and video visualization of proposed improvements. These pictures and videos serve as a useful tool for public outreach meetings, and for our clients and stakeholders to visualize abstract and concrete alternatives - bringing the project to life!

Our visualization portfolio includes interactive videos showcasing site concerns and project alternatives overlaid on top of our drone footage captured by Baxter & Woodman's certified drone pilots.



Baxter & Woodman created public outreach videos for Lake County Division of Transportation and received the following reaction from County Engineer Shane Schneider, PE: *"This...is...awesome."*

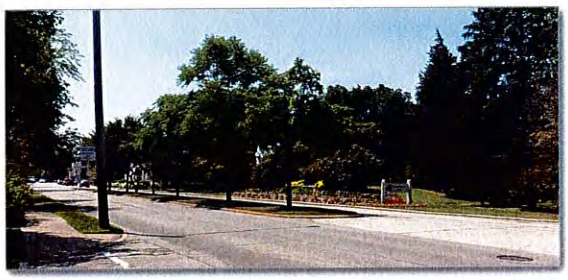
Watch our visualization video of Lake County Division of Transportation Stearns School at US Highway 41 project by visiting baxterwoodman.com/LCDOTProposed.



Existing Conditions - US Route 20 over I-90



Proposal Alternative - MSE Wall Abutment



Existing Conditions - Crawford Avenue at Lyons Street, Joliet, IL



Proposal Alternative - Pedestrian Crosswalk Accommodations

CONFLICT OF INTEREST STATEMENT

Baxter & Woodman, Inc. does not have any relationships or potential conflicts of interest in regards to the Village of Oswego's Alternate Water Supply project. In the last five years, Baxter & Woodman and its subsidiary, Concentric Integration, has provided the following services to:

- City of Chicago Water Management - SCADA System Maintenance
- City of Joliet - Water System Engineering (Annual Water Main and Meter Replacement)

Additionally, Baxter & Woodman, Inc. does not have any contractual relationships within the past five (5) years with entities that responded to the Village's Request for Information issued during the Phase I and II study as water supply alternatives.

Baxter & Woodman, Inc. will provide the Village of Oswego written notice of any professional relationships that may pose a potential conflict of interest.

Regarding the Village of Oswego's Alternative Water Source Evaluation Request for Qualifications, Images, Inc. offers the following information: While we see no direct conflict of interest on this project, Images, Inc. has completed prior work with the City of Chicago (not related to a water source project) and is currently working on the City of Joliet's Alternative Water Source Program.

APPENDIX A: RESUMES

BAXTER & WOODMAN Consulting Engineers

Carolyn A. Grieves, PE

Project Manager

Education

M.S., Environmental Engineering
University of Iowa, 1996

B.S., Civil Engineering
University of Illinois at Champaign-Urbana, 1994

Joined Firm in 1996

Years of Experience: 24

Registrations

Licensed Professional Engineer: Illinois

Honors & Awards

2017 Kenneth J. Miller Water For People Founders' Award

2017 Water Professional of the Year, Illinois Section of the American Water Works Association

Professional Associations

American Water Works Association – Illinois Section, Chair, Board of Directors

American Water Works Association – Illinois Section, Chair, Safety and Security Committee

American Water Works Association - Member of the AWWA Safety and Emergency Management Committee, Water Efficiency Committee, and Water for People Committee

Water Environment Federation

Carolyn specializes in the design of water supply, treatment, and distribution systems, and wastewater conveyance and treatment. She serves as project manager on numerous large, complex new water treatment plants and improvements/modifications to existing facilities. She has also studied and designed water distribution systems, as well as wastewater conveyance and treatment.

Representative Projects

Western Springs, IL
Project Manager, Lake Michigan Water Feasibility Study.

Elmhurst, IL
Water System Evaluation
Project Manager for development of a GIS Integrated water model to identify and prioritize cost effective improvements to the Village's water system. The purpose of this report was to develop a systematic approach for making both short and long term capital improvements to improve system performance and reliability.

Joliet, IL
Water Model and Master Plan
Project Manager for developing a WaterGEMS hydraulic water model in order to identify and prioritize future water system projects. The City experiences 250 main breaks a year and one of the primary goals of the water model project is to establish a long-term infrastructure replacement plan.

South Elgin, IL
Water System Model
Project Manager for development of a WaterGEMS water model in order to help the Village analyze future developments and water system needs. The Village's Geographic Information System (GIS) was reviewed and updated as part of the project.

Deerfield, IL
Water System Master Plan
Project Manager for the study, review, and analysis of the Village's water system with the goal of developing an efficient, economical water system plan for operations, facilities, and the distribution system. The report outlined a systematic approach for making both short and long term capital and operational efficiency improvements to help with water loss, and decrease the number of main breaks the Village experiences every year. A new WaterGEMS® hydraulic model of the Village's water distribution system was developed and utilized to assist with verification of system pressures, fire flow capabilities, and development of water main improvements.

Buffalo Grove, IL
Water System Model and Master Plan
Project Manager for the evaluation of the system's available capacity and lifespan of the each of the existing facilities.

American Council of Engineering Companies – Environmental Committee

Continuing Education

Hazardous Site Worker Course

"Security Planning for Drinking Water Systems: An Operational Approach", AWWA

"Vulnerability Assessment Reporting (VSAT™)", AWWA

"Bioterrorism Preparedness Bill: Protecting Your Assessment", AWWA

"The Bioterrorism Preparedness Bill: What's Next?", AWWA

"Counter Terrorism and Security in the Water Industry", AWWA

"Water Security and Emergency Operations", AWWA

"Utility Risk and Resilience", AWWA

Carpentersville, IL
Water System Model
Project Manager for the development and update of a WaterCAD model used to analyze new subdivisions, propose existing system improvements, and evaluate the impact emergency water main shutdowns on the system.

Crystal Lake, IL
Water System Master Plan Update
Project Advisor for the water system master plan update for the City to determine the improvements necessary to provide service for the projected growth occurring over the next 20 years, and to meet current regulatory requirements that impact the water treatment plant processes. The Master Plan also focuses on chemical, energy, capital, and operational efficiency.

DeKalb, IL
Water System Master Plan Update
Project Manager for the creation of a water system master plan update for the City to determine the improvements necessary to provide service for the projected growth occurring over the next 20 years.

Elmhurst, IL
Water Model Update
Project Advisor for calibration of water model and update in WaterCAD. Also included review of existing DBRP sampling sites and selection of new sites.

Glenview, IL
Water System Strategic Planning
Project Manager for the development of a systematic approach for making capital improvements and operational modifications intended to meet the Village's water supply needs and optimize operations. The Village's primary concerns included meeting or exceeding water quality standards, ensuring reliable supply and service to its residents, businesses and potential new bulk customers, maintaining adequate pressures and fire flows, and improving the system efficiency and cost effectiveness.

Itasca, IL
Water System Model
Project Manager for the creation of a water system model and report for the Village, which included hydrant testing, creating the model from GIS plans and the Village assistance, and model calibration.

Lake in the Hills, IL
Water System Study and Update
Project Manager for the evaluation of the existing water system model and determination of recommended improvements.

Palatine, IL
Water System Model and Study
Project Advisor for a distribution system review to develop a water model for the Village.

BAXTER & WOODMAN Consulting Engineers

Sean E. O'Dell, PE

Client Manager

Education

B.S. Civil Engineering,
Bradley University, 2002

Joined Firm in 2002

Years of Experience: 18

Registrations

Licensed Professional Engineer:
Illinois

Honors & Awards

2015 APWA National
Young Leader Award

2014 Young Leader Award,
APWA Chicago Metro Chapter

Associations

2017 President of Chicago
APWA Metro Chapter

2015 Vice President of Chicago
APWA Metro Chapter

2014 Treasurer of Chicago
APWA Metro Chapter

2013 President, APWA
Southwest Branch of Chicago
Metro Chapter

Illinois Public Service Institute
Advisory Committee Member &
2013 Graduate

Illinois Section of AWWA
(YP Committee)

IWEA, WEF

Sean's focus and expertise is in the planning, design, and rehabilitation of water and wastewater infrastructure. He works closely with municipalities and sanitary districts on planning infrastructure to serve growth and redevelopment areas. Sean's experience with a variety of water, wastewater, stormwater management, and transportation projects has made him proficient in master planning, design, watershed modeling, survey, and GPS. Sean leads the firm's Global Water Group and is also a member of our Trenchless Technology Committee, which meets regularly to discuss and evaluated the industry's newest trenchless construction methods and materials. He is certified in evaluating sewer structural conditions through the PACP (Pipeline Assessment and Certification Program).

Representative Projects

Plainfield, IL
Lake Michigan Water Transmission Main - Design/Build
Project Engineer for the design and construction of approximately 12,500 lineal feet of 20-inch water main and 1,050 lineal feet of 18-inch sewer. This transmission main allowed the Village to convert from a deep well system to a Lake Michigan Water supply. The improvements were constructed along 127th Street from Illinois Route 59 east to Essington Road, where the Village connected to a 20-inch water main on the northeast corner of 127th Street and Essington Road in the Village of Bolingbrook. The project required obtaining easements along the north and south sides of 127th Street to accommodate the sewer and water main. The water main and sewer were installed in jacked casings across Illinois Route 59. The project also required permitting with the IDNR and the Army Corps of Engineers to install the water main by open cut across the DuPage River.

Project Engineer for design and construction for trunk sewer improvements completed in conjunction with a water transmission main project. The project included open cut installation and jacking in a steel casing under Illinois Route 59. The 18-inch trunk sewer was approximately 1,050 feet in length. This project was planned in the Sanitary Sewer Master Plan that was created by Baxter & Woodman.

Joliet, IL
Five-Year Water Main Improvement Program
Project Manager for development of a five-year capital improvement program funded by an IEPA low-interest loan. Projects were prioritized by analyzing water main breaks and criticality, existing fire flows, and number of customers. Twenty-three projects were selected for the five-year program with a total estimated cost of nearly $37 million. Baxter & Woodman prepared a project planning report and obtained IEPA approval for the 23 projects. The scope of services also included a review of the City's existing GIS system and a memo summarizing recommended improvements to the City database.

Plainfield, IL
Plainfield-Naperville Road Water Transmission Main
Project Manager for the installation of approximately 16,000 feet of 24-inch water main from the Village's main pumping station south to Downtown Plainfield. The project included approximately 400 feet of steel casing pipe to be bored and jacked

Papers/Presentations

Water Main Rehabilitation:

- AWWA National Distribution Conf, September 2013 (Itasca, IL)
- SPWDA, August 2013 (Flossmoor, IL)
- B&W Client Seminar, March 2013 (Itasca, IL)
- MSTT, April 2012 (Joliet, IL)
- ISAWWA Webinars - January 2012, August 2011 (web only)
- NASTT, No-Dig Show, March 2012 (Nashville, TN) (co-writer)
- IIT Graduate Seminar, November 2011 (Chicago IL)
- ISAWWA Watercon, March 2011 (Springfield, IL)
- APWA, Chicago Metro Expo, May 2010 (Schaumburg, IL)

Inflow and Infiltration Removal – Public and Private Property:

- APWA, Southwest Branch Seminar, April 2012 (New Lenox, IL)

Lake Michigan Water Conversion and Pumping Station Design:

- ISAWWA Annual Conference, March 2008 (Springfield, IL)
- APWA, Southwest Branch Awards, January 2008 (Joliet, IL)

Project Awards

Village of Plainfield, IL – Lake Michigan Water Conversion

- APWA, Southwest Branch Awards, January 2008 (Joliet, IL)

or rammed into place, various interconnects to the existing distribution main, and a crossing of the EJ&E Railroad. Permits were required by Plainfield Township, IDOT, EJ&E, IEPA, and Will County Highway.

Water Main Lining Experience:
Sean O'Dell is at the forefront of infrastructure rehabilitation techniques that are efficient and cost-effective for local communities to implement, including water main lining. Sean is a known expert in this new technique and has assisted many communities with training, feasibility reviews, design and construction engineering, as well as QA/QC review of municipal designs. He has completed water main lining design engineering for the following communities:

Oak Park, IL	Crest Hill, IL	Buffalo Grove, IL	Glen Ellyn, IL
Park Forest, IL	Grayslake, IL	La Grange, IL	Lincolnshire, IL
Lisle, IL	Glenview, IL	River Forest, IL	Highwood, IL

Aqua Illinois
Trenchless Technology Rehabilitation Feasibility Study
Project Manager - Aqua Illinois owns and maintains the City of Kankakee's water system. Baxter & Woodman evaluated numerous technologies for the rehabilitation or replacement including cured-in-place pipe (CIPP) and pipe bursting. Detailed evaluation revealed that rehabilitation by CIPP was both feasible and cost effective. In addition, all work would need to be completed prior to IDOT's resurfacing of Court Street, scheduled for the Fall of 2011. The abbreviated schedule associated with CIPP would benefit Aqua.

Downers Grove, IL
55th Street Water Main Lining
Quality Assurance/Quality Control (QA/QC) review services for the Village, designed plans and specifications to rehabilitate the water main on 55th Street from Fairview Avenue to Blodgett Avenue using cured-in-place-pipe (CIPP) lining.

Oak Park, IL
I-290 Water Main Slip-lining
Project Manager for this award-winning, fast-tracked water main rehabilitation using trenchless slip-lining under I-290 expressway. A two-week improvement completion facilitated the advancing progress of the I-290 2010 road resurfacing project.

Glen Ellyn, IL
Oak/Euclid/Forest Roadway and Prairie Western Alley Improvements
Infrastructure Engineer for water main lining (CIPP) of 2,200 feet of 6-inch cast iron pipe. The project included temporary water service for 22 homes and coordination with the General Roadway contractor.

Lisle, IL
Ogden, Warrenville, and Yackley Water Main Lining
Project Manager for a three-phase water main rehabilitation project for the Village over a two-year period. The project included Class IV, fully-structural, cured-in-place-pipe (CIPP) for three key water mains for the Village. Over 4,000 feet of water main was lined and 200 feet was horizontal directional drilled (HDD). The project also included communicating with residents, coordinating with the Village's and County's Street Program schedules, construction staging, and restoration activities.

BAXTER & WOODMAN Consulting Engineers

Lauren M. Schuld, PE
Modeling & Planning Project Engineer

Education

B.S., Civil Engineering
Bradley University 2012

Joined Firm in 2012

Years of Experience: 8

Certifications

Licensed Professional Engineer: Illinois

Lauren earned her Bachelor of Science degree in Civil Engineering from Bradley University of Illinois. Her coursework included sustainability and public policy, introduction to environmental engineering, sustainable transportation systems, groundwater hydrology, geotechnical engineering, design of steel structures, and sustainability and environmental regulations. Since joining Baxter & Woodman, Lauren has demonstrated her proficiency by providing design and construction observation services on a variety of water and wastewater engineering projects.

Representative Projects

Joliet, IL
Water Model and Master Plan
Project Engineer developing a WaterGEMS hydraulic water model in order to identify and prioritize future water system projects. The City experiences 250 main breaks a year and one of the primary goals of the water model project is to establish a long-term infrastructure replacement plan.

Joliet, IL
Water Main Improvement Program
Project Engineer for the City's Year 1 water main replacements, which included replacement of 22,000 feet of water main throughout the City. Project included open cut, directional drilling, and water main lining.

Deerfield, IL
Water System Master Plan
Project Engineer for the study, review, and analysis of the Village's water system with the goal of developing an efficient, economical water system plan for operations, facilities, and the distribution system.

Elmhurst, IL
Water System Evaluation
Project Engineer for development of a GIS Integrated water model to identify and prioritize cost effective improvements to the Village's water system. The purpose of this report was to develop a systematic approach for making both short and long term capital improvements to improve system performance and reliability.

South Elgin, IL
Water System Model
Project Engineer for development of a WaterGEMS water model in order to help the Village analyze future developments and water system needs. The Village's Geographic Information System (GIS) was reviewed and updated.

Rolling Meadows, IL
Water Model and Master Plan Update
Project Engineer for rebuilding and updating the City's WaterGEMS model so the new model coordinated with the City's GIS. The updated model is used to help develop recommended water system improvements plans to address immediate and long term water system needs.

Hillcrest, IL
Water Model and Master Plan
Project Manager for development of a GIS-integrated water model to identify and prioritize cost effective improvements to the Village's water system. The purpose of this report was to develop a systematic approach for making both short and long term capital improvements to improve system performance and reliability.

Clarendon Hills, IL
Water Main Replacement
Project Engineer for replacing all water mains in the Stonegate Subdivision in the north part of the Village. The Village had experienced an increasing number of water main breaks over the last four years, the majority of which were attributed to corrosion. Project was designed in 60 days with all permits received in 90 days. This project included over 5,000 feet of water main replacement and rehabilitation (CIPP lining) with a tight schedule. The project needed to be designed and constructed before roadway improvements were planned to start 120 days later. The project included water main lining of a side-yard water main (alternate bid for horizontal drilling) and IDOT permits. Despite being our first design with the Village, the project was completed early and under budget (both engineering and construction).

Wood Dale, IL
Mill Road STP Resurfacing and CDBG Water Main Replacement
Infrastructure Engineer for design of STP-funded road improvements including milling, patching, and resurfacing the road, as well as ADA sidewalk ramp improvements, curb and gutter, and drainage repairs. CDBG-funded water main improvements on Mill Road included replacement and upsizing because of numerous breaks, and provided better pressure in the system on the west side of the City.

Glenview, IL
ComEd Right-of-Way Crossing Water Main Improvements
Project Engineer for the design engineering services for preparing engineering plans, specifications, and estimate of cost; and obtaining IEPA water, ComEd, NW Commission, and Cook County permits for the water main improvements crossing the ComEd right-of-way.

Westmont, IL
Water Main Replacement
Project Engineer for the design engineering services for water main replacement on North Grant Street and North Adams Street. Approximately 4,100 lineal feet of existing 6-inch water main was replaced with new 8-inch water main that included new valves, hydrants, fittings, water services, and complete surface restoration.

Carpentersville, IL
LW Besinger Drive Roadway and Water Main Replacement
Infrastructure Engineer for design of improvements, including roadway reconstruction, placement of curb and gutter, sidewalk, storm sewer, water main, street lighting, and other miscellaneous items.

BAXTER & WOODMAN Consulting Engineers

Steven M. Verseman, PE
Infrastructure Project Engineer

Education

BS, Civil Engineering
Purdue University
West Lafayette, Indiana

Joined Firm in 1977

Years of Experience: 42

Registrations

Licensed Professional Engineer:
Illinois, Indiana,
Wisconsin

Steve is a senior infrastructure engineer who provides design services for numerous sanitary sewer, storm sewer, and water main projects. He specializes in the design of sewage collection and water distribution systems, stormwater and sanitary sewage pumping stations, water booster stations, and large diameter storm sewer and sanitary interceptor sewer projects.

Steve has extensive experience in client and department management, marketing, project management, and project engineering. He has worked closely and effectively with many clients including Mayors and City Councils, Village Presidents and Boards, private companies, engineering and administrative staff, and the public. Project experience includes preliminary studies, stormwater and water system computer modeling, design, permitting, and construction administration and observations of construction.

Representative Projects

Wheaton Sanitary District, IL
Project Engineer and QA/QC reviewer for the design of approximately five miles of 60-, 54-, 48-, 42-, and 24-inch sanitary sewer to replace an existing 36-inch corrugated metal pipe sanitary sewer. The design included crossings of IDOT and DuPage County highways and a heavily traveled freight and commuter UPRR right-of-way; several creek and wetland crossings; pipe installation by open-cut trenching and microtunneling; installation of 84-inch hand-mined steel casing pipe located between two residential houses; custom designed junction chambers, with a 60-inch pipe connection to the existing wastewater treatment plant influent pumping station; and multiple interconnections with existing sanitary sewers. The project included coordination with 17 different permitting or licensing agencies and the acquisition of approximately 40 easements, with design conforming to various easement requirements.

Park Forest, IL
Water Main Improvements
Approximately 900 lineal feet of 12-inch, 6,800 lineal feet of 10-inch, 3,400 lineal feet of 8-inch, 350 lineal feet of 6-inch, and 4-inch water main was installed in open cut trenches and directional drilled within Village streets, easements, and crossing streams and wetlands.

Prospect Heights, IL
Water System Master Plan, Modeling and Report
Project Manager for preparation of a Water System Master Plan for an expansion of the City's existing water system to provide Lake Michigan water to the areas of the City served by private water wells or other Lake Michigan water providers.

Zion, IL
Route 173 Water Main Replacement
Project involved design, construction administration, and observation for the construction of approximately 2,000 linear feet of 12-inch water main along the south side of IL Route 173 from Bethesday Boulevard to Elisha Avenue, and approximately 200 feet of 6-inch water main at various alleys and the Jewel Food Store.

Plainfield, IL
Route 59 Water Main Relocation and Replacement
Project included the replacement of approximately 7,200 lineal feet of 20-inch through 4-inch existing water main and relocation of two 12-inch water mains. Open cut and jacked casings were utilized to avoid proposed storm sewer improvements.

Plainfield, IL
Route 59 Water and Sewer Improvements
Project Manager for this two-part project consisting of one mile of new water main installation, and isolated improvements to the Village's sanitary sewer system as part of the IDOT widening and reconstruction of IL Route 59. Baxter & Woodman used IDOT plans prepared by IDOT's consultants for existing conditions and proposed improvements. The water main was upsized from 8-inch to 10-inch diameter for potential future rezoning of residential properties to commercial along IL Route 59. Baxter & Woodman was also successful with IEPA approvals in eliminating the need for a series of casing pipes adjacent to storm manholes.

Lombard, IL
IL Route 53 Water and Sewer Replacements
Project Manager for the design and preparation of construction documents for the replacement of water main system components and sanitary sewers in the area of Route 53 scheduled for reconstruction by IDOT. IDOT was reconstructing Route 53 from Crescent Avenue on the south to Sidney Avenue on the north, a distance of 1.6 miles. South of the Great Western Trail, the entire water system was replaced, a length of 3,500 lineal feet of 10-inch and 8-inch water main, including valves, services, and fire hydrants. North of the Great Western Trail, only the portions of the water system that conflicted with the IDOT improvements were replaced, mainly consisting of 33 fire hydrants and several vaults. South of the Great Western Trail, the entire sanitary sewer system was rehabilitated with CIPP, along with a several hundred feet of sewer replacement. All the sanitary sewer manholes were replaced or rehabilitated with sprayed on lining.

Itasca, IL
IL Route 53 Water and Sewer Improvements
Project Manager for design engineering services for water system and sanitary sewer system replacements along Route 53, from Nordic Road on the south to Norwood Avenue on the north. Services included locating potential conflicts between the Village's water and sanitary sewer systems, and the proposed storm sewer to be constructed as part of the IDOT Route 53 (Rohlwing Road) improvement project. The project involved a pilot tube micro-tunneled 15-inch sewer through wetland/poor soils in order to provide a stable, permanent foundation for the sanitary sewer between the bottom of the pipe and the existing stable soils below the pipe. The project also included a determination of easements required to move the water mains out of the Route 53 right-of-way, and the final design of water main adjustments and relocations, including details and drawings to be incorporated into the IDOT project documents for the Route 53 improvement project.

BAXTER & WOODMAN Consulting Engineers

Timothy M. Chan, PE
Cost & Finance Project Engineer

Education

B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2015

Joined Firm in 2016

Years of Experience: 6

Certifications

Engineer-in-Training, Illinois

IDOT Certifications

Documentation (Cert. 16-11790)

Continuing Education

Doug Cartland, Inc.
"Creating Excellence in Communication and Customer Relations" training, 2016

Tim earned his Bachelor of Science in Civil Engineering from the University of Illinois. His coursework focused on construction planning/productivity, sustainable infrastructure systems, and decision and risk analysis. Tim served as a Field Inspector Intern for IDOT's Bureau of Construction, and provided materials quality assurance and measure unit priced pay items. Since joining Baxter & Woodman, Tim has demonstrated his proficiency by providing design and construction observation services on a variety of water and wastewater engineering projects.

Representative Projects

Schaumburg, IL
Water Model and Master Plan
Project Engineer for development of a GIS Integrated water model to identify and prioritize cost effective improvements to the Village's water system. The purpose of this report was to develop a systematic approach for making both short and long term capital improvements to improve system performance and reliability. The project included field hydrant testing, extended period simulation, and various distribution system analysis scenarios.

Elmhurst, IL
Water System Evaluation
Project Engineer assisting with comprehensive evaluation of the entire water distribution system to develop and achieve a long term water system vision focusing on operational efficiency, improvements to decrease water loss and water main breaks, and improve pumping and storage operations.

Deerfield, IL
Water System Master Plan
Project Engineer for the study, review and analysis of the Village's water system with the goal of developing an efficient, economical water system plan for operations, facilities, and the distribution system.

Rolling Meadows, IL
Water Model and Master Plan Update
Project Engineer for rebuilding and updating the City's WaterGEMS model so that the new model coordinates with the City's GIS. The updated model will be used to help develop recommended water system improvements plan to address immediate and long term water system needs.

Elwood, IL
Water Planning Report
Project Engineer for water and wastewater facilities planning. The Facility Plan evaluated the water system's supply and demands over the next twenty years and included major development proposals, infrastructure improvements, and additional water supply sources. Goals for the study were cost-effectiveness, compliance with regulatory limits, and providing the best long-term plan for growth and development within the Village.

Lincolnwood, IL
Water Pumping Station Infrastructure & Operations Evaluation/ Risk & Resilience Assessment
Project Engineer for study to assess the existing main water pump station's infrastructure from a mechanical, operational, electrical, and SCADA perspective; determine the system's ability to handle various emergency scenarios; and evaluate costs associated with recommendations made to replace aging infrastructure or add additional components to the system. A USEPA-required risk and resilience assessment was also performed to study the risks of every part of the water system from supply to distribution including physical, cyber, and financial systems.

Deerfield, IL
Project Manager for the Village's Water and Sewer Rate Study, and development of a new water and sewer rate structure. The project included assessing the Village's historical revenues and expenses, developing a financial forecast model, and the inclusion of a five-year capital improvement project plan. Recommendations included modifying the existing rate structure to prorate expenses equitably and justifiably to the Village's customers while maintaining adequate revenues. The study also included a rate comparison survey of the Village's neighboring water and sewer rates for typical bills.

Plano, IL
Project Manager for the City's Water and Sewer Rate Study. The primary objective of the study was to re-evaluate the existing rates for the forecasted capital improvement projects as well as maintaining their senior tier rates. The City also wanted to investigate moving from a strictly volumetric rate structure to a fixed and volumetric rate structure to create a prorated schedule for its customers. Work included assessing the City's existing revenues and expenses to determine its existing capacity for additional CIP. The study also included a rate comparison survey of the Village's neighboring water and sewer rates for typical bills.

Lisle, IL
Project Manager for the Village's Water and Sewer Rate Study and development of a new water and sewer rate structure. The project also involved a capital improvement plan analysis in which a site visit was conducted to review existing infrastructure and determine any additional CIP to be included in the rate study. The Village's historical revenues and expenses were assessed and the work included developing a financial forecast model. A focus was placed on the evaluation of the existing rate structures and its equitability to the Village's customers as well as an educational component to highlight the cost of water and its aging infrastructure. The study also included a rate comparison survey of the Village's neighboring water and sewer rates for typical bills.

City of Chicago Department of Water Management
Pumping and Distribution SCADA Overview Screen Upgrades
Worked with the Head of Pumping and Distribution and operators to redevelop new overview screens for SCADA that would enhance visibility from a distance, provide one-click access to key metrics, and diagnostics in the event of alarms or system irregularities.

BAXTER & WOODMAN Consulting Engineers

Eric J. Murauskas, PE

Well Evaluation

Education

B.S. Civil Engineering, Iowa State University, 1989

Joined Firm in 1989

Years of Experience: 31

Continuing Education

Annual courses conducted by Marsh-McBirney that include instruction ranging from site selection and flow meter installation to analysis of flow data

Training courses in the use of Visual-Modflow, a software package for modeling groundwater movement

Training courses for well design and rehabilitation

Training courses for the use of WaterCAD, a software package for modeling water distribution systems

Registrations

Licensed Professional Engineer: Illinois

Certifications

Manhole Assessment Certification Program, NASSCO, Inc.

Lateral Assessment Certification Program, NASSCO, Inc.

Pipeline Assessment Certification Program NASSCO, Inc.

Eric has developed strong expertise in water supply well design, test well drilling programs, and water treatment plant design.

He also is well versed in many areas, including sanitary sewer evaluation studies, sanitary sewer flow monitoring, sanitary sewer rehabilitation, stormwater drainage studies, sewer system design, and municipal services. He has managed over 100 flow monitoring and sanitary sewer evaluation studies.

Eric completed the CIPP Inspector Training and Certification Program from NASSCO, Inc. NASSCO's Inspector Training and Certification Program (ITCP) is a new standard national training and certification program that provides field construction professionals with comprehensive learning and tools to understand and inspect trenchless pipeline renewal technology.

Representative Projects

South Elgin, IL
Project Engineer for the design of Water Supply Well Nos. 7 and 9.
Project Engineer for conducting a test well drilling program that ultimately resulted in the design and construction of Water Supply Well No.10.
Conducted iron removal pilot plant testing for Well No. 6.
Project Engineer for the design of the Water Supply Well Nos. 11 and 12, and Water Treatment Plant Improvements.
Project Engineer for the Eastside Water System Improvements.

Cary, IL
Project Engineer for the design and construction of Water Supply Well No. 12.
Conducted iron removal pilot plant testing for Water Supply Wells Nos. 8, 9, and 11.
Project Engineer for the design of a well house expansion for Water Supply Well No. 11, which included methane removal facilities using forced draft aeration.
Project Manager for the following:

- Water Supply Wells Nos. 3 and 10 Pumping Equipment Rehabilitation Design
- Water Supply Well No. 4 Pumping Equipment Rehabilitation Design
- Water Supply Well No. 8 Pumping Equipment Rehabilitation Design
- Water Supply Wells Nos. 6 and 11 Pumping Equipment Rehabilitation Design
- Water Supply Well No. 13, Water Treatment Plant, and Reservoir Design

Carpentersville, IL
Project Manager and Engineer for conducting a test well drilling program which ultimately resulted in the design and construction of Water Supply Well No. 8.
Shallow Well Development (test well drilling program).

Crest Hill, IL
Project Manager for the design of Water Supply Well No. 12.

Crystal Lake, IL
Project Manager for the Test Well Drilling Program (WTP No. 5)
Project Manager for the design and construction of Well Nos. 15 and 16.

Associations

American Public Works Association

American Water Works Association

National Groundwater Association

Water Environment Federation

Project Manager for the design of Water Supply Well Nos. 15 and 16 Pump.
Utilized the computer program MODFLOW to develop a wellhead protection program.

DeKalb, IL
Project Engineer for the Troy Valley Groundwater Exploration (test well drilling program that ultimately resulted in the design of Water Supply Well Nos. 15, 16, and 17).
Project Manager for the design of Water Supply Well Nos. 15, 16, and 17.
Project Manager for the design of Water Supply Wells Nos. 4, 6, 8, and 9 Abandonment.

Fox River Grove, IL
Project Engineer for conducting a test well drilling program that ultimately resulted in the design and construction of Water Supply Well No. 3.
Project Manager for the design of Water Supply Well No. 4.
Project Engineer for the sampling of monitoring wells to locate sources of groundwater contamination.

Geneva, IL
Project Engineer for the design of replacement pumping equipment for Water Supply Well No. 7.

Gilberts, IL
Project Manager for the design of Water Supply Wells Nos. 5 and 6.

Grayslake, IL
Project Manager for the abandonment of Water Supply Well Nos. 1 and 3.

Huntley, IL
Conducted iron removal pilot plant testing for Water Supply Wells Nos. 5, and 6.
Project manager for the design of Water Supply Well No. 11.
Project Manager for Water Supply Well No. 7.

County Club Hills, IL
Water System Study
Baxter & Woodman was asked to prepare a water system master plan using WaterCAD modeling results to assess water supply, distribution, and storage. A new, large development (the Gatling Property) was under construction in the northern sector of the City, and it significantly impacted both the Lake Michigan water allocation that the City received and the storage needs. In addition, one of the elevated storage tanks (the South Tower) had operational difficulties and could not be filled, and the area near it had difficulty maintaining a chlorine residual. Using the model, we determined the fire flow impacts of adding a 500,000-gallon storage tank in the new development, removing the South Tower, and looping water mains in critical locations to improve fire flows. To meet the needs of the City when the Gatling development was complete, the City had to increase its Lake Michigan water allocation and install the new elevated storage tank. We recommended an operating strategy that maximized the effectiveness of the South Tower as an alternate to removal. A third issue was a water hammer problem at the Pump Station. We recommended soft-start controls and a surge relief valve as the most cost-effective strategy.



RANDAL OLSON, JR

SCADA

Randal is an Electrical Engineer with over 6 years of experience working in the Manufacturing and Water/Wastewater Industry. He specializes in proactive continuous improvement initiatives and electrical troubleshooting of automated equipment. Randal possesses excellent interpersonal and communication abilities, and develops new skills quickly. He enjoys being part of a team, and thrives in demanding and challenging environments.

REPRESENTATIVE PROJECTS

Village of Oswego, IL

Uninterrupted Power Supply and Surge Suppression Installation

Randal successfully integrated uninterrupted power supplies and surge suppression in each of the Village's existing SCADA Well Panels. The Village had a history of component failures due to lightning strikes and utility power surges. Now that the equipment is protected, the Village expects to see a reduction in failed equipment. Randal worked closely with the Village to minimize the downtime of each Well and identified improvements to their system along the way.

Fox River Valley Water Reclamation District

Pump Station 31 Replacement

Randal served as the primary integrator for this pump station replacement project. He effectively took the Engineering Design Specifications and successfully created the PLC program from them. Randal also developed user-friendly, high performance OIT and SCADA graphics using the Rockwell Automation FactoryTalk View suite.

WHILE WORKING FOR OTHERS:

Progress Rail

Senior Electrical Controls Engineer

- Designed and implemented PLC, HMI, and Robot program modifications on High Volume equipment to ensure quality, reduce cycle-time, and improve part traceability.

- Initiated control upgrades on machinery with obsolete PLC, HMI, and VFD components; updated electrical schematics to reflect revisions.

EDUCATION

B.S. Electrical Engineering

University of Valparaiso, Valparaiso, Indiana 2013

CERTIFICATIONS

Engineer in Training: IL, IN

Six Sigma Green Belt

Technical Proficiencies

RSLogix/Studio 5000 & 500, FactoryTalk View ME & SE, GE iFix & Proficy Machine Edition, AutoCAD, Microsoft Office Suite, Remote Access

CONCENTRIC
INTEGRATION

BAXTER & WOODMAN Consulting Engineers

Anthony E. Bianchin, PE, PLS

Land Acquisition

Education

B.S., Civil Engineering
Illinois Institute of Technology, 1993

Joined Firm in 2006

Years of Experience: 27

Registrations

Licensed Professional Land Surveyor: Illinois, Wisconsin

Licensed Professional Surveyor and Mapper: Florida

Licensed Professional Engineer: Illinois

IDOT Certifications

IDOT Bureau of Construction Task Training/Certifications:
P.C.C. Paving
HMA Density Testing
HMA

Certifications

Nuclear Density Gauge, Troxler Laboratories
Concrete Field Testing Technician, ACI

Tony has 27 years of design and land surveying experience. His expertise includes the design of roadway reconstruction, roadway realignment, storm sewer, sanitary sewer, and water main projects. He is also proficient in the preparation of right-of-way acquisition, plat, and legal description documents. Tony teaches several surveying courses at the College of Lake County.

Representative Projects

Shorewood, IL
Lake Michigan Water Transmission Main Routing Study
Responsible for easement and right-of-way acquisition, and preparation of plats. Baxter & Woodman conducted a routing study for a Lake Michigan Water Transmission Main from the Village of Bolingbrook to the Village of Shorewood. As part of the study, Baxter & Woodman investigated and identified feasible routes by considering topography, access, interference with major utilities, IDOT's accommodation of utilities within right-of-way along I-55, and property ownership.

Carol Stream, IL
Easement and plat preparation for the Southwest Water Main Extension project. Also provided construction layout assistance.

Lake Forest, IL
IL 43 and Westleigh Property Acquisition Assistance
Professional Land Surveyor for obtaining property at the Waukegan Road (IL Rt. 43) and Westleigh Road intersection from Lake Forest School District 67 Administration Center. This preliminary work was used to facilitate the exchange of property from School District 67 to the City of Lake Forest. The project included preparing legal descriptions for the anticipated right-of-way necessary for the planned IL 43 and Westleigh intersection improvements on District property, completing ROW exhibit for the proposed transfer, and coordinating revisions from City staff and the District.

Lincolnshire, IL
Water Main Replacement Program
Boundary analysis for the replacement of approximately 3,450 feet of 8-inch water main along Bedford Court, Middlebury Lane, Westwood Lane, at the intersection of Fox Trail and Riverwoods Road, and rehabilitation of approximately 60 feet of 8-inch water main using CIPP lining. Replacement included new water services for every resident, replacement of hydrants, valve vaults, connections to existing water main, installation of gate valves, casing pipes, and a variety of water main fittings for connections.

BAXTER & WOODMAN Consulting Engineers

Dennis S. Dabros, PE
Construction

Education
B.S., Civil Engineering
Marquette University, 2000

Joined Firm in 2000

Years of Experience: 20

Registrations
Licensed Professional Engineer: Illinois

Pervious Concrete Technician

IDOT Certifications
Small Drainage Structures
Documentation (Cert. 15-0089)
ICORS
Pipe Culverts
Storm Sewers
Traffic Signal Installation
Materials Management for Resident Engineers

Associations
American Society of Civil Engineers

Continuing Education
Doug Cartland, Inc.
"Creating Excellence in Communication and Customer Relations" training, 2016

Dennis provides design and construction engineering and inspection services for many of our water and wastewater projects. He has worked on projects that include improvements to storm sewer, water main, and sanitary sewer systems, pumping stations, treatment facilities, roadways, and bridges. He is familiar with the requirements of various funding programs, and is adept at coordinating with the owner, contractor, and regulatory agencies.

Representative Projects

Oswego, IL
Downtown Historic District and Bicycle Path Enhancement Project
Project engineer for ITEP-funded bicycle path along Waubonsie Creek connecting the Village library to a pedestrian bridge over the Fox River. The project involved the construction of a bituminous concrete shared use path following the south side of the Waubonsie Creek from the Oswego Veterans Memorial Plaza to the Hudson Crossing Park.

South Elgin, IL
Water Main Improvements
Construction Manager for 950 feet of water main improvements on Illinois Route 31/La Fox Street, which included the installation of three casing pipes at State Street, Middle Street, and Plum Street. The project consisted of 300 lineal feet of 18- and 24-inch open cut casing pipe, 350 cubic yards of CLSM, 300 square yards of Class "D" patch, 60 lineal feet of curb and gutter replacement, traffic control, and other miscellaneous items of work. As construction manager, Dennis was responsible for overseeing the project's progress, confirming services were completed per IDOT standards, obtaining permits, ensuring compliance with the approved Maintenance of Traffic, and ensuring the project was completed on a compressed schedule in advance of an IDOT corridor resurfacing project along Route 31.

Joliet, IL
Downtown Water Main Rehabilitation
Provided construction assistance for the Downtown project, consisted of removing 3,300 feet of existing water main, and excavating 1,600 cubic yards of bedrock to install the new water main within the existing trench. A temporary water system was installed to maintain water service to businesses during construction. The Downtown project required coordination between the City, IDOT, and Will County Court proceedings, as well as incorporating the designs of the future Will County Courthouse, and a future 66-inch storm sewer along Washington Street.

Shorewood, IL
CDBG Water System Improvements
Resident Project Representative for the installation of approximately 1,200 lineal feet of 8-inch diameter water main in the parkway of Helene Street and Laura Street, south of Sarah Street. The project included fire hydrants, valves, non-pressure connections to the existing system, and water services to the property line. In addition, the project included approximately 200 lineal feet of 8-inch sanitary sewer and approximately 500 lineal feet of 8-inch water main to provide service to the Public Works building.

Park Forest, IL
Water Main Replacement
Construction Engineering of this $5.7 million water main replacement project. This project involved replacement of 70-year-old water mains thru the IEPA low interest loan program (PWSLP) and the rehabilitation of disturbed pavement surfaces. This project utilized open cutting and directional drilling over five miles of new 8- and 12-inch PVC water main, 2,000 lineal feet of sewer replacement, and 360 service connections. Dennis assisted with coordination with utility relocations and permit approvals with IDOT and the Cook County Highway Department.

Villa Park, IL
N. Princeton Avenue Water Main Replacement
Construction Advisor for the installation of 1,200 feet of water main improvements on Princeton Avenue between Terrace Street and Plymouth Street.

Flossmoor, IL
2016 Water Main, Phase 2B Improvements
Construction manager for this $1.9 million water main replacement project. The project involved replacing 70-year-old water mains located in rear yard easements that were inaccessible for repair. This project involved replacing approximately 4,600 lineal feet of 8-inch water main by horizontal directional drilling and approximately 4,200 lineal feet of 8-inch water main by open cutting. This project was part of a 5-year water main replacement program, which Baxter & Woodman has been awarded four out of five years. Baxter & Woodman also coordinated utility relocations and permit approvals with IDOT and the Cook County Highway Department.

Oak Forest, IL
Waverly Avenue over Midlothian Creek
Construction Manager for replacement of a corrugated metal pipe arch under a local collector road with a two-cell cast-in-place reinforced concrete box culvert.

BAXTER & WOODMAN Consulting Engineers

Richard A. Gallas, PE, CFM
Government Affairs

Education

B.S., Civil Engineering Major, Construction Management Minor
University of Wisconsin, 1995

MBA., Masters Business Administration, Keller Graduate School, 2004

MPA., Masters Public Administration, Keller Graduate School, 2012

Joined Firm in 2018

Years of Experience: 25

Registrations

Licensed Professional Engineer: Illinois

Licensed Professional Engineer: Wisconsin

Licensed Public Applicator: Illinois

Certified Floodplain Manager

Associations

American Public Works Association – Fox Valley Chapter, Chicago Chapter

American Society of Civil Engineers

Awards

2016 and 2017 Public Works Projects of the Year

Rich has nearly 25 years of public works and municipal utility leadership, most recently serving five years as the Village of South Elgin's Engineering and Public Works Director. He is a professional engineer with both private and public sector experience. During his many roles in public works he was responsible for managing employees across departments and capital planning for facilities with budgets ranging from $15-$125 million. His successful management of staff and facilities has been demonstrated through positive fiscal management, employee performance, and public service delivery.

Representative Experience

Elwood, IL
Interim Village Engineer
Rich works out of Elwood Village Hall and provides approximately 16 hours per week of interim Village Engineering assistance, which includes field inspections, agency meetings, and Village Board meetings as determined by the Village. Other duties as assigned include:

- Provide general engineering services, plan and specification review, and assistance to development applicants through the development process
- Respond to neighborhood drainage and grading concerns
- Assist with new development review (drainage, design, traffic, and infrastructure) and developer agreements
- Serve as liaison to Will County Governmental League Transportation Committee
- Attend Village Board and staff meetings as requested
- Attend a regularly-scheduled weekly Development Review Committee meeting

South Elgin, IL
Village Engineer/Director of Public Works
Responsible for the department leadership including 25 employees (20 union and 5 non-union), capital programs, key projects, strategic planning, and city council partnership. The total budget for all funds is $15 million and specific areas of responsibility included:

- Underground Utilities Division: Water Distribution and Storage, Sanitary Sewer Collection, and Storm Sewer System
- Streets Division: Streets Division, Pavement and Sidewalk Services, Fleet Services, Facilities Management, Urban Forestry, Snow Removal, Street Sweeping, and Special Events
- City Engineering: MFT programs, Capital Improvement Programs, System Planning, and Community Outreach
- Administrative Support: Citizen services, Dial-a-Ride Programs, and Outreach

St. Charles, IL
Assistant Director of Public Works
Responsible for the management of department operations including, 98 employees (65 union and 33 non-union), capital programs, key projects, daily activities, and long range planning. The total budget for all funds is $125 million and specific areas of responsibility included:

- The Environmental Services Group: Water Services, Sanitary Sewer Collection, Wastewater Treatment, Environmental Laboratory, Solid Waste Collection Contracts, and Green Programs
- The Public Services Group: Streets Division, Storm Sewer Services and Management, Fleet Services, Facilities Management, Urban Forestry, Snow Removal, Street Sweeping, and Special Events
- Electric Services Divisions: Power Purchase, Substations, Transmission, Distribution, and City Communications
- City Engineering: MFT programs, Capital Improvement Programs, System Planning, and Community Outreach
- Administrative Support: Citizen services, Call-n-Ride Programs, and Outreach

Process
Research
Solutions,
LLC

Chemical Engineering/
Software Development

Process Research Solutions, LLC

Abigail F. Cantor, P.E.

Abigail F. Cantor, P.E., is a chemical engineer specializing in water quality investigations and proactive prevention of water quality issues. Her skills have been applied to drinking water in municipal water systems, commercial buildings, school buildings, and private residences.

Ms. Cantor began her career in 1980 designing treatment processes for water and wastewater. In 1991, when the Lead and Copper Rule was published, her focus changed to Lead and Copper Rule compliance and other water quality investigations.

In 1997, she became an independent engineering consultant with her own firm, Process Research Solutions, LLC. The company specializes in chemical engineering services dealing with water quality issues, and monitoring-data management with associated computer software written by Ms. Cantor.

Ms. Cantor has developed the strategy and equipment for monitoring in water distribution systems to gather comprehensive, consistent, and representative water samples. The monitoring technique and resultant comprehensive perspective of water quality are demonstrated in the Water Research Foundation Project 4586 report published in November 2017.

Web site: www.processresearch.net

Email: info@processresearch.net

Telephone: 608.233.3911

Irene Schild Caminer

irene.caminer@gmail.com | (773) 263-4013 | www.linkedin.com/in/irenecaminer

WORK EXPERIENCE

Caminer Law, LLC **2018-present**

Principal, Founder & Owner

- Provide sound, thoughtful and thorough business and legal judgment.
- Advise, organize, strategize and collaborate to arrive at successful solutions.
- Execute workable approaches that meet the needs of the client and strengthen the organization.
- Strong analytical and writing skills in areas including business, executive and project management, water quality and quantity, environmental and regulatory compliance, budget preparation, legislative review and analysis and security.
- Assist with obtaining Minority, Women and Disadvantaged Owned Business Enterprise certifications.

City of Chicago Department of Water Management **1997 - 2017**

Commissioner's Office

Senior Advisor-Project Manager-Director of Legal Services-Legislative Liaison-Assistant Commissioner-General Counsel-Government Relations

- Managed and drove all legal functions:
  - Reviewed, negotiated and executed a wide variety of strategies, documents and agreements on various subjects including municipal water supply agreements, litigation, municipal bonds, real estate transactions, procurement and regulatory issues.
  - Legislative Liaison (Government Relations) on all local, state and federal matters impacting the Department.
  - Defined, developed and trained on policies, procedures and programs including personnel, ethics, operational, environmental, safety and accountability initiatives.
  - Advised and counseled senior management on effective planning, strategizing, budgeting, bonding and policy making.
  - Managed and oversaw the Department's annual budget process.
  - Investigated and responded to the Inspector General's Office on matters involving the Department's organization, technology and business processes including but not limited to customer billing and collections and inventory policy and safeguards.
- Oversaw and championed organizational changes:
  - Managed messaging and communications, structured methodology, accountability and strengthened relationships among key stakeholders (often during times of crisis) resulting in new business processes and programs. Examples include:
    - Developed, implemented and continually assessed the effectiveness of the Department's historic 10-year Capital Improvement Program; spending nearly $7B on infrastructure projects to install and replace more than 880 miles of water main, rehabilitate 700 miles of sewer main, line 95,000 structures, install 200,000 water meter installations, and upgrade and improve facilities.
    - Created $200M MeterSave program to install more than 100,000 meters in homes.
    - Project Manager of warehouse inventory system; consolidated and moved various business groups to new building.
    - Project Manager of merger between the Department of Water and the Department of Sewers.
    - Project Manager of the implementation of the billing and customer service system.

City of Chicago Department of Law **1990 - 1997**

Assistant Corporation Counsel

- Prosecuted and defended the City in civil, criminal and administrative matters including jury trials and arbitrations

Circuit Court of Illinois, Cook County Law Division **1987 - 1990**

Law Clerk to the late Honorable Dean J. Sodaro

EDUCATION & LAW LICENSE

IIT Chicago Kent College of Law, Chicago, Illinois Juris Doctor	1987
University of Illinois, Urbana, Illinois Bachelor of Arts, Speech Communication	1984
Illinois State Bar	Current

PROFESSIONAL ASSOCIATIONS

- Association of Metropolitan Water Agencies — 1997 – 2017
  - Board Member — 2006 – 2017
- American Water Works Association — Current
  - Peer reviewed articles for the Journal of the American Water Works Association
- Hispanic American Construction Industry Association (HACIA) — Current
  - Presented on the Basics of Contracts to Business Students of the FEJA Training program
  - Article for monthly newsletter, "The Importance of Contract Preferences in Government Funded Projects" April 6, 2020
- Illinois Section of the American Water Works Association (ISAWWA) — Current
  - Vice-Chair, Host Committee ACE16
  - Authored, co-authored and spoke at various ISAWWA State Conferences
- Women in Transportation — Current
- National Association of Women Business Owners — Current
- Federation of Women in Construction — Current
- Federal Bar Association — Current
- Illinois State Bar Association — Current
- Chicago Bar Association — Through 2017
- Chicago Municipal Employees Credit Union - Board Member and Secretary — 2000 – 2006, 2011

CERTIFICATIONS & CODES

Women-Owned Business Enterprise (WBE)	Chicago & Illinois
Business Enterprise Program (BEP)	Illinois
Disadvantaged Owned Business Enterprise (DBE)	Pace Bus
Airport Concession Disadvantaged Owned Business Enterprise (ACDBE)	Pace Bus
Interstate ACDBE and DBE	Va., DC & MD & pending Ind

NAICS Code: 54110 – Offices of Lawyers
NAICS Code 541611 – Administrative Management and General Management Consulting Services
NAICS Code 541618 – Other Management Consulting Services
NAICS Code 541620 – Environmental Consulting Services

Women-Owned Business Enterprise (WBE) — State of Illinois Central Management Services (CMS)
NIGP Code: 95877 - Project Management Services
NIGP Code: 96149 - Legal Services, Attorneys
NIGP Code: 96158 - Negotiation Services
NIGP Code: 96161 - Public Speaking Services
NIGP Code: 96190 - Writing Services, All Kinds, Including Resumes, Calligrapher and Engrosser Services
NIGP Code: 96866 - Right of Way Services, Including Title, Relocation, Condemnation, Etc.

DBE / WBE CERTIFIED

public involvement + strategic communications + planning

Team Members



Tracy Morse

President & CEO

As President and CEO of Images, Inc., Tracy Morse built a business that filled a need for strategic communication and public outreach across a variety of industries. Tracy is breaking ground by reshaping the way outreach is done in the infrastructure industry. At Images, Inc., the goal is to build the client's image and tell their story from beginning to end -- Tracy assembled a team of experts to bring their client's vision to life.

For more than 17 years she has successfully provided strategic leadership in public involvement and Context Sensitive Solutions on some of the largest transportation plans in the U.S. Her firm is noted for its national experience and unique blend of communications, strategic planning, public relations, marketing, technical writing, web design and print media. Through her work she has partnered with state Departments of Transportation, regional transportation authorities, State Toll Highway Authorities, metropolitan planning organizations, transit authorities, Federal Highway Administration, technical advisory groups and elected officials. Her innovative work has been recognized nationally by the Transportation Research Board, and has been represented as the IDOT AASHTO entry for national recognitions.

Tracy's comprehensive experience in the multimodal transportation and infrastructure planning, the National Environmental Policy Act (NEPA) process, as well as working with contractors on communication during the construction phase, has given her the depth of experience to craft strategic plans that emphasize a proactive and effective approach to public involvement and communications. Tracy has a unique talent for conveying complex information and strategic messages in a style and tone appropriate for the target audience. Her talent is recognized by The Publicity Club of Chicago, who awarded her with a 2015 Golden Trumpet Award, a top honor, for her work with SOS Children's Villages-Illinois.

PROJECT EXPERIENCE

I-74 Mississippi River Bridge GEC/CM
Iowa and Illinois Departments of Transportation
Iowa and Illinois

I-290 Eisenhower Expressway Phase I EIS Study
Illinois Department of Transportation
Cook County, IL

Arterial Bus Rapid Transit PMO
Pace Bus
Northeastern Illinois

Illiana Phase I Tier I/II EIS
Illinois and Indiana Departments of Transportation
Illinois and Indiana

High-Speed Intercity Passenger Rail (Chicago-Dubuque)
Illinois Department of Transportation
Springfield, IL

General Engineering Consultant/Market Research
VIA Metropolitan Transit
San Antonio, Texas

Tri-County Access (IL 53/120) EIS
Illinois Tollway
Lake, McHenry and Cook Counties

I-80 (Ridge Road to US 30) Phase I EA Study
Illinois Department of Transportation
Will County, IL

Illiana P3 Advisory
Illinois and Indiana Departments of Transportation
Illinois and Indiana

Savanna-Sabula Bridge over the Mississippi River
Illinois Department of Transportation
Illinois and Iowa

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Illinois High-Speed Rail Program Management
Illinois Department of Transportation
Springfield, IL

Bus Rapid Transit (BRT) Market Research Study
Regional Transportation Agency (RTA)
Cook and DuPage County

IL 131 Green Bay Road Phase I EA Study
Illinois Department of Transportation
Lake County, IL

Elgin O'Hare – West ByPass- Phase I Tier I/ II EIS
Illinois Department of Transportation
Northeastern Illinois

Illinois 47 – US 14 to Charles Road Phase I EA
Illinois Department of Transportation
McHenry County, IL

Bus Rapid Transit Market Research Study
Pace Bus
Cook and DuPage Counties

Star Line Alternative Analysis
Metra
Chicago, IL

RTA Comprehensive Strategic Transportation Plan
RTA
Chicago, IL

Blue Line Forest Park Branch Vision Study
Chicago Transit Authority
Chicago, IL

Illinois Statewide Transportation Plan
Illinois Department of Transportation
Springfield, IL

Northern Illinois Commuter Transportation Initiative
Alternative Analysis
Rockford, IL

Chicago Regional Environmental and Transportation
Efficiency Program (CREATE)
Chicago, IL

Red, Orange, and Yellow Line Extension Alternatives Analysis
CTA
Chicago, IL

I-94 – IL 173 to Russell Road Study
Illinois Department of Transportation
Lake County, IL

I-57 at I-294 Interchange Reconstruction
Illinois Department of Transportation
Chicago, IL

Prairie Parkway Phase I EIS Study
Illinois Department of Transportation
Northeastern Illinois

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Team Members



Janet Henderson

Director of Business Development

One of the key attributes Images, Inc. prides itself on is forming a team of knowledgeable and well-rounded professionals. With 30 years of experience in the field, Janet Henderson is able to develop innovative strategies for our client's projects, work under tight deadlines, anticipate issues before they occur and focus on developing positive relationships from the client to the public.

From Illinois to California and Texas, Janet has taken on national projects where she was involved in regional transportation planning, implementing financial controls, developing environmental documentation and more. Her experience includes working for Chicago Metropolitan Agency for Planning, Southern California Association of Governments and an international engineering firm. Janet's skills put her at the forefront of projects including the management of Community Environmental and Transportation Acceptability Processes (CETAP); SR-91 Toll Lanes; California Maglev; and directing activities for eleven Councils' of Mayors.

Her success derives from her passion for strategic communication and public involvement. At Images, Inc., Janet serves as our Director of Business Development and manages projects, working with clients such as DuPage County, City of Joliet, Illinois Capital Development Board and Illinois Department of Transportation (IDOT). She engages with hundreds of communities between Chicago and St. Louis for the Illinois High-Speed Rail project – directing awareness campaigns, conducting public and one-on-one meetings, social media engagement and media outreach. While managing IDOT's I-55 Managed Lanes project, she helped define the presence of the first proposed managed lane in the state of Illinois for the public. She also coordinated and facilitated a Corridor Planning Group and led noise wall solicitations. At Images, Inc., Janet has led strategy development, stakeholder outreach, meeting facilitation, survey implementation and evaluation, website development, and media management.

PROJECT EXPERIENCE

Quincy Veterans' Home Master Plan
Capital Development Board
Springfield, IL

Quincy Veterans' Home Bridging Documents
Capital Development Board
Springfield, IL

DART Red and Blue Line Parking Needs Study
North Central Texas Council of Governments
Arlington, TX

Webster Avenue Bridge
Chicago Department of Transportation
Chicago, IL

I&M Canal Trail Feasibility Study
Chicago Metropolitan Agency for Planning
Chicago, IL

I-80 (Ridge Road to US 30) Phase I EA Study
Illinois Department of Transportation
Will County, IL

Joliet Alternative Water Source Program
City of Joliet
Joliet, IL

Joliet Alternative Water Source Study
City of Joliet
Joliet, IL

I-55 @ Lorenzo Road Study
Illinois Department of Transportation
Springfield, IL

Chicago to Milwaukee Passenger Rail
Illinois Department of Transportation
Springfield, IL

DuPage County Long Range Transportation Plan
DuPage County Division of Transportation
Wheaton, IL

McHenry County Transit Plan
McHenry County Department of Transportation
Woodstock, IL

Lake Cook Corridor Study
Village of Buffalo Grove
Buffalo Grove, IL

Chicago to St. Louis High-Speed Rail Program Management
Illinois Department of Transportation
Springfield, IL

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Team Members



Union Station St. Charles Air Line
Illinois Department of Transportation
Springfield, IL

Chicago Terminal Rail Study
Illinois Department of Transportation
Springfield, IL

Illinois State Rail Plan
Illinois Department of Transportation
Springfield, IL

Intercity Passenger Rail (Chicago to Quad Cities) Program Management
Illinois Department of Transportation
Springfield, IL

Granite City to St. Louis High-Speed Rail NEPA Tier 2 Study
Illinois Department of Transportation
Springfield, IL

I-55 Managed Lane
Illinois Department of Transportation
Schaumburg, IL

Elburn Comprehensive Plan
Village of Elburn
Elburn, IL

Intercity Passenger Rail (Chicago to Dubuque) Program Management
Illinois Department of Transportation
Springfield, IL

Forest Park Comprehensive Plan
Village of Forest Park
Forest Park, IL

Transit Business Plan
Government of Guam
Guam

SH 31 Environmental Relief Route
Navarro County, Texas

Comprehensive Plan
Environmental Impacts
Johnson County, IN

HOV Facility Inventory and Clearinghouse
Federal Highway Administration (FHWA)
U.S. and Canada

American Recovery and Reinvestment Act (ARRA) Grant Development
Government of Guam
Guam

Congestion Pricing Operating Plan
Los Angeles County Metropolitan Transportation Authority (Metro)
Los Angeles County, CA

Regional Transportation Mitigation Fee Program
Council of Fresno County Governments (FCOG)
Fresno County, CA

Freeway Strategic Study
Riverside County Transportation Commission (RCTC)
Riverside County, CA

Transportation Uniform Mitigation Fee Program
Western Riverside Council of Governments (WRCOG)
Riverside County, CA

I-15 Comprehensive Corridor Study
San Bernardino Council of Governments
San Bernardino County, CA

Community Environmental Acceptability Process (CETAP)
Western Riverside Council of Governments (WRCOG)
Riverside County, CA

Four Corners Planning Study
Southern California Association of Governments
Riverside, Los Angeles and Orange Counties, CA

Maglev High Speed Rail
Southern California Association of Governments
Southern California

SR-91 Toll Lanes – Orange County
Orange and Riverside Counties, CA

Clean Air Educational Video
CATS Council of Mayors
Chicago Metropolitan Region, IL

Highway Performance Monitoring System
CATS Council of Mayors
Chicago Metropolitan Region, IL

Congestion Mitigation Air Quality Program
Chicago Area Transportation Study Chicago Metropolitan Region, IL

Transportation Enhancement Program
Chicago Area Transportation Study
Chicago Metropolitan Region, IL

Sub-regional Transportation Improvement Program
CATS Council of Mayors
Chicago Metropolitan Region, IL

IMAGES INC
1250 E. Diehl Rd
Suite 101
Naperville, IL 60563
t 630.305.0044
f 630.305.0047
www.imagesinc.net

Effective Involvement, *Better* Decisions.

Attachment B

Village of Oswego, Illinois

Alternative Water Supply Study

Fee Updated 8-12-20.xlsx

DELIV No.	DELIVERABLE Title	S DEL No.	SUB-DELIVERABLE Title	Client Manager SEO $ 180	Project Manager CAG $ 180	Project Engineer LMS $ 140	Project Engineer EJM $ 160	Project Engineer Tim Chan $ 140	Project Engineer Peter K $ 120	Project Engineer Alexis $ 110	Project Engineer Elisa $ 140	GIS Chris C $ 120	GIS CAK $ 110	Admin KJ $ 85	Mileage 0.58	HOURS		COST	COST
	PROJECT MANAGEMENT			4	20											24		$ 4,320	$ 4,320
A.	**EVALUATE JOLIET WATER SOURCE OPTION**																		$ 60,678
			Kickoff meeting	4	6	6		6							245	22		$ 3,622	
			Route Options	2	4	20			40			20	20			106		$ 13,280	
			Design Stage JULIE							12						12		$ 1,320	
			Easement Review							8						8		$ 880	
			Receiving Stations/Pumping Stations	2	8	8		8				20				46		$ 6,440	
			Internal System Improvements/Model		8	20		8	20							56		$ 7,760	
			Construction Cost Estimates		4	4		8	8							24		$ 3,360	
			Operational Cost Estimates		4	4		12								20		$ 2,960	
			Financing Alternatives								4					4		$ 560	
			Continuity		2	4		4								10		$ 1,480	
			Timelines			4			4							8		$ 1,040	
			Impact on residential bills					20		20						40		$ 5,000	
			Meetings with Joliet (estimate 2 live)	4	12	12		12							490	40		$ 6,524	
			Route Options Meeting		6	6		6							245	18		$ 2,902	
			Summary Memo		4	4			12				6	2		28		$ 3,550	
B	**WATER DISTRIBUTION MODEL UPDATE**																		$ 14,240
			Update Model			4			12				40			56		$ 6,400	
			Field Hydrant Testing						8	8						16		$ 1,840	
			Calibration			4			40							44		$ 5,360	
			Model Review with Village Staff (virtual)		2	2										4		$ 640	
C	**REVIEW AND UPDATE FOX RIVER AND DWC REPORTS**																		$ 52,634
			Report review		12	40		40								92		$ 13,360	
			Model Scenarios			20			20							40		$ 5,200	
			Design Stage JULIE							8						8		$ 880	
			Easement Review							8						8		$ 880	
			Receiving Stations/Pumping Stations		2	4		4								10		$ 1,480	
			Internal System Improvements/Model		8	8		8	16							40		$ 5,600	
			Construction Cost Estimates		2	4		8	8							22		$ 3,000	
			Operational Cost Estimates					6								6		$ 840	
			Financing Alternatives								4					4		$ 560	
			Continuity		2	4		4								10		$ 1,480	
			Timelines			4			4							8		$ 1,040	
			Water Quality		8				6							12		$ 1,800	
			Impact on residential bills					20		20						40		$ 5,000	
			Meetings with the Village (1 live, 1 Virtual)		8	8		8							490	24		$ 3,964	
			Summary Memo	4	4	8		16	16				6	2		56		$ 7,550	
D	**WATER LOSS AUDIT (LMO-2)**																		$ 6,730
			Water Loss Audit					10								10		$ 1,400	
			Recommendations for Improvement		2	2		8								12		$ 1,760	
			Cost and timelines		2	2		4								8		$ 1,200	
			Summary Memo		2	2		4						2		10		$ 1,370	
E	**SUPPLY TO MONTGOMERY AND YORKVILLE**																		$ 11,830
			Route Options		2	4			8							14		$ 1,880	
			Design Stage JULIE							8						8		$ 880	
			Easement Review							8						8		$ 880	
			Receiving Stations/Pumping Stations		2	4			4							10		$ 1,400	
			Construction Cost Estimates		2	4		8	8							22		$ 3,000	
			Timelines			4			4							8		$ 1,040	
			Meeting with the Village (virtual)			2			2							4		$ 520	
			Summary Memo		2	4			4				6	2		18		$ 2,230	
F	**NEW WELL AND STORAGE**																		$ 14,232
			Updated Demands						8							8		$ 960	
			New Well and Storage Evaluation		8	8	12									28		$ 4,480	
			Cost and timeline		4	8	4									16		$ 2,480	
			ISWS collaboration		8	8	4									20		$ 3,200	
			Meeting with the Village (virtual)		2	2	2								245	6		$ 1,102	
			Summary Memo		4	8								2		14		$ 2,010	
G	**DECISION MATRIX**																		$ 19,404
			Develop Decision Matrix	4	20	20		20								64		$ 9,920	
			Workshop (estimate 2 live)		12	12		12							490	36		$ 5,804	
			Finalize with Village Input		8	8		8								24		$ 3,680	
H	**REPORT**																		$ 34,764
			Draft Report	2	16	20		20	20	20	4	12	12	8		134		$ 17,440	
			Final Report		16	16		10	10	10		4	4	4		74		$ 10,080	
			Board Presentation (estimate 2)	8	12	12		12							490	44		$ 7,244	
I	**LEGAL AND GOVERNANCE (Caminer Law - Not included in scope and fee)**																		
J	**DEVELOP COMMUNITY ENGAGEMENT STRATEGY (Images Inc)**																		$ 34,628
			Public Meeting (estimate 1)	4	8	8		8							245	28		$ 4,542	
			Images Inc.															$ 30,086	
	Subtotal - Hours			38	256	360	22	322	282	130	12	56	94	22		1594		$ 252,461.20	$ 252,461
	Subtotal - Costs			$6,840	$46,080	$50,400	$3,520	$45,080	$33,840	$14,300	$1,680	$6,720	$10,340	$1,870		$220,670			
	Expenses														2,940	$1,705		Fee	$252,461
	Subconsultant - Images Inc.															$ 30,086			
	TOTAL PROJECT COST																		$ 252,500

Village of Oswego
100 Parkers Mill • Oswego, IL 60543 • (630) 554-3618
Website: www.oswegoil.org

AGENDA ITEM

MEETING TYPE: Village Board

MEETING DATE: August 18, 2020

SUBJECT: Appointment of Special Counsel

ACTION REQUESTED:

Pass the Resolution Appointing Caminer Law, LLC as Special Counsel for the Village of Oswego

BOARD/COMMISSION REVIEW:

N/A

ACTION PREVIOUSLY TAKEN:

Date of Action	Meeting Type	Action Taken
8/4/2020	Committee of the Whole	Discussion of water source project scope, including retaining specialized legal services

DEPARTMENT: Administration

SUBMITTED BY: Dan Di Santo, Village Administrator

FISCAL IMPACT:

The FY21 CIP budget includes $405,600 for Alternative Water Source Planning. Per our Attorney Guidelines that were accepted by Caminer Law, the proposed rates for work are as follows:

- Partner Attorneys: Max of $200
- Associate Attorneys: Max of $200
- Paralegal: Max of $150
- Law Clerk: Max of $160

BACKGROUND:

The Village recently issued an RFP for consulting services for an alternative water source evaluation. The recommended consultant, Baxter and Woodman, included a specialty attorney on their consultant team, Caminer Law, LLC. The nature of this water source evaluation lends itself to a specialty attorney, since no matter which of the three water source options are chosen there will be specialized legal documents that need to be drafted and reviewed. The selected water source

could involve joining an existing water commission, changing state law, establishing a new water commission or joint action water agency, or negotiating a water purchase agreement with a community. For these reasons, staff recommends appointment of a specialty attorney that is expert in the field of water agreements.

DISCUSSION:

The principal of Caminer Law, LLC, Irene Caminer, is an experienced attorney with more than 30 years of government experience, including 20 years as the General Counsel to the City of Chicago Department of Water Management. In her role, Irene managed 47 direct water supply agreements, negotiated the terms of water supply agreements, and helped develop conservation plans through the Illinois Department of Natural Resources.

On this project, Irene's role would be to provide advice, counsel, and guidance to the Village by analyzing general legal obligations involved in the various water source options, including drafting and reviewing legal agreements.

As the recommended special counsel, Irene has agreed to the terms of the Village's attorney guidelines, which set the expectations, standards, and billing policy required of Village attorneys. As such, staff recommends appointment of Caminer Law, LLC as special counsel to the Village of Oswego.

RECOMMENDATION:

Pass the Resolution.

ATTACHMENTS:

1. Resolution
2. Attorney Guidelines

RESOLUTION NO. 20 - R - 81

A RESOLUTION APPOINTING CAMINER LAW, LLC AS SPECIAL COUNSEL TO THE VILLAGE OF OSWEGO

WHEREAS, the Village of Oswego ("Village") has a population of more than 25,000 and is therefore a "Home Rule Unit" under the 1970 Illinois Constitution; and

WHEREAS, the Illinois Constitution of 1970 provides that a Home Rule Unit may exercise any power and perform any function pertaining to its government and affairs, including but not limited to the power to regulate for the protection of the public health, safety, morals and welfare; to license, to tax; and to incur debt; and

WHERAS, the Village recently issued an RFP for consulting services for an alternative water source evaluation and the recommended consultant, Baxter and Woodman, included a specialty attorney on their consultant team, Caminer Law, LLC; and

WHEREAS, the nature of this water source evaluation lends itself to a specialty attorney, since there will be specialized legal documents that need to be drafted and reviewed; and

WHEREAS, Caminer Law, LLC has vast experience in government, managing and negotiating water supply agreements, and developing conservation plans through the Illinois Department of Natural Resources; and

WHEREAS, Caminer Law, LLC has agreed to the Guidelines for Attorneys Providing Legal Services for the Village of Oswego, attached as "Exhibit A;" and

WHEREAS, it is in the best interest of the Village of Oswego to appoint Caminer Law, LLC as Special Counsel for the Village of Oswego.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF OSWEGO, KENDALL AND WILL COUNTIES, ILLINOIS, as follows:

SECTION 1. INCORPORATION OF RECITALS

That the recitals set forth above are incorporated here by reference.

SECTION 2. APPOINTMENT OF SPECIAL COUNSEL

The Village President and Village Board of Trustees hereby appoint Caminer Law, LLC as Special Counsel for the Village of Oswego, with Caminer Law, LLC to execute and abide by the terms of the Guidelines for Attorneys Providing Legal Services for the Village of Oswego, attached as "Exhibit A".

SECTION 3. REPEALER

All Resolutions or parts of Resolutions in conflict with any of the provisions of this Resolution shall be, and the same hereby repealed to the extent of the conflict.

SECTION 4. SEVERABILITY

This Resolution and every provision thereof shall be considered severable. If any section, paragraph, clause or provision of this Resolution is declared by a court of law to be invalid or unconstitutional, the invalidity or unconstitutionality thereof shall not affect the validity of any other provisions of this Resolution.

SECTION 5. EFFECTIVE DATE

This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED by the Board of Trustees of the Village of Oswego, Kendall and Will Counties, Illinois this 18th day of August 2020.

JAMES MARTER	AYE	LUIS PEREZ	AYE
TERRY OLSON	AYE	JUDY SOLLINGER	AYE
PAM PARR	AYE	BRIAN THOMAS	AYE

APPROVED by me, Troy Parlier, as President of the Village of Oswego, Kendall and Will Counties, Illinois this 18th day of August 2020.

Troy Parlier

TROY PARLIER, VILLAGE PRESIDENT

Tina Touchette

Tina Touchette, Village Clerk

STATE OF ILLINOIS)
) SS
COUNTY OF KENDALL)

CLERK'S CERTIFICATE
(RESOLUTION)

I, Tina Touchette, the duly qualified and acting Village Clerk of the Village of Oswego, Kendall and Will Counties, Illinois, do hereby certify that I am the keeper of its books and records and that the attached hereto is a true and correct copy of a Resolution entitled:

A RESOLUTION APPOINTING CAMINER LAW, LLC AS SPECIAL COUNSEL TO THE VILLAGE OF OSWEGO

which Resolution was duly adopted by said Board of Trustees at a meeting held on the 18th day of August 2020, and thereafter approved by the Village President on the 18th day of August 2020.

I do further certify, in my official capacity, that a quorum of said Board of Trustees was present at said meeting and that the Board complied with all requirements of the Illinois Open Meetings Act.

IN WITNESS WHEREOF, I have hereunto set my hand this 19th day of August 2020.

Tina Touchette

Tina Touchette, Village Clerk
Village of Oswego

VILLAGE OF OSWEGO CORPORATE (Seal) SEAL KENDALL COUNTY, ILLINOIS

GUIDELINES
FOR ATTORNEYS PROVIDING LEGAL SERVICES
FOR THE VILLAGE OF OSWEGO

The Village of Oswego is committed to retaining competent and professional legal counsel who provide effective and efficient representation. Attorneys are appointed by the Village President with the advice and consent of the Village Board of Trustees and provide legal services to the elected and appointed officials and Village staff of the Village of Oswego. Attorneys serve at the pleasure of the Village President and Board of Trustees and services may be terminated at any time.

I. GENERAL STATEMENT

It is our intention to encourage open and honest communication with our legal team. We expect prompt, professional, quality service provided by a member of your firm possessing the level of expertise necessary to properly discharge a given task. The purpose of these guidelines is to provide a framework wherein we can work together to provide the highest quality standard of representation in a cost-effective manner.

Nothing contained in these guidelines is intended to interfere with the attorney/client relationship or the proper discharge of your duties.

Your firm was selected for representation because of its expertise and ability to handle our legal needs. We respect your independent judgment, and it is our position that the billing requirements contained below are accepted by you, using your independent judgment, when you agree to represent the Village. As such, you agree that specific tasks performed by you and other firm personnel will not be billed to us or will be billed at a special rate regardless of the billing rate of the person who performed the task.

II. EXPECTATIONS AND STANDARDS

Legal consultation will be provided in an accurate, correct, honest, ethical, and professional manner while considering the overall goals and objectives of the Village. In addition, the Attorney is expected to proactively identify potential issues and provide innovative solutions to avoid problems from occurring.

The Attorney shall provide timely responses and is expected to interpret the direction of the Village Board of Trustees and Village Administrator and build effective working relationships with staff and appointed and elected officials. Further, the Attorney is expected to communicate with the Village Administrator and appointed and elected officials as appropriate to apprise them of changes in state and federal laws, new laws, applicable court decisions, and other judicial and administrative rulings that will impact the Village's operations and services.

If at any time you feel that a provision of the guidelines raises a potential conflict with your fiduciary or ethical responsibilities, please bring it to the immediate attention of the Village Administrator.

III. BILLING POLICY

We require an interim billing process to monitor legal fees and expenses. Counsel must submit invoices (fees and expenses) monthly. In unusual or complicated cases, the Village must approve alternative-billing arrangements.

A. Bill Format:

The Village requires that you utilize the following invoice format:

1. The date the identified function was performed;
2. The initials of the billing attorney or paralegal;
3. The agreed-upon hourly rate for the timekeeper providing the service;
4. Specific, accurate time in tenths per hour;
5. A description of the single itemized service. Only itemized fee and expense billings will be accepted for reimbursement (e.g., preparation time should be separated from attendance time at depositions. Travel time should also be separately designated);
6. The Village representative for whom you worked with.

B. Description of Professional Services Rendered:

Generic and general activity descriptors such as the following will not be acceptable without further information:

- Arrangements with _____.
- Conference with _____.
- Discussion with _____.
- Research.
- Review/draft pleadings.
- Prepare correspondence.
- Review case and issues.
- Telephone call.
- Review emails.
- Work on file.
- Legal research.
- Prepare for Meeting
- Update strategy
- Attend deposition.
- Discovery.
- Meeting with _____.
- Motion work.
- Review/draft discovery.
- Receipt of documents.
- Review correspondence.
- Trial preparation.
- Work on the project.
- Work on discovery.
- Attention To Matter.
- Travel

It is essential that each legal activity is identified in the invoice. When billing for telephone conversations and review of emails, accurately describe the parties and purpose of the telephone call and email. All correspondence, pleadings and other documents reviewed must be distinctly identified.

C. Time Charges

The Village requires that 0.10-hour (one-tenth of an hour) be used as the minimum billing charge and billing increment.

The Village requires that the time entered to be the actual time expended on a function, without the time being rounded up, unless stated otherwise in the attorney's retention letter.

The Village will pay no more than 1 hour for travel each way.

The following Hourly Rate Schedule shall apply:

Partner Attorneys:	Max of $200
Associate Attorneys:	Max of $200
Paralegal:	Max of $150
Law Clerk:	Max of $160

IV. PROFESSIONAL SERVICES

A. Secretarial/Clerical/Administrative Functions at Professional Rates:

The Village requires that only professional services be the subject of billing. There are numerous functions which are secretarial, clerical or administrative and which do not involve the participation of legal personnel in their completion, all of which should not be billed.

- Scheduling and arrangements, for meetings, appointments, examinations, court reporters, travel arrangements and the like.
- Routine Notices, Standard Forms or Notice of Motion
- Calendaring.
- Conflict checks.
- Organize and re-organize files (if it does not involve sorting case documents such as individual documents attached to Requests for Production of Documents).
- Indexing file materials (unless professional judgment as to the index categories must be utilized).
- Pick-up and delivery of documents and records.
- Telephone calls and/or correspondence to copy services, record providers, court reporters.
- Provide instruction to providers or vendors and process bills.
- Update lists.
- File, re-file and inventory documents, pull/copy documents.
- Preparation of a record copy service form for employment/medical records.
- Mail Handling
- Billing for telephone call attempts
- Staff Overtime Charges

The Village will not pay for secretarial, clerical or administrative functions performed by attorneys, paralegals or non-professional staff or personnel except in exceptional circumstances

and as approved by the Village Administrator. Time spent preparing invoices or negotiating billing questions is not compensable.

B. Proofreading/Review and Revisions of Work Product:

The Village will reimburse reasonable charges for revising documents. The Village will reimburse for one attorney of the firm to participate in the review and revision of substantial documents.

C. Qualified Professionals:

The Village will only pay professional rates for attorneys, law clerks or qualified paralegals performing proper functions in relation to a particular issue.

Attorney(s) must be licensed to practice law in the State of Illinois and maintain an office in the State of Illinois. The Attorney(s) must have the following education and experience:

1. Graduation from a recognized school of law;
2. Admission to the bar of the State of Illinois and the United States District Court for the Northern District of Illinois, as required for specific work.

If at any time, assigned counsel believes that adherence to the above will deter from effective representation, he/she should consult with the Village Administrator or Village President before deviating from these guidelines.

V. DISBURSEMENTS/EXPENSES

The Village requires an itemized breakdown of actual expenses. All expenses should be billed at cost and should not include mark-ups by the firm. Routine expenses incurred should be paid directly by the law firm and then billed back as disbursements pursuant to our interim billing policy. Exceptional expenses will require advance approval from the Village Administrator and may be forwarded directly to the Village. Such invoices forwarded directly to the Village for payment must include a completed W-9 outlining the vendor's tax ID or social security number.

All expenses must have supporting documentation that will be forwarded with the payment request. The Village will not reimburse any expense unless the description of the expense indicates that it is compensable.

All disbursement items must be fully described. The Village will not accept any "miscellaneous" expense items. All expenses and time charges are subject to our audit.

VI. EQUAL OPPORTUNITY

The Attorney will not discriminate against any employee or applicant for employment because of race, color, religion, sex, ancestry, national origin, place of birth, age or handicap unrelated to bona fide occupational qualifications.

VII. NON-DISCRIMINATION

The Attorney, its employees, agrees not to commit unlawful discrimination and agrees to comply with applicable provisions of the Illinois Human Rights Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each. The Attorney shall have and comply with a sexual harassment policy with appropriate protections of employees and reporting procedures.

VIII. INSURANCE REQUIREMENTS:

The Attorney shall procure and maintain insurance for protection from legal malpractice claims, claims under worker's compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom, alleged to arise from the Attorney's or its officers, agent's, employee's negligence in the performance of services under this arrangement.

The limits of liability for the insurance required by this Subsection shall not be less than the following:

Workmen's Compensation Insurance:	
All Liability imposed by Workmen's Compensation statute	
Legal Malpractice Insurance	$1,000,000
Employer's Liability Insurance	$1,000,000

IX. INDEPENDENT ATTORNEY

There is no employee/employer relationship between the Attorney and the Village. Attorney is an independent attorney and not the Village's employee for all purposes, including, but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the Worker's Compensation Act (820 ILCS 305/1, et *seq.*). The Village will not (i) provide any form of insurance coverage, including but not limited to health, worker's compensation, professional liability insurance, or other employee benefits, or (ii) deduct any taxes or related items from the monies paid to Attorney. The performance of the services described herein shall not be construed as creating any joint employment relationship between the Attorney and the Village, and the Village is not and will not be liable for any obligations incurred by the Attorney, including but not limited to unpaid minimum wages and/or overtime premiums, nor does there exist a partnership between the Village and the Attorney.

X. ASSIGNMENT

Neither the Village nor the Attorney shall assign or transfer any rights or obligations under this arrangement without the prior written consent of the other party.

XI. GOVERNING LAW

This arrangement and the rights of the Village and Attorney under this arrangement shall be interpreted according to the internal laws of the State of Illinois. Venue for any action related to the services provided will be in the Circuit Court of Kendall County, Illinois.

The undersigned attorney, having examined these guidelines, hereby agrees to provide the Village of Oswego with legal services per the guidelines as stated above and to bill in accordance with the guidelines.

Irene Schild Caminer, Caminer Law, LLC
(Printed Name of Attorney or Legal Firm)

2612 W. Sunnyside Ave. Chicago, IL 60625
Address City, State, Zip Code

Irene Schild Caminer
Signature of Authorized Representative

Owner 7/27/2020
Title Date

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Human Resources	☐
Community Development	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #11

Tracking Number

PW 2021-20

Agenda Item Summary Memo

Title: Discussion of Wyland National Mayors Challenge for Conservation

Meeting and Date: City Council – March 23, 2021

Synopsis: Consideration of Support for the Wyland National Mayors Challenge for Conservation

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-20

Type of Vote Required: Approval

Council Action Requested: Majority

Submitted by: Erin Willrett (Name) Administration (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Public Works Committee
From: Erin Willrett, Assistant City Administrator
CC: Bart Olson, City Administrator
Date: March 16, 2021
Subject: Wyland National Mayors Challenge for Conservation

Summary

Continue participation in a national program to challenge the residents to conserve water, energy and other natural resources, in alignment with City Council Goal #5 – Water Planning.

Background

Once again, the Wyland Foundation, in partnership with the National League of Cities and the U.S. Environmental Protection Agency, invited the United City of Yorkville to participate in the 10th annual National Mayor's Challenge for Water Conservation. The commitment from the City to participate is as simple as drafting the statement of support below. There is no cost to the City. There were several items that were sent out to market this program in 2018, 2019 and 2020. Yorkville placed 5th in 2018, in 2019, Yorkville placed 13th and in 2020 Yorkvill eplace 8th in the 5,000-29,999 population category nation-wide!

Residents who are interested in conservation efforts and who would like to accept the challenge can go online (www.mywaterpledge.com) and make a pledge to conserve water, energy, and other natural resources over the next year by selecting from different pledge options. Some options are as easy as wasting less food and recycling. When the resident enters their location, the drop-down menu for pledges will contain our draft statement about water conservation. Our draft statement will read as:

"A sustainable water source for the City's future water supply is a main focus for our community and its residents. Yorkville currently obtains its water from the deep sandstone aquifer, which is being steadily drawn down as it is being pumped beyond its long-term sustainable yield due to increasing water demands and growth of the region. The City is committed to building strong, collaborative relationships regionally for sustainable water use. We hope to partner with our neighboring communities and our actual neighbors to promote water conservation efforts in the home. By taking the water pledge, you can help extend the capacity of the City's water supply."

When a resident goes online to accept the challenge, they will search for "Yorkville, IL", the website will then walk the resident through the process to pledge to make thoughtful conservation choices at home. There are several check boxes that the residents can choose from depending on the changes they are pledging to make. At the end of the "choices" portion of the pledge, an email address is required and the option for the resident to be entered into the prize drawing is made as a check box. After the resident enters their email address the pledge process is complete. Additionally, the website has several informational items for the resident to read through and learn about. City standings in the challenge are on the website and the residents can check back and see how their "choices" positively affect the community. This program is designed to get residents to think about how their choices impact the natural environment and if changes are made, no matter how small, benefits add up quickly. There

is no further commitment and no additional information that is needed from the residents other than those listed above.

The City will also be posting several items on social media and on our website to promote this challenge. The City's main goal by promoting this program is to help residents be aware of the importance of the natural resources that are used on a daily basis and the pressing need to protect those precious resources.

Recommendation

While not a requirement to participate in the program, staff recommends an acknowledgment by the City Council in the attached Resolution for support of the statement above and participation in marketing the program. This initiative aligns with the City Council Goal #5 – Water Planning.

Resolution No. 2021-_____

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, ILLINOIS IN SUPPORT OF THE "WYLAND MAYOR'S CHALLENGE FOR WATER CONSERVATION"

WHEREAS, the United City of Yorkville (the "*City*") is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, the City continue to explore ways to manage residential consumption of water and power, and to inspire its residents to care for our natural resources; and

WHEREAS, cities can engage in efforts to inspire their own communities, as well as their neighboring cities, to become better environmental stewards; and

WHEREAS, the eighth annual National Mayor's Challenge for Water Conservation presented by the Wyland Foundation and Toyota, with support from the U.S EPA WaterSense, The Toro Company, National League of Cities, Conserva Irrigation, and Earth Friendly Products (makers of ECOS), is a healthy, non-profit competition for cleaner communities and a water use and pollution reduction competition between our cities; and

WHEREAS, with the encouragement of their Mayors, residents may register their participation in their city's Challenge, online, by making simple pledges to decrease their water use and to reduce pollution for the period of one year, thereby assisting their cities to apply State and Federal water conservation strategies and to target mandated reductions; and

WHEREAS, from April 1- 30, 2021, the City of Yorkville wishes to inspire its residents and its neighboring communities to take the "Wyland Mayor's Challenge for Water Conservation" by making a series of online pledges at mywaterpledge.com to reduce their impact on the environment and to see immediate savings in their water, trash, and electricity bills;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1: That the City agrees and supports the "Wyland Mayor's Challenge for Water Conservation" emphasis.

Section 2: That the program is to be implemented from April 1- 30, 2021, through a series of communication and outreach strategies, whether new or existing, to encourage Yorkville residents to take the conservation "Challenge."

Section 3: This Resolution shall be in full force and effect upon its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

United City of Yorkville Press Release, March 29, 2021

CONTACT:
Erin Willrett, Assistant City Administrator
630-553-8574
ewillrett@yorkville.il.us

10th National Mayor's Challenge for Water Conservation, April 1 – 30
Yorkville joins nationwide challenge to be most "water wise"

Mayor Purcell is joining mayors across the country in asking residents to make a long-term commitment to manage water resources more wisely by taking part in the annual Wyland National Mayor's Challenge for Water Conservation — In return residents can win $3,000 toward their Home Utility Payments, water saving fixtures, and hundreds of other prizes. Plus, one lucky charity from a winning city will receive a 2021 Toyota Highlander Hybrid to serve the community.

The annual challenge, April 1- 30, is a non-profit national community service campaign to see which leaders can best inspire their residents to make a series of informative and easy-to-do online pledges at mywaterpledge.com to use water more efficiently, reduce pollution, and save energy. "This challenge is a great way for cities large and small to do our part for the planet – and reward our residents for doing the right thing." said Mayor Purcell.

Last year, residents from over 2,000 cities in all 50 U.S. states pledged to reduce their annual consumption of freshwater by over 1 billion gallons, reduce waste sent to landfills by 29 million pounds, and preventing hundreds of thousands of pounds of hazardous waste from entering our watersheds.

To participate, residents enter online at mywaterpledge.com, and then make a series of online pledges to conserve water on behalf of Yorkville, IL. Cities compete in the following population categories: (5,000-29,999 residents, 30,000-99,999 residents, 100,000-299,999 residents, 300,000-599,999 residents, and 600,000+ residents).). Cities with the highest percentage of residents who take the challenge in their population category a chance to win $3,000 toward their Home Utility Bills, and hundreds more eco-friendly prizes including Toro Irrigation Smart Controllers, Gift cards for Hobie Surf Shops, and more. In addition, residents can nominate a deserving charity from their city to receive a 2021 Toyota Highlander Hybrid. Students and teachers are encouraged to take part, as well.

The 10th National Mayor's Challenge for Water Conservation is presented by the Wyland Foundation and Toyota, with support from the U.S EPA WaterSense, The Toro Company, National League of Cities, Hobie Surf and Petal.).

About the Wyland Foundation
Founded in 1993 by environmental artist Wyland (best known for his series of 100 monumental marine life murals), the Wyland Foundation, a 501c3 non-profit organization dedicated to promoting, protecting, and preserving the world's ocean, waterways, and marine life. The foundation encourages environmental awareness through community events, education programs, and public art projects.
www.wylandfoundation.org

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	■
Police	☐
Public Works	■
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #12

Tracking Number

PW 2021-21

Agenda Item Summary Memo

Title: Surplus Disposal Request for Public Works Vehicles and Equipment

Meeting and Date: City Council – March 23, 2021

Synopsis: See Attached Memo

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-21

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Eric Dhuse (Name) Public Works (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
Carri Parker, Purchasing Manager
CC: Bart Olson, Administrator
Date: March 16, 2021
Subject: Surplus Disposal Request for Public Works Vehicles & Equipment

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Summary

Authorizing the Disposal of Surplus Property Owned by the United City of Yorkville.

Background

During the budgeting process, staff evaluates its department fleet based on the Fleet Replacement Policy. Staff uses the Vehicle Replacement Evaluation Form to determine if a vehicle should continue its service within the said department, be repurposed, or be replaced/disposed of. Once the determination is reached to replace or dispose of the vehicle, it is up to the City Council to approve such action.

Below are vehicles and equipment that the Public Works staff has determined needs to be disposed of with a score of 28 or more points based on the Vehicle Replacement Guideline Evaluation Form:

1999 John Deere 4500 with Loader

This tractor has been used for landscaping, loading small trucks, mowing, and misc. tasks. Staff would like to trade-in this loader for the purchase of a new one. Trade-in value is $3,000 (Exhibit A).

2004 F350 Dump Truck, VIN #1FTWF37SX4ED64867, 97,200 miles

This truck has been very serviceable for its 17-year career. It has been used to haul materials, pull trailers with equipment, and plow snow during this time. Between age and use, this truck is worn out. It still starts and runs, but we need something that can perform at a high level without the constant worry of mechanical failure. Per the Fleet Replacement Policy, this vehicle qualifies for replacement with a score of 34 (Exhibit B). The estimated value of this truck is between $4,000-$5,000.

2008 Ford F350 Utility Truck with Plow, Vin #1FDWF37Y08ED57176, 81,054 miles

This vehicle was the utility truck for the Sewer Department then was transferred to the Water Department. This truck has been used to haul trailers, tools, and equipment to job sites along with snow plowing. The box is rusting through to the frame, and the front end needs extensive work. The replacement truck has already been approved and ordered; staff expects delivery

within the next few weeks. Per the Fleet Replacement Policy, this vehicle qualifies for replacement with a score of 31 (Exhibit C). The estimated value of this truck is $4,000-$5,000.

2005 Ford F250 Extended Cab, VIN# 1FTSX21575EC28484, 114,000 miles

This vehicle came from the Engineering Department. in 2010 and has been used in the water department since. It is currently being used as the meter repair truck. This vehicle has significant mechanical and body issues. The replacement truck has already been approved and ordered; staff expects delivery within the next few weeks. Per the Fleet Replacement Policy, this vehicle qualifies for replacement with a score of 36 (Exhibit D). The estimated value of this vehicle is $1,500-$2,500.

2004 Ford F150, VIN# 2FTRX18W04CA79086, 127,191 miles

This vehicle came from the Engineering Department in 2010 and has been in the Water Department since. The vehicle is unreliable with its mechanical issues and is no longer in service. Per the Fleet Replacement Policy, this vehicle qualifies for replacement with a score of 35 (Exhibit E). The estimated value of this truck is between $1,500 - $2,500.

2000 GMC Safari Van, VIN# 1GKDM19W8YB540252, unknown miles

This van came from the Recreation Division when they were done with it. We took it to use for the meter readers, and for a short time, we tried using it for meter installation. This vehicle's mechanical repairs are more than the value of the vehicle. Per the Fleet Replacement Policy, this vehicle qualifies for replacement with a score of 35 (Exhibit F). The estimated value of this vehicle is $1,000.

Recommendation

The staff recommendation is to dispose of said items listed above per the City Procurement Code upon approval of the surplus disposal.

Attachments

- Resolution
- Exhibit A – Tractor/loader Trade-In Value
- Exhibit B - Vehicle Replacement Evaluation Form – 2004 F350 Dump Truck
- Exhibit C - Vehicle Replacement Evaluation Form – 2008 Ford F350 Utility Truck with Plow
- Exhibit D - Vehicle Replacement Evaluation Form – 2005 Ford F250 Extended Cab
- Exhibit E - Vehicle Replacement Evaluation Form – 2004 Ford F150
- Exhibit F - Vehicle Replacement Evaluation Form – 2000 GMC Safari Van

Resolution No. 2021-___

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, ILLINOIS, AUTHORIZING THE DISPOSAL OF PERSONAL PROPERTY OWNED BY THE CITY

(*City Owned Vehicles*)

WHEREAS, the United City of Yorkville (the "*City*") is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, in the opinion of a majority of the Mayor and City Council (the "Corporate Authorities") of the United City of Yorkville it is no longer necessary, useful to or in the best interests of the United City of Yorkville to retain ownership of the personal property hereinafter described; and,

WHEREAS, 1999 John Deere 4500 with Loader, 2004 F350 Dump Truck, VIN, #1FTWF37SX4ED64867, 2008 Ford F350 Utility Truck with Plow, Vin #1FDWF37Y08ED57176, 2005 Ford F250 Extended Cab, VIN# 1FTSX21575EC28484, 2004 Ford F150, VIN# 2FTRX18W04CA79086, 2000 GMC Safari Van, VIN# 1GKDM19W8YB540252 have been found to have serious mechanical issues which would mandate costly repairs and therefore should be disposed of; and

WHEREAS, it has further been determined that the disposal should be made in any manner deemed to be in the best interest of the City.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois:

Section 1: The foregoing recitals are hereby incorporated in this Resolution as findings of the Corporate Authorities.

Section 2: Pursuant to said Section 11-76-4 of the Illinois Municipal Code (65 ILCS 5/11-76-4), the City Administrator is hereby authorized and directed to proceed with the disposal of the vehicles through a public auction as deemed to be in the best interest of the City, disclaiming all warranties and representations of any kind or nature, whether oral or written, express or implied.

Section 3: That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

Attest:

_____

CITY CLERK

JOHN DEERE

AHW
Tomorrow's Solutions Today

Trade-in

Quote Id: 23383293 **Customer Name:** YORKVILLE

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580;
DUNS#: 60-7690989

1999 JOHN DEERE 4500

SN# LV4500P253566

Machine Details

Description		Net Trade Value
1999 JOHN DEERE 4500		$ 3,000.00
SN# LV4500P253566		
Your Trade In Description		
Additional Options		
Hour Meter Reading	4213	
Total		$ 3,000.00

Vehicle #	Y19	**Year**	2004
Make	FORD	**Model**	F350 DUMP
Miles	90,000	**Hours**	
Original $	36,000.00	**(date)**	5/1/04
Budgeted Replacement $	$36,000.00		
Sale /Auction / Estimated Trade-in $	$5,000.00		
Life Expectancy	10		
Type of Service	4		
Division	STREETS		

United City of Yorkville

Vehicle Replacement Guideline Evaluation Form

Replacement Point Range:		
Under 18 points	Condition I	Excellent
18 - 22 points	Condition II	Good
23 - 27 points	Condition III	Qualifies for replacement
28+ points	Condition IV	High priority replacement






FACTOR	POINTS	DESCRIPTION	VEHICLE SCORE
AGE	1	Each year of chronological age	15
MILES / HOURS	1	Each 10,000 miles of usage	9
	1	Each 700 hours of usage (priority over miles on heavy duty and off-road equipment)	
TYPE OF SERVICE	1	Standard sedans and light pickups	4
	2	Standard vehicles with the occasional off-road usage	
	3	Vehicles that pull trailers, haul heavy loads, has continued off-road usage, and police	
	4	Any vehicle involved in snow removal	
	5	Police emergency response vehicles	
RELIABILITY (PM work is not included)	1	In shop one time within a three month time period, no major breakdowns or road calls	1
	2	In shop one time within a three month time period, 1 breakdown or road call within a three	
	3	In shop more than twice within a one month time period, no major breakdown or road call	
	4	In shop more than once within one month time period, two or more breakdowns/road calls within	
	5	In shop more than twice monthly, two or more breakdowns within one month time period	
MAINTENANCE AND REPAIR COSTS (Accident Repairs not included)	1	Maintenance costs (cumulative total) are ≤ 10% of purchase cost	2
	2	Maintenance costs (cumulative total) are ≤ 25% of purchase cost	
	3	Maintenance costs (cumulative total) are ≤ 45% of purchase cost	
	4	Maintenance costs (cumulative total) are ≤ 60% of purchase cost	
	5	Maintenance costs (cumulative total) are ≥ 61% of purchase cost	
CONDITION	1	Good drive train and minor body imperfections (road chips, scratches)	3
	2	Imperfections in body & paint, paint fading & dents, interior fair (no rips, tears, burns), and a	
	3	Noticeable imperfections in body and paint surface, some minor rust, minor damage from add-on	
	4	Previous accident damage, poor paint and body condition, rust (holes), bad interior (tears, rips,	
	5	Previous accident damage, poor paint, bad interior, drive train that is damaged or inoperative,	
		TOTAL	**34**

Vehicle #	Y4	**Year**	2008
Make	FORD	**Model**	F350 UTILITY
Miles	81,054	**Hours**	5,182
Original $	45,000.00	**(date)**	5/1/08
Budgeted Replacement $	$65,000.00		
/Auction / Estimated Trade-in $	$7,000.00		
Life Expectancy	10		
Type of Service	4		
Division	SEWER AND WATER		

United City of Yorkville

Vehicle Replacement Guideline Evaluation Form

Replacement Point Range:		
Under 18 points	Condition I	Excellent
18 - 22 points	Condition II	Good
23 - 27 points	Condition III	Qualifies for replacement
28+ points	Condition IV	High priority replacement



FACTOR	POINTS	DESCRIPTION	VEHICLE SCORE
AGE	1	Each year of chronological age	13
MILES / HOURS	1	Each 10,000 miles of usage	8
	1	Each 700 hours of usage (priority over miles on heavy duty and off-road equipment)	
TYPE OF SERVICE	1	Standard sedans and light pickups	4
	2	Standard vehicles with the occasional off-road usage	
	3	Vehicles that pull trailers, haul heavy loads, has continued off-road usage, and police	
	4	Any vehicle involved in snow removal	
	5	Police emergency response vehicles	
RELIABILITY (PM work is not included)	1	In shop one time within a three month time period, no major breakdowns or road calls	1
	2	In shop one time within a three month time period, 1 breakdown or road call within a	
	3	In shop more than twice within a one month time period, no major breakdown or road call	
	4	In shop more than once within one month time period, two or more breakdowns/road calls	
	5	In shop more than twice monthly, two or more breakdowns within one month time period	
MAINTENANCE AND REPAIR COSTS (Accident Repairs not included)	1	Maintenance costs (cumulative total) are ≤ 10% of purchase cost	1
	2	Maintenance costs (cumulative total) are ≤ 25% of purchase cost	
	3	Maintenance costs (cumulative total) are ≤ 45% of purchase cost	
	4	Maintenance costs (cumulative total) are ≤ 60% of purchase cost	
	5	Maintenance costs (cumulative total) are ≥ 61% of purchase cost	
CONDITION	1	Good drive train and minor body imperfections (road chips, scratches)	4
	2	Imperfections in body & paint, paint fading & dents, interior fair (no rips, tears, burns),	
	3	Noticeable imperfections in body and paint surface, some minor rust, minor damage from	
	4	Previous accident damage, poor paint and body condition, rust (holes), bad interior (tears,	
	5	Previous accident damage, poor paint, bad interior, drive train that is damaged or	
		TOTAL	**31**

Vehicle #	Y30	**Year**	2005	**United City of Yorkville**		
Make	FORD	**Model**	F250			
Miles	114,000	**Hours**	5,705	**Vehicle Replacement Guideline Evaluation Form**		
Original $	22,000.00	**(date)**	5/1/05			
Budgeted Replacement $	$55,000.00			**Replacement Point Range:**		
/Auction / Estimated Trade-in $	$1,000.00			Under 18 points	Condition I	Excellent
Life Expectancy	10			18 - 22 points	Condition II	Good
Type of Service	4			23 - 27 points	Condition III	Qualifies for replacement
Division	WATER			28+ points	Condition IV	High priority replacement






FACTOR	POINTS	DESCRIPTION	VEHICLE SCORE
AGE	1	Each year of chronological age	16
MILES / HOURS	1	Each 10,000 miles of usage	11
	1	Each 700 hours of usage (priority over miles on heavy duty and off-road equipment)	
TYPE OF SERVICE	1	Standard sedans and light pickups	4
	2	Standard vehicles with the occasional off-road usage	
	3	Vehicles that pull trailers, haul heavy loads, has continued off-road usage, and police	
	4	Any vehicle involved in snow removal	
	5	Police emergency response vehicles	
RELIABILITY (PM work is not included)	1	In shop one time within a three month time period, no major breakdowns or road calls	1
	2	In shop one time within a three month time period, 1 breakdown or road call within a	
	3	In shop more than twice within a one month time period, no major breakdown or road	
	4	In shop more than once within one month time period, two or more breakdowns/road	
	5	In shop more than twice monthly, two or more breakdowns within one month time	
MAINTENANCE AND REPAIR COSTS (Accident Repairs not included)	1	Maintenance costs (cumulative total) are ≤ 10% of purchase cost	1
	2	Maintenance costs (cumulative total) are ≤ 25% of purchase cost	
	3	Maintenance costs (cumulative total) are ≤ 45% of purchase cost	
	4	Maintenance costs (cumulative total) are ≤ 60% of purchase cost	
	5	Maintenance costs (cumulative total) are ≥ 61% of purchase cost	
CONDITION	1	Good drive train and minor body imperfections (road chips, scratches)	3
	2	Imperfections in body & paint, paint fading & dents, interior fair (no rips, tears, burns),	
	3	Noticeable imperfections in body and paint surface, some minor rust, minor damage	
	4	Previous accident damage, poor paint and body condition, rust (holes), bad interior	
	5	Previous accident damage, poor paint, bad interior, drive train that is damaged or	
		TOTAL	36

Vehicle #	Y29	**Year**	2004
Make	FORD	**Model**	F150 4X4
Miles	127,191	**Hours**	
Original $		**(date)**	
Budgeted Replacement $	$36,000.00		
/Auction / Estimated Trade-in $	$2,000.00		
Life Expectancy	10		
Type of Service	2		
Division	WATER		

United City of Yorkville

Vehicle Replacement Guideline Evaluation Form

Replacement Point Range:

Under 18 points	Condition I	Excellent
18 - 22 points	Condition II	Good
23 - 27 points	Condition III	Qualifies for replacement
28+ points	Condition IV	High priority replacement






FACTOR	POINTS	DESCRIPTION	VEHICLE SCORE
AGE	1	Each year of chronological age	15
MILES / HOURS	1	Each 10,000 miles of usage	12
	1	Each 700 hours of usage (priority over miles on heavy duty and off-road equipment)	
TYPE OF SERVICE	1	Standard sedans and light pickups	2
	2	Standard vehicles with the occasional off-road usage	
	3	Vehicles that pull trailers, haul heavy loads, has continued off-road usage, and police	
	4	Any vehicle involved in snow removal	
	5	Police emergency response vehicles	
RELIABILITY (PM work is not included)	1	In shop one time within a three month time period, no major breakdowns or road calls	1
	2	In shop one time within a three month time period, 1 breakdown or road call within a	
	3	In shop more than twice within a one month time period, no major breakdown or road	
	4	In shop more than once within one month time period, two or more breakdowns/road	
	5	In shop more than twice monthly, two or more breakdowns within one month time	
MAINTENANCE AND REPAIR COSTS (Accident Repairs not included)	1	Maintenance costs (cumulative total) are ≤ 10% of purchase cost	2
	2	Maintenance costs (cumulative total) are ≤ 25% of purchase cost	
	3	Maintenance costs (cumulative total) are ≤ 45% of purchase cost	
	4	Maintenance costs (cumulative total) are ≤ 60% of purchase cost	
	5	Maintenance costs (cumulative total) are ≥ 61% of purchase cost	
CONDITION	1	Good drive train and minor body imperfections (road chips, scratches)	3
	2	Imperfections in body & paint, paint fading & dents, interior fair (no rips, tears, burns),	
	3	Noticeable imperfections in body and paint surface, some minor rust, minor damage	
	4	Previous accident damage, poor paint and body condition, rust (holes), bad interior	
	5	Previous accident damage, poor paint, bad interior, drive train that is damaged or	
		TOTAL	**35**

Vehicle #	32	**Year**	2000	**United City of Yorkville**		
Make	GMC	**Model**	Safari Van			
Miles		**Hours**		**Vehicle Replacement Guideline Evaluation Form**		
Original $		**(date)**				
Budgeted Replacement $	$0.00			**Replacement Point Range:**		
ale /Auction / Estimated Trade-in $	$500.00			Under 18 points	Condition I	Excellent
Life Expectancy	10			18 - 22 points	Condition II	Good
Type of Service	misc.			23 - 27 points	Condition III	Qualifies for replacement
Division	water			28+ points	Condition IV	High priority replacement

FACTOR	POINTS	DESCRIPTION	VEHICLE SCORE
AGE	1	Each year of chronological age	21
MILES / HOURS	1	Each 10,000 miles of usage	7
	1	Each 700 hours of usage (priority over miles on heavy duty and off-road equipment)	
TYPE OF SERVICE	1	Standard sedans and light pickups	1
	2	Standard vehicles with the occasional off-road usage	
	3	Vehicles that pull trailers, haul heavy loads, has continued off-road usage, and police	
	4	Any vehicle involved in snow removal	
	5	Police emergency response vehicles	
RELIABILITY (PM work is not included)	1	In shop one time within a three month time period, no major breakdowns or road calls	1
	2	In shop one time within a three month time period, 1 breakdown or road call within a	
	3	In shop more than twice within a one month time period, no major breakdown or road	
	4	In shop more than once within one month time period, two or more breakdowns/road	
	5	In shop more than twice monthly, two or more breakdowns within one month time	
MAINTENANCE AND REPAIR COSTS (Accident Repairs not included)	1	Maintenance costs (cumulative total) are ≤ 10% of purchase cost	2
	2	Maintenance costs (cumulative total) are ≤ 25% of purchase cost	
	3	Maintenance costs (cumulative total) are ≤ 45% of purchase cost	
	4	Maintenance costs (cumulative total) are ≤ 60% of purchase cost	
	5	Maintenance costs (cumulative total) are ≥ 61% of purchase cost	
CONDITION	1	Good drive train and minor body imperfections (road chips, scratches)	3
	2	Imperfections in body & paint, paint fading & dents, interior fair (no rips, tears, burns),	
	3	Noticeable imperfections in body and paint surface, some minor rust, minor damage	
	4	Previous accident damage, poor paint and body condition, rust (holes), bad interior	
	5	Previous accident damage, poor paint, bad interior, drive train that is damaged or	
		TOTAL	**35**

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	■
Police	☐
Public Works	■
Parks and Recreation	☐

Agenda Item Number

Public Works Committee #13

Tracking Number

PW 2021-22

Agenda Item Summary Memo

Title: FY2021 Public Works Vehicle and Equipment Purchase Discussion

Meeting and Date: City Council – March 23, 2021

Synopsis: See attached memo

Council Action Previously Taken:

Date of Action: PW 03-16-21 Action Taken: Moved forward to City Council agenda.

Item Number: PW 2021-22

Type of Vote Required: Approval

Council Action Requested: Majority

Submitted by: Eric Dhuse (Name) Public Works (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 18, 2021
Subject: Public Works vehicle purchases

Summary

Consideration of a vote to authorize the purchase of a John Deere 4066R with loader from AHW, LLC of of Elburn, IL in the amount of $44,414.47, Peterbilt 348 chassis from JX truck Center, Rockford, IL in the amount of $93,533.00, outfitting of aforementioned truck with all equipment as described in Quote number 210326 from Lindco Equipment Sales of Merrillville, IN in the amount of $113,063. All of these purchases are completed through the Sourcewell joint purchasing cooperative.

Background

The City Council last discussed the concept of a group of Public Works vehicle and equipment purchases at the March 9th meeting, during the FY 21 budget amendment discussion. Since that meeting, Director Dhuse has compiled a list of quotes from joint cooperative purchasing vendors (Sourcewell) and state bidding contracts. Some of the Sourcewell quotes are final and ready to be authorized by City Council, including:

1) The John Deere 4066R with loader from AHW of Elburn for $44,414.47. This is a Sourcewell joint purchasing vendor. This tractor and expenditure is going to be covered with unspent funds in the FY 21 budget, and does not require a City Council budget amendment.

2) Peterbilt 348 chassis from JX Truck Center in Rockford, in the amount of $93,533. This is a Sourcewell joint purchasing vendor. This truck is going to be covered with FY 22 budget funds, so the vote to proceed with this truck will allow us to start the delivery timetable with the vendor immediately, and allows us to place a deposit immediately. The truck delivery and actual use of the funds will occur in FY 22 and are contingent upon the City Council approval of the FY 22 budget.

3) Truck accessories and equipment for #2 above, in the amount of $113,063 from Lindco Equipment Sales of Merrillville, Indiana. This is a Sourcewell joint purchasing vendor. This equipment is going to be used on the Peterbilt 348 truck listed above. The vote to approve this purchase will allow us to start the delivery timetable with the vendor immediately, and allows us to place a deposit immediately. The truck delivery and actual use of the funds will occur in FY 22 and are contingent upon the City Council approval of the FY 22 budget.

These three purchases are the only purchases ready to be voted on by City Council. There is a more complete list of Public Works vehicles and equipment for a total of $680,000 that was reviewed by Public Works Committee at the March meeting. This list and the associated Sourcewell and state bid quotes are provided as an informational item only; the materials for actual approval of these items is still being compiled and are dependent on a changeover of the state bidding contracts for some of these items which is expected to occur in April.

Recommendation

Staff recommends approval of the John Deere 4066R with loader from AHW, LLC of of Elburn, IL in the amount of $44,414.47, Peterbilt 348 chassis from JX truck Center, Rockford, IL in the amount of $93,533.00, outfitting of aforementioned truck with all equipment as described in Quote number 210326 from Lindco Equipment Sales of Merrillville, IN in the amount of $113,063. Because these purchases are through a joint purchasing entity, simply majority votes are required.

JOHN DEERE

AHW
Tomorrow's Solutions Today

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

Quote Summary

Prepared For:
Yorkville
Eric Dhuse
800 GAME FARM RD
YORKVILLE, IL 60560
Business: 630-553-4370

Delivering Dealer:
AHW LLC
George Ohara
559 South Main
Elburn, IL 60119
Phone: 630-365-6020

Quote ID: 23383293
Created On: 28 December 2020
Last Modified On: 28 December 2020
Expiration Date: 29 January 2021

Equipment Summary	Suggested List	Selling Price		Qty		Extended
JOHN DEERE 4066R Compact Utility Tractor (52 PTO hp)	$ 50,661.10	$ 41,542.11	X	1	=	$ 41,542.11
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)						
Price Effective Date: December 24, 2020						
Frontier AF11E - 6 Ft. Boom Mounted Front Blade with Manual Angle for Current 300/400/500 Series Carrier	$ 3,448.00	$ 2,872.36	X	1	=	$ 2,872.36
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)						
Price Effective Date: December 24, 2020						
Equipment Total						**$ 44,414.47**

Trade In Summary	Qty	Each	Extended
1999 JOHN DEERE 4500 - LV4500P253566	1	$ 3,000.00	$ 3,000.00
PayOff			$ 0.00
Total Trade Allowance			$ 3,000.00
Trade In Total			**$ 3,000.00**

* Includes Fees and Non-contract items

Quote Summary

Equipment Total	$ 44,414.47
Trade In	$ (3,000.00)

Salesperson : X _____ **Accepted By : X** _____

JOHN DEERE

AHW
Tomorrow's Solutions Today

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

SubTotal	**$ 41,414.47**
Est. Service Agreement Tax	$ 0.00
Total	$ 41,414.47
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	**$ 41,414.47**

Salesperson : X _____ **Accepted By : X** _____

JOHN DEERE

AHW
Tomorrow's Solutions Today

Selling Equipment

Quote Id: 23383293 **Customer Name:** YORKVILLE

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

JOHN DEERE 4066R Compact Utility Tractor (52 PTO hp)

Hours:
Stock Number:
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)
Price Effective Date: December 24, 2020

Suggested List *
$ 50,661.10
Selling Price *
$ 41,542.11

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
0389LV	4066R Compact Utility Tractor (52 PTO hp)	1	$ 42,657.00	18.00	$ 7,678.26	$ 34,978.74	$ 34,978.74
	Standard Options - Per Unit						
0202	United States	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
0409	English Operator's Manual and Decal Kit	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
1520	eHydro™	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
1701	Factory Installed Loader with Bucket	1	$ 7,235.00	18.00	$ 1,302.30	$ 5,932.70	$ 5,932.70
2005	Open Station with Deluxe Seat	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
2650	Less Radio	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
4061	Less iMatch™ Quick Hitch Category 1	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
5090	Less Wheel Spacer	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
5243	44x18-20 (4PR, R3 Turf, 1 Position)	1	$ -497.00	18.00	$ -89.46	$ -407.54	$ -407.54
6243	27x10.50-15 (4PR, R3 Turf, 2 Position)	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
	Standard Options Total		**$ 6,738.00**		**$ 1,212.84**	**$ 5,525.16**	**$ 5,525.16**
	Dealer Attachments/Non-Contract/Open Market						
BLV10844	Tractor Drawbar Assembly	1	$ 300.30	18.00	$ 54.05	$ 246.25	$ 246.25
BLV10050	4th and 5th Selective Control Valve Kit (OOS Only)	1	$ 965.80	18.00	$ 173.84	$ 791.96	$ 791.96
	Dealer Attachments Total		**$ 1,266.10**		**$ 227.90**	**$ 1,038.21**	**$ 1,038.21**
	Value Added Services Total		**$ 0.00**			**$ 0.00**	**$ 0.00**

JOHN DEERE

AHW
Tomorrow's Solutions Today

Trade-in

Quote Id: 23383293 **Customer Name:** YORKVILLE

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580;
DUNS#: 60-7690989

1999 JOHN DEERE 4500 SN# LV4500P253566 Machine Details		
Description		**Net Trade Value**
1999 JOHN DEERE 4500		$ 3,000.00
SN# LV4500P253566		
Your Trade In Description		
Additional Options		
Hour Meter Reading	4213	
Total		$ 3,000.00

4260 Linden Road, Rockford, IL 61109

Peterbilt Motors Company
Contract #081-716-PMC

Date: March 5, 2021

To: United City of Yorkville
Attn: John Sleezer
610 Tower Lane
Yorkville, IL 60560

Dear John,

JX Truck Center - is pleased to present the following proposal for
(1) New 2022 Peterbilt 348 single axle cab & chassis with the attached specifications:

Peterbilt 348 stock chassis List Price:	$143,897
Sourcewell Discount:	35.00%
Sourcewell Chassis Price:	$93,533
Total Chassis Price:	$93,533

Sourced Goods:	
PX9 Engine (5yr/100k) Ext Warranty:	$1,450.00
PX9 Aftertreatment (5yr/100k) Ext Warranty:	$740.00
Allison (5yr total, 3 year standard) Ext Warranty	$482.00
Pre-delivery inspection/Fuel/Def/undeck:	$495.00
Detailing/Delivery:	$475.00
IL Doc Fee:	$300.00
IL Title and Municipal Plate	$158.00
Total Sourced Goods:	$4,100.00 (total dealer items)

Proposal Total: $97,633.00 (Chassis to be paid on delivery to dealer from Peterbilt Motors)

Sincerely,

Connie Swenson

Connie Swenson | Sales Executive
JX Enterprises, Inc
Cell: (815) 222-5786
cswenson@jxe.com | ***Your Partner for the Long Haul,***

7016.596

Peterbilt II-Rockford (R120)
4260 Linden Road
Rockford, Illinois 61109

United City of Yorkville
610 Tower Ln
Yorkville, Illinois 60560
United States of America

Connie Swenson
Cell Phone: NULL
Office Phone: (815)874-3433
Email: cswenson@jxe.com

John Sleezer

Vehicle Summary

Unit	
Model:	Model 348
Type:	Full Truck
Description 1:	SA Plow
Description 2:	Ref 709097
Application	
Intended Serv.:	Snowplow
Commodity:	Other Commodity
Body	
Type:	End Dump
Length (ft):	16
Height (ft):	10.5
Max Laden Weight (lbs):	1000
Trailer	
No. of Trailer Axles:	0
Type:	
Length (ft):	0
Height (ft):	0
Kingpin Inset (in):	0
Corner Radius (in):	0
Restrictions	
Length (ft):	40
Width (in):	102
Height (ft):	13.5

Chassis	
Fr Axle Load (lbs):	20000
Rr Axle Load (lbs):	23000
G.C.W. (lbs):	60000
Road Conditions:	
Class A (Highway)	90
Class B (Hwy/Mtn)	10
Class C (Off-Hwy)	0
Class D (Off-Road)	0
Maximum Grade:	6
Wheelbase (in):	175
Overhang (in):	45.8
Fr Axle to BOC (in):	69.8
Cab to Axle (in):	105.2
Cab to EOF (in):	151
Overall Comb. Length (in):	259
Special Req.	

Approved by: _____ **Date:** _____

Note: All sales are F.O.B. designated plant of manufacture.

Price Level: July 1, 2020
Deal: SA Plow
Printed On: 3/5/2021 8:18:22 AM

Date: March 05, 2021
Quote Number: QUO-788606-M2J7X9

Sales Code	Std/ Opt	Description	$ List	Weight
Base Model				
0003481	S	**Model 348** The Model 348 was designed to exceed the rigid demands of Class 7 and Class 8 specialty application markets that require rugged durability and a wide range of optional content. The Model 348 represents a multi-dimensional performer with a GVW from 33,000 to 66,000 lbs. and optional capacity ratings to suit almost any vocation. The 348 is also available in a specifically designed all-wheel-drive configuration. From construction and crane service to utility and delivery services in both Class 7 and Class 8 markets, the 348 is in a class by itself.	108,550	**10,610**
0091200	S	**Other Commodity**	0	**0**
0093150	O	**Snowplow** Truck which is configured for mounting a snowplow to the front.May also have dump or other body.	0	**0**
0095170	O	**End Dump**	0	**0**
0098170	S	**United States Registry** Canadian Registry PackageRequires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0	**0**
Configuration				
0200700	S	**Not Applicable** Secondary Manufacturer	0	**0**
Frame & Equipment				
0519180	O	**11-5/8" Steel Rails to 444"** 11.625 x 3.874 x .375 Dimension, 2,568,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 21.4 cubic inches. Weight: 1.91 lbs/inch pair	1,162	**416**
0611330	O	**Zinc Coated Anti Corrosion Treated Frame Rails** Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	348	**0**
0612230	O	**Custom Wheelbase or Overhang** Engineering approval may be required.	365	**0**
0613090	S	**Three-Piece Crossmembers**	0	**0**
0620530	O	**FEPTO Provision 27.8in Bumper Extension** Includes Crankshaft Adapter Plate and Stationary Grille. Requires FEPTO Bumper.	1,421	**86**
0644090	S	**EOF Square without Crossmember** End-of-frame square without crossmember. For use with body builder installed crossmember.	0	**0**
0651090	S	**Omit Rear Mudflaps and Hangers**	0	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
Front Axle & Equipment				
1011890	O	**PACCAR Steer Axle 20,000 lbs. 4" Drop** Axle is designed for applications with a gross axle weight rating (GAWR) of 20,000 pounds. Front axle is designed for demanding applications such as construction, heavy haul, refuse, and other vocational uses. Robust forged steel beam construction for long-lasting performance. It utilizes innovative tapered kingpin roller bearings for more efficient operation and improved steering efficiency. The PACCAR Steer Axle comes standard with the PACCAR warranty of 5 years, 750,000 miles.	1,632	**170**
1114030	O	**Taper Leaf Springs, Shocks 20,000 lb** Standard with Heavy Resistance Shocks.	1,328	**119**
1233110	O	**Power Steering TRW THP60 Dual** For use with 16,000 to 20,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	939	**54**
1250250	O	**Power Steering Reservoir Frame Mounted w/Cooler** A power steering cooler helps reduce the heat of the power steering fluid. This is commonly used with systems that may experience more stress from towing or off-road driving.	254	**2**
1354845	S	**PHP10 Iron PreSet Hubs**	0	**0**
1380280	O	**Bendix Air Cam Front Drum Brakes 16.5x7** For use with 16,000 lbs to 23,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	230	**10**
1380490	O	**PACCAR Wide Track IPO Standard** 71in KPI IPO 69in front axle for improved turning radius.	0	**15**
1391410	S	**Gusseted Cam Brackets, Steer Axle**	0	**0**
1392970	O	**Heavy Duty Cam Bushings, Steer Axle**	26	**0**
Rear Axle & Equipment				
1513180	O	**Dana Spicer S23-190 23,000 lb** Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-226	**94**
1616290	O	**PHP10 Aluminum PreSet PLUS Hubs**	380	**0**
1660000	O	**Dust Shields For Cam Brakes, Drive Axle(s)**	28	**15**
1680490	O	**Gusseted Cam Brackets, Drive Axle(s)**	24	**2**

Sales Code	Std/ Opt	Description	$ List	Weight
1680500	S	**SBM Valve** Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	**0**
1680550	O	**Upsize Parking Brakes**	126	**0**
1680795	O	**Diff Lock, Single Drive Axle with Speed Interlock**	874	**30**
1680950	S	**Stability System Not Selected Or Not Available**	0	**0**
1682430	S	**Anti-Lock Braking System (ABS) 4S4M** ABS-6. Includes air braking system.	0	**0**
1684200	S	**Synthetic Axle Lubricant All Axles** Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	**0**
1686348	S	**Single Drive Axle (Model 348)**	0	**0**
1687010	S	**Bendix Air Cam Rear Drum Brakes 16.5x7** Bendix Air Cam Rear Drum Brakes to fit all heavy haul, contruction, refuse and highway truck and tractor applications. Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.	0	**0**
1705570	O	**Ratio 5.57 Rear Axle**	0	**0**
1811210	S	**Peterbilt Air Trac 23,000 lb Light Weight**	0	**0**
1920385	O	**Air Springs, Internal Bumpers** Air Trac / Air Leaf suspensions	52	**0**
1922260	O	**Dash Mtd Dump Switch with Indicator Light** Dash mounted dump switch with indicator light for suspension.	35	**2**

Engine & Equipment

2074407	O	**PACCAR PX-9 330@2000 GOV@2200 1000@1200** Productivity (2021 Emissions) N21350 C121 64....Maximum Accelerator Pedal Ve N21370 C128 64....Maximum Cruise Speed (P059) N21460 C132 1400..Max PTO Speed (P046) N21520 C133 5.....Timer Setting (P030) N21610 C188 39....Low Ambient Temperature Thre N21630 C190 80....High Ambient Temperature Thr N21510 C225 YES...Enable Idle Shutdown Park Br N21450 C231 NO....Gear Down Protection (P026) N21570 C233 NO....Idle Shutdown Manual Overrul	3,420	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
		N21440 C234 NO....Engine Protection Shutdown (N21480 C238 NO....Auto Engine Brake in Cruise N21470 C239 NO....Cruise Control Auto Resume (N21590 C382 YES...Enable Hot Ambient Automatic N21530 C396 YES...Enable Impending Shutdown Wa N21540 C397 60....Timer For Impending Shutdown N21620 C189 60....Intermediate Ambient Tempera N21550 C206 35....Engine Load Threshold (P516) N21340 C209 120...Hard Maximum Speed Limit (P1 N21430 C333 0.....Reserve Speed Limit Offset (N21410 C334 0.....Maximum Cycle Distance (N202 N21500 C395 0.....Expiration Distance (N209) N21320 C399 120...Standard Maximum Speed Limit N21400 C400 252...Reserve Speed Function Reset N21420 C401 10....Maximum Active Distance (N20 N21330 C402 0.....Expiration Distance (N207)		
2091305	O	**Engine Idle Shutdown Timer Enabled**	0	**0**
2091315	O	**Enable EIST Ambient Temp Overrule**	0	**0**
2091372		**Eff EIST NA Expiration Miles**	0	**0**
2091640		**Effective VSL Setting NA**	0	**0**
2092014	O	**Typical Operating Speed 65 MPH**	0	**0**
2092032	O	**Powertrain Optimized for Performance** Best analysis for vehicles used in vocational applications or with heavy GCWRs.	0	**0**
2140010	O	**Belly Pan**	137	**35**
2140200	S	**CARB Engine Idling Compliance** PACCAR PX-7, PX-9 and MX, Cummins X15 and ISX diesel engines will include the required factory installed serialized sticker on the drivers door to identify them as meeting the NOx idling standard.	0	**0**
2513060	S	**PACCAR 160 Amp Alternator, Brushed** PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0	**0**
2521090	O	**Immersion Type Block Heater 110-120V** Standard location for 2.1M and 1.9M models is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	86	**2**
2522110	S	**PACCAR 12V Starter, N/A PACCAR MX Engines** PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0	**0**
2538040	O	**3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA**	261	**62**

Sales Code	Std/ Opt	Description	$ List	Weight
		Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.		
2539410	O	**Battery Jumper Terminal Mounted Under Hood** LH Frame Rail. Not available with PX-7 engines.	99	**4**
2539740	O	**Kissling Battery Disconnect Switch, 300 amp** Mounted on battery box	216	**3**
2621000	O	**2-Speed Fan Clutch For Frequent Start/Stops** A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	374	**0**
2723210	S	**18.7 CFM Air Compressor** N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	**0**
2812210	O	**VGT Exhaust Brake** (Variable Geometry Turbo). Provides approximately 90-100 HP of retardation and is part of the turbocharger.	65	**0**
2921160	S	**Spin-On Fuel/Water Separator**	0	**0**
2921210	S	**No Fluid Heat Option for Fuel Filter**	0	**0**
2921320	O	**12V Heat for Fuel Filter** Fuel filter heaters help ensure a seamless flow of diesel from the tank to the combustion chamber. Eliminating any possiblity of moisture freezing within the fuel filter while simultaneously increasing the fuel temperature for atomization within the engine.	58	**0**
3010400	O	**Engine Protection Shutdown w/ Label** Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	4	**0**
3114270	S	**High Efficiency Cooling System** Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0	**0**
3211120	S	**Radial Seal, Dry Type Air Cleaner, Frontal** Air Intake. Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	**0**
3365270	O	**Exhaust Single RH Side of Cab** DPF/SCR right-hand Under Cab.	405	**29**
3381770	O	**Curved Tip Standpipe(s)**	42	**0**
3387610	O	**18" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)**	453	**-2**

Sales Code	Std/ Opt	Description	$ List	Weight
Transmission & Equipment				
4052110	O	**Allison 3000 RDS-P Transmission, Gen 5** Rugged Duty Series. Includes Rear Transmission Support except on MX engines, Mobil Delvac Automatic Transmission Fluid, and Water-Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. Suited for vehicles operating on/off highway and/or requiring PTO operation. Forward ratios: 1st-3.49, 2nd-1.86, 3rd-1.41, 4th-1.00, 5th-0.75, 6th-0.65. Reverse ratios: DR-(5.03).	10,517	**195**
4210080	S	**1710 HD Driveline, 1 Midship Bearing**	0	**0**
4250320	U	**PROGRAMMING ALLISON SNOWPLOW**	0	**0**
4250650	O	**LH PTO Access Dipstick Tube Routing,Allison Trans**	0	**0**
4252170	O	**Auto Neutral Activates With Parking Brake** Auto Neutral helps improve jobsite safety by reducing the possibility of the truck moving due to throttle application.	16	**0**
4252890	O	**Allison FuelSense 2.0 Not Desired**	0	**0**
4252950	O	**Omit Allison Neutral At Stop**	0	**0**
4256640	O	**Allison 6-Speed Configuration, Close Ratio Gears** 3000 Series Transmissions.	0	**0**
4256980	O	**Seat Mounted Lever Shifter**	1,305	**0**
Air & Trailer Equipment				
4510210	O	**Bendix AD-HF EP Air Dryer, Heater** Coalescing filter, extended purge. Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technonlgy in the the air dryer catridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	185	**-2**
4520420	O	**Pull Cords All Air Tanks**	7	**0**
4540420	S	**Nylon Chassis Hose**	0	**0**
4543340	O	**Aluminum Painted Air Tanks** All air tanks are aluminum with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for	123	**-45**

Sales Code	Std/ Opt	Description	$ List	Weight
		factory installation. See ECAT to determine number or location of air tanks installed.		
4611930	O	**Body Connections 5' BOC** Junction box contains light and power circuits for body connections located 5' from back-of-cab	132	**4**
4612900	O	**AE Connection EOF, 7-Way Socket, Connection EOF** Strapped to the rail	438	**15**
Tires & Wheels				
5064010	O	**FF: BR 20ply 315/80R22.5 M870** Efficiency Rating: Fair Diameter= 42.8 inches; SLR= 19.9 inches The Bridgestone M870 is a high scrub All-Position Radial tire designed specifically for urban waste collection.	505	**86**
5169310	U	**RR: BR 16ply 11R22.5 M799**	1,272	**0**
5190004	O	**Code-rear Tire Qty 04**	0	**0**
5220520	O	**FF: Alcoa 89U637 22.5 X 9.00 High Polish** Aluminum, Ultra ONE technology that saves more than 50 lbs. versus a comparable steel wheel. Built for refuse, logging, mining and other heavy haul applications that demand a tough wheel. Each wheel offers a 10,000 lbs. load rating.	451	**-36**
5320710	O	**RR: Alcoa 882677 22.5X8.25 High Polish** Aluminum. High polish finish on boths sides as applicable. Finish options for heavy-duty trucks, 2.5 lbs. weight savings, new hub bore with less metal to metal contact to hinder corrosion with a maintained half dual space and load rating.	618	**-100**
5390004	O	**Code-rear Rim Qty 04**	0	**0**
5407640	O	**FF: Mirror Polish Wheels, Outer Surface** Single/tandem steer. Mirror Polish outer surface of outer wheel. Without chrome wheel nuts.	65	**0**
5407650	O	**RR: Mirror Polish Wheels, Outer Surface, Single** Drive without chrome wheel nuts. Mirror polish outer surface of outer wheel.	251	**0**
5409325	O	**Wheel Guards, Single Axle** Wheel guards provide a protective barrier to maintain the integrity between the brake drums and wheels to ensure the maximum life for your polished wheels.	13	**0**
5410140	O	**FF: Dura-Bright Finish** Outer Surface of Outer Wheel, requires Polished Option	233	**0**
5410150	O	**RR: Dura-Bright Finish-Single Axle** Outer Surface of Outer Wheel, requires Polished Option.	233	**0**
Fuel Tanks				
5554100	O	**26" Aluminum 70 Gallon Fuel Tank LH U/C**	236	**11**

Sales Code	Std/ Opt	Description	$ List	Weight
		Includes steps for cab access. Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.		
5602070	O	**Location LH U/C 70 Gallon**	0	**0**
5652890	S	**DEF Tank Mounted LH BOC** Models 220 and 520 mounted left hand back-of-cab.	0	**0**
5652990	O	**DEF To Fuel Ratio 2:1 Or Greater**	0	**0**
5655019	S	**DEF Tank Small** 11.1 Gallon Capacity	0	**0**
Battery Box & Bumper				
6010670	O	**Aluminum Space Saver Battery Box LH BOC** Battery access from side	217	**-84**
6040550	S	**Aftertreatment Aluminum Non-Slip Cab Entry** Aftertreatment right-hand under cab step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box is aerodynamic.	0	**0**
6121060	O	**Steel Bumper Swept Back Painted Black, With FEPTO** Two tow pin holes and step plates on top of bumper	342	**90**
Cab & Equipment				
6510110	S	**Alum Cab 108in BBC Metton Hood w/Bright Crown** Includes view window RH door and convex mirror over RH door.	0	**0**
6540120	O	**Severe Service Cab Package #1** Includes Aluminum side skins, aluminum rear skin, steel windshield mask, steel firewall, and steel front floor sheet on all cabs, and additional reinforcement structure on the back wall of the day cab.	151	**39**
6540160	O	**Thermal Insulation Package in Cab** Includes thick, closed-cell foam in floor, special mylar-faced foam in walls and roof structure.	19	**2**
6800360	O	**Rubber Fender Lips 2" Wide**	96	**8**
6911700	S	**National Driver Seat** Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0	**0**
6921700	S	**National Passenger Seat** Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0	**0**
6931130	O	**Seat Belt Color Red IPO Standard Black**	10	**0**
6939400	S	**Air Ride Driver**	0	**0**
6939420	S	**High Back Driver**	0	**0**
6939470	S	**Vinyl Driver**	0	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
6939510	S	**Non-Air Ride Passenger**	0	**0**
6939520	S	**High Back Passenger**	0	**0**
6939570	S	**Vinyl Passenger**	0	**0**
7001520	O	**Adjustable Steering Column - Tilt/Telescope**	95	**11**
7001620	S	**Steering Wheel With Peterbilt Logo** Steering Wheel with embossed Peterbilt logo over horn button.	0	**0**
7036120	S	**Interior Gray/Black** Includes rugged charcoal instrument panels, glare-resistant gray dash, black bezels on gauges, (2) power ports, monochromatic molded door pads with durable in-mold color, gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted dome light, foot well lighting, integrated "dead pedal", (4) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	0	**0**
7210430	O	**Extended Rear Window ipo Std Window-Day Cab** The extended rear window protrudes two inches more than the standard conventional rear cab window. Take this into consideration when determining your loadspace.	68	**18**
7210540	S	**Day Cab Rear Window** Day cab rear window flush to back of cab.	0	**0**
7230060	S	**1-Piece Curved Windshield**	0	**0**
7322010	S	**Combo Fresh Air Heater/Air Conditioner** With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	**0**
7322130	O	**Cup Holder (Floor Mounted)** Includes two standard-size drink holders and one extra-large jugholder, coin tray, and clipboard-size storage area.	89	**4**
7330700	O	**Peterbilt Comfort Control - Cab**	21	**6**
7560100	O	**Mirrors SSTL Each Side Heated and Motorized** with Switch on Door.	368	**2**
7560850	O	**(2) Convex 8 Inch SSTL Mirrors** Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated. Option includes dual door stops.	266	**4**
7564110	S	**Power Package** Includes power door locks and power windows.	0	**0**
7610020	O	**(1) Air Horn 15" Painted** Mounted under cab.	178	**8**
7722120	O	**ConcertClass, AM/FM, Weatherband, 3.5 Aux**	317	**10**
7725710	O	**Standard Speaker Package For Cab**	116	**4**

Sales Code	Std/ Opt	Description	$ List	Weight
		(2) Speakers		
7728040	O	**Bluetooth Phone and Audio**	54	**0**
7728050	O	**USB Port**	54	**0**
7788140	O	**Radio Antenna Mounted on LH Mirror Bracket**	34	**0**
7850210	O	**Plug-In Auto Reset Circuit Breaker** in place of fuses in junction box.	40	**0**
7851480	S	**Peterbilt Electric Windshield Wipers** With Intermittent Feature.	0	**0**
7851780	O	**CabMate Cab Air Suspension** Mfg by Link. The class 8 conventionals (except Model 348) includes (2) airbags, (2) shock absorbers, (1) leveling valve, radius rod, and height limiter. The Models 330, 337, and 348 includes (1) airbag and (1) shock absorber.	1,287	**15**
7900090	O	**Triangle Reflector Kit, Ship Loose** Florescent triangle emergency road flares are designed to meet and exceed all DOT standards.	17	**13**
7900270	O	**Fire Extinguisher, Cab Mounted** Hazmat approved UL listed/rated ABC	54	**8**
8021380	S	**Air Restriction Indicator** Mounted on air cleaner, intake piping, or firewall	0	**0**
8071870	S	**Main Instrumentation Panel, Graphics Display** Includes speedometer with trip odometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights with audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.	0	**0**
8075690	O	**Dual Output Sensors For Road & Engine Speed** Terminals routed to back of cab / front of sleeper	60	**0**
8111110	S	**Headlights Composite Fender Mounted** Integral park, turn, and side marker	0	**0**
8120980	S	**(5) Marker Lights, Aero LED**	0	**0**
8133470	O	**Switch & Wiring for F/O Beacon/Strobe** Switch and wiring for furnished by owner beacon / strobe, 10' coiled wire back-of-cab / back-of-sleeper, at rear sill.	67	**2**
8133960	O	**Daytime Running Lights** The brake interlock turns the daytime running lights off when the parking brakes are engaged. This is required on all Canadian vehicles.	60	**0**
8134070	O	**(2) Additional Dome/Reading Lights, Ceiling Mtd**	49	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
8140120	S	**Incandescent Square Stop/Turn/Tail/Backup** Left-hand / right-hand square end of frame or dropped a-brace	0	**0**
Paint				
8530770	S	**(1) Color Axalta Two Stage - Cab/Hood** Base Coat/Clear Coat N85020 A - L0753EY RED N85500 CAB ROOF L0753EY RED N85300 FENDER L0753EY RED N85200 FRAME L0001EA BLACK N85400 HOOD TOP L0753EY RED	0	**0**
Shipping Destination				
Options Not Subject To Discount				
9400091	S	**Peterbilt Class 7 Standard Coverage** 1 year/Unlimited Miles/km	0	**0**
9400094	S	**PACCAR PX-9 Standard Coverage** 2 yrs/250,000 mi (402,336 km)/6,250 hrs	0	**0**
Miscellaneous				
9409831	O	**2021 EPA Emissions Engine** Warranty Only	0	**0**
9481975	O	**PACCAR 2021 PX-9 Protection Plan 1** 5 Yrs/100K Mi (160,935 Km)	1,450	**0**
9481987	O	**PACCAR 2021 PX-9 Aftertreatment Coverage (5/100)** 5 Yrs/100K Mi (160,935 Km)	740	**0**
Promotions				
Order Comments				

Total List Price (W/O Freight & Warranty & Surcharges)	$143,897	
Marketing and Service Support Fee		$875
Prepaid Freight		$2,450
Total Surcharge/Options Not Subject To Discount		$2,190
Total Weight		12,076

Prices and Specifications Subject to Change Without Notice.

Price Level: July 1, 2020
Deal: SA Plow
Printed On: 3/5/2021 8:18:22 AM

Date: March 05, 2021
Quote Number: QUO-788606-M2J7X9

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in CRM.

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LINDCO
Equipment Sales
DIVISION OF VIKING-CIVES GROUP

2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

Sourcewell
Formerly NJPA
Awarded Contract

QUOTATION

Quote Number: 210326
Quote Date: Mar 3, 2021
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Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		SOURCEWELL CONTRACT PURCHASE: CONTRACT HOLDER: Viking-Cives CONTRACT NUMBER: 080818-VCM CONTRACT MATURITY DATE: 10/29/2022 CONTRACT ITEM NUMBERS: SWH-TK0554, SW-TK0115, SW-SP0415, SW-SR0400, SW-SR0425, SW-CEO125, NJ2500 MUNICIPALITY: SOURCEWELL MEMBER NUMBER: 99259 MUNICIPALITY: City of Yorkville DEPARTMENT: Street Department CONTACT: John Sleezer TITLE: Street Department Foreman PHONE: 630-553-4370 EMAIL: jsleezer@yorkville.il.us QUOTE SUMMARY: NUMBER OF UNITS: One DESCRIPTION: Snow & Ice control		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		equipment for current model year single axle Peterbilt Chassis. (PRICE DOES NOT INCLUDE CHASSIS) CHASSIS SUPPLIER: JX Peterbilt EQUIPMENT DELIVERY TIME FRAME: Allow 120 days for all equipment to be in stock at Lindco after receiving your purchase order. Allow 60-90 days to complete unit, once all equipment and the chassis is at Lindco. CHASSIS REQUIREMENTS: * 20" front frame extensions * Stationary grill * Plow light harness to grill and switch in dash * Transmission dip stick located on curbside of transmission * Allison 3000RDS series transmission * Dash mounted push buttom shifter for transmission * Active ground speed hook up for spreader control		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00		* 105" useable cab to axle * Minimum of 40" clean side frame from back of cab to front of rear spring shackle on driver side. * Fire extinguisher * Triangle reflector kit * Individual driver and passenger seats * Minimum of 50 gallons fuel when delivered to Lindco * Dep tank 3/4 filled when delivered to Lindco _____ PER UNIT PACKAGE PRICE: _____ ** Price for all the below below quoted equipment, fully installed. (Price does not include chassis) ** Package price does not include the below options A and B. ** Price does not include pick up of chassis or delivery of completed unit. _____ OPTIONAL EQUIPMENT THAT CAN BE ADDED TO THE ABOVE BASE PRICE: _____ OPTION A:	113,063.00	113,063.00

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		Henke Model PPW-9-TE-29/30-TW Mid Mounted Postless Wing Plow * 9' wide * 29" high at toe * 36" high at heel * 12.65" of float * 23" x 12" HD parallel arm structure with 3" x 10" x 2" double-acting lift cylinder * Cylinder safety lock valve * Non-trip wing moldboard/post hinge assembly * Standard 3/4" x 6" cutting edge * Cirus hydraulic for wing plow * Hoses, Fittings, Stainless Tubes and Stainless Quick COuplers. * Labor to Install unit complete ADD.....$ 16,299.00 TO ABOVE BASE PACKAGE PRICE OPTION B: 9' Trip edge with toe 34" high and heel at 51" high in lieu of the above ADD.....$2,427.00 TO ABOVE BASE PACKAGE PRICE _____ EQUIPMENT WARRANTY: _____		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Quoted To:
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* All equipment has a 12 month warranty on parts and labor. DUMP BODY:		
1.00	SLT-316-11-CS90-York	Heil SL Body Ashaplt style Rear Body, 11' L, 28" H sides, 36" H tailgate, 7 GA "201 2B" stainless steel sides & ends, 1/4" AR400 floor, crossmemberless, DIMENSIONS: * 11' long at floor * 10' long at top * 84" wide I.D. * 96" wide O.D. * 60" high front wall * 36" high sides (7 cubic yards capacity) * 42" high tailgate (9 cubic yard capacity) CONSTRUCTION: * 7 gauge, "201 2B stainless steel" sides, front wall and tailgate * 1/4" AR400 floor TAILGATE: * Lindco air release * Lindco air release solenoid valve mounted in reservoir valve enclosure. * Three panel double acting tailgate "201 2B		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		stainless steel" * Lindco handles on upper tailgate pins for ease of removing and isntalling * Stainless steel tailgate chains, long enough for laying down gate flush with floor * All stainless steel tailgate linkage, rods, pins, upper and lower tailgate hardware * 18" x 18" center sliding coal door with driver side extended handle CAB SHIELD: * Lindco 1/2 enclosed cab shield, 7 gauge "201 2B stainless steel" * Fully enclosed cab shield with access panels on top * Two (2) oval cut out facing forward on each side for strobes. * One (1) oval cut out on each side for strobes * One (1) oval cut outs on each side facing rearward for strobes SIDES: * Boxed top rail "201 2B stainless steel" * One (1) horizontal side brace on each side * 7 gauge "201 2B stainless steel" sloping rubrail * No side braces		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		REAR CORNER POST: * Sloping rear corner post (12" difference from top to bottom) * Full depth rear corner post w/rear apron "201 2B stainless steel" * Lindco rear corner posts are fully-enclosed w/removal access panel underneath on each side * Lindco three (3) oval cutouts in each rear corner post UNDERSTRUCTURE: * All 7 gauge "201 2B stainless steel" construction * Crossmemberless understructure HOIST: * CS90-4.5-3DA telescopic front mounted hoist, double-acting (power up & power down) * 18 ton capacity * Dog house in body * Frame mounted body hoist prop * Hoist cradle * Rear hinge assembly LADDER AND GRAB HANDLE: * All items constructed of "201 4B shiny stainless steel"		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Grab handle at front on driver side * Fold up ladder at front driver side		
		REAR FENDERS AND FLAPS:		
1.00	SR2436B	Boomerang 3/8" HD 24" x 36" Guard Mud Flap - Black - with Lindco Equipment Sales, Inc. Logo & Merrillville, IN molded white into flap.		
2.00	MFW2375-SS	Lindco Mud Flap Bolting Plate-Stainless Steel (Each)		
2.00	MFBH2375A-SS	Lindco Mud Flap 90 Degree Mounting Plate-Stainless Steel (Each) * Mud flaps mounted behind rear wheels * Swing style brackets		
1.00	MIN1400BP	Minimizer MIN1400 Quarter Fender Kit Black with Post Mount * Mounted in front of rear wheels		
		LIGHTING & ELECTRICAL ITEMS:		
		REAR JUNCTION BOXES:		
2.00	PH-310	Phoenix 10-Pole Junction Box * One mounted on each side on back side of rear hinge assembly. * Right side will have all S/T/T, Back up		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		lights and back up alarm wired into junction box. * Left side will have all strobes and spreader lights wired into junction box. * All wiring installed in junction box must have eyelets installed. * Junction boxes will be di-electric greased WIRING: * All wiring will be one piece, no butt connectors or scotch locks. * All connections must be di-electric greased * All lighting will terminated in rear junction boxes * Wiring from junction box or coming from front to rear will run down middle of frame on stainless steel flat stock with stainless steel fasteners. * All wiring ran down front of body will be in stainless steel piping. * All wiring ran from front of body to rear, under body will be in stainlness steel piping. * All wiring from junction box will terminate to switches in cab. * All circuit breakers, fuses, relays, electric valves (air tailgate) will be installed in valve enclosure.		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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City of Yorkville
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* All wiring will have protective loom installed. * All wire pass through holes will be grommeted BACK UP ALARM:		
1.00	510	Ecco back-up alarm, 97 dB, 12 VDC. * Install on rear hinge assembly * Wired to junction box with S/T/T an back up lights * All connections to have eyelet connectors * Connections to be di-electric greased CAB SHIELD LIGHTING		
4.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in front of cab shield on each side		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed on each side of cab shield		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in outer ovals on rear for cab shield * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * All wiring ran from cab shield through		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

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Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		stainless steel piping to rear of vehicle. * Any lighting wire not in the stainless steel will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
2.00	KTLEDW2238-24A	REAR CORNER POST LIGHTING: UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in top oval on each side		
2.00	54682	Grote LED S/T/T & B.U. Light, 6" oval		
2.00	67090	Grote Pigtail Economy 3 Wire 90 Degree S/T/T		
2.00	67011	Grote two-wire plug-in pigtail for female pin lamps		
2.00	92420	Grote Oval Rubber Grommet * Installed in center oval on each side		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in bottom oval on each side * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * S/T/T/Back up lights wired to right side junction box. * All lighting wiring will be in protective loom * All connections to have eyelet connectors		
			Subtotal	Continued
			Sales Tax	Continued
			TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

LINDCO
Equipment Sales
DIVISION OF VIKING-CIVES GROUP

2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

Sourcewell
formerly NJPA
Awarded Contract

QUOTATION

Quote Number: 210326
Quote Date: Mar 3, 2021

Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Connections to be di-electric greased SPREADER LIGHT:		
2.00	MWL-19	Maxxima LED clear work light * Installed on each side under body * Wired to left side junction box * Spreader light wiring from junction box to switch in cab * All lighting wiring will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased PLOW LIGHTS:		
1.00	0552243	J.W. Speaker LED Plow Lights; built-in amber turn signal and lens heater. (Pair)		
1.00	PLB12SS	Buyers stainless steel plow light brackets, extended for 2 post mount lights * Hood mounted * Wired to plow light switch in cab * All weld burns on plow light brackets must be cleaned prior to installing on hood. * All wiring installed in protective loom * Connections to be di-electric greased BODY UP SWITCH & LIGHT:		
1.00	SWM 43C	Preco Switch, water resistant, 5 amp rating, 360 degree movement, can be wired open or closed, maded of ABS plastic, adjustable mounting bracket.		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Quoted To:

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	0800850	Imperial LED indicator light - red * Body up switch installed on hoist cradle, driver side * Light installed in control console * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		MASTER CIRCUIT BREAKER:		
1.00	175-S0-080-2	Chief 80 amp high amp circuit breaker. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		RELAY:		
1.00	140-0379	TST 75 amp relay, 12V bracket. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		AIR TAILGATE VALVE:		
1.00	101004	Velvac Solenoid Operated Tailgate Lock Kit w/solenoid valve, 3.5" I.D. x 6" stroke air cylinder, clevis hardware, faceplate. * Air valve mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	DC-3200	* Connections to be di-electric greased * All air line from chassis to valve to valve to cylinders at rear. BODY VIBRATOR: Cougar Dump Body Vibrator 12 volt DC, 3200 lbs of force, 85 amps, 4000 RPM, Includes mounting kit, wiring kit, switch * Mounted on channel support * Stainless steel safety chain attached * All wiring ran under body in stainless pipiing * All vibrators solenoids/fuses, etc. mounted in valve enclousre		
1.00		PINTLE HOOK: Lindco 5/8" Pintle hook plate * Back side of pintle hitch reinforced with 1" x 1" x 3/8" angle * Pintle hook is wrapped with 1 1/4" x 3/16" flat stock * 5/8" gussets installed on each side of pintle hitch to frame * Chassis S/T/T lights recessed into pintle hitch * Trailer plug installed in pintle hitch		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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City of Yorkville
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
2.00	B46	Buyers 3/4" drop forged D-ring w/weld bracket 4-1/2" x 4-1/2" O.D. * Welded on for chains		
1.00	PH30	Buyers 30 ton rigid mount pintle hook		
1.00	054002	Velvac 7-Way Blade Type Socket * Installed in pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
1.00	49122	Grote SuperNova thin-line LED red bar lamps.		
1.00	60321	Grote license lamp w/stainless steel bracket. * Installed on pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
		_____ HYDRAULIC SYSTEM: _____		
1.00		CIRUS CENTRAL HYDRAULIC SYSTEM PER YORKVILLE REQUIREMENTS: POWER TAKE OFF AND PUMP:		
1.00	PTO7005	Chelsea 890 PTO/ALLSION/HS-EXT/L/15T/B2 or		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		B4/CW/3000:113/ARR-5, power take off		
1.00	0800850	Imperial LED indicator light - red		
1.00	HYD40001	Sauer DanFoss S45 pump/75cc/CW/RP/15SP/B2 loaded sense pump * Driver side mounted * PTO wired to switch in console * All wiring installed in protective loom * Connections to be di-electric greased RESERVOIR/VALVE ENCLOSURE AND VALVE:		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYD1000894	Cirus bolt kit for hybrid PVG32 with internal return EC		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYDRFK-SAE20-PV32	Cirus 14.5" internal return hose kit-PV32		
1.00	HYDCM2	Cirus ASPW 3F CC hydrid inlet-PVG 32-T0-M		
1.00	HYDCe5	Cirus PVG32-T0-35GPM/DA/LS 500A/Max B relief EA for hoist up-down		
2.00	HYDCe13	Cirus PVG32-T0-20GPM/DA/no relief EA for plow up-down & right-left		
1.00	HYDCo2T	Cirus internal tank return end cover-PVG 32 (T0 & Non-T0)		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	HYDCM2e5e13x202T	Cirus CC Sauer Danfoss (PVG) hydraulic assembly		
1.00	HYD10019EXT18-M12	Cirus Temp/Level Sensor-3/4" Mtg-35g VTC-18" w/M12 connection		
1.00	HBV200	Buyers 2" Ball Valve - Full Flow		
45.00	Hydraulic Oil	Hydraulic Oil		
		CONTROL CONSOLE:		
1.00	UG 620M2	Cirus Master Assy Plow Control, Hoist up-down, Plow up-down & right-left, flip arm seat mount		
1.00	000907	Cirus seat mount "L" bracket		
1.00	000961.58-Assy	Cirus slimline 6 enclosed assy w/angled cover + HDMI		
		* Controls will be mounted after Lindco/Customer pre-build meeting at Lindco.		
		SPREADER CONTROL:		
1.00	N0SSRXM7K00FAT	Cirus SpreadSmart Rx M 7" color KP-FA spreader control		
		* Auger w/sensor cable		
		* Spinner		
		* Pre-Wet (central) w/sensor cable		
1.00	000950.8-Assy	Cirus 7" RAM display mount assembly-7.3 height for spreader control		
		ROAD WATCH:		
1.00	RWSO1001M	Cirus RaodWatch for SSRx mini		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Sensor mounted on driver side		
		CONSOLE SWITCHES:		
1.00	N0N12HHS0SFAB	Cirus 12 switch hammerhead S for FA accessory control		
1.00	WIRE PKG	Cirus wiring package for switches & indicators		
1.00	SW/IND PKG	Cirus switch & indicator package		
		CABLES:		
1.00	TS-2031	Cirus 8 Port IP 68 Hyd OutPut Cable---6 Meter (19.7 ft)		
6.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-2018	Cirus 4 port hydraulic valve junction box		
3.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-8000	Cirus Main Truck Sensor Cable-9 pin--10 meter (32.8ft)		
1.00	TS-8001	Cirus 4-Port Senor Jnc Bx-9 pin-2.8 meter 9 ft.		
1.00	TS-2005	Cirus 57" sensor cable M12 to M12w LED-auger		
1.00	ELCA SG07050722-002	Certified Power MFE ST/ST BPM 5 meter		
		PRE-WET:		
1.00	PPM-HC	Cirus Pre-wet pump Mod-Hyd Closed loop		
1.00	LISC SG06080015	Certified Power 240 gallon behind the cab prewetting system. Includes (2) 120 gallon tanks, stainless mounting frame, hold down straps and mounting hardware.		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	00002 332 39	Swenson V-box flush kit		
1.00	00002 332 09	Swenson 1-1/2" female quick fill kit		
1.00	ELCA SG07070122	Certified Power Poly Float with BH Corded Plug		
1.00	ELCA SG07050641	Certified Power harness, MIC BH male 22 awg. 4.		
1.00	UB623518	Buyers 18" U-Bolt Kit, (4) Square bend U-Bolts 5/8", (8) 5/8" HEX nuts, (8) 5/8" split lockwashers, (4) 1/2" thick tie bars * Tanks with body		
		HYDRAULIC EXTENDED WARRANTY:		
1.00	EXTEND WARRANTY	Cirus Extended Warranty Package - 2 years - Starts on ship date		
		STAINLESS STEEL HYDRAULIC TUBES FOR DUMP HOIST:		
2.00	8-049 304W/FJX-108"	Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted to the underneath of the body for hoist power down. * One (1) line mounted down frame for hoist power down.		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
		STAINLESS STEEL HYDRAULIC TUBES FOR SALT SPREADER:		
2.00	8-049 304W/FJX-108"	Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted down frame for spinner pressure		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* One (1) line mounted down frame for auger pressure		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
1.00	12-065 304W/FJX-108"	Mid-State 3/4"x9' 304 S/S Line with fittings		
		* One (1) line mounted down frame for return for spinner and auger		
3.00	A3-19-A	PCI HD Series Clamps for 3/4" tubing		
		STAINLESS STEEL HYDRAULIC TUBES FOR SNOW PLOW:		
4.00	8-049 304W/FJX-72"	Mid-State 1/2"x6' 304 S/S Line with fittings		
		* One (1) line mounted under cab on driver side for plow angle right		
		* One (1) line mounted under cab on driver side for plow angle left		
		* One (1) line mounted under cab on driver side for plow up		
		* One (1) line mounted under cab on driver side for plow down		
12.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
		HOSES/ADAPTORS/FITTINGS:		
1.00		Hose adaptors, Hose ends and Other Fittings		
1.00		Hydraulic hoses		
		* No hose length is to exceed 6' in length		
		* Hose protection at all wear points		
		SNOW PLOW HYDRAULIC COUPLER:		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2 ports, 1/2".		
1.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports, 1/2".		
4.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male JIC 3/4"-16		
4.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF male JIC 37 * Female coupler mounted to underside of front bumper on driver side * Male coupler mounted to plow hoses * Coupler docking station mounted on plow		
		SPREADER HYDRAULIC COUPLERS:		
2.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2 ports, 1/2".		
2.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports, 1/2".		
8.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male JIC 3/4"-16		
8.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF male JIC 37 * One (1) coupler mounted under body on passenger side for auger pressure & return * One (1) coupler mounted under body on driver side for spinner pressure & return * Couplers installed on spreader spinner		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		and auger short hoses		
2.00	4HF4-S	Dixon 1/2" female stainless steel coupler		
2.00	H4F4-S	Dixon 1/2" male stainless steel nipple		
4.00	4HDP-H4DC	Dixon 1/2" Dust Cap/Plug		
		* Stainless steel couplers for lift cylinder		
		SNOW PLOW:		
1.00	42R11-RMB-ECT-CPF	Henke Road Warrior Reversible Snow Plow: 11' wide x 42" high, integral shield, mailbox cut out, dul compression spring trip moldboard, UQH quick hitch.		
		* 11' wide		
		* 42" high		
		* 10 gauge steel moldboard		
		* Mailbox cut out on curbside		
1.00		* Winter Equipment curb guard on curbside		
1.00		* Double 5/8" thick top punch cutting edges		
1.00		* Plow jack stand		
		* Plow angle cylinder cushion valve		
		* UQH quick hitch swivel plate with stops		
		* Deflector hardware		
1.00	3512144	"Lindco" Snow Deflector 12"		
1.00	1308110	S.A.M. 36" blade guides		
		SNOW PLOW TRUCK HITCH:		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	6236000	Henke Plow Hitch, UQH truck portion, lo-profile design, folding lift arm, level left chain style with 3/8" chain links		
1.00	6236903	Henke Lift Cylinder 4X10X2 DA w/ Strap		
2.00	W4P03596	Schmidt "Z" bracket-connect frame to plow 3.25" x 5.5" x 1/2" thick (Each)		
1.00		Lindco custom Peterbilt side plates * Lindco will reuse Peterbilt factory bumper		
		SALT SPREADER:		
1.00	00002 463 84	Swenson SADS tailgate spreader w/ 18" poly spinner, direct drive, 6" auger, stainless steel construction, no paint, sides of spreader 8" higher, sensor motor. * 304 2B stainless steel * 6" auger * Direct drive auger motor * Standard side height * Stainless steel quick detach mounting hardware		
1.00		Short Hose Kit		
1.00		Stainless steel pre-wet spray bar installed in auger trough		
1.00		** Yorkville designs spresder stainless steel		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Quantity	Item	Description	Unit Price	Amount
		side spill shields		
		CAMERA SYSTEM:		
1.00	A4693	Brigade color camera kit complete with VBV-770D-000N 7" LCD color monitor, VBV-701C color camera and 66' cable		
1.00	MSF5001 Camera	Camera system box w/ram adjustable bracket, stainless steel.		
1.00	MSF8470037000-LR	Camera Wash (1) nozzle for single camera. Does not include tubing kit. MSF5010 or reservoir or reservoir cover		
1.00	MSF5010	Camera Wash 30' tubing kit complete with air and washer		
1.00	MSF8470038000A	Camera Wash nozzle kit * Camera mounting will be determine during customer pre-built meeting * Monitor mounting will be determine during customer pre-built meeting		
		PAINT & UNDERCOATING:		
1.00	PAINT PINTLE HITCH	Paint Pintle Hitch		
1.00	PAINT HOIST & SUBFRA	Prime Where needed and Paint Hoist & Subframe to black		
1.00	PAINT PLOW HITCH	Paint Plow Hitch, Including lift arm, side		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		plates, bumper and lift cylinder black		
1.00	PAINT-MISCEL	Paint Miscel		
1.00	Under Coat	Under coat dump body		
		MISC., FREIGHT & LABOR:		
2,559.20	Misc.	Miscellaneous Material - includes any or all of the following: wiring, electrical connectors, tie downs, clamps, nut, bolts, washers, steel, oil, grease, etc.		
3,219.00	FREIGHT	FREIGHT		
260.00	INSTALLATION	Lindco Installation Labor Hours		
			Subtotal	113,063.00
			Sales Tax	
			TOTAL	**113,063.00**

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When superior plowing performance, ease of operation and all around safety is important, these plows are the #1 solution.

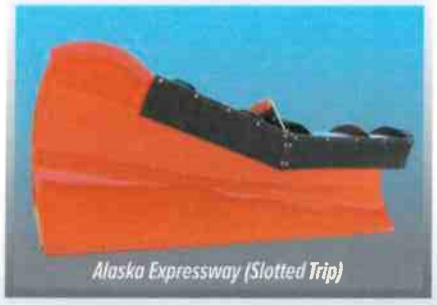
- **Level lifting at all angles**
- **Follows the contours of the road smoothly and effectively** without the bouncing and chatter experienced with traditional plow
- **Safe/easy to operate and maintain**
  - Easy to connect/disconnect (1 person job)
  - One common cylinder for lift and reversing
  - Flat plate hitch is safe: no hazards created by protruding hitch arms
  - Plus the flat plate hitch allows the plow to mount closer to truck and it provides better ground clearance
- **Multiple trip styles available:** Full, slotted, torsion, compression

ADVANCED TECHNOLOGY AND FEATURES

ULTIMATE PERFORMANCE

PLOW STYLE	Moldboard*	Trip Styles*	Lengths (ft)	Heights(in)**
STRAIGHT	10 ga, Poly-lined Steel, 304 Stainless Steel	Full Trip, Slotted Trip, Torsion Trip, Compression Trip	10, 11, 12, 14	30, 36, 41, 48
J PLOW	10 ga, Poly-lined Steel, 304 Stainless Steel	Torsion Trip	10, 11, 12	30, 36, 41, 45, 48
EXPRESSWAY (Batwing, Dual Discharge, Alaska Expressway)	10 ga, 3/16	Slotted Trip	10, 11, 12	Varies
FUNNEL/ONE-WAY	10 ga, 3/16	Slotted Trip	10, 11, 12	Varies
FOLDING-V (FVX)	10 ga	Compression Trip	10, 11, 12, 14	41
AIRPORT	10 ga, 3/16	Torsion Trip, Rubber Cushions***	Varies	50, 62/50/62

*Not all sizes are available with all materials and trip styles. **Not all heights are available in all lengths. Common lengths and heights are listed, others are available upon request. ***Rubber cushions are not a trip style.


Alaska Expressway (Slotted Trip)


Alaska Expressway (Slotted Trip)


Straight (Full Trip)


Batwing Expressway (Slotted Trip)


Dual Discharge Expressway (Slotted Trip)


Funnel/One-Way (Slotted Trip)


Folding-V FVX (Compression Trip)


J-Plow (Torsion Trip)


Airport (Rubber Cushion)

HENKE HITCH SYSTEMS

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Henke offers a wide variety of commonly used truck hitches and truck attachment kits to fit just about any plow hitch being used, anywhere in the country. The following include the most popular hitches that we sell.

- Flat Plate Hitches
- SQH Adapter Hitches
- UQH Hitches
- Universal Pin-On Hitches
- QCP Hitches
- Husting Hitches
- Quick Link Hitches

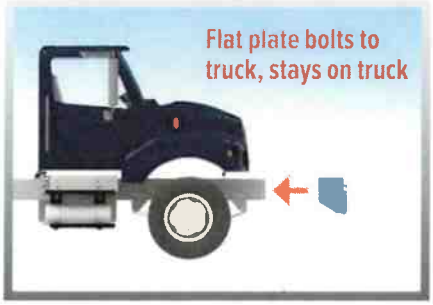
HENKE'S FLAT PLATE HITCH IS BY FAR THE BEST CHOICE FOR YOUR FLEET. SAFE, EASY TO USE, LESS WEAR AND TEAR ON THE TRUCK'S FRONT AXLE.

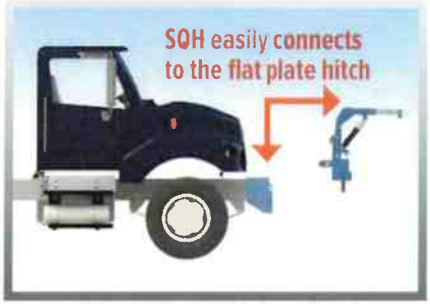
- Allows users to remove the plow and adapter hitch when not in use
- Flat plate weighs significantly less than a typical truck hitch
- Faster to hook up/un-hook plows
- Better ground clearance than traditional hitches
- Increased safety.

PUTTING IT ALL TOGETHER



HENKE'S SQH ADAPTER HITCH CONNECTS A FOLD-DOWN, TELESCOPING ARM TO YOUR FLAT PLATE HITCH









STANDARD SQH ADAPTERS ARE AVAILABLE IN THESE CONFIGURATIONS:


Universal Quick-Hitch (UQH)


Universal Pin-On


QCP Hitch


Quick Link Hitch

HENKE'S MODULAR PLOW SYSTEM - Flexibility to build the best plow for your application

ROAD WARRIOR

SHIFT TO THE HIGHER STANDARD



With **over 100 years of experience making snow plows**, Henke has developed a standardized plow line that gives you the flexibility to build the plow you need. By combining different options for height, width, profile, pushframe, trip, hitch, and running gear, you can easily create a highly customized "standard" plow.

- Henke's moldboards with chain style level lift (or optional sliding level lift) **keeps the plow level** while our **integral snow shield prevents snow from blowing over the top** of the moldboard.
- **Henke's Grade 50 Steel is 39% stronger** than A-36 Steel.
- Henke's **Road Safe pushframe provides maximum strength** and prevents bottom angle bending. **Cylinders are located above the pushframe for protection** against road debris and ease of maintenance.



From the urban core to the steepest mountain passes, Henke's Road Warrior Plow will conquer your toughest challenges

	SELECT:	STYLES	MATERIALS	LENGTHS (ft)	HEIGHTS
1	MOLDBOARDS	Straight Expressway Funnel/One-Way	Grade 50 Steel 304 Stainless Poly-Lined Steel	10 11 12	Varies by Style
		STYLES	**LENGTHS**	**NOTES**	
2	PUSHFRAMES	Road Safe* Tube Table** Parallel Lift**	Standard: 119.5" 6 Ribs Heavy Duty: 119.5", 8 Ribs	*Road Safe frame prevents bottom angle bending. Cylinders above frame. **Not available with all moldboard shapes and sizes.	
		STYLES	**DESCRIPTION**		
3	TRIPS (Not all trips are available with every moldboard size and pushframe selection)	ECT EST EXT SLT SSTE	External Compression - Spring Enclosed Springs - EST (Single) or DEST (Dual) Extension Spring - 6 Springs or 8 Springs Slotted Trip - Spring-in-Spring Square Spring Trip Edge		
4	LIFT SYSTEMS	Standard Lift: 2 Chain level lift design Sliding Level Lift: Improved Performance as plow is angled Parallel Lift: True level lifting as plow is angled and raised or lowered			
5	OPTIONS: *Many options are available. A few common ones are listed.*	Various Wear Components; Various Running Gear (Runner Shoes, Steel Wheels, Pneumatic Running Gear, Mushroom Shoes - standard or spring loaded) Single or Dual Mouse Ears; Mailbox Cut; Jack Stand; Rod Markers			

V-PLOWS

TACKLE AND DOMINATE HEAVY SNOW

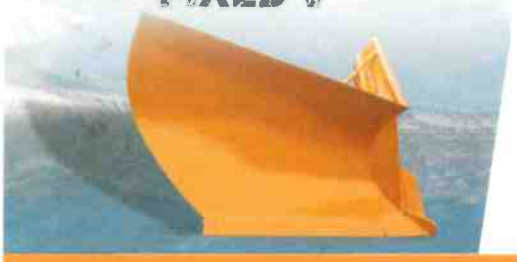
FOLDING V FVX



The Henke FVX is **ideal for urban/city plowing,** especially for areas with lots of cul-de-sacs and roundabouts. The FVX adjusts to scoop, vee or reversible plowing positions for maximum versatility. FVX is available with Henke's Parallel Lift System or Chain Lift. 41" tall moldboards are 10 ga, Grade 50.

Plow Width (ft)	Width/Swath (in)	Straight	Angled	Vee	Scoop
10	Overall Width	123.26	111.68	116.77	106.60
	Plowing Swath	**123.26**	101.37	105.89	96.85
11	Overall Width	135.26	126.6	126.6	116.43
	Plowing Swath	135.26	115.72	115.72	**106.68**
12	Overall Width	147.26	136.43	136.46	126.26
	Plowing Swath	147.26	125.55	125.55	116.51
14	Overall Width	171.26	156.09	151.00	145.91
	Plowing Swath	171.26	145.21	140.69	136.17

FIXED V



The Fixed V-10's unique blade curvature helps **bust through drifts and deep snow to open roads.** 52" nose height, 86" rear height.

- **Rugged construction** - 10 ga, Grade 50 moldboard, plus reinforced channels for maximum support
- Three easily-accessible running gear assemblies provide easy adjustment without tools.

POLY FLEX PLOW

EASILY TRANSFORMS WHILE IN OPERATION: Right or Left Discharge, Tall Front Push or Snow Shield Curl



THE MOST FLEXIBLE WAY TO MANAGE SNOW REMOVAL

When you need to combine the advantages of a one-way plow with a reversible plow, Henke's Poly Flex Plow is the answer. This highly adjustable, can be manipulated to handle multiple snow clearing challenges.

- **Hydraulically adjustable** on the fly
- **UHMW Polymer** moldboard, will not crack at low temperatures or upon impact
- **Torsion Trip Edge** easy to adjust and to maintain
- **Dual Reversing Cylinders,** nitrided rods
- **Dual Moldboard Contouring Cylinders**
- **Swivel Feature** to follow road contours
- **11', 12' and 14' Lengths,** multiple options

TRUE FLOAT WINGS

POSTLESS PATROL WING ELIMINATES CHATTER



HENKE®

henkemfg.com

Henke's parallel lift link doesn't bind up like traditional "slide style" wings. The unique true float, non-trailing design reduces wing chatter and increases effectiveness at cutting through packed snow and ice.

- The MOST vertical float of all postless wings
- More durable than traditional slide style wings
- Available in full trip, trip edge, and non-trip models
- Truck hitch compatibility (front mount only):
  Non tilt, Manual tilt or Power tilt
- Multiple mounting locations:
  - Front-mount
  - Mid-mount with rear attachment mounted forward of tires, behind tires, or between tandems
- Moldboard heights:
  - Tapered (29" intake, 36" discharge)
  - Straight (31")

Mounting Locations	Benching Heights (in)	Trips	Lifts	Pushbeams
Front	14.5	Full Trip Trip Edge* Non Trip	Front** Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual
Mid	12.5	Full Trip Trip Edge* Non Trip	Front** Rear	Spring Cushioned Single Hydraulic **Adjustable** Single Spring Cushioned Dual

*Add 5" to moldboard heights **Front lift is available with single pushbeam only

The ONLY TRUE-FLOAT, NON-TRAILING WING ON THE MARKET

Learn more about it in our video on YouTube.



AVAILABLE IN BOTH FRONT AND REAR LIFT



***Front Lift** Single Pushbeam*
(shown with spring cushioned pushbeam)



***Rear Lift Single** Pushbeam*
*(**shown** with hydraulic adjustable pushbeam)*



Rear Lift Dual Pushbeam
(shown with spring cushioned pushbeam)

SLIDE POST WINGS

HENKE
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MID-MOUNT AND FRONT MOUNT WINGS DESIGNED TO FUNCTION IN ALL KINDS OF ENVIRONMENTS



We recognize that not all plowing situations are the same for every customer. Henke works with you to determine the best wing system for your truck and environment. The chart below illustrates a few of our most popular wing selections.

- Moldboard heights:
  - Tapered (29" intake, 36" discharge)
  - Straight (31")
- Rear posts available with 48"/68" bench height wings:
  - 34" slide + cable lift
  - 48" slide + hydraulic lift
  - Fixed rear + hydraulic lift

Mounting Locations	Benching Heights (in)	Trips	Lifts		Post Style
Front	18	Full Trip* Trip Edge** Non Trip	Front Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	34	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	48	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Dual	All Hydraulic
	68	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Dual	Cable Lift
Mid	18	Full Trip* Trip Edge** Non Trip	Front Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	34	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic

*Full trip is not available with front lift **Add 5" to moldboard height

BUILT TO PERFORM







For enhanced operating capability, combine one of Henke's front plows (parallel or traditional lift) with postless or hydraulic wings.







UNDER BODY SCRAPERS

ADD HARDCORE SCRAPING ACTION TO YOUR FLEET



A GREAT ALL-SEASON WORKHORSE – REMOVES HARD PACKED SNOW AND ICE; GREAT FOR GRAVEL & SHOULDER ROAD MAINTENANCE

Built strong, built to last, Henke's Under Body Scrapers will provide years of service with minimal maintenance. A 1" heat-treated carbon steel moldboard is available in two models – Power Reversing or Fixed Angle.

Henke Model	Lengths (ft)	Heights (in)	Actuating Cylinders	Reversing Cylinders	Mounting Options
Power Reversing	10, 11, 12	15.5, 17, 20	Two 3" bore with 2" nitrited rods	Two 4" bore with 2" nitrited rods	Four heavy duty legs, or Two heavy duty plates
Fixed Angle	10, 11, 12	15.5, 20	One or two 3" bore with 2" nitrited rods	N/A	Three or four heavy duty legs

POWER REVERSING UBS:

- Solid 2.5" hinge shaft and four (4) hinge-anchor points
- Hangerboard circle clamps 102 sq-in, with poly wear pads
- One piece circle, 1" thick solid steel with 5" center pin
- Crossover relief valve for reversing cylinders
- Down pressure relief valve for actuating cylinders
- ½" x 6" SAE 1084 high carbon steel cutting edge (standard)



HENKE'S UNDER BODY SCRAPERS SUPPLY ENOUGH FORCE TO REMOVE HARD PACKED SNOW AND ICE WITHOUT DAMAGING THE ROAD SURFACE

SEVERAL OPTIONS OF CUTTING EDGES AND WEAR GUARDS ARE AVAILABLE, PLUS THESE GREAT ADD-ONS:

- 12" bolt-on extensions adds extra swath (20" moldboard only)
- Manual reverse option available
- Remote grease line for 5" center pin
- Spiral greased grove hinged shaft (makes shaft removal easier)

BACKED WITH FIRST RATE SERVICE AND OUTSTANDING WARRANTY PROTECTION

888.682.9010
henkemfg.com

HENKE®

AN ALAMO GROUP COMPANY

HENKE HXC CARTRIDGE SPREADER



The ONLY V-BOX spreader with a removable conveyor cartridge, the easiest to maintain, most cost-effect solution available.

HENKE CHANGES THE GAME WITH OUR EXCLUSIVE REMOVABLE/REPLACEABLE CONVEYOR CARTRIDGE

The replaceable cartridge in our innovative HXC Spreader is the easiest conveyor system on the market to service or repair.

BEST ROI FOR V-BOX SPREADERS ON THE MARKET

The modular design of the removable cartridge reduces cost of ownership by providing longer service life of the main structure and hopper. Just replace a worn out cartridge conveyor vs. replacing the WHOLE unit.

FLEXIBILITY TO USE DIFFERENT CONVEYOR SYSTEMS IN 1 UNIT

Choose between a pintle chain, single 9" auger or dual augers. This gives you the control and versatility you need for use of specific materials and spreading applications.







SPECIFICATIONS
304 stainless steel construction
Available in 9' - 15' lengths
Fully replaceable conveyor system
Remote chain tensioning
Spinner deflectors are adjustable without tools
Unique telescoping discharge chute for even high-flow rates
Built-in hydraulic lockout systems on all auger spreaders
Spinner drive "shed" prevents clogging & fouling in the chute
Integrated safety features allow tool-free access for routine maintenance

WE GIVE YOU OPTIONS

- Spinners are available in poly or steel versions
- Adjustable Spinner Chutes are available with dumpover and tilt-up options
- Safety options- light bars, reflective tape
- Stationery or swing-up ladder
- Hopper vertical extension available for increased capactiy
- Top grates, rib mounted rollers, bumper guard, front and side spill shields



HENKE'S VERSATILE, MODULAR SYSTEM IS DESIGNED TO GIVE YOU THE BEST SOLUTION FOR YOUR APPLICATION

LEARN MORE, WATCH THE HXC VIDEOS ON OUR YOUTUBE CHANNEL





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AN ALAMO GROUP COMPANY

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UTS-9
UNDER TAILGATE SPREADER

THE ULTIMATE CHOICE FOR EASY MAINTENANCE AND SUPERIOR PERFORMANCE



UNIQUE MULTI-POSITION COVER/BACKPLATE

Henke's UTS-9 features 4 different settings from fully closed to fully open in a 90° flat position. This gives you the easiest position to clean and maintain the 9" auger and spreader unit.



SET-BACK POSITION FOR INCREASED MATERIAL CAPACITY

Opening the spreader to the set-back position allows for additional tailgate swing giving you increased material capacity.



SAFETY LOCK-OUT DEVICE

Safety is important at Henke Manufacturing, the UTS-9 is designed to disengage the motor when gaining access to the auger. Additionally, our exclusive side mounting plates limit access during operation.



BETTER MATERIAL FLOW BY DESIGN

Our sloped rear apron helps shed material from the dump body into the conveyor trough and helps prevent material build-up. This increases your operating uptime and decreases needed cleaning.



DESIGNED TO BE EASY TO MAINTAIN AND PREVENT DOWNTIME

The offset motor mount makes maintenance a snap while preventing material build-up on the shaft which can prematurely blow a seal.



FOLD FORWARD CLEAN OUT

The first step in using the fold forward clean out is to disengage the safety lock-out device. The spinner assembly stays attached giving you quick and easy access.



ALL-SEASON USE

The optional berm chute gives you the flexibility to disperse aggregate.

SPECIFICATIONS
Body is designed to fit below the dump bodies tailgat with outside widths ranging from 94: - 96" Unit overall width: 96" Approximate weight: 661bs
Heavy-duty 7Ogauge cover/backplate and trough with 1/4" endgates
9" diameter carbon steel auger. Auger shaft is tapped at one end to allow installation of speed sensor
3 heavy-duty latches keep cleanout door securely sealed
20" polyurethane spinner disk is adjustable front-to-back and side-to-side and can be removed without tools
Auger motor is offset from hopper body to prevent damage to seal
Quick disconnect mounting kit with 1/4" pins



Check out our product demo video on YouTube

A DEDICATED TEAM THAT DELIVERS

Listening to our customers helps us understand the unique challenges they're faced with. That, in turn, helps our engineering and manufacturing team use their expertise to design solutions that perform beyond specs and expectations.

When you call on HENKE, you'll receive first rate service backed by a team of seasoned industry professionals. With HENKE, ***your*** concern is **our** concern and we do everything we can to create a successful outcome for you.

HENKE'S HXC Cartridge Spreader, The only V-Box Spreader on the market with a removable conveyor system, designed to be easy to maintain and cost-effective for the long haul.

Learn more about it in our



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HENKE: ENGINEERED TO GIVE YOU THE BEST



BUILT WITH THE CUSTOMER IN MIND

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VISIT HENKE ON YOUTUBE...

You'll find short, informative videos highlighting product features and benefits. Subscribe to the channel as new videos are constantly added.

888.682.9010
henkemfg.com

HENKE®

AN ALAMO GROUP COMPANY

STAINLESS STEEL DUMP BODIES

DURACLASS®



SL-316 shown with optional equipment.

MEMBER VERIFICATION PROGRAM NTEA MVP

Made in USA

www.duraclass.com

Durability that *Means Business*

The DuraClass® Line

LIGHT DUTY

Better than Ever in Stainless Steel



Yardbird & Super Duty Yardbird

DuraClass Yardbird and Super Duty Yardbird Stainless Steel Dump Bodies are ideal for contractors and landscapers hauling equipment, soil, stone, mulch and other materials.



Super Duty Yardbird shown with available material spreader.

MEDIUM DUTY

Stainless Steel Bodies, Ready to Work



SL, SL-316, HM & HH

Medium Duty Stainless Steel Dump Bodies from DuraClass feature a unique body sidewall design that includes a continuous top rail, side and running board configuration. Without an outside seam weld below the top rail, moisture and freeze problems are virtually eliminated!



HM Dump Body.

STAINLESS STEEL

Tough, Reliable, Ready to Work

Stainless steel provides superior corrosion resistance with maximum durability. Stylish, rugged, dependable, stainless steel DuraClass bodies are available for light, medium and heavy duty applications, as well as municipal snow and ice control. DuraClass stainless steel bodies are built to last and provide years of reliability and premium performance.

ow in Stainless Steel

HEAVY DUTY

Stainless Steel Reliability for the Toughest Jobs



HPT-316 with Hi-Lift tailgate and optional material spreader.

LH, HPT, HPT-316, HPT-B1 & HPT-B2

DuraClass Heavy Duty Stainless Steel Dump Bodies offer full depth rear corner posts and oversize front corner posts for strength and durability. DuraClass dump bodies also feature protected hidden tailgate hardware and heavy duty upper and lower tailgate hardware.

SIDEWINDER™

Corrosion Resistant Stainless Steel When You Need it Most



Sidewinder™ & Sidewinder Jr.™

The versatile Stainless Steel DuraClass Sidewinder and Sidewinder Jr. operate as standard dump bodies most of the year, while providing the perfect solution for spreading material during the winter months.



HPT-316 with Hi-Lift tailgate and optional material spreader.

Sidewinder Jr. with optional tarp system.



TELESCOPIC (HPT) & SUBFRAME HOISTS

HPT HOISTS

- Increased capacity
- Better stability
- Increased productivity
- Improved longevity

DOUBLE ARM SUBFRAME HOIST

Effective twin-arm leverage raises body for faster dumping cycle.

SCISSORS SUBFRAME HOIST

Premium performance with powerful double acting cylinder preventing "kick back" giving you complete positive control.



Double Arm Subframe Hoist

Accessories



LED Lights



Cabshields



Patch Gates



Tarp Rods

DuraClass - Durability that Means Business!

With over a century of experience DuraClass continues to deliver the most stylish, rugged and dependable dump bodies and hoists to the work truck industry.

DuraClass designs and manufactures a comprehensive range of premium Class 3 – 8 dump bodies, hoists, and related equipment.

All bodies shown with some optional equipment. Models and options are subject to change without notice.
Vehicles pictured may include optional installed items which may not be standard equipment.

DURACLASS®

P.O. Box 49
1425 Highway 25 North
Tishomingo, MS 38873
800.255.4345
Fax: 800.728.4345
www.duraclass.com

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ROAD WARRIOR

SHIFT TO THE HIGHER STANDARD

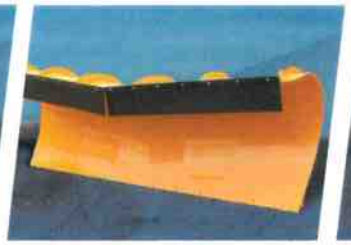


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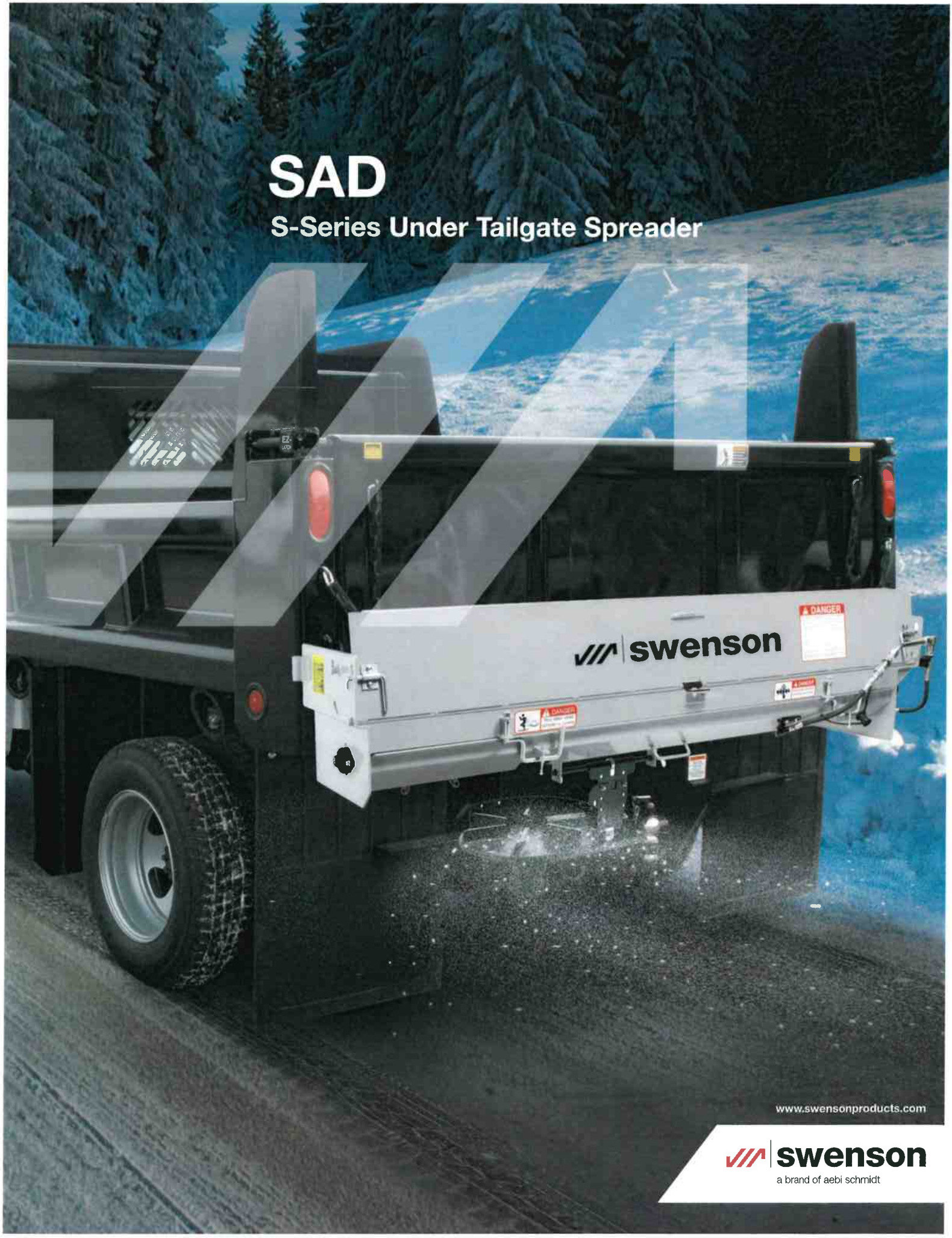






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SAD
S-Series Under Tailgate Spreader
swenson
DANGER
www.swensonproducts.com
swenson
a brand of aebi schmidt





SAD
Under Tailgate Spreader

The S-Series Under Tailgate Spreaders have height-adjustable spinners and are designed to install below the existing tailgate. This provides a variety of spreading solutions when the dump body is higher than 44 inches above the ground.

- Designed for 15,000+ GVW trucks with ground clearances greater than 44 inches
- Works with 96 in. wide dump bodies
- Mounts below dump body tailgate
- Rugged 6 in. auger with continuous/reverse flighting to unload from both sides of the dump body

Highlights

- Independent hydraulic control of auger and spinner
- Direct drive higher performance and lower maintenance
- 18 in. poly spin disc broadcasts up tp 40 ft.
- Stainless steel or carbon steel construction
- Stabilizer kit keeps spinner parallel to the road at all dump angles
- Tailgate shields
- Made in the USA

Specifications

Size	96 in. width
Conveyor	6 in. auger with continuous/reverse flighting
Drive	Hydraulic
Weight Empty	540 lbs.
Construction	Carbon steel or Stainless steel
Spread Width	4–40 ft.
Safety Features	Hydraulic safety interlock
Warranty	1 year
Accessories	Dual flow control valve controller, central hydraulic hose kit, central hydraulic 7 gallon tank kit
Controller	Purchased separately

Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, Administrator
Date: March 16, 2021
Subject: Capital Purchases – PW Capital Discussion

Summary

Discussion of FY2021 Vehicle and Equipment Purchases.

Background

The City Council authorized the purchase of a new large dump truck and the rehab of two older dump trucks in FY 20, and the City took delivery of these trucks in FY 21. This put the City's fleet of large dump trucks at 9 total: 1 new (2019), 1 almost new (2016), 2 rehabbed (2006 and 2008), and 5 older trucks (2004, 2006, 2007, 2007, and 2008).

At this time, there is approximately $66,000 remain for equipment purchases in the Public Works Capital budget ($130,000 budgeted v. $63,986 spent to date) due to savings from a lower than anticipated purchase price for our skid steer and delaying the purchase of a mower. Staff would like to use the remaining budgeted funds to purchase a much needed replacement tractor.

The proposed $680,000 plus the $66,000 remaining in the PW capital fund would be used to purchase the following vehicles and equipment:

Equipment Purchase

1. Model: John Deere 4066R With Loader
   Price: $41,414.17 (purchased with leftover FY 21 funds, no budget amendment needed)
   Expected Delivery: 4-6 weeks
   Quote: Exhibit A

   This will replace a 1999 unit with unknown hours. Our current tractor does not have enough horsepower to do what we need it to do. After 22 years of service, it is time to replace this tractor with something that better suits our needs. The new tractor will be outfitted with a 10' finish mower to help us improve our efficiency by saving us time when mowing large open areas such as treatment plants and tower sites.

2. Model: Toro Z-Master 5000 Lawn Mower
   Price: $11,300. (7% increase over last year per vendor, purchased with FY 21 budget amendment funds)
   Expected Delivery: 4-6 weeks
   Quote: Exhibit B

   Addition to the fleet to assist in mowing.

3. Model: Caterpillar 930M Wheel loader
   Price: $153,580.00 (purchased with FY 21 budget amendment funds)
   Expected Delivery: Usually 6-8 weeks. It could be longer if demand increases.
   Quote: Exhibit C

   This will replace a 2006 unit with mechanical problems, needs new tires ($12,000), and the cab is rusting severely. We looked at rehabilitation for this machine, but the cost is too great compared to the resale value.

4. Model: SP300 Dual Spray Squeegee Sealcoat Machine
   Price: $54,034.50 (purchased with FY 21 budget amendment funds)
   Expected Delivery: 4-8 weeks from order date
   Quote: Exhibit D

   A new addition to the fleet to maintain trails and parking lots.

5. Model: LineLazer 5900 Striping machine
   Price: $8,500.00 (purchased with FY 21 budget amendment funds)
   Expected Delivery: Immediate
   Quote: Exhibit E

   This is a replacement for a current unit that does not have laser guidance or the ability to stripe dual lines.

6. Grapple bucket for wheel loader
   Price: $15,000 (purchased with FY 21 budget amendment funds)
   Expected Delivery: Immediate
   Quote: Waiting for a quote, will provide when available.

Vehicle Purchase

1. Model: 1 Ton Truck with Plow (proposing 2 trucks)
   Price: $114,000 each – includes utility boxes and snowplows. (purchased with FY 21 budget amendment funds, almost certainly rolled over into FY 22)
   Expected Delivery: unknown. It could be August, could be later
   Quote: Exhibit F

   One of the proposed trucks will be a replacement for a 2004 model, and one will be an addition to the fleet. The 2004 model has 97,000 miles of hauling materials and plowing snow. It has served us well, but it is now time to replace it before anything significant goes wrong.

2. Model: Peterbilt 348 Single Axle Cab & Chassis
   Price: $216,000 - includes equipment needed to outfit the vehicle. (purchased with FY 21 budget amendment funds, almost certainly rolled over into FY 22)
   Expected Delivery:10-12 months from order date
   Quote: Exhibit G

   This will be an addition to the fleet to assist in snow removal operations. Unfortunately, It will not be here for the next plow season.

3. Model: Rehabilitation of two (2) 2007 International dump trucks
   Price: $150,000 – includes box replacement, sandblasting and painting of steel parts, new spreader, new brine tank system, new strobe lights, new hydraulic block and lines, and new plow for one of the units. (purchased with FY 21 budget amendment funds, almost certainly rolled over into FY 22)
   Expected Delivery – 3-6 months after approval.

   These will be ready for the next plow season, which is crucial. This will allow us to provide better service to the residents at a lower cost than purchasing new trucks.

EXHIBIT A

JOHN DEERE

AHW
Tomorrow's Solutions Today

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

Quote Summary

Prepared For:
Yorkville
Eric Dhuse
800 GAME FARM RD
YORKVILLE, IL 60560
Business: 630-553-4370

Delivering Dealer:
AHW LLC
George Ohara
559 South Main
Elburn, IL 60119
Phone: 630-365-6020

Quote ID: 23383293
Created On: 28 December 2020
Last Modified On: 28 December 2020
Expiration Date: 29 January 2021

Equipment Summary	Suggested List	Selling Price		Qty		Extended
JOHN DEERE 4066R Compact Utility Tractor (52 PTO hp)	$ 50,661.10	$ 41,542.11	X	1	=	$ 41,542.11
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)						
Price Effective Date: December 24, 2020						
Frontier AF11E - 6 Ft. Boom Mounted Front Blade with Manual Angle for Current 300/400/500 Series Carrier	$ 3,448.00	$ 2,872.36	X	1	=	$ 2,872.36
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)						
Price Effective Date: December 24, 2020						
Equipment Total						**$ 44,414.47**

Trade In Summary	Qty	Each	Extended
1999 JOHN DEERE 4500 - LV4500P253566	1	$ 3,000.00	$ 3,000.00
PayOff			$ 0.00
Total Trade Allowance			$ 3,000.00
Trade In Total			**$ 3,000.00**

* Includes Fees and Non-contract items

Quote Summary

Equipment Total	$ 44,414.47
Trade In	$ (3,000.00)

Salesperson : X _____

Accepted By : X _____

JOHN DEERE

AHW
Tomorrow's Solutions Today

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

SubTotal	**$ 41,414.47**
Est. Service Agreement Tax	$ 0.00
Total	$ 41,414.47
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	**$ 41,414.47**

Salesperson : X _____ **Accepted By : X** _____

JOHN DEERE

AHW
Tomorrow's Solutions Today

Selling Equipment

Quote Id: 23383293 **Customer Name:** YORKVILLE

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):
Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:
AHW LLC
559 South Main
Elburn, IL 60119
630-365-6020
dlelburn@ahwllc.com

JOHN DEERE 4066R Compact Utility Tractor (52 PTO hp)

Hours:
Stock Number:
Contract: Sourcewell Grounds Maintenance 062117-DAC (PG NB CG 70)
Price Effective Date: December 24, 2020

Suggested List *
$ 50,661.10
Selling Price *
$ 41,542.11

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
0389LV	4066R Compact Utility Tractor (52 PTO hp)	1	$ 42,657.00	18.00	$ 7,678.26	$ 34,978.74	$ 34,978.74
	Standard Options - Per Unit						
0202	United States	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
0409	English Operator's Manual and Decal Kit	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
1520	eHydro™	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
1701	Factory Installed Loader with Bucket	1	$ 7,235.00	18.00	$ 1,302.30	$ 5,932.70	$ 5,932.70
2005	Open Station with Deluxe Seat	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
2650	Less Radio	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
4061	Less iMatch™ Quick Hitch Category 1	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
5090	Less Wheel Spacer	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
5243	44x18-20 (4PR, R3 Turf, 1 Position)	1	$ -497.00	18.00	$ -89.46	$ -407.54	$ -407.54
6243	27x10.50-15 (4PR, R3 Turf, 2 Position)	1	$ 0.00	18.00	$ 0.00	$ 0.00	$ 0.00
	Standard Options Total		**$ 6,738.00**		**$ 1,212.84**	**$ 5,525.16**	**$ 5,525.16**
	Dealer Attachments/Non-Contract/Open Market						
BLV10844	Tractor Drawbar Assembly	1	$ 300.30	18.00	$ 54.05	$ 246.25	$ 246.25
BLV10050	4th and 5th Selective Control Valve Kit (OOS Only)	1	$ 965.80	18.00	$ 173.84	$ 791.96	$ 791.96
	Dealer Attachments Total		**$ 1,266.10**		**$ 227.90**	**$ 1,038.21**	**$ 1,038.21**
	Value Added Services Total		**$ 0.00**			**$ 0.00**	**$ 0.00**

JOHN DEERE

AHW
Tomorrow's Solutions Today

Trade-in

Quote Id: 23383293 **Customer Name:** YORKVILLE

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580;
DUNS#: 60-7690989

1999 JOHN DEERE 4500

SN# LV4500P253566

Machine Details

Description		Net Trade Value
1999 JOHN DEERE 4500		$ 3,000.00
SN# LV4500P253566		
Your Trade In Description		
Additional Options		
Hour Meter Reading	4213	
Total		$ 3,000.00

EXHIBIT B

RUSSO

RussoPower.com

1636 North Aurora Road
Naperville, IL 60563
630-219-2440

Sales Quote
SQ10035433

Bill-to

City of Yorkville
Scott Sleezer
800 Game Farm Road
Yorkville, IL 60560

Ship-to

City of Yorkville
Scott Sleezer
800 Game Farm Road
Yorkville, IL 60560

Quote Details

Customer ID	1039079
Customer PO	SCOTT MOWERS
Sales Rep	Paul Stebel
Document Date	7/23/2020
Shipment Method	Delivery
Terms	Net 25 EOM

Item No.	Description	Qty	List Price	Unit Price	Line Amount
72945TOR	Ride Mower / 72" / 26.5hp KohEFI /Z-Mstr 5000/Susp	0	15,348.00	10,498.00	0.00

Place your orders without the need to be in our stores!

Call, text, or email us! Keep your business running by communicating your orders electronically and arrange for delivery or will-call pick up. Be sure to utilize this as an alternative option to visiting one of our Chicagoland locations.

Visit RussoPower.com for more details.

Prices reflected on this quote are valid for 15 days

Subtotal	**0.00**
Discount	0.00
Tax	0.00
Total	**0.00**

Signature : _____

EXHIBIT C

ALTORFER CAT

121030-01

October 14, 2020

UNITED CITY OF YORKVILLE
800 GAME FARM RD
YORKVILLE, IL 60560

Attention: ERIC J DHUSE



Dear Eric J Dhuse,

We would like to thank you for your interest in our company and our products and are pleased to quote the following for your consideration.

ONE (1) NEW CATERPILLAR MODEL: 930M SMALL WHEEL LOADER WITH ALL STANDARD EQUIPMENT IN ADDITION TO THE ADDITIONAL SPECIFICATIONS LISTED BELOW:

STOCK NUMBER: TBO **SERIAL NUMBER:** TBO **YEAR:** 2021 **SMU:** 0

We wish to thank you for the opportunity of quoting on your equipment needs. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me. **In closing, we do greatly appreciate this opportunity to earn your business. We are confident that our products, backed by our unparalleled product support after the sale, will exceed your expectations.**

Sincerely,

Chad Wissen

Chad Wissen
Machine Sales Representative

ONE (1) NEW CATERPILLAR MODEL: 930M SMALL WHEEL LOADER WITH ALL STANDARD EQUIPMENT IN ADDITION TO THE ADDITIONAL SPECIFICATIONS LISTED BELOW:

STANDARD EQUIPMENT

POWERTRAIN -Axle seal guards -Auto idle shut down feature -Cat C7.1ACERT engine – Power modes (standard and performance) – Power by range (high Power in range 4) -- Tier 4 Final/Stage IV compliant – Turbocharged and aftercooled - - Filtered crankcase breather -- Diesel particulate filter – Selective catalyst reduction -Coolant protection to -34C (-29F) -Differential lock in front axle -Dry type air cleaner -Enclosed wet disc full hydraulic brakes -Fuel priming pump, automatic -Fuel water separator - Hydraulically driven demand cooling fan -Hydrostatic transmission with electronic -control – Operator modes (default, TC, hydrostat and -ice) – Directional shift aggressiveness (fast, -medium, slow) – Rim pull control, adjust wheel torque -- Creeper control, adjust ground speed -Lubed for life driveshafts -Parking brake, electric -Single plane cooling package wide 6 fins -per inch density -S-O-S port, engine, coolant, transmission -oil

HYDRAULICS -Automatic lift and bucket kickouts, -adjustable in-cab -Bucket and fork modes, adjustable in-cab -Cylinder damping at kickout and -mechanical end stops -Fine mode control (fast, medium, slow) -in fork mode -Hydraulic response setting (fast, - medium, slow) -Hydraulic diagnostic connectors and -S-O-S ports -Hydraulic sight gauge, visible -Load sensing hydraulics and steering -Seat mounted hydraulic joystick controls

ELECTRICAL -Alternator, 115-amp, heavy duty -12V power supply in cab (2) -Batteries, 1,000 CCA (2) 24 volt system, -disconnect switch -Back up alarm -Emergency shutdown switch -LED rear stop and turn lights -Heavy duty gear reduction starter -Product Link PRO w/3 year subscription -Remote jump start post -Resettable main and critical function -breakers -Roading lights front and rear

OPERATOR ENVIRONMENT -75 mm (3 in) retractable seatbelt -Automatic temperature control -Cab, enclosed ROPS/FOPS pressurized -and sound suppressed -Cup holders -External heated mirrors with lower -parabolic -Ground level cab door release - Gauges -- Digital hour meter, odometer and -tachometer – Digital ground speedometer and -direction indicator – Engine coolant temperature gauge – Fuel and diesel exhaust fluid level -indicator -- Hydraulic oil temperature gauge -Hydraulic control lockout - Interior cab lighting, door and dome -Interior rearview mirrors (2) -Lunch box storage -Operator warning system indicators -Radio ready speakers -Rear window defrost, electric -Seat mounted electronic implement -controls, adjustable -Sliding glass on the side windows -Column mounted multi-function control -- lights, wipers, turn signal -Suspension seat, fabric -Tilt and telescope steering wheel -Tinted front glass -Wet arm wiper/washer, 2-speed and -intermittent, front -Wet arm wiper washer, rear

OTHER STANDARD EQUIPMENT -Large-access enclosure doors with -adjustable close/open force -Parallel lift loader linkage - Recovery hitch with pin -Remote mounted lubrication points -Vandalism protection- -lockable compartments



MACHINE SPECIFICATIONS

930M WHEEL LOADER	541-2671
LANE 3 ORDER	0P-9003
PREP PACK, UNITED STATES	430-2943
STEERING, STANDARD	333-6850
DIFFERENTIAL, LIMITED SLIP REAR	333-6527
ENVIRONMENT, STANDARD	536-5320
WEATHER, COLD START 120V	525-5964
ENGINE	527-0422
HYDRAULICS, 3V, CPLR READY, SL	565-0933
HYDRAULICS, STANDARD	536-5283
LINES, AUX 3RD, STD LIFT	530-1623
JUMPER LINES, AUX 3RD, FUSION	445-4725
LIGHTS, AUX, HALOGEN	559-0841
LIGHTS, ROADING, HALOGEN, RH	541-3066
CAB, DELUXE	549-0451
SEAT, DELUXE	563-5967
RADIO, BLUETOOTH, AUX, MIC	372-1868
PRODUCT LINK, CELLULAR PL641	565-0908
TIRES,20.5R25 MX XHA2 * L3	366-6880
FENDERS, STANDARD	366-8148
COUNTERWEIGHT, HEAVY	552-4465
TOOLBOX AUX	491-7922
KIT, SERIALIZED TECHNICAL MEDIA	0P-2491
RIDE CONTROL	430-2860
WARNING, BEACON, LED STROBE	333-1425
SIDE MIRROR, RH	482-5167
GUARD, POWERTRAIN, LOWER	349-8165
CERTIFICATE OF ORIGIN, ENGLISH	0G-6022
PACK, DOMESTIC TRUCK	0P-0210
QUICK COUPLER, FUSION	536-5313
BUCKET-GP, 3.0 YD3, FUS	360-3322
CUTTING EDGE, BOLT ON (4 PIECE)	8E-4566
CARRIAGE, PAL C3/4, 62", FUS	532-8222
FORK TINE, 2.25" X 6" X 54" (SET OF TWO)	371-2354

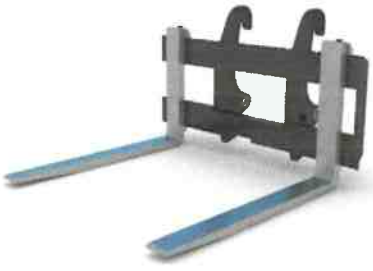
QUICK COUPLER, FUSION



BUCKET-GP, 3.0 YD3



54" PALLET FORKS



WARRANTY & COVERAGE

Standard Warranty: 12 Months/Unlimited Hours Full Machine Standard Warranty

LIST PRICE	$268,468.00
LESS GROSS TRADE ALLOWANCE	($22,500)
FREIGHT & DEALER PREP	$2,330.00
USA GOVERNMENTAL DISCOUNT	($94,718.00)
NET BALANCE DUE	**$153,580.00**
AFTER TAX BALANCE	**$153,580.00**

ADDITIONAL CONSIDERATIONS

- Delivery is 2021

TRADE-INS

Model	Make	Serial Number	Year	Trade Allowance
930G	CATERPILLAR (AA)	0TWR03117	2007	$22,500

F.O.B/TERMS:
Customer Site

EXTENDED WARRANTY OPTIONS:

Options to Add Extended Warranties: You have the option to add extended machine warranty. We can tailor these options available to you however you want. Just tell us what you need, and we will do our best to meet or exceed your expectations. Here are just a few examples of some Extended Warranty options:

Warranty	Sell
930-60 MO/3000 HR POWERTRAIN + HYDRAULICS + TECH (Tier 4)	$2,530.00
930-60 MO/3000 HR PREMIER (Tier 4)	$5,610.00
930-36 MO/3000 HR PREMIER (Tier 4)	$2,240.00
930-36 MO/3000 HR POWERTRAIN + HYDRAULICS + TECH (Tier 4)	$1,010.00

ALTORFER CAT

EXHIBIT D

Estimate

SealMaster
Pavement Products & Equipment
375 Roma Jean Pkwy
Streamwood, IL 60107
630-372-8300
630-372-2600 Fax

Date	Estimate #
12/15/2020	7335

Name / Address	Ship To
UTD City of Yorkville 800 Gamefarm Road Yorkville	UTD City of Yorkville 800 Gamefarm Road Yorkville

Terms	Project

Qty	Item	Description	Price	Total
1	E1000	Equipment, SP 300 Dual Spray Squeegee Machine	50,134.50	50,134.50T
1	P50402	Water System- 28 Gallons (Optional)	1,190.00	1,190.00T
1	P50246D	Hydraulic Operated Spray Bar (SP II Only) (Optional)	2,360.00	2,360.00T
	Freight	Freight-Delivery when shipped with stock orders	350.00	350.00

Subtotal	$54,034.50
Sales Tax (0.0%)	$0.00
Total	$54,034.50

EXHIBIT E

GRACO

LINELAZER®

Professional Airless Line Striping Systems



PROVEN QUALITY. LEADING TECHNOLOGY.

MADE IN THE USA WITH
IMPORTED HONDA® ENGINES

THERE IS NOTHING LIKE A GRACO STRIPING SYSTEM

Experienced striping contractors know the difference. Graco LineLazer professional airless striping systems are recognized as solid investments that perform reliably, year after year.

TRUST YOUR BUSINESS AND REPUTATION TO GRACO

Graco is committed to providing the highest quality electric airless striping systems available, backed by the industry's best warranty.

AMERICAN BUILT QUALITY

Quality Graco professional airless striping systems have been designed, manufactured, and assembled in the USA with global components for over 25 years.

INDUSTRY-LEADING WARRANTY

Behind every Graco striping system is the industry's strongest warranty. You may never use Graco's warranty—but if you do, we will be there.



GRACO-ONLY SOLUTIONS THAT INCREASE YOUR PROFITS:



PATENTED

STRIPING INFORMATION AT A GLANCE

LiveLook™ Display with SmartControl™

- Track, measure, and control every aspect of your job
- Accessible proof-of-job data from the J-Log™ System with USB download
- Consistent spraying pressure for perfect lines



GRACO EXCLUSIVE

AUTOMATICALLY STRIPE SKIP-LINES

Automatic Paint Gun System

- Reduce operator fatigue—push button line production
- Quality solenoid-driven system for accurate lines
- Manual, Auto, and Semi-Auto Modes



GRACO EXCLUSIVE

SIMPLIFY PARKING LOT LAYOUT

Auto-Layout II

- SmartControl measures while you walk and puts down pre-marks
- No need for measuring tape, string lines, or aerosol cans
- Cuts your layout time in half



MORE PROFITS, LESS SETUP TIME

LazerGuide™ Layout System

- Easy, one-person laser-quality line production—simply point and stripe
- Improves productivity by eliminating tape measures, string, or chalk lines
- Graco industry-leading technology



PATENT PENDING

EASY GUN ADJUSTMENTS

EasyMark™ Gun Adjustment System

- Perfect gun alignment every time with easy-to-use guide mark system



PATENTED

ELIMINATE VIBRATION

Advanced Vibration Reduction System

- Create perfect lines with field-proven performance
- Reduced vibration to your hands for all-day comfort

MADE IN THE USA WITH IMPORTED HONDA® ENGINES

GRACO EXCLUSIVE LAZERGUIDE SOLUTIONS

MORE PROFITS, LESS SETUP TIME

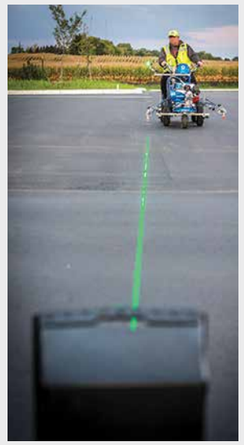
LAZERGUIDE 2000 LASER-GUIDED LAYOUT SYSTEM

Easy, one-person laser-quality line production to improve productivity and eliminate the need for tape measures, string, or chalk.



TRADITIONAL METHOD:

Requires a string line, chalk, and 2 people



LAZERGUIDE 2000 METHOD:

No string line, no chalk, and 1 person

HIGHER PRODUCTIVITY

Stop wasting time with strings, tape measures, and chalk

LESS LABOR

One-person parking lot striping

LESS FATIGUE

No more kneeling down to move string lines or measuring tapes

SIMPLE OPERATION

Just line it up with the target box and go

ACCURATE STRIPING

Straight lines every time — even in windy conditions

LAZERGUIDE 2000 LASER-GUIDED LAYOUT SYSTEM FOR:	PART #
LineLazer V HP Automatic	17T540
LineLazer V Standard	17T541
LineLazer V 250	17W270
LineLazer ES 1000/2000	17T543
LineLazer 130HS	17T544
LineLazer 3400	17U799



STRIPE STRAIGHTER THAN EVER — SIMPLY POINT AND STRIPE

1) Place the LazerGuide Target Box
2) Line Up the LazerGuide 2000
3) Stripe



Parking Lots



Intersections



Athletic Fields



EASIER, LASER-STRAIGHT LINES

LAZERGUIDE 3000 LONG-LINE LASER

Replace your clunky mechanical pointer to improve your productivity and accuracy for airports, roads, large intersections, or anywhere a straight line is needed.

LONGER DISTANCE ACCURACY

- Extend reference point up to 30 feet—not possible with a mechanical pointer

HIGHLY VISIBLE LASER GUIDE

- Quickly locate the laser on all surfaces with Blink Mode

SAFER OPERATION

- Laser is in your natural field of view

FASTER, SIMPLE OPERATION

- Increase your maneuverability with no mechanical pointer in the way
- Just line it up and go—no need to get off the machine





ACCURATE STARTS/STOPS

LAZERGUIDE 1700 START/STOP LASER

Improve the quality of your line by ensuring that your start and stop points are exactly where you want them to be. Pair with the LazerGuide 2000 or 3000 for the best possible results.

STRIPE WITH LASER ACCURACY

Line up the LazerGuide 1700 Start/Stop Laser directly under your spray tip to ensure accurate start/stop locations when striping, resulting in perfect lines every time.

LAZER GUIDE 3000 LONG LINE LASER FOR:	PART #
LineLazer V 250DC and 250SPS	17T542
LineLazer V 5900 HP Automatic and 200HS/DC HP Automatic/HP Reflective	17V405

LAZER GUIDE 1700 START/STOP LASER FOR:	PART #
LineLazer V 3900, 5900, 200HS, and 200DC HP Automatic/Reflective	25A530
LineLazer V 250DC and 250SPS	25A691
LineLazer ES 1000/2000	17P782

EXCLUSIVE ELECTRIC STRIPING SOLUTIONS

FUME-FREE, NOISE-FREE, AND VIBRATION-FREE PERFORMANCE

Only Graco offers a complete line of electric striping solutions designed to deliver quiet, fume-free performance on indoor jobs, and the power to tackle large outdoor applications.



LINELAZER ES 1000

PATENT PENDING

- The industry's first battery-powered striper
- No engine noise, vibration, or fumes
- High-capacity batteries with onboard 12 V charger
- Simply plug in to recharge
- Run on 120 V wall power—just plug it in



LINELAZER V ES 2000 STANDARD SERIES

PATENT PENDING

- Get your job done faster
- Higher output
- Supports 2-gun operation
- LiveLook Display



LINELAZER V ES 2000 HP AUTOMATIC SERIES

PATENT PENDING

- Automatic paint gun system
- Simplify layout and skip line work
- Job performance tracking
- J-Log System with USB download



MAXIMUM ELECTRIC STRIPING PRODUCTIVITY

LINEDRIVER® ES PATENT PENDING

- No engine noise, vibration, or fumes
- More accurate lines—ExactMil™ speed control and low vibration
- Get the job done fast—higher output with the electric, battery-powered LineDriver ES



INDOOR APPLICATIONS

- Warehouses
- Factories
- Parking Garages
- Indoor Sports Facilities



OUTDOOR APPLICATIONS

- Parking Lots
- Paths
- Intersections
- Airports



CHOOSE THE RIGHT STRIPER FOR YOUR BUSINESS

Graco offers a full range of LineLazer products for your straightforward re-striping jobs, and more complex layout and pattern work applications.

STANDARD LINELAZER STRIPERS

If You're a Contractor Focused on Re-striping:

- Focusing entirely on re-stripe jobs
- Bidding small-to-medium jobs
- Requiring a single-color, single gun striping solution

LINELAZER V STRIPERS



STANDARD SERIES

If You're a Higher Production Re-striping Contractor:

- Completing larger re-striping jobs
- Considering jobs with basic pattern applications
- Requiring a single-color, single or dual gun striping solution



HP AUTOMATIC SERIES

If You're a High Production Striping Contractor:

- Completing medium to large striping jobs
- Bidding new jobs requiring layout work — such as parking lots and intersections
- Delivering more complex patterns — such as city streets or bike paths
- Requiring a multi-gun, automatic system



HP REFLECTIVE SERIES

If You're a High Production Reflective Striping Contractor

- Completing mostly larger striping jobs
- Striping airports, large roadway and city projects
- Requiring a multi-gun, automatic gun system with pressurized beads

LINELAZER 3400

DEPENDABLE, ONE-GUN STRIPING

Graco's Standard LineLazer stripers deliver exceptional single-color, single-gun performance for professional contractors focusing exclusively on small to medium-sized re-stripe jobs.



The professional choice for small parking lots, mini malls, schools, seal coating contractors, and park/recreation departments.



IMPROVED TRACKING AND LINE QUALITY

Updated Frame

- Added stability with newly designed, 3-inch longer frame
- Accepts 15-gallon hopper and EZ Bead™ System



EASIER STENCIL JOBS

New Rear Mount Hose Wrap

- Easy on/off functionality

EASY-TO-REACH CONTROLS

- Fine-tune the striper without stopping
- Operator controls are located on the handlebars

REDUCED VIBRATION

New Handlebar Design

- Less operator fatigue with greater comfort and control

IMPROVED LINE QUALITY

Electronic Pressure Control

- Accurate, tight tolerance system

RELIABLE, LONG-LIFE PUMP

Endurance Chromex™ Pump

- Industry-best pump performance — field-proven design
- Handle the most demanding materials with long-life rod treatment
- 4X harder than ordinary chrome

RELIABLE, EASY-TO-START POWER

Honda® GX Engine

- Contractor preferred — excellent power and proven reliability
- Oil Alert shuts down engine to prevent damage if oil level drops too low

EASY MAINTENANCE AND LESS CLOGGING

Easy Out™ Pump Filter

- Inside-out design means less mess and fewer tip clogs

EASIER MANEUVERABILITY

Front Swivel Wheel

- Ability to stripe right up to the curb
- Makes easy work of hard-to-do curves
- Years of dependable operation with tapered locking pin design

LINELAZER 3400 STRIPER	PART #
LineLazer 3400, 1 Manual Gun	25M224

LINELAZER 130HS

EVERYDAY STRIPING CAPABILITY

The LineLazer 130HS is the preferred hydraulic airless striping unit that consistently delivers solid performance with proven power, day in and day out.



IMPROVED FRONT WHEEL ADJUSTMENT (PATENT PENDING)

EZ Align™ Wheel System

- Simple way to keep tracking straight
- No special tools needed



EASY GUN ADJUSTMENTS (PATENT PENDING)

EasyMark Gun Adjustment System

- Perfect gun alignment every time with easy-to-use Guide Mark System

EASY HANDLEBAR ADJUSTMENT

DualComfort Handlebar System

- Fits all users—easy to adjust

SIMPLE GUN CONTROL

QuikSelect™ Gun Selector (PATENTED)

- Independently control two guns with one lever—solid/skip

EASIER MAINTENANCE

Storage Compartment

- Convenient location for tips, guards, and miscellaneous items

RELIABLE, EASY-TO-START POWER

Honda GX Engine

- Contractor preferred—excellent power and proven reliability

RELIABLE, LONG-LIFE PUMP

Endurance Chromex Pump

- Industry-best pump performance—field proven design
- Handle the most demanding materials with long-life rod treatment
- 4X harder than ordinary chrome

EASY PUMP MAINTENANCE AND LESS CLOGGING

Easy Out Pump Filter

- Inside-out design means less mess and fewer tip clogs





DOUBLE YOUR PRODUCTIVITY
Add a LineDriver for unmatched performance.

LINELAZER 130HS STRIPER	PART #
LineLazer 130HS, 2 Manual Guns	17H448

LINELAZER ES 1000

QUIET, FUME-FREE STRIPING

Go Green. Powered by a 100AH AGM battery, the LineLazer ES 1000 is safe to use indoors, while having the power and performance for outdoor jobs.



No Engine Noise, Vibration, or Fumes

- Complete any job at any time without production shutdowns or disruptions
- Reduce user fatigue while delivering perfect lines on all surfaces
- Improved jobsite conditions

QUIET, RELIABLE POWER

Maintenance-Free Battery

- Sealed Lead-Acid 100AH AGM Battery
- Stripe up to 60 gallons per charge with a second battery

SIMPLE, PLUG-IN CHARGING

Onboard 120V Inverter/Charger

INFINITE SPRAY TIME

120V Capability

- Plug into 120V wall power for stationary applications

PERFECT STRIPER TRACKING

EZ Align Wheel System

- Simple front wheel alignment, no special tools needed

STABILITY FOR STRAIGHTER LINES

Exclusive LineLazer Cart

- Straighter lines from the industry's best-balanced chassis
- Accepts LineDriver user-friendly ride-on system

EASY GUN ADJUSTMENTS

EasyMark Gun Adjustment System

- Perfect gun setup every time with easy-to-use Guide Mark System
- 2-gun capability with QuikSelect Gun Selector

EASY HANDLEBAR ADJUSTMENT

DualComfort Handlebar System

- Fits all users—easy to adjust

CONSISTENT SPRAY FAN

SmartControl™ 2.5

- Eliminates pressure fluctuation for unmatched line quality

MAINTENANCE-FREE POWER

MaxPower DC Motor

- Field-proven brushless design

THE LONGEST LASTING DRIVE

Advantage Drive™

- Improved jobsite conditions with extremely quiet operation

FAST CLEANING NOW EVEN FASTER

New FastFlush™ System

- Faster motor speed to clean the pump 4X faster with only ½ the water

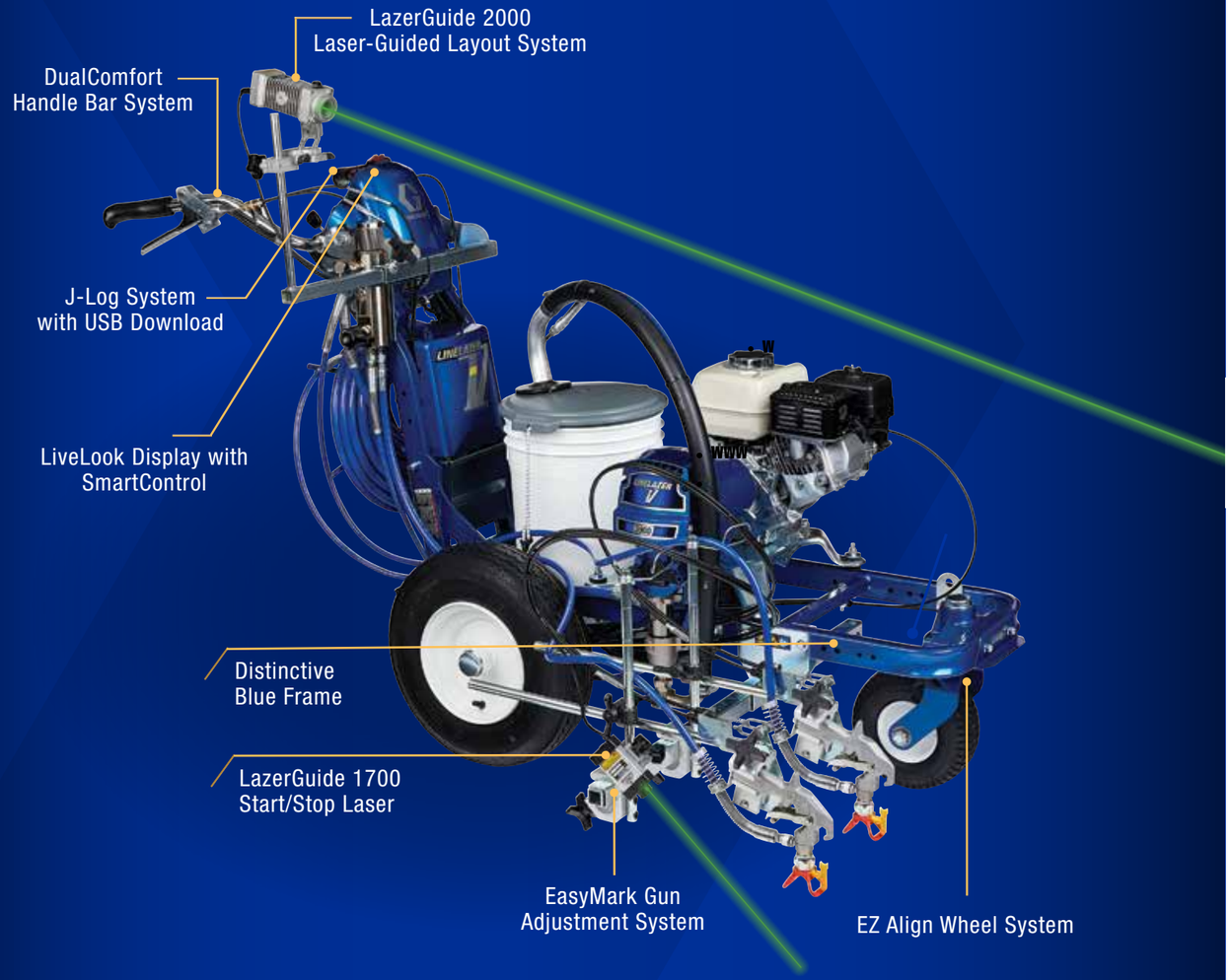


DOUBLE YOUR PRODUCTIVITY
Add a LineDriver ES for an unmatched quiet, fume-free performance.

LINELAZER ES 1000 STRIPERS	PART #
LineLazer ES 1000, 1 Manual Gun, 1 Battery	25M226
LineLazer ES 1000, 1 Manual Gun, 2 Batteries	25N784

BREAKTHROUGH INNOVATIONS
ONLY FOUND ON LINELAZER V

Exclusive Graco LineLazer V features that will decrease the time to finish a job — increasing your productivity and profitability.



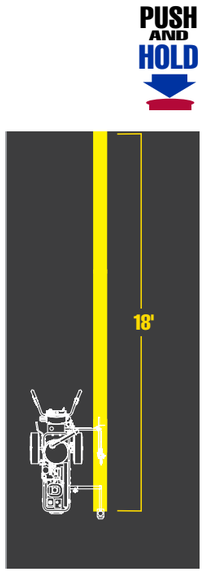
EXCLUSIVE LINELAZER V AUTOMATIC STRIPING MODES
NEVER PULL A LEVER AGAIN

Stop pulling a lever all day and eliminate jobsite fatigue. Only Graco LineLazer V HP Automatic units provide simple push button striping.

ONLY LINELAZER V OFFERS 4 DISTINCT MODES OF STRIPING:

AUTOMATIC MANUAL

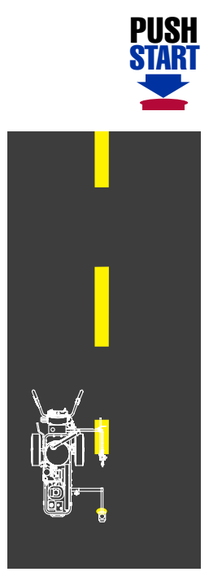
Push a button instead of pulling a lever — easy and fast



Re-stripe Jobs
Long Line Striping — City Streets
Parking Stall Stripes

AUTOMATIC

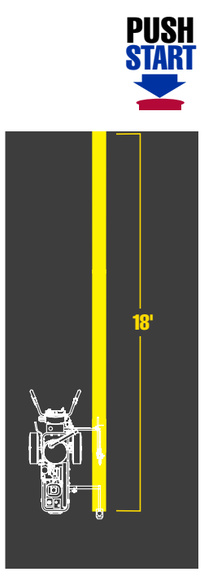
Automatic skip lines have never been easier or more accurate



Re-stripe Jobs
Parking Lot Lines — All Sizes
Road Stripes — City Streets
Skip Lines — Bike Paths

SEMI-AUTOMATIC

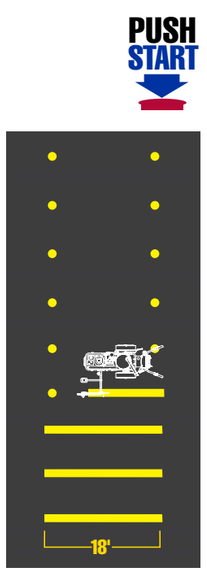
Perfect restripes for parking stalls or center line skips — push the button and it does the rest



Re-stripe Jobs
Parking Lot Lines — All Sizes
Road Stripes
(Re-stripes) — City Streets
Skip Lines — Bike Paths

AUTO-LAYOUT II

No more cans to deal with — cuts up to 50% of your layout time



New Parking Lot Layout Jobs
Raised Marker Layout
Ghost Markings for Odd Jobs

LINELAZER V ES 2000

STANDARD, FUME-FREE STRIPING

The LineLazer V ES 2000 is safe to use indoors, while having the power and performance for outdoor jobs.

NO ENGINE NOISE, VIBRATION, OR FUMES

- Complete any job at any time without production shutdowns or disruptions
- Reduce user fatigue while delivering perfect lines on all surfaces
- Improved jobsite conditions

QUIET, RELIABLE POWER

Two Sealed AGM Batteries

- Maintenance-free design
- Stripe up to 60 gallons on a single charge

SIMPLE, PLUG-IN CHARGING

Onboard 120 V Inverter/Charger

- Plug into 120 V wall power for stationary applications

EASY GUN ADJUSTMENTS

EasyMark Gun Adjustment System

- Perfect gun setup every time with easy-to-use Guide Mark System
- 2-gun capability with QuikSelect Gun Selector

IMPROVED FRONT WHEEL ADJUSTMENT

EZ Align Wheel System

- Simple way to keep striper tracking straight

CONSISTENT SPRAY FAN

SmartControl 3.0

- Eliminates pressure fluctuation for unmatched line quality

REAL-TIME JOB PERFORMANCE DATA

LiveLook Display with SmartControl

- Tracks all aspects of your job

MAINTENANCE-FREE POWER

MaxPower DC Motor

- Field-proven brushless design

RELIABLE, LONG-LIFE PUMP

Endurance Chromex Pump

- Industry-best pump performance — field proven design
- Handle the most demanding materials with long-life rod treatment
- 4X harder than ordinary chrome

THE LONGEST LASTING DRIVE

Advantage Drive

- Improved jobsite conditions with extremely quiet operation

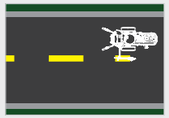


LINELAZER V ES 2000 STANDARD SERIES STRIPER	PART #
LineLazer V ES 2000, 2 Manual Guns, 2 Batteries	25N550

LINELAZER V ES 2000

FULLY AUTOMATED, FUME-FREE STRIPING

Improve your productivity by adding Automatic Guns to your LineLazer V ES 2000.



AUTOMATICALLY STRIPE SKIP LINES

Automatic Paint Gun System

- Reduce operator fatigue — push button line production
- Quality solenoid-driven system



ELIMINATE LINE LENGTH GUESSWORK

Automatic Paint Gun System

- Marker Gun Mode — perfect for parking lot layout work



VALUABLE JOB INFORMATION

J-Log System with USB Download

- Proof of job = more striping opportunities
- USB download capability allows you to capture and save all job data



Also includes all LineLazer V ES 2000 Standard Series features:

- No engine noise, vibration, or fumes
- Two sealed AGM batteries
- Onboard 12 V Inverter/Charger
- EasyMark Gun Adjustment System
- SmartControl 3.0
- LiveLook Display with SmartControl
- MaxPower DC Motor
- Endurance Chromex Pump
- Advantage Drive

DOUBLE YOUR PRODUCTIVITY

Add a LineDriver ES for an unmatched quiet, fume-free performance.



LINELAZER V ES 2000 HP AUTOMATIC SERIES STRIPERS	PART #
LineLazer V ES 2000, 2 Guns: 1 Automatic, 1 Manual, 2 Batteries	25N551
LineLazer V ES 2000, 2 Automatic Guns, 2 Batteries	25N552
LineLazer V ES 2000, 2 Guns: 1 Automatic, 1 Manual, 2 Batteries, LazerGuide 2000	25N559
LineLazer V ES 2000, 2 Automatic Guns, 2 Batteries, LazerGuide 2000	25N560

LINELAZER V 3900/5900

DEPENDABLE, ONE- OR TWO-GUN STRIPING

When it's time for 1- or 2-gun airless line striping, the LineLazer V 3900/5900 Standard Series stripers are an excellent choice. These durable striping machines deliver consistent lines for all your basic striping needs.



LineLazer V 3900
Standard shown

STANDARD SERIES



EASY GUN ADJUSTMENTS

EasyMark Gun Adjustment System

- Perfect gun setup every time with easy-to-use Guide Mark System
- 2-gun capability with QuikSelect Gun Selector



IMPROVED FRONT WHEEL ADJUSTMENT

EZ Align Wheel System

- Simple way to keep tracking straight

EASY HANDLEBAR ADJUSTMENT

DualComfort Handlebar System

- Fits all users — easy to adjust

REAL-TIME JOB PERFORMANCE DATA

LiveLook Display with SmartControl

- Tracks all aspects of your job



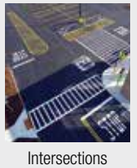
LAZERGUIDE 2000 LASER-GUIDED LAYOUT SYSTEM

MORE PROFITS, LESS SETUP TIME

Easy, one-person laser-quality line production to improve productivity and eliminate the need for tape measures, string, or chalk.



Parking Lots



Intersections



Athletic Fields



DOUBLE YOUR PRODUCTIVITY

Add a LineDriver for unmatched performance.

LINELAZER V 3900/5900 STANDARD SERIES STRIPERS	PART #
LineLazer V 3900, 2 Manual Guns	17H450
LineLazer V 5900, 2 Manual Guns	17H455

LINELAZER V 3900/5900

FULLY AUTOMATED STRIPING SOLUTION

For those advanced striping jobs that require layout work or skip lines, Graco has a solution for you with the LineLazer V 3900/5900 HP Automatic line stripers. Add the LazerGuide 2000 Laser-Layout System and remove all the guesswork.

HP AUTOMATIC SERIES

AUTOMATICALLY STRIPE SKIP LINES

Automatic Paint Gun System

- Reduce operator fatigue — push button line production
- Quality solenoid-driven system

VALUABLE JOB INFORMATION

J-Log System with USB Download

- Proof of job = more striping opportunities
- USB download capability allows you to capture and save all job data

LESS LAYOUT TIME

Auto-Layout II

- Easy to use — cuts layout time in half
- Exclusive LazerGuide 1700 Start/Stop Laser

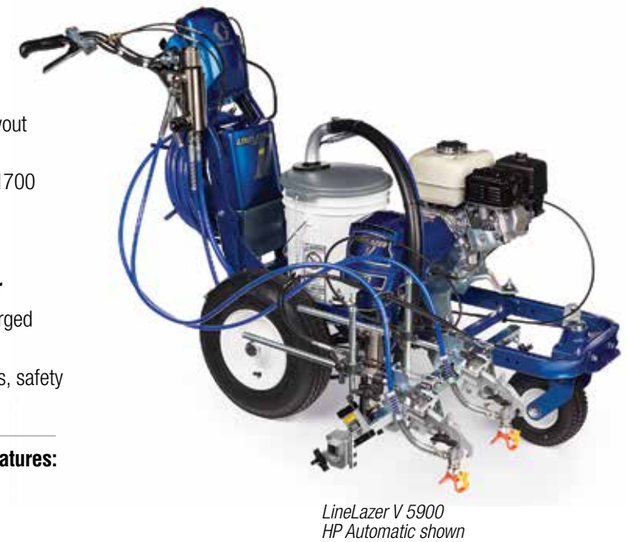
STAY CHARGED

Onboard Battery Power

- 12 V battery stays charged when unit is running
- Easily power LED lights, safety beacons, and lasers

Also includes all LineLazer V 3900/5900 Standard Series features:

- EasyMark Gun Adjustment System
- EZ Align Wheel System
- DualComfort Handlebar System
- LiveLook Display with SmartControl



LineLazer V 5900
HP Automatic shown

HIGHER PRODUCTIVITY

Stop wasting time with strings, tape measures, and chalk

LESS FATIGUE

No more kneeling down to move string lines or measuring tapes

ACCURATE STRIPING

Straight lines every time — even in windy conditions

LESS LABOR

One-person parking lot striping

SIMPLE OPERATION

Just line it up with the target box and go



Shown with
LazerGuide 2000

LINELAZER V 3900/5900 HP AUTOMATIC SERIES STRIPERS	PART #
LineLazer V 3900, 2 Guns: 1 Automatic, 1 Manual	17H452
LineLazer V 3900, 2 Automatic Guns	17H453
LineLazer V 3900, 2 Guns: 1 Automatic, 1 Manual, LazerGuide 2000	17U804
LineLazer V 3900, 2 Automatic Guns, LazerGuide 2000	17U805
LineLazer V 5900, 2 Guns: 1 Automatic, 1 Manual	17H457
LineLazer V 5900, 2 Automatic Guns	17H458
LineLazer V 5900, 2 Guns: 1 Automatic, 1 Manual, LazerGuide 2000	17U802
LineLazer V 5900, 2 Automatic Guns, LazerGuide 2000	17U803

LINELAZER V 200HS
STANDARD, HIGH PERFORMANCE SOLUTIONS

With high production features, the LineLazer V 200HS is a true workhorse designed for the most demanding jobs like large parking lot jobs, airports, and city jobs that require precise lines.

EASY HANDLEBAR ADJUSTMENT
DualComfort Handlebar System
- Fits all users — easy to adjust

IMPROVED FRONT WHEEL ADJUSTMENT
EZ Align Wheel System
- Simple way to keep tracking straight — no tools needed

EASY GUN ADJUSTMENTS
EasyMark Gun Adjustment System
- Perfect gun setup every time with easy-to-use Guide Mark System

EASY SOLID/SKIP-LINE COMBINATIONS
QuikSelect Gun Selector
- Independently control two guns with one lever — solid/skip

RELIABLE, EASY-TO-START POWER
Honda GX Engine
- Contractor preferred — excellent power and proven reliability

RELIABLE, LONG-LIFE PUMP
Endurance Chromex Pump
- Industry-best pump performance — field-proven design
- Handle the most demanding materials with long-life rod treatment
- 4X harder than ordinary chrome

EASY MAINTENANCE AND LESS CLOGGING
Easy Out Pump Filter
- Inside-out design means less mess and fewer tip clogs





DOUBLE YOUR PRODUCTIVITY
Add a LineDriver for unmatched performance.

LINELAZER V 200HS STANDARD SERIES STRIPER	PART #
LineLazerr V 200HS, 2 Manual Guns	17H461

LINELAZER V 200HS
AUTOMATIC, HIGH PERFORMANCE SOLUTIONS

The LineLazer V 200HS HP Reflective line striper is ideal for those high-production jobs that require reflective beads.

PUSH BUTTON CONTROL
Automatic, Semi-Automatic Guns
- Reduce operator fatigue — push button line production
- Takes the guesswork out of line length

VALUABLE JOB INFORMATION
J-Log System with USB Download
- Proof of job = more striping opportunities
- USB download capability allows you to capture and save all job data

LESS LAYOUT TIME
Auto-Layout II
- Easy to use — cuts layout time in half
- Exclusive LazerGuide 1700 Start/Stop Laser

STAY CHARGED
Onboard 12V Battery Power
- Stays charged when unit is running
- Easily power LED lights, safety beacons, and lasers



SUPERIOR BEAD APPLICATION PERFORMANCE
Pressurized EZ Bead System
- Ensures proper bead flow and paint penetration
- Large-volume bead tank holds up to 120 lbs

Also includes all LineLazer V 200HS Standard Series features:

- DualComfort Handlebar System
- EZ Align Wheel System
- EasyMark Gun Adjustment System
- QuikSelect Gun Selector
- Honda GX Engine
- Endurance Chromex Pump
- Easy Out Pump Filter

LINELAZER V 200HS HP AUTOMATIC SERIES STRIPERS	PART #
LineLazer V 200HS, 2 Guns: 1 Automatic, 1 Manual	17H463
LineLazer V 200HS, 2 Automatic Guns	17H464

LINELAZER V 200HS HP REFLECTIVE SERIES STRIPER	PART #
LineLazer V 200HS, 2 Automatic Guns, 1 Pressurized Bead Tank	17H465

LINELAZER V 250SPS

HIGH-VOLUME PERFORMANCE STRIPING

With exclusive automatic paint guns and hydraulic power, the LineLazer V 250SPS is a self-propelled system that is ideal for large, heavy-duty line striping jobs, including airports and streets.

APPLICATION FLEXIBILITY

Automatic Gun Control System

- Simple, push button Manual, Automatic, or Semi-Automatic guns

FAST STARTING

Electric Start

LESS REFILLING

25-Gallon (95 L) Paint Hopper

- Extended striping time with large capacity hopper

RELIABLE, ELECTRIC START POWER

Honda GX Engine

- Contractor preferred—excellent power and proven reliability

STRIPING INFORMATION AT A GLANCE

Remote Mount Control Box

- Simple to use and easy to see in all conditions

UNINTERRUPTED PERFORMANCE

Graco Hydraulic Motor

- No-Stall design

CONSISTENT, PRECISE LINES

Flex Plus Guns

- Industry-proven paint guns deliver proven performance, every time

PRECISE MATERIAL FLOW

Endurance Chromex Pump

- Consistency with a wide range of striping materials

STRAIGHTER LONG LINES

Front or Rear Gun Mount

- Use up to six guns

SIMPLE OPERATION

Exclusive Self-Centering Front Wheel

- Foam-filled, three-wheel design for stability



LINELAZER V 250SPS HP AUTOMATIC SERIES STRIPER	PART #
LineLazer V 250SPS, 2 Automatic Guns	17H467

LINELAZER V 250SPS

HIGH PERFORMANCE REFLECTIVE SOLUTIONS

The LineLazer V 250SPS HP Reflective line striper is ideal for those high-production jobs that require reflective beads.



SUPERIOR BEAD APPLICATION PERFORMANCE

Pressurized EZ Bead System

- Ensures proper bead flow and paint penetration
- Available with one or two 120 lb bead tanks

Also includes all LineLazer V 250SPS HP Automatic features:

- Automatic Gun Control System
- Electric Start
- 25-Gallon (95 L) Paint Hopper
- Honda GX Engine
- Remote Mount Control Box
- No-Stall Hydraulic Motor
- Flex Plus Guns
- Endurance Chromex Pump
- Front or Rear Gun Mount
- Exclusive Self-Centering Front Wheel

LINELAZER V 250SPS HP REFLECTIVE SERIES STRIPERS	PART #
LineLazer V 250SPS, 2 Automatic Guns, 1 Pressurized Bead Tank	17J951
LineLazer V 250SPS, 2 Automatic Guns, 2 Pressurized Bead Tanks	17H469
LineLazer V 250SPS, 2 Automatic Guns, 1 Pressurized Bead Tank, LazerGuide 3000	25D345
LineLazer V 250SPS, 2 Automatic Guns, 2 Pressurized Bead Tanks, LazerGuide 3000	25D340

LINELAZER V 200DC
DUAL COLOR STRIPING FOR SMALLER JOBS

The LineLazer V 200DC provides a cost-effective walk-behind dual color striping solution for smaller applications.

TWO UNITS IN ONE
Dual-Color Capable
- No need for separate yellow and white machines

LESS REFILLING
Large, Dual 10-Gallon Hoppers

UNINTERRUPTED PERFORMANCE
Dual Graco Hydraulic Motors
- Proven no-stall design

REAL-TIME JOB PERFORMANCE DATA
LiveLook Display with SmartControl
- Tracks all aspects of your job

STABILITY FOR STRAIGHTER LINES
Exclusive LineLazer Cart
- Straighter lines from the industry's best-balanced chassis
- Accepts LineDriver user-friendly ride-on system

EASY GUN ADJUSTMENTS
EasyMark Gun Adjustment System
- Perfect gun setup every time with easy-to-use Guide Mark System
- 2-gun capability with QuikSelect Gun Selector

IMPROVED FRONT WHEEL ADJUSTMENT
EZ Align Wheel System
- Simple way to keep unit tracking straight—no special tools needed

EASY HANDLEBAR ADJUSTMENT
DualComfort Handlebar System
- Fits all users—easy to adjust



LINELAZER V 200DC STANDARD SERIES STRIPER	PART #
LineLazer V 200DC, 2 Manual Guns	17Y231

LINELAZER V 200DC
HIGH PERFORMANCE SOLUTIONS

The LineLazer V 200DC HP Automatic and Reflective stripers are ideal for those dual color applications where increased productivity is required.

SUPERIOR BEAD APPLICATION PERFORMANCE
Pressurized EZ Bead System
- Ensures proper bead flow and paint penetration
- Large-volume bead tank holds up to 120 lbs

PUSH BUTTON CONTROL
Automatic, Semi-Automatic Guns
- Reduce operator fatigue—push button line production
- Takes the guesswork out of line length

VALUABLE JOB INFORMATION
J-Log System with USB Download
- Proof of job = more striping opportunities
- USB download capability allows you to capture and save all job data

STAY CHARGED
Onboard 12V Battery Power
- Stays charged when unit is running
- Easily power LED lights, safety beacons, and lasers



Also includes all LineLazer V 200DC Standard features:
- Dual Color-Capable
- Dual 10-Gallon Hoppers
- Dual Graco Hydraulic Motors
- LiveLook Display with SmartControl
- Exclusive LineLazer Cart
- EasyMark Gun Adjustment System
- EZ Align Wheel System
- DualComfort Handlebar System



DOUBLE YOUR PRODUCTIVITY
Add a LineDriver for unmatched performance.

LINELAZER V 200DC HP AUTOMATIC SERIES STRIPER	PART #
LineLazer V 200DC, 2 Automatic Guns	17Y269

LINELAZER V 200DC HP REFLECTIVE SERIES STRIPER	PART #
LineLazer V 200DC, 2 Automatic Guns, 1 Pressurized Bead Tank	17Y270

LINELAZER V 250DC
DUAL COLOR STRIPING SOLUTIONS

The LineLazer V 250DC is an ideal striper for large, dual color jobs.

UNINTERRUPTED PERFORMANCE
Dual Graco Hydraulic Motors
- Proven no-stall design

PRECISE MATERIAL FLOW
Endurance Endurance Chromex Pumps
- Consistency with a wide range of striping materials

SIMPLE OPERATION
Exclusive Self-Centering Front Wheel
- Foam-filled, three-wheel design for stability

ALL-DAY COMFORT
Exclusive Stand-On Platform
- Ergonomic design for standing provides optimized viewing

LESS REFILLING
Dual 15-Gallon Paint Hoppers
- Simultaneously spray two colors and refill less often

LONG LINES
Front or Rear Gun Mount
- Use up to six guns

CONSISTENT, PRECISE LINES
Flex Plus Guns
- Industry proven paint guns deliver proven performance, every time

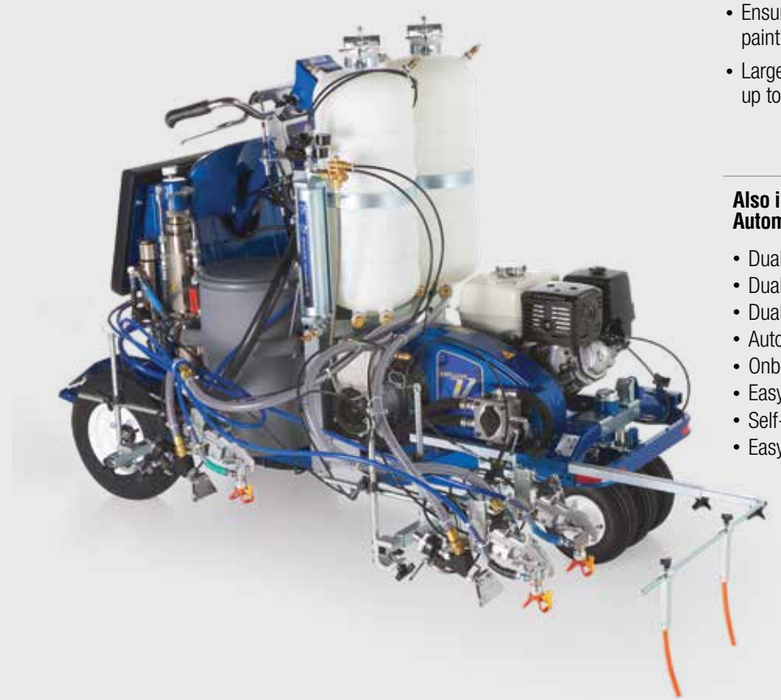
RELIABLE, ELECTRIC START POWER
Honda GX Engine
- Contractor preferred—excellent power and proven reliability



LINELAZER V 250DC HP AUTOMATIC SERIES STRIPERS	PART #
LineLazer V 250DC, 2 Automatic Guns	17H471
LineLazer V 250DC, 3 Automatic Guns	17H472

LINELAZER V 250DC
HIGH PERFORMANCE REFLECTIVE SOLUTIONS

The LineLazer V 250DC HP Reflective is ideal for large, dual color jobs that require glass beads.



SUPERIOR BEAD APPLICATION PERFORMANCE
Pressurized EZ Bead System
- Ensures proper bead flow and paint penetration
- Large-volume bead tanks hold up to 120 lbs each

Also includes all LineLazer V 250 HP Automatic features:
- Dual Color Capable
- Dual 15-Gallon Hoppers
- Dual Graco Hydraulic Motors
- Automatic, Semi-Automatic Guns
- Onboard 12V Battery Power
- EasyMark Gun Adjustment System
- Self-Centering Front Wheels
- Easy Handlebar Adjustment

LINELAZER V 250DC HP REFLECTIVE SERIES STRIPERS	PART #
LineLazer V 250DC, 2 Automatic Guns, 2 Pressurized Bead Tanks	17H473
LineLazer V 250DC, 3 Automatic Guns, 2 Pressurized Bead Tanks	17H474
LineLazer V 250DC, 2 Automatic Guns, 2 Pressurized Bead Tanks, LazerGuide 3000	25D343
LineLazer V 250DC, 3 Automatic Guns, 2 Pressurized Bead Tanks, LazerGuide 3000	25D344

LINEDRIVER AND LINEDRIVER HD

WHY WALK WHEN YOU CAN RIDE?

Graco LineDriver and LineDriver HD attachments connect to your LineLazer striper to provide the most innovative, user-friendly ride-on systems available to double your striping productivity.

SOLUTIONS THAT IMPROVE YOUR STRIPING PRODUCTIVITY

LOW-LIGHT ACCURACY

FlexBeam™ LED Light System

- New LED light for improved brightness with long life and less amp draw
- Retractable, breakaway design prevents damage and keeps you striping

RIDE WITH EASE

Patented Dual Foot Pedal System

- Adjustable pedals to fit every user
- Forward and reverse capability

EASY STARTING

Exclusive ProStart™ Engine Starting System

- Up to 50% less pulling effort to start the engine
- Outperforms other starting systems in cooler weather

ULTIMATE COMFORT

Cool-Comfort™ Seat

- Gray color stays cool in direct sunlight
- High-back seat for added support
- Extra padding for all-day comfort

RELIABLE, EASY-TO-START POWER

Honda GX Engine

- Contractor preferred—excellent power and proven reliability



LINEDRIVERS	PART #
LineDriver	262004
LineDriver HD	262005

LINEDRIVER ES

WHY WALK WHEN YOU CAN RIDE?

The Graco LineDriver ES is the quietest, most innovative, user-friendly ride-on system. Simply connect the LineDriver ES to your LineLazer striper to double your striping productivity on any indoor or outdoor job, without the engine noise, vibration, or fumes.

THE INDUSTRY'S FIRST ELECTRIC BATTERY-POWERED LINEDRIVER!

HIGH-SPEED PRODUCTION EFFICIENCY

- 10 mph maximum speed
- 9-12 hours of run time

QUIET, ALL-DAY RELIABLE POWER

High-Capacity Batteries

- Four, 6 V Sealed Lead-Acid 225 Ahr AGM Batteries

CONSISTENT LINES EVERY TIME

ExactMil™ Speed Control PATENT PENDING

- Set your speed for guaranteed perfect lines every time
- Exactly meet the mil thickness requirement—resulting in quality work with no wasted paint

SUPERIOR CONTROL AND EXTENDED RUN-TIME

SmartDrive™ Technology with Advanced Eco-Mode

- Performance and feel of a Gas-powered LineDriver
- Regenerative braking recharges batteries to extend run-time
- Eco-Mode allows for 12 full hours of run time and precise control at low speeds

SIMPLE, PLUG-IN CHARGING

Onboard 24 V Charger

- Longer battery life with extended battery-tender feature

EASY ACCESSORY CHARGING

Dedicated 12V Power Supply

- Dual "cigarette lighter" power supplies for all your accessories
- Dual LED light outputs

QUICK-VIEW POWER LEVEL

Battery Monitor System

- Displays battery level for easy recall
- Alerts user when battery is low and requires a recharge

ON-HAND STORAGE

Back Rack Storage Shelf

- Convenient storage for on-the-job supplies



EPOWER

LINEDRIVER	PART #
LineDriver ES	25N555

ACCESSORIES

LINELAZER V 3900/5900/130HS/200HS/200DC

Solenoid Kit	
25A490	Solenoid Kit. Includes 1 solenoid, cable. Will convert existing manual gun to fully automatic. Must have HP Series unit
LazerGuide 1700 Start/Stop Laser	
25A530	LazerGuide 1700 Laser Kit. Kit includes laser, laser mount, and all hardware (battery and charger not included)
25A526	Battery and charger kit for laser when used with LineLazer V Standard stripers
LazerGuide 2000 Laser-Guided Layout System	
17T540	LazerGuide 2000 Laser with LazerGuide Target Box and mounting hardware for all LineLazer V 3900, 5900, and 200HS/DC HP Automatic/Reflective
17T541	LazerGuide 2000 Laser with LazerGuide Target Box and mounting hardware for all LineLazer V 3900, 5900, and 200HS/DC Standard (battery included)
17T544	LazerGuide 2000 Laser with LazerGuide Target Box and mounting hardware for LineLazer 130HS
17T536	LazerGuide Target Box
LazerGuide 3000 Long-Line Laser	
17V405	LazerGuide 3000 Kit includes laser and all mounting hardware for LineLazer 5900, 200HS/DC HP Automatic/Reflective
Turf Tire Kit	
249082	Rear Turf Tire Kit. Includes 2 rear tires for use on turf fields
Line Pointer	
25A620	40 inch Retractable Pointer Kit. Kit Includes pointer and all necessary hardware to mount on all LineLazer V 3900, 5900, 130HS, 200HS/DC, and LineLazer ES 1000/2000 units only
Hitch Kit	
25N787	Hitch Kit. Kit includes hitch, ball, and hardware to connect to LineDriver
116913	Hitch Ball - includes lock washer and nut
LineDriver Battery Kit	
245343	LineDriver Battery Kit. Includes battery and mounting brackets
LineLazer V Light Kit	
17R473	High-output light for LineLazer V 3900, 5900, and 200HS/DC (battery and charger not included)
Bead Systems	
Bead Systems – To add either a gravity or pressurized bead system, see page 29	
Paint Hopper	
241104	Spend less time refilling and more time striping. 15-Gallon for LineLazer 3900, 5900, 130HS, and 200HS
25N622	Dual 10-Gallon Hoppers for LineLazer V 200DC
25N603	Dual 5-Gallon Bucket kit for LineLazer V 200DC
Other Kits	
25N653	Front weight kit for LineLazer V 3900, 5900, 130HS, and 200HS/DC
17Z688	3-Wheel Kit for LineLazer V 3900, 5900, 130HS, and 200HS/DC
248157	Flex Plus Airless Spray Gun - Includes RAC 5 Tip and Guard

LINELAZER V 250SPS AND 250DC

Upgrade Kit for 2-Pumps	
17K356	LineLazer V 250SPS only: add second pump kit – complete. To upgrade from single pump SPS to a 2-pump DC– kit includes paint pump, filter, hydraulic hose lines, dual 15-gallon paint tanks, and all hardware
Paint Gun Kit	
17K791	Paint Gun Kit – complete. Kit includes flex gun, LL5319 tip, guard, 7 ft 1/4 in paint hose, gun cable, gun mount
LazerGuide 1700 Start/Stop Laser	
25A691	LazerGuide 1700 Laser Kit. Kit includes laser, laser mount, and all hardware
LazerGuide 3000 Long-Line Laser	
17T542	LazerGuide 3000 Laser Kit includes laser, laser mount, and all hardware
Stencil Kits	
24G778	Paint Gun Stencil Kit includes 1 Flex Gun, 286425 tip, guard, and 50 ft x 1/4 in hose
238957	Hand Bead Applicator Kit (use with EZ Bead Pressurized Bead System) and mounting brackets. Kit includes 1 bead gun, (2) 3/4 in x 24 ft clear hoses, .234 in/.35 degree tip, 1 ft extension tube, on/off valve, and bracket to mount to paint stencil gun 24G778
19B119	Hand Bead Applicator Kit (use with EZ Bead Pressurized Bead System) - Includes 1 bead gun, (2) 3/4 in x 4 ft clear hoses and all fittings needed to connect to the LineLazer PBS System
Turf Tire Kit	
249083	Rear Turf Tire Kit includes 2 rear tires for use on turf fields. Also fits standard LineDriver
LineLazer V Light Kit	
24M598	Provides improved visibility in low-light conditions. High-output light (LineLazer 250SPS and 250DC)
Bead Systems	
Bead Systems – To add either a gravity or pressurized bead system, see page 29	
Paint Hoppers	
278452	25-Gallon Hopper. (LineLazer V 250SPS only) Includes: (1) 25-gallon hopper, lid, and straps

LINELAZER ES 1000/2000

Gun Kit	
25A491	Manual Gun Kit includes flex gun, LL5319 tip, guard, vertical gun bar, horizontal gun bar, and manual gun cable
Hitch Kit	
24Z805	Hitch Kit includes hitch, ball, and hardware to connect to LineDriver
LazerGuide 1700 Start/Stop Laser	
17P782	LazerGuide 1700 Laser Kit includes laser, laser mount, and all hardware
Line Pointer	
25A620	40 in Retractable Pointer Kit
LineLazer ES 1000 LED Light Kit	
17R472	High-output LED light for LineLazer ES 1000/2000

Gravity Bead Systems	
To add a gravity bead system, see page 29	
LazerGuide 2000 Laser-Guided Layout System	
17T543	LazerGuide 2000 Laser with LazerGuide Target Box, and mounting hardware
Paint Hopper	
17P444	Spend less time refilling and more time striping. 15-Gallon Hopper for LineLazer ES 1000 (hopper also fits LineLazer 3400)
25N710	15-Gallon hopper for LineLazer V ES 2000
Batteries	
17N448	12V 100 AH single battery
24Z724	2nd Battery Kit includes 1 battery (17N448) and battery connections

EZ BEAD DISPENSING SYSTEMS

Part No.	Product Description	Unit/Bead System Compatibility Chart				
		LineLazer		LineLazer V		
EZ BEAD GRAVITY DISPENSING SYSTEM (KITS)		ES 1000/ ES 2000	3400	3900, 5900	130HS, 200HS/DC	250SPS/ 250DC
6 inch						
277064	Complete 2-Bead Dispenser System includes: (2) 6 in Bead Dispensers, 2 Wind Deflectors, 2 Hoses, 1 Bead Hopper with brackets	●		●	●	
24M838	Complete 2-Bead Dispenser System includes: (2) 6 in Bead Dispensers, 2 Wind Deflectors, 2 Hoses, 1 Bead Hopper with brackets					●
277065	Complete 1-Bead Dispenser System includes: (1) 6 in Bead Dispenser, 1 Wind Deflector, 1 Hose, 1 Bead Hopper with brackets	●		●	●	
24M641	Complete 1-Bead Dispenser System includes: (1) 6 in Bead Dispenser, 1 Wind Deflectors, 1 Hose, 1 Bead Hopper with brackets					●
277067	Replacement Kit includes: (1) 6 in Bead Dispenser, 1Hose, 1 Wind Deflector	●	●	●	●	●
24Z726	Complete 1-Bead Dispenser System includes: (1) 6 in Bead Dispenser, 1 Wind Deflectors, 1 Hose, 1 Bead Hopper with brackets		●			
24Z727	Complete 1-Bead Dispenser System includes: (1) 12 in Bead Dispenser, 1 Wind Deflectors, 1 Hose, 1 Bead Hopper with brackets		●			
12 inch						
24N265	Complete 1-Bead Dispenser System includes: (1) 12 in Bead Dispenser, 1 Wind Deflector, 2 Hoses, 1 Bead Hopper with brackets	●		●	●	
24N267	Complete 1-Bead Dispenser System includes: (1) 12 in Bead Dispenser, 1 Wind Deflector, 1 Hose, 1 Bead Hopper with brackets					●
245516	Replacement Kit includes: (1) 12 in Bead Dispenser, 1 Hose, 1 Wind Deflector	●		●	●	●
				LineLazer V		
EZ BEAD PRESSURIZED DISPENSING SYSTEM (KITS)				3900, 5900	200HS/DC	250SPS/ 250DC
16R962	Complete 1-Bead Gun Pressurized System includes: 1 Bead Gun, 1 Bead Tank with brackets, 1 Compressor and 1 Air Tank					●
16R961	Complete 2-Bead Gun Pressurized System includes: (2) Bead Guns, 1 Bead Tank with brackets, 1 Compressor and 1 Air Tank					●
16R955	Complete 1-Bead Gun Pressurized System includes: 1 Bead Gun, 1 Bead Tank with brackets, 1 Compressor and 1 Air Tank				●	
16R960	Complete 2-Bead Gun Pressurized System includes: 2 Bead Guns, 1 Bead Tank with brackets, 1 Compressor and 1 Air Tank				●	
16U439	2nd Pressurized Bead Tank Kit includes: 1 Bead Tank with mounting hardware					●
16R963	Pressurized Bead Gun Kit includes: 1 Bead Gun, (1) .234 and (1) .281 Tip, Clear Hose and hardware				●	●

LINELAZER RAC® 5 SWITCHTIP™ SPRAY TIPS

Graco's complete line of LineLazer SwitchTip spray tips have the right tip for all your striping needs.

LINE WIDTH IN	LINE WIDTH MM	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043
2-4	(51-102)	213	215	217	219										
4-6	(102-152)		315	317	319	321	323	325	327	329	331	333	335	339	343
4-8	(102-204)			417	419	421	423	425	427	429	431		435	439	443
8-12	(204-305)					621	623	625	627	629	631		635	639	643
Flow Rate (gpm)		.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98
Flow Rate (lpm)		.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	6.18	7.51



*Chart indicates the SwitchTips orifice size in inches.



LINELAZER SPECIFICATIONS

		LINELAZER ES 1000	LINELAZER V ES 2000					LINELAZER 3400
SPECIFICATIONS	Maximum Tip Size	0.025	0.033					0.027
	Maximum psi (bar)	3300 (227)	3300 (227)					3300 (227)
	Maximum gpm (lpm)	0.60 (2.3)	1.10 (4.1)					0.75 (2.8)
	Applications	Turf and Pavement	Turf and Pavement					Turf and Pavement
	Honda GX Engine cc (hp)	N/A	N/A					120 (4.0)
	Weight lb (kg)	340 (154) - 1 Battery 410 (186) - 2 Battery	430 (195) Standard 440 (200) HP Automatic					160 (73)
	Gun Support: 1 Gun 2 Guns 3 Guns 4 Guns 5 Guns	 0.025 – – – –	 0.033 0.025 – – –					 0.027 – – – –
	SERIES TYPE	STANDARD	STANDARD	HP AUTOMATIC				STANDARD
MODEL	Part Number	25M226 – 1 Battery 25N784 – 2 Battery	25N550 – 2 Battery	25N551 – 2 Battery	25N552 – 2 Battery	25N559 – 2 Battery	25N560 – 2 Battery	25M224
INCLUDES	Gun(s)	Flex Plus 2 Manual	Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus
	Hose	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	3/8 in x 22 ft (9.5 mm x 6.7 m) BlueMax II Airless					1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless
	Laser			LazerGuide 1700 Start/Stop Laser				
	Laser					LazerGuide 2000 Laser-Guide Layout System		
	SwitchTip	LineLazer RAC 5	LineLazer RAC 5					LineLazer RAC 5
	Easy Out Filter	60 Mesh	50 Mesh					60 Mesh
PUMP	Type	ProConnect	QuikChange System					QuikChange System
	Intake	QuikAccess	QuikAccess					QuikAccess
	Rod	Chromex	Chromex					Chromex
	Cylinder	Hardened SST	Hardened Stainless Steel					Hardened SST
	Packings	V-Max Blue	V-Max Blue					V-Max Blue
TRACKING FUEL TANK	Tracking System	N/A	SmartControl					N/A
	Fuel Capacity gal (ltrs)	N/A	N/A					0.66 (2.5)

LINELAZER 130HS	LINELAZER V 3900					LINELAZER V 5900				
0.037	0.036					0.043				
3300 (227)	3300 (227)					3300 (227)				
1.30 (4.9)	1.25 (4.7)					1.60 (6.0)				
Turf and Pavement	Turf and Pavement					Turf and Pavement				
120 (4.0)	120 (4.0)					160 (5.5)				
263 (119)	230 (104) Standard Unit 240 (109) HP Automatic Units					250 (113) Standard Unit 266 (121) HP Automatic Units				
0.037 0.029 – – –	0.036 0.025 – – –					0.043 0.029 – – –				
										
STANDARD	STANDARD	HP AUTOMATIC				STANDARD	HP AUTOMATIC			
17H448	17H450	17H452	17H453	17U804	17U805	17H455	17H457	17H458	17U802	17U803
Flex Plus	Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic
3/8 in x 22 ft (9.5 mm x 6.7 m) BlueMax II Airless	3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless					3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless				
		LazerGuide 1700 Start/Stop Laser					LazerGuide 1700 Start/Stop Laser			
				LazerGuide 2000 Laser-Guided Layout System					LazerGuide 2000 Laser-Guided Layout System	
LineLazer RAC 5	LineLazer RAC 5					LineLazer RAC 5				
50 Mesh	50 Mesh					50 Mesh				
QuikChange System	QuikChange System					QuikChange System				
QuikAccess	QuikAccess					QuikAccess				
Chromex	Chromex					Chromex				
Hardened SST	Hardened Stainless Steel					Hardened Stainless Steel				
V-Max Blue	V-Max Blue					V-Max Blue				
N/A	SmartControl					SmartControl				
0.66 (2.5)	0.66 (2.5)					0.95 (3.6)				

		LINELAZER V 200HS	LINELAZER V 200DC
SPECIFICATIONS	Maximum Tip Size	0.047	0.047
	Maximum psi (bar)	3300 (227)	3300 (227)
	Maximum gpm (lpm)	2.15 (8.1)	2.15 (8.1)
	Applications	Turf and Pavement	Turf and Pavement
	Honda GX Engine cc (hp)	200 (6.5)	200 (6.5)
	Weight lb (kg)	306 (139) Standard Unit 322 (146) HP Automatic Units 417 (153) HP Reflective Unit with Pressurized Bead System – 1 Tank	381 (173) Standard Unit 397 (180) HP Automatic Unit 492 (223) HP Reflective Units With Pressurized Bead System – 1 Tank
	Gun Support: 1 Gun 2 Guns 3 Guns 4 Guns 5 Guns	 0.047 0.034 – – –	 0.047 0.034 – – –








SERIES TYPE		STANDARD	HP AUTOMATIC		HP REFLECTIVE	STANDARD	HP AUTOMATIC	HP REFLECTIVE
MODEL	Part Number	17H461	17H463	17H464	17H465	17Y231	17Y269	17Y270
INCLUDES	Gun(s)	Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Manual	Flex Plus 2 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK
	Hose	3/8 in x 22 ft (9.5 mm x 6.7 m) BlueMax II Airless				2X 3/8 in x 12 ft (9.5 mm x 3.7 m) BlueMax II Airless		
	Laser		LazerGuide 1700 Start/Stop Laser				LazerGuide 1700 Start/Stop Laser	
	Laser							
	SwitchTip	LineLazer RAC 5				LineLazer RAC 5		
	Easy Out Filter	50 Mesh				50 Mesh		
PUMP	Type	QuikChange System				QuikChange System		
	Intake	QuikAccess				QuikAccess		
	Rod	Chromex				Chromex		
	Cylinder	Hardened Stainless Steel				Hardened Stainless Steel		
	Packings	V-Max Blue				V-Max Blue		
TRACKING FUEL TANK	Tracking System	SmartControl				SmartControl		
	Fuel Capacity gal (ltrs)	0.95 (3.6)				0.95 (3.6)		

		LINEDRIVER	LINEDRIVER HD	LINEDRIVER ES
MODEL	Part Number	262004	262005	25N555
SPECIFICATIONS	Operating Speed: Forward mph(km/h Reverse mph (km/h)	to 10 (16) to 6 (10)	to 10 (16) to 6 (10)	to 10 (16) to 6 (10)
	Honda GX Engine Size cc (hp)	160 (5.5)	200 (6.5)	N/A
	Weight lb (kg)	265 (120)	275 (125)	550 (250)
	Fuel Capacity gal (ltr)	.95 (3.6)	.95 (3.6)	N/A
	Engine Starting System	Manual Pull	ProStart	N/A



LINELAZER V 250SPS	LINELAZER V 250DC
0.055	0.055
3300 (227)	3300 (227)
2.50 (9.5)	2.50 (9.5)
Turf and Pavement	Turf and Pavement
390 (13.0) Electric Start	390 (13.0) Electric Start
666 (302) HP Automatic Units 778 (352) HP Reflective Unit with Pressure Bead System-2 Tanks	752 (341) HP Automatic Units 864 (392) HP Reflective Units with Pressure Bead System-2 Tanks
0.055 0.039 0.031 0.025 0.021	0.055 0.039 0.031 0.025 0.021






HP AUTOMATIC	HP REFLECTIVE				HP AUTOMATIC		HP REFLECTIVE			
17H467	17J951	17H469	25D345	25D340	17H471	17H472	17H473	17H474	25D343	25D344
Flex Plus 2 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 2 Automatic	Flex Plus 3 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 3 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 3 Automatic, PBS INSTALLED 2 TANKS
3/8 in x 12 ft (9.5 mm x 3.7 m) BlueMax II Airless					2X 3/8 in x 12 ft (9.5 mm x 3.7 m) BlueMax II Airless					
			LazerGuide 3000 Long-Line Laser						LazerGuide 3000 Long-Line Laser	
LineLazer RAC 5					LineLazer RAC 5					
50 Mesh					50 Mesh					
QuikChange System					QuikChange System					
QuikAccess					QuikAccess					
Chromex					Chromex					
Hardened Stainless Steel					Hardened Stainless Steel					
V-Max Blue					V-Max Blue					
SmartControl					SmartControl					
1.40 (5.3)					1.40 (5.3)					

SPRAY WITH CONFIDENCE

Warranty Spray Protection

Behind every piece of equipment we manufacture is the industry's strongest warranty. You may never need to use Graco's warranty — but if you do, we will be there.

3-YEAR WARRANTY*
Coverage against defects in materials and workmanship on the entire striper.

30-DAY "JUST ADD PAINT" REPLACEMENT GUARANTEE*
Dissatisfied? Simply return the striper to the place you bought it within 30 days. They'll either exchange it for an identical striper or you can trade-up to a larger striper at an additional cost.

DOWNTIME ELIMINATOR PROGRAM*
Part needed for a warranty repair not in stock at your distributor? Get FREE next business day air freight delivery when distributor orders the part by 2 p.m. CST.

Nobody Else Builds Stripers Like This.

**NORTH AMERICA ONLY. See your local Graco Distributors for country specifics. See printed product warranty for complete warranty terms and conditions.*

ENDURANCE™ ADVANTAGE PROGRAM

Finish Every Job, Every Time

Downtime is costly. With the Endurance Advantage Program, you'll never need to worry about it again. Depending on the sprayer you purchase:

Receive up to 70% OFF the list price of an Endurance Pump
OR — Receive a FREE Repair Kit if you'd rather repack your own pump.

Follow the registration instructions included with your sprayer.

A+ SERVICE to every customer, every time

Every Graco purchase comes with A+ Customer Service.

Questions?
Call (844) 241-9499

For more information visit graco.com

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EXHIBIT F

Ford F350 Pickup Specs for Illinois Local Government Agencies Pg 2

Bob Ridings Fleet Sales Program

Todd Crews, Fleet Sales Mgr.

Ph. 217-824-2207 *931 Springfield Rd* *E-Mail*
Fax 217-824-4252 *Taylorville IL 62568* *toddfleet@aol.com*

Ordering Agency: CITY OF YORKVILLE Ford Fleet # _____ Quantity: 1

Contact Person: ERIC DAHSE Purchase Order # _____

Address: 800 GAME FARM RD City & Zip: YORKVILLE 60560 Cost Each $ 53,695

Phone: 630-878-7102 Fax/Email: EDHUSE@YORKVILLE.IL.US TOTAL ORDER COST $ 53,695

STEP 1, SELECT Your F350 Model *XL Standard Package Equipment Includes:* *See more at www.ford.com*

6.2 Litre E85 V-8 w/385 HP & HD 10spd Automatic Power Steering & Brakes & 4 Wheel Disc Anti Lock Brakes & Advance Trac
LT245/75R17E Tires w/Full Size Spare w/17" Silver Styled Steel Wheels 34 Gal Fuel Tank (29 Gal w/Diesel Short Bed)
Trailer Pkg. w/650 CCA Battery & ***HD 200 Amp Alternator*** Intermittent Wipers Front & Side Air Bags
HD Oil & Trans Coolers, Class V Trailer Hitch and Wiring Extendable Trailer Mirrors AutoLamp On/Off Headlamps
Air Conditioning AM/FM Stereo **NOW includes SYNC Bluetooth AND Rearview Camera w/Dash Screen (with pickup bed)**
XL Trim w/40/20/40 Vinyl Split Seat & Full Vinyl Floor Covering Black Grille & Bumpers & HD Front Tow Hooks
3/36 Basic Warranty, 5/60 Powertrain *4x4 Models Also Include Solid Front Axle & 2spd ELECTRIC Shift on the Fly 4x4*

SINGLE Rear Wheels, 10,100 min GVWR (optional 18" wheels & tires add capacity, inquire)

X *2021 F350 REGULAR Cab Pickup w/8ft Bed*	___ *2wd $26,975.00*	X *4x4 $29,595.00*
___ *2021 F350 SUPER Cab* *w/6.75ft SHORT Bed*	___ *2wd $29,075.00*	___ *4x4 $31,575.00*
SUPER Cab includes *w/8ft LONG Bed*	___ *2wd $29,250.00*	___ *4x4 $31,750.00*
Flip-Out Cab Access Doors & Folding Rear Bench Seat.		
___ *2021 F350 CREW Cab* *w/6.75ft SHORT Bed*	___ *2wd $30,195.00*	___ *4x4 $32,750.00*
CREW Cab includes *w/8ft LONG Bed*	___ *2wd $30,370.00*	___ *4x4 $32,925.00*
FULL Rear Doors & FULL Rear Bench Seat.		

OPTIONAL ENGINES
X ***NEW 7.3 Litre V8,*** Includes HD 10spd Automatic, 430 horsepower, 475 lb Torque ***$1675.00***
___ ***6.7 Powerstroke Turbo Diesel V8,*** w/Dual Alternators & Batteries & 100,000 mi Warranty ***$9550.00***

STEP 2, SELECT Paint Color and Interior (Includes Med Gray Interior)

___ (Z1) White ___ (M7) Carbonized Gray ___ (PQ) Bright Race Red *SPECIAL Paint (Inquire)*
X (JS) Silver ___ (HX) Antimatter Blue ___ (UM) Agate Black

___ *School Bus Yellow $635.00*
___ *Omaha Orange $635.00*
___ *Dk Green Gem $635.00*

XL INTERIOR ___ Vinyl 40/20/40 Split Bench Seat Standard ___ *(1S) Cloth 40/20/40 Split Bench (Std w/XLT)* $95.00
___ *WITH CREW CAB* $285.00

STEP 3, SELECT Options & Equipment for XL Base Model (All Items this section INCLUDED w/XLT)

___ ***XL Value Pkg*** w/Cruise & Chrome Bumpers ***$375.00***
___ ***Cruise Control ONLY $215.00***
___ ***Power Windows/Locks/Mirrors & Remote Keyless***
___ ***Reg & Super Cab $835.00*** ___ ***Crew Cab $1035.00***

___ ***STX UPGRADE Pkg,*** Includes XL Value Pkg PLUS Chrome Grille & 18" Aluminum Wheels w/LT275/70R18 Tires ***$1825.00***
___ ***18" Tires (ADD 500-1000 lb GVWR, INQUIRE) $425.00***
___ ***Fleet Driver Assistance Pkg,*** Includes BLIS Blind Spot System WITH Cross Traffic Alert, Lane Keeping Alert, PreCollision Assist with Forward Collision Warning and Automatic High Beams ***$950.00***

___ 110V Power Outlet $175.00
___ SIRIUS XM Radio $175.00
___ Chrome Bumper Décor Pkg $210.00
___ Built in Factory Trailer Brake $249.00
___ SYNC 3 w/8" TouchScreen Control $425.00

Preliminary 2021 Introductory Information, contact me to review your selections before ordering!!

X XLT UPGRADE PACKAGE, *Includes XL AND STX Standard AND OPTIONAL Equipment on Pg 2, PLUS*
Sirius Radio, Chrome Grille & Bumpers, 18" Aluminum Wheels, Co-Pilot 360 Driver Assist Pkg, SYNC 3 w/8" TouchScreen, Cloth 40/20/40 Split Bench Seat PLUS MORE!!!
SPECIFY ___*Full Vinyl Floor Covering* ___*Carpeted Floor w/Mats*

X *REGULAR Cab* $4675.00
___ *SUPER Cab* $4975.00
___ *CREW Cab* $5475.00

XLT OPTIONS ___ (2S) Bucket Seats & Full Size Console w/Armrest & Storage (Super & Crew Cab Only) $895.00

___ *XLT VALUE PKG* Includes Power Driver Seat & Keyless Entry Keypad (17V)(Super & Crew Cab also include power adjustable pedals) ___Regular Cab $1395.00 ___Super & Crew Cab $1525.00

___*XLT PREMIUM PKG* (17P)(Super & Crew Cab ONLY) Includes Power Driver AND Passenger Seats, HEATED Seats, Chrome Pkg Including Wheels, Door Handles, Tow Hooks, Mirror Covers & Tubular Step Bars. Keyless Keypad, Power Pedals, Fog Lamps, Reverse Sensing System, and PowerScope Mirrors *$3150.00*

___(53R) Ultimate Trailer Tow Camera System w/Backup Assist, Includes 360 Degree Camera System & Trailer Reverse Guidance $1550.00

___Fog Lamps $125.00
___Power Adjust Pedals $125.00

___ PowerScope Power Folding Trailer Mirrors w/Utility Lights $275.00

___GPS Navigation $565.00

2021 F350 FACTORY OPTIONS for all Models
**WORK ESSENTIALS We STRONGLY ENCOURAGE the following (*) important equipment for EVERY WORK TRUCK!!!*

X **AUXILIARY HELPER SPRINGS & Rear Stabilizer Bar $150.00*
___**Electronic Locking Axle* (posi-traction/anti-spin axle) *$360.00*

X **All Terrain Tires* ___*w/Standard XL 17" Wheels $150.00*
X *18" Wheels, STX or XLT $250.00*

X **4x4 Snowplow Prep Pkg $230.00*
(REQUIRED for Plow Use, Incl HD Front Springs)
X Extra HD 240 Amp Alternator $80.00
X Dual Batteries w/Gas V8 $200.00
(Diesel Includes Dual Batteries & Dual Alternators)

___ 2wd Heavy Serv. Suspension (for 2wd w/Service Body) $125.00
___ Factory Upfitter Switch Panel w/6 Switches $150.00
___ 4x4 Skid Plate Pkg (Super Cab & Crew Cab Only) $100.00
___ PTO Provision (REQUIRES Diesel or 7.3 V8) $275.00
___ Built in Factory Trailer Brake (with XL, Included w/XLT) $249.00

___ Engine Block Heater $95.00
___ Daytime Running Lights $45.00
___ Factory Backup Alarm $135.00
___ Factory Remote Start $230.00
___ CNG/LPG Prep Pkg (Inquire) $300.00

___ Deep Tinted Rear Glass & Rear Defogger (with XL) $90.00
___ Rear Defogger w/XLT (Deep Tint Std) $60.00

___ Deep Tint Glass & Pwr Sliding Rear Window (with XL) $425.00
___ Pwr Sliding RR Window w/XLT $395.00
(Sliding Window with Super Cab & Crew Cab Only)

(*) DIESEL ONLY OPTIONS (inquire)
___**HD Trailer Pkg, 30,000 GCWR $1095.00*
___**WITH HD Backup Assist (inquire) $2695.00*
___**Manual Operator Regen (Inquire) $250.00*
___**Rapid-Heat Supplement Cab Heater $250.00*

RUNNING BOARD OPTIONS (a MUST for 4x4s, Inquire)

___*FACTORY Black Running Boards* ___*Regular Cab* *$320.00*
___*Super or Crew* *$425.00*
___*Molded Mudflaps, Set of 4* *$120.00*

X STAINLESS Aftermarket Tubular Cab Steps ___Black $450.00 X Polished $550.00

___Tubular Front Brush/Grille Guard ___Black Steel $695.00 ___Polished Stainless $995.00

INTERIOR AND BODY PROTECTION

___Door Edge Guards, Black $30.00
___HD Deep Groove Rubber Floor Mats $75.00
X WeatherTech Premium Floor Liners X Front Pr $140.00 ___ Frt & Rear $225.00

___Vent Visors, Smoke Acrylic ___Frt Pair $89.00 ___Set of 4 $125.00

___Bug Deflector, Smoke Acrylic $130.00

FACTORY TRAILERING OPTIONS (Not Available w/Service Body)

___ GOOSENECK Pkg w/Ball & Factory Prep Pkg $695.00
___ 5TH WHEEL Hitch Pkg, 18,000 lb Rating, Includes Factory Prep Pkg w/Bed Reinforcements & Wiring $1495.00
___Factory Bed Prep Pkg ONLY (inquire) $455.00

EXTRA KEYS (2 Std) X ADD Programmed Key w/NO Remote $70.00 ea
___ADD Key & Remote Combo $195.00 ea
___Factory CD Rom Service Manual $275.00

PICKUP BED OPTIONS (Not Avail w/Svc Body)

___LED Bed Courtesy Lighting $60.00
___Factory Tailgate Step w/Assist Handle $350.00
___Reverse Sensing System $275.00
___Soft Folding Tonneau Cover (21D) $525.00
___Hard Folding Tonneau Cover (21E) $995.00
___Retractable Tonneau Cover (21J) $1695.00
___Molded Plastic Drop In Bedliner $335.00
___**FACTORY Spray in Bedliner** **$575.00**

___**RHINO Liner Spray in Bedliner** **$650.00**
___**Undercoat** **$269.00**

___Rearview Camera Kit WITH Service Body or Bed Delete (NOTE additional cost to install, inquire) $395.00

PENDING 2021 introductory information, contact me to review your selections before ordering!!

X ***KNAPHEIDE 8ft Service Body Package*** Replaces Factory Pickup Box and Bumper with 8ft Service Body. Model 696J w/E-Coated Steel, Standard 40" Height, Includes 3 Compartments Per Side 14" Deep w/Std. Shelving Pkg. 96"x 49" Treadplate Floor, Stainless Hinges & Paddle Latches, Slam Latch Tailgate ***$6995.00***
See at www.knapheide.com

___*ADD Flip Top Body $1000.00*

___*ADD Compartment Power Locks, Wired to Factory Truck Power Locks & Remote!! $1195.00*

___*LED Rope Lighting in Compartments $995.00*

___Manual Master Locking System $545.00

X **Knapliner Spray Lined Rear Bumper** **$150.00**
X **Knapliner Spray in Bedliner**, Cargo Area $995.00

OPTIONS AVAILABLE **Paint** ___**White or** ___**Black** **No Cost**
___Paint to Match for other Colors Inquire

___Pintle/Ball Combo Hitch $295.00
___Hot Stick Compartment Door $475.00
___Rear Grab Handles $65.00
___Frt Corner Alum Rock Guards $120.00
___Rear Bumper Vise Bracket $150.00

___ WEATHERGUARD Model 1225 Ladder Rack (1000 lb, 72" Wide) $1725.00
___ADD Model 1259 Screen Cab Protector for 1500 lb Capacity $2175.00

CTECH Premium Aluminum Drawer Systems, Installed in Knaphiede Compartments
___5 Drawer in Front Vertical Compartment, __Left or __Right Side $1250.00 ea
___2 Drawer in Horizontal Compartment, __Left or __Right Side $995.00 ea
___5 Drawer in Front Vertical Compartment, __Left or __Right Side $1125.00 ea

___**GO Light Work Area Spotlight** Mounted On Post at Front Corner of Body at Cab Height, Remote Control Operation $895.00

TOMMYGATE G2 LIFTGATE ___1300 lb Capacity, includes Black Steel Platform with 11" Folding Extension, Model 54 & 60 **$3775.00**
(Not available w/Toppers, includes backup camera relocate w/pickups) ___USE ALUMINUM Platform $695.00

RAMSEY WINCHES
___ Front Mount, 6000lb, Remote Controls, 95ft Cable w/Hook, Includes Black Grille Guard $3385.00
___ REAR MOUNT 8000lb, Remote, Cable, Removable TRAILER HITCH Mount $2685.00

EMERGENCY LIGHTING
___ **Federal "Highlighter" 15" LED Amber Light Bar**
___ **WITH Special CHMSL Platform** **$875.00**
___ **WITH BACKRACK Cab Protector** **$945.00**

___**Federal 6" Round LED Amber Strobe WITH BACKRACK Cab Protector** **$825.00**

___**BACKRACK Cab Protector ONLY** **$450.00**

X **Federal 4 Way Built in Parking Lamp Strobes, Amber LED, Our most popular $695.00**

A.R.E. PICKUP CAP/TOPPERS PHOTOS & INFO at www.4are.com

___**LS II FIBERGLASS HARD TONNEAU LID** **$1545.00**
Clamped to Bedrails, Std Body Colors, Raises w/Hydraulic Struts

___**V SERIES FIBERGLASS CAP TOPPER, Cab Height** **$1745.00**
Bolted to Bedrails, Std Body Colors, Deep Tint Sliding Side Windows
___ ADD Sliding Front Window $125.00
___ Use Solid Sides, NO Side Glass No Cost
___ SWING UP Side Windows $275.00
___ EXTRA Height Wedge Top $425.00
___Install Clamped w/Aluminum Clamps $30.00

___ **Cargo Glide from A.R.E** Available with any A.R.E Cap or Lid
Contractor Grade, 4" Aluminum Side Rails, 70% Extension
___1000lb Classic $1095.00
___1500lb Cargo Glide Pro $1495.00
___2200lb Cargo Glide Pro HD $1695.00
___1500lb w/100% Extension $1995.00
___2200lb w/100% Extension $2295.00

___**DCU COMMERCIAL ALUMINUM CAP** **$1895.00**
.035 Aluminum, Painted White, Cab High, Includes Swing-Up Rear Gate & Side Doors w/NO Windows
___ EXTRA HEIGHT 6" Taller Roof $175.00
___ SPECIAL PAINT Color (inquire) $300.00
___ Swing Out Rear Double Doors $400.00
___Roof Liner $100.00

WINDOW OPTIONS
___NO Windows Standard
___Front & Rear Glass $195.00
___Front, Rear & Sides $295.00

SIDE DOOR OPTIONS
___NO Doors, Solid Sides No Cost
___Side Windows $295.00
___Built In Tool Bins $300.00
___Shelving Options, $200.00
___Dome Lamps, Inquire
___Ladder Rack, 220 lb Capacity $200.00
___Deluxe Locking Ladder Rack $725.00
___SPECIAL Amber LED Strobe System Inquire

PENDING 2021 introductory information, contact me to review your selections before ordering!!

WEATHERGUARD ALUMINUM TOOLBOXES
Bright Treadplate Aluminum Premium Toolboxes

___Front Crossbox, ___ Single Lid $895.00
___ Double Lid $995.00

___Side Boxes, ___ Left or ___Right Side $775.00
___ Pair, BOTH Sides $1490.00

___HIGH Side Box ___ Left or ___Right Side $995.00
___Pair, BOTH Sides $1890.00

UWS ALUMINUM TOOLBOXES
Bright Treadplate, Quality LOWER COST Toolboxes!!

___ Front Crossbox, ___Single or ___Double Lid $495.00

___ Side Boxes, ___ Left or ___Right Side $495.00
___Pair, BOTH Sides $925.00

PICKUP Ladder Rack
___**Weatherguard** Model 1275, Black Steel, 1000 lb Capacity $1395.00
___ADD Screened Cab Protector for 1500 lb Capacity $1795.00 www.weatherguard.com

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SNOWPLOWS Include Quick Release Mount & Rubber or Poly Snow Deflector (REQUIRES Snowplow Prep Pkg on Pg 3)
FOR 4x4's

___ ***WESTERN 7.5 ProPlow w/Ultra-Mount $5695.00***
___ Western 8ft ProPlow $5795.00
___ Western 8ft ProPlow PLUS $5995.00
___ Western 8.5 ft Pro PLUS $6095.00
___ Western 9.0 ft Pro PLUS $6195.00
___ Western 8.5ft MVP3 V-Plow $6545.00
___ Western 9.5ft MVP3 V-Plow $6945.00
___ Western 8.5ft Prodigy Plow $6945.00
___ Western 8-10ft WIDE OUT $7445.00

ALL PLOWS Include Hand Held Remote

NOTE MVP3 includes flared wings, Wide Out uses sliding wings
OPTION ___ ADD HEATED LED Lights $525.00

___ ***BOSS 7.5 ft Super Duty $6175.00***
___ Boss 8.0 ft Super Duty $6375.00
___ Boss 8.5 ft Super Duty $6525.00
X Boss 9.0 ft Super Duty $6675.00
___ Boss 8.2 ft VXT V-PLOW $7375.00
___ Boss 9.2 ft VXT V-PLOW $7575.00
(Note VXT Models include Flared Wings)

___Boss 8-10ft EXT Adjustable with Sliding Wings $8225.00
NOTE All BOSS Plows INCLUDE LED Lights

___ **WESTERN TORNADO, POLY V Box Spreader**, 1/2 hp Electric Power, 1.8 Cu Yd Hopper, Mounted w/Ratcheting Hold Downs, Electric Controls in Cab ___*7 foot* *$6250.00* ___*8 foot* *$6950.00*

___ **WESTERN STRIKER, STAINLESS V Box Spreader**, Includes Electric Power, 2.0 Yd Hopper w/Top Screen, Mounted w/Ratcheting Hold Downs, Electric Controls in Cab ___*8 foot* *$6250.00* ___*9 foot* *$6950.00*

___ **WESTERN Model 2500** Low Profile, Below Tailgate, 1/3 hp Electric Power, 8.5 cu ft Poly Hopper $2975.00
___ **WESTERN Model 1000** Low Profile, Below Tailgate, 1/3 hp Electric Power, 8 cu ft Poly Hopper $2575.00

FORD EXTENDED SERVICE PLAN factory warranty coverage good at any Ford Dealer, $100 deductible after 3yr/36,000 mi. Inquire for details or different time or mileage limits (Trucks w/Bed Delete or Service Bodies NOT Included, Inquire)

___6yr/100,000 mi Powertrain	___5yr/75,000 mi Extra Care	___5yr/75,000 mi. PremiumCare
__2wd $1495.00	__2wd $1495.00	__2wd $1795.00
__4x4 $1595.00	__4x4 $1595.00	__4x4 $1895.00
__w/Snowplow $2295.00	__w/Snowplow $2295.00	__w/Snowplow $2495.00

DELIVERY TO YOUR LOCATION
X One Truck $295.00 ___Two or More $250.00 ea

WE CAN PROCESS YOUR "M" LICENSE & TITLE
___New Municipal "M" License and Title $208.00

PLEASE SUBMIT THIS FORM WITH YOUR ORDER AND THANK YOU FOR YOUR BUSINESS!!
PENDING 2021 introductory information, contact me to review your selections before ordering!!

Bob Ridings Inc. Fleet Sales Program
Todd Crews, Fleet Sales Mgr.
931 Springfield Rd
Taylorville IL 62568

Ph 217-824-2207 E-Mail: toddfleet@aol.com FAX 217-824-4252

YOUR GUIDE to the 2021 Ford Pickup for Illinois Local Government Agencies. Come see how EASY it is to deal with Bob Ridings! Available to all Illinois Municipal Agencies!!

BOB RIDINGS again invites your agency to SAVE TIME AND MONEY with our annual program for Government Purchase. Use the convenient order forms enclosed to select the following vehicles—

2021 Ford F250/350/450/550 Pickup & Chassis Models

-We are one of Illinois' largest and most experienced suppliers of government vehicles!
-We offer lots of options to tailor your vehicle to the job with the **USER FRIENDLY ORDER FORMS ENCLOSED.** We can also accept **TRADE INS** (see form below) and offer Ford Municipal Lease Purchase (Inquire)
-We offer low cost delivery to your door and License and Title processing to further save you time and effort.

HOW TO ORDER:

-FILL OUT the vehicle order form attached, checking off your model, color & interior, and options, etc.
-CALL ME to review your selection and to inquire about trades or financing and ***fax or email your form.***
-I WILL review your selections and prepare an itemized proposal letter with correct price for your approval **If you must plan for May 1 or other fiscal year issues let me know**, but ***ORDER EARLY!!***
Upon receipt of your purchase order we will order the truck and send a confirmation letter for your records. Please allow an estimated 90-120+ days minimum for delivery (more for truck bodies).
-We will contact you when your order is almost ready and will send invoice at that time to help you prepare your check before delivery! ***Thank you for your business and we hope to see you soon!!***

Sincerely,
Todd Crews,
Fleet Sales Manager

TRADE INFORMATION REQUEST Fill out and fax this page and we will assign a trade value for the vehicle.

Ordering Agency: _____ ***Contact Person:*** _____

Address, City & Zip: _____ ***Date:*** _____

Phone: _____ ***Fax:*** _____ ***Email:*** _____ ***TRADE VALUE $*** _____

YEAR _____ MAKE _____ MODEL _____ BODY STYLE _____

VIN # (17 digits) _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ MILEAGE _____ COLOR _____

PLEASE CIRCLE	Engine	Transmission	TRUCKS	TRUCK CAB	POLICE CARS
	4 6 8 Diesel	Man Auto	2wd 4x4	Reg Ext Crew	Marked Admin K9

PLEASE CHECK				
___Air Conditioning	___Power Windows	___Bucket Seats	Other_____
___Cruise Control	___Power Locks	___Spotlight	___Minivan Rear Air

PLEASE LIST _____
CONDITION such as holes from equipment removal and/or TRUCK EQUIPMENT such as snowplow or special body

LIST DAMAGE AND/OR INOPERABLE ITEMS_____
Unless noted we assume all vehicles to be highway safe with no significant mechanical or cosmetic damage. If further damage occurs while waiting for production we may require a new trade evaluation. Note our quote will also assume your continued use of the trade while waiting for the new vehicle. Please call with any questions and thanks for your business!!

EXHIBIT G

4260 Linden Road, Rockford, IL 61109

Peterbilt Motors Company
Contract #081-716-PMC

Date: March 5, 2021

To: United City of Yorkville
Attn: John Sleezer
610 Tower Lane
Yorkville, IL 60560

Dear John,

JX Truck Center - is pleased to present the following proposal for
(1) New 2022 Peterbilt 348 single axle cab & chassis with the attached specifications:

Peterbilt 348 stock chassis List Price:	$143,897
Sourcewell Discount:	35.00%
Sourcewell Chassis Price:	$93,533
Total Chassis Price:	$93,533

Sourced Goods:	
PX9 Engine (5yr/100k) Ext Warranty:	$1,450.00
PX9 Aftertreatment (5yr/100k) Ext Warranty:	$740.00
Allison (5yr total, 3 year standard) Ext Warranty	$482.00
Pre-delivery inspection/Fuel/Def/undeck:	$495.00
Detailing/Delivery:	$475.00
IL Doc Fee:	$300.00
IL Title and Municipal Plate	$158.00
Total Sourced Goods:	$4,100.00 (total dealer items)

Proposal Total: $97,633.00 (Chassis to be paid on delivery to dealer from Peterbilt Motors)

Sincerely,

Connie Swenson

Connie Swenson | Sales Executive
JX Enterprises, Inc
Cell: (815) 222-5786
cswenson@jxe.com | ***Your Partner for the Long Haul,***

Peterbilt II-Rockford (R120)
4260 Linden Road
Rockford, Illinois 61109

United City of Yorkville
610 Tower Ln
Yorkville, Illinois 60560
United States of America

Connie Swenson
Cell Phone: NULL
Office Phone: (815)874-3433
Email: cswenson@jxe.com

John Sleezer

Vehicle Summary

Unit	
Model:	Model 348
Type:	Full Truck
Description 1:	SA Plow
Description 2:	Ref 709097
Application	
Intended Serv.:	Snowplow
Commodity:	Other Commodity
Body	
Type:	End Dump
Length (ft):	16
Height (ft):	10.5
Max Laden Weight (lbs):	1000
Trailer	
No. of Trailer Axles:	0
Type:	
Length (ft):	0
Height (ft):	0
Kingpin Inset (in):	0
Corner Radius (in):	0
Restrictions	
Length (ft):	40
Width (in):	102
Height (ft):	13.5

Chassis	
Fr Axle Load (lbs):	20000
Rr Axle Load (lbs):	23000
G.C.W. (lbs):	60000
Road Conditions:	
Class A (Highway)	90
Class B (Hwy/Mtn)	10
Class C (Off-Hwy)	0
Class D (Off-Road)	0
Maximum Grade:	6
Wheelbase (in):	175
Overhang (in):	45.8
Fr Axle to BOC (in):	69.8
Cab to Axle (in):	105.2
Cab to EOF (in):	151
Overall Comb. Length (in):	259
Special Req.	

Approved by: _____ **Date:** _____

Note: All sales are F.O.B. designated plant of manufacture.

Sales Code	Std/ Opt	Description	$ List	Weight
Base Model				
0003481	S	**Model 348** The Model 348 was designed to exceed the rigid demands of Class 7 and Class 8 specialty application markets that require rugged durability and a wide range of optional content. The Model 348 represents a multi-dimensional performer with a GVW from 33,000 to 66,000 lbs. and optional capacity ratings to suit almost any vocation. The 348 is also available in a specifically designed all-wheel-drive configuration. From construction and crane service to utility and delivery services in both Class 7 and Class 8 markets, the 348 is in a class by itself.	108,550	**10,610**
0091200	S	**Other Commodity**	0	**0**
0093150	O	**Snowplow** Truck which is configured for mounting a snowplow to the front.May also have dump or other body.	0	**0**
0095170	O	**End Dump**	0	**0**
0098170	S	**United States Registry** Canadian Registry PackageRequires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0	**0**
Configuration				
0200700	S	**Not Applicable** Secondary Manufacturer	0	**0**
Frame & Equipment				
0519180	O	**11-5/8" Steel Rails to 444"** 11.625 x 3.874 x .375 Dimension, 2,568,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 21.4 cubic inches. Weight: 1.91 lbs/inch pair	1,162	**416**
0611330	O	**Zinc Coated Anti Corrosion Treated Frame Rails** Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	348	**0**
0612230	O	**Custom Wheelbase or Overhang** Engineering approval may be required.	365	**0**
0613090	S	**Three-Piece Crossmembers**	0	**0**
0620530	O	**FEPTO Provision 27.8in Bumper Extension** Includes Crankshaft Adapter Plate and Stationary Grille. Requires FEPTO Bumper.	1,421	**86**
0644090	S	**EOF Square without Crossmember** End-of-frame square without crossmember. For use with body builder installed crossmember.	0	**0**
0651090	S	**Omit Rear Mudflaps and Hangers**	0	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
Front Axle & Equipment				
1011890	O	**PACCAR Steer Axle 20,000 lbs. 4" Drop** Axle is designed for applications with a gross axle weight rating (GAWR) of 20,000 pounds. Front axle is designed for demanding applications such as construction, heavy haul, refuse, and other vocational uses. Robust forged steel beam construction for long-lasting performance. It utilizes innovative tapered kingpin roller bearings for more efficient operation and improved steering efficiency. The PACCAR Steer Axle comes standard with the PACCAR warranty of 5 years, 750,000 miles.	1,632	**170**
1114030	O	**Taper Leaf Springs, Shocks 20,000 lb** Standard with Heavy Resistance Shocks.	1,328	**119**
1233110	O	**Power Steering TRW THP60 Dual** For use with 16,000 to 20,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	939	**54**
1250250	O	**Power Steering Reservoir Frame Mounted w/Cooler** A power steering cooler helps reduce the heat of the power steering fluid. This is commonly used with systems that may experience more stress from towing or off-road driving.	254	**2**
1354845	S	**PHP10 Iron PreSet Hubs**	0	**0**
1380280	O	**Bendix Air Cam Front Drum Brakes 16.5x7** For use with 16,000 lbs to 23,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	230	**10**
1380490	O	**PACCAR Wide Track IPO Standard** 71in KPI IPO 69in front axle for improved turning radius.	0	**15**
1391410	S	**Gusseted Cam Brackets, Steer Axle**	0	**0**
1392970	O	**Heavy Duty Cam Bushings, Steer Axle**	26	**0**
Rear Axle & Equipment				
1513180	O	**Dana Spicer S23-190 23,000 lb** Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-226	**94**
1616290	O	**PHP10 Aluminum PreSet PLUS Hubs**	380	**0**
1660000	O	**Dust Shields For Cam Brakes, Drive Axle(s)**	28	**15**
1680490	O	**Gusseted Cam Brackets, Drive Axle(s)**	24	**2**

Sales Code	Std/ Opt	Description	$ List	Weight
1680500	S	**SBM Valve** Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	**0**
1680550	O	**Upsize Parking Brakes**	126	**0**
1680795	O	**Diff Lock, Single Drive Axle with Speed Interlock**	874	**30**
1680950	S	**Stability System Not Selected Or Not Available**	0	**0**
1682430	S	**Anti-Lock Braking System (ABS) 4S4M** ABS-6. Includes air braking system.	0	**0**
1684200	S	**Synthetic Axle Lubricant All Axles** Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	**0**
1686348	S	**Single Drive Axle (Model 348)**	0	**0**
1687010	S	**Bendix Air Cam Rear Drum Brakes 16.5x7** Bendix Air Cam Rear Drum Brakes to fit all heavy haul, contruction, refuse and highway truck and tractor applications. Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.	0	**0**
1705570	O	**Ratio 5.57 Rear Axle**	0	**0**
1811210	S	**Peterbilt Air Trac 23,000 lb Light Weight**	0	**0**
1920385	O	**Air Springs, Internal Bumpers** Air Trac / Air Leaf suspensions	52	**0**
1922260	O	**Dash Mtd Dump Switch with Indicator Light** Dash mounted dump switch with indicator light for suspension.	35	**2**

Engine & Equipment

2074407	O	**PACCAR PX-9 330@2000 GOV@2200 1000@1200** Productivity (2021 Emissions) N21350 C121 64....Maximum Accelerator Pedal Ve N21370 C128 64....Maximum Cruise Speed (P059) N21460 C132 1400..Max PTO Speed (P046) N21520 C133 5.....Timer Setting (P030) N21610 C188 39....Low Ambient Temperature Thre N21630 C190 80....High Ambient Temperature Thr N21510 C225 YES...Enable Idle Shutdown Park Br N21450 C231 NO....Gear Down Protection (P026) N21570 C233 NO....Idle Shutdown Manual Overrul	3,420	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
		N21440 C234 NO....Engine Protection Shutdown (N21480 C238 NO....Auto Engine Brake in Cruise N21470 C239 NO....Cruise Control Auto Resume (N21590 C382 YES...Enable Hot Ambient Automatic N21530 C396 YES...Enable Impending Shutdown Wa N21540 C397 60....Timer For Impending Shutdown N21620 C189 60....Intermediate Ambient Tempera N21550 C206 35....Engine Load Threshold (P516) N21340 C209 120...Hard Maximum Speed Limit (P1 N21430 C333 0.....Reserve Speed Limit Offset (N21410 C334 0.....Maximum Cycle Distance (N202 N21500 C395 0.....Expiration Distance (N209) N21320 C399 120...Standard Maximum Speed Limit N21400 C400 252...Reserve Speed Function Reset N21420 C401 10....Maximum Active Distance (N20 N21330 C402 0.....Expiration Distance (N207)		
2091305	O	**Engine Idle Shutdown Timer Enabled**	0	**0**
2091315	O	**Enable EIST Ambient Temp Overrule**	0	**0**
2091372		**Eff EIST NA Expiration Miles**	0	**0**
2091640		**Effective VSL Setting NA**	0	**0**
2092014	O	**Typical Operating Speed 65 MPH**	0	**0**
2092032	O	**Powertrain Optimized for Performance** Best analysis for vehicles used in vocational applications or with heavy GCWRs.	0	**0**
2140010	O	**Belly Pan**	137	**35**
2140200	S	**CARB Engine Idling Compliance** PACCAR PX-7, PX-9 and MX, Cummins X15 and ISX diesel engines will include the required factory installed serialized sticker on the drivers door to identify them as meeting the NOx idling standard.	0	**0**
2513060	S	**PACCAR 160 Amp Alternator, Brushed** PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0	**0**
2521090	O	**Immersion Type Block Heater 110-120V** Standard location for 2.1M and 1.9M models is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	86	**2**
2522110	S	**PACCAR 12V Starter, N/A PACCAR MX Engines** PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0	**0**
2538040	O	**3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA**	261	**62**

Sales Code	Std/ Opt	Description	$ List	Weight
		Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.		
2539410	O	**Battery Jumper Terminal Mounted Under Hood** LH Frame Rail. Not available with PX-7 engines.	99	**4**
2539740	O	**Kissling Battery Disconnect Switch, 300 amp** Mounted on battery box	216	**3**
2621000	O	**2-Speed Fan Clutch For Frequent Start/Stops** A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	374	**0**
2723210	S	**18.7 CFM Air Compressor** N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	**0**
2812210	O	**VGT Exhaust Brake** (Variable Geometry Turbo). Provides approximately 90-100 HP of retardation and is part of the turbocharger.	65	**0**
2921160	S	**Spin-On Fuel/Water Separator**	0	**0**
2921210	S	**No Fluid Heat Option for Fuel Filter**	0	**0**
2921320	O	**12V Heat for Fuel Filter** Fuel filter heaters help ensure a seamless flow of diesel from the tank to the combustion chamber. Eliminating any possiblity of moisture freezing within the fuel filter while simultaneously increasing the fuel temperature for atomization within the engine.	58	**0**
3010400	O	**Engine Protection Shutdown w/ Label** Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	4	**0**
3114270	S	**High Efficiency Cooling System** Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0	**0**
3211120	S	**Radial Seal, Dry Type Air Cleaner, Frontal** Air Intake. Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	**0**
3365270	O	**Exhaust Single RH Side of Cab** DPF/SCR right-hand Under Cab.	405	**29**
3381770	O	**Curved Tip Standpipe(s)**	42	**0**
3387610	O	**18" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)**	453	**-2**

Sales Code	Std/ Opt	Description	$ List	Weight
Transmission & Equipment				
4052110	O	**Allison 3000 RDS-P Transmission, Gen 5** Rugged Duty Series. Includes Rear Transmission Support except on MX engines, Mobil Delvac Automatic Transmission Fluid, and Water-Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. Suited for vehicles operating on/off highway and/or requiring PTO operation. Forward ratios: 1st-3.49, 2nd-1.86, 3rd-1.41, 4th-1.00, 5th-0.75, 6th-0.65. Reverse ratios: DR-(5.03).	10,517	**195**
4210080	S	**1710 HD Driveline, 1 Midship Bearing**	0	**0**
4250320	U	**PROGRAMMING ALLISON SNOWPLOW**	0	**0**
4250650	O	**LH PTO Access Dipstick Tube Routing,Allison Trans**	0	**0**
4252170	O	**Auto Neutral Activates With Parking Brake** Auto Neutral helps improve jobsite safety by reducing the possibility of the truck moving due to throttle application.	16	**0**
4252890	O	**Allison FuelSense 2.0 Not Desired**	0	**0**
4252950	O	**Omit Allison Neutral At Stop**	0	**0**
4256640	O	**Allison 6-Speed Configuration, Close Ratio Gears** 3000 Series Transmissions.	0	**0**
4256980	O	**Seat Mounted Lever Shifter**	1,305	**0**
Air & Trailer Equipment				
4510210	O	**Bendix AD-HF EP Air Dryer, Heater** Coalescing filter, extended purge. Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technonlgy in the the air dryer catridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	185	**-2**
4520420	O	**Pull Cords All Air Tanks**	7	**0**
4540420	S	**Nylon Chassis Hose**	0	**0**
4543340	O	**Aluminum Painted Air Tanks** All air tanks are aluminum with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for	123	**-45**

Sales Code	Std/ Opt	Description	$ List	Weight
		factory installation. See ECAT to determine number or location of air tanks installed.		
4611930	O	**Body Connections 5' BOC** Junction box contains light and power circuits for body connections located 5' from back-of-cab	132	**4**
4612900	O	**AE Connection EOF, 7-Way Socket, Connection EOF** Strapped to the rail	438	**15**
Tires & Wheels				
5064010	O	**FF: BR 20ply 315/80R22.5 M870** Efficiency Rating: Fair Diameter= 42.8 inches; SLR= 19.9 inches The Bridgestone M870 is a high scrub All-Position Radial tire designed specifically for urban waste collection.	505	**86**
5169310	U	**RR: BR 16ply 11R22.5 M799**	1,272	**0**
5190004	O	**Code-rear Tire Qty 04**	0	**0**
5220520	O	**FF: Alcoa 89U637 22.5 X 9.00 High Polish** Aluminum, Ultra ONE technology that saves more than 50 lbs. versus a comparable steel wheel. Built for refuse, logging, mining and other heavy haul applications that demand a tough wheel. Each wheel offers a 10,000 lbs. load rating.	451	**-36**
5320710	O	**RR: Alcoa 882677 22.5X8.25 High Polish** Aluminum. High polish finish on boths sides as applicable. Finish options for heavy-duty trucks, 2.5 lbs. weight savings, new hub bore with less metal to metal contact to hinder corrosion with a maintained half dual space and load rating.	618	**-100**
5390004	O	**Code-rear Rim Qty 04**	0	**0**
5407640	O	**FF: Mirror Polish Wheels, Outer Surface** Single/tandem steer. Mirror Polish outer surface of outer wheel. Without chrome wheel nuts.	65	**0**
5407650	O	**RR: Mirror Polish Wheels, Outer Surface, Single** Drive without chrome wheel nuts. Mirror polish outer surface of outer wheel.	251	**0**
5409325	O	**Wheel Guards, Single Axle** Wheel guards provide a protective barrier to maintain the integrity between the brake drums and wheels to ensure the maximum life for your polished wheels.	13	**0**
5410140	O	**FF: Dura-Bright Finish** Outer Surface of Outer Wheel, requires Polished Option	233	**0**
5410150	O	**RR: Dura-Bright Finish-Single Axle** Outer Surface of Outer Wheel, requires Polished Option.	233	**0**
Fuel Tanks				
5554100	O	**26" Aluminum 70 Gallon Fuel Tank LH U/C**	236	**11**

Sales Code	Std/ Opt	Description	$ List	Weight
		Includes steps for cab access. Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.		
5602070	O	**Location LH U/C 70 Gallon**	0	**0**
5652890	S	**DEF Tank Mounted LH BOC** Models 220 and 520 mounted left hand back-of-cab.	0	**0**
5652990	O	**DEF To Fuel Ratio 2:1 Or Greater**	0	**0**
5655019	S	**DEF Tank Small** 11.1 Gallon Capacity	0	**0**
Battery Box & Bumper				
6010670	O	**Aluminum Space Saver Battery Box LH BOC** Battery access from side	217	**-84**
6040550	S	**Aftertreatment Aluminum Non-Slip Cab Entry** Aftertreatment right-hand under cab step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box is aerodynamic.	0	**0**
6121060	O	**Steel Bumper Swept Back Painted Black, With FEPTO** Two tow pin holes and step plates on top of bumper	342	**90**
Cab & Equipment				
6510110	S	**Alum Cab 108in BBC Metton Hood w/Bright Crown** Includes view window RH door and convex mirror over RH door.	0	**0**
6540120	O	**Severe Service Cab Package #1** Includes Aluminum side skins, aluminum rear skin, steel windshield mask, steel firewall, and steel front floor sheet on all cabs, and additional reinforcement structure on the back wall of the day cab.	151	**39**
6540160	O	**Thermal Insulation Package in Cab** Includes thick, closed-cell foam in floor, special mylar-faced foam in walls and roof structure.	19	**2**
6800360	O	**Rubber Fender Lips 2" Wide**	96	**8**
6911700	S	**National Driver Seat** Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0	**0**
6921700	S	**National Passenger Seat** Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0	**0**
6931130	O	**Seat Belt Color Red IPO Standard Black**	10	**0**
6939400	S	**Air Ride Driver**	0	**0**
6939420	S	**High Back Driver**	0	**0**
6939470	S	**Vinyl Driver**	0	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
6939510	S	**Non-Air Ride Passenger**	0	**0**
6939520	S	**High Back Passenger**	0	**0**
6939570	S	**Vinyl Passenger**	0	**0**
7001520	O	**Adjustable Steering Column - Tilt/Telescope**	95	**11**
7001620	S	**Steering Wheel With Peterbilt Logo** Steering Wheel with embossed Peterbilt logo over horn button.	0	**0**
7036120	S	**Interior Gray/Black** Includes rugged charcoal instrument panels, glare-resistant gray dash, black bezels on gauges, (2) power ports, monochromatic molded door pads with durable in-mold color, gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted dome light, foot well lighting, integrated "dead pedal", (4) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	0	**0**
7210430	O	**Extended Rear Window ipo Std Window-Day Cab** The extended rear window protrudes two inches more than the standard conventional rear cab window. Take this into consideration when determining your loadspace.	68	**18**
7210540	S	**Day Cab Rear Window** Day cab rear window flush to back of cab.	0	**0**
7230060	S	**1-Piece Curved Windshield**	0	**0**
7322010	S	**Combo Fresh Air Heater/Air Conditioner** With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	**0**
7322130	O	**Cup Holder (Floor Mounted)** Includes two standard-size drink holders and one extra-large jugholder, coin tray, and clipboard-size storage area.	89	**4**
7330700	O	**Peterbilt Comfort Control - Cab**	21	**6**
7560100	O	**Mirrors SSTL Each Side Heated and Motorized** with Switch on Door.	368	**2**
7560850	O	**(2) Convex 8 Inch SSTL Mirrors** Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated. Option includes dual door stops.	266	**4**
7564110	S	**Power Package** Includes power door locks and power windows.	0	**0**
7610020	O	**(1) Air Horn 15" Painted** Mounted under cab.	178	**8**
7722120	O	**ConcertClass, AM/FM, Weatherband, 3.5 Aux**	317	**10**
7725710	O	**Standard Speaker Package For Cab**	116	**4**

Sales Code	Std/ Opt	Description	$ List	Weight
		(2) Speakers		
7728040	O	**Bluetooth Phone and Audio**	54	**0**
7728050	O	**USB Port**	54	**0**
7788140	O	**Radio Antenna Mounted on LH Mirror Bracket**	34	**0**
7850210	O	**Plug-In Auto Reset Circuit Breaker** in place of fuses in junction box.	40	**0**
7851480	S	**Peterbilt Electric Windshield Wipers** With Intermittent Feature.	0	**0**
7851780	O	**CabMate Cab Air Suspension** Mfg by Link. The class 8 conventionals (except Model 348) includes (2) airbags, (2) shock absorbers, (1) leveling valve, radius rod, and height limiter. The Models 330, 337, and 348 includes (1) airbag and (1) shock absorber.	1,287	**15**
7900090	O	**Triangle Reflector Kit, Ship Loose** Florescent triangle emergency road flares are designed to meet and exceed all DOT standards.	17	**13**
7900270	O	**Fire Extinguisher, Cab Mounted** Hazmat approved UL listed/rated ABC	54	**8**
8021380	S	**Air Restriction Indicator** Mounted on air cleaner, intake piping, or firewall	0	**0**
8071870	S	**Main Instrumentation Panel, Graphics Display** Includes speedometer with trip odometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights with audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.	0	**0**
8075690	O	**Dual Output Sensors For Road & Engine Speed** Terminals routed to back of cab / front of sleeper	60	**0**
8111110	S	**Headlights Composite Fender Mounted** Integral park, turn, and side marker	0	**0**
8120980	S	**(5) Marker Lights, Aero LED**	0	**0**
8133470	O	**Switch & Wiring for F/O Beacon/Strobe** Switch and wiring for furnished by owner beacon / strobe, 10' coiled wire back-of-cab / back-of-sleeper, at rear sill.	67	**2**
8133960	O	**Daytime Running Lights** The brake interlock turns the daytime running lights off when the parking brakes are engaged. This is required on all Canadian vehicles.	60	**0**
8134070	O	**(2) Additional Dome/Reading Lights, Ceiling Mtd**	49	**0**

Sales Code	Std/ Opt	Description	$ List	Weight
8140120	S	**Incandescent Square Stop/Turn/Tail/Backup** Left-hand / right-hand square end of frame or dropped a-brace	0	**0**

Paint

8530770	S	**(1) Color Axalta Two Stage - Cab/Hood** Base Coat/Clear Coat N85020 A - L0753EY RED N85500 CAB ROOF L0753EY RED N85300 FENDER L0753EY RED N85200 FRAME L0001EA BLACK N85400 HOOD TOP L0753EY RED	0	**0**

Shipping Destination

Options Not Subject To Discount

9400091	S	**Peterbilt Class 7 Standard Coverage** 1 year/Unlimited Miles/km	0	**0**
9400094	S	**PACCAR PX-9 Standard Coverage** 2 yrs/250,000 mi (402,336 km)/6,250 hrs	0	**0**

Miscellaneous

9409831	O	**2021 EPA Emissions Engine** Warranty Only	0	**0**
9481975	O	**PACCAR 2021 PX-9 Protection Plan 1** 5 Yrs/100K Mi (160,935 Km)	1,450	**0**
9481987	O	**PACCAR 2021 PX-9 Aftertreatment Coverage (5/100)** 5 Yrs/100K Mi (160,935 Km)	740	**0**

Promotions

Order Comments

Total List Price (W/O Freight & Warranty & Surcharges)	$143,897	
Marketing and Service Support Fee		$875
Prepaid Freight		$2,450
Total Surcharge/Options Not Subject To Discount		$2,190
Total Weight		12,076

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in CRM.

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LINDCO
Equipment Sales
DIVISION OF VIKING-CIVES GROUP

2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

Sourcewell Formerly NJPA
Awarded Contract

QUOTATION

Quote Number: 210326
Quote Date: Mar 3, 2021
Page: 1

Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		SOURCEWELL CONTRACT PURCHASE: CONTRACT HOLDER: Viking-Cives CONTRACT NUMBER: 080818-VCM CONTRACT MATURITY DATE: 10/29/2022 CONTRACT ITEM NUMBERS: SWH-TK0554, SW-TK0115, SW-SP0415, SW-SR0400, SW-SR0425, SW-CEO125, NJ2500 MUNICIPALITY: SOURCEWELL MEMBER NUMBER: 99259 MUNICIPALITY: City of Yorkville DEPARTMENT: Street Department CONTACT: John Sleezer TITLE: Street Department Foreman PHONE: 630-553-4370 EMAIL: jsleezer@yorkville.il.us QUOTE SUMMARY: NUMBER OF UNITS: One DESCRIPTION: Snow & Ice control		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		equipment for current model year single axle Peterbilt Chassis. (PRICE DOES NOT INCLUDE CHASSIS) CHASSIS SUPPLIER: JX Peterbilt _____ EQUIPMENT DELIVERY TIME FRAME: _____ Allow 120 days for all equipment to be in stock at Lindco after receiving your purchase order. Allow 60-90 days to complete unit, once all equipment and the chassis is at Lindco. _____ CHASSIS REQUIREMENTS: _____ * 20" front frame extensions * Stationary grill * Plow light harness to grill and switch in dash * Transmission dip stick located on curbside of transmission * Allison 3000RDS series transmission * Dash mounted push buttom shifter for transmission * Active ground speed hook up for spreader control		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00		* 105" useable cab to axle * Minimum of 40" clean side frame from back of cab to front of rear spring shackle on driver side. * Fire extinguisher * Triangle reflector kit * Individual driver and passenger seats * Minimum of 50 gallons fuel when delivered to Lindco * Dep tank 3/4 filled when delivered to Lindco _____ PER UNIT PACKAGE PRICE: _____ ** Price for all the below below quoted equipment, fully installed. (Price does not include chassis) ** Package price does not include the below options A and B. ** Price does not include pick up of chassis or delivery of completed unit. _____ OPTIONAL EQUIPMENT THAT CAN BE ADDED TO THE ABOVE BASE PRICE: _____ OPTION A:	113,063.00	113,063.00

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		Henke Model PPW-9-TE-29/30-TW Mid Mounted Postless Wing Plow * 9' wide * 29" high at toe * 36" high at heel * 12.65" of float * 23" x 12" HD parallel arm structure with 3" x 10" x 2" double-acting lift cylinder * Cylinder safety lock valve * Non-trip wing moldboard/post hinge assembly * Standard 3/4" x 6" cutting edge * Cirus hydraulic for wing plow * Hoses, Fittings, Stainless Tubes and Stainless Quick COuplers. * Labor to Install unit complete ADD.....$ 16,299.00 TO ABOVE BASE PACKAGE PRICE OPTION B: 9' Trip edge with toe 34" high and heel at 51" high in lieu of the above ADD.....$2,427.00 TO ABOVE BASE PACKAGE PRICE _____ EQUIPMENT WARRANTY: _____		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Viking-Cives #080818-VCM

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Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* All equipment has a 12 month warranty on parts and labor.		
		DUMP BODY:		
1.00	SLT-316-11-CS90-York	Heil SL Body Ashaplt style Rear Body, 11' L, 28" H sides, 36" H tailgate, 7 GA "201 2B" stainless steel sides & ends, 1/4" AR400 floor, crossmemberless, DIMENSIONS: * 11' long at floor * 10' long at top * 84" wide I.D. * 96" wide O.D. * 60" high front wall * 36" high sides (7 cubic yards capacity) * 42" high tailgate (9 cubic yard capacity) CONSTRUCTION: * 7 gauge, "201 2B stainless steel" sides, front wall and tailgate * 1/4" AR400 floor TAILGATE: * Lindco air release * Lindco air release solenoid valve mounted in reservoir valve enclosure. * Three panel double acting tailgate "201 2B		

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Sales Tax	Continued
TOTAL	**Continued**

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Viking-Cives #080818-VCM

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City of Yorkville 610 Tower Lane Yorkville, IL 60560 USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		stainless steel" * Lindco handles on upper tailgate pins for ease of removing and isntalling * Stainless steel tailgate chains, long enough for laying down gate flush with floor * All stainless steel tailgate linkage, rods, pins, upper and lower tailgate hardware * 18" x 18" center sliding coal door with driver side extended handle CAB SHIELD: * Lindco 1/2 enclosed cab shield, 7 gauge "201 2B stainless steel" * Fully enclosed cab shield with access panels on top * Two (2) oval cut out facing forward on each side for strobes. * One (1) oval cut out on each side for strobes * One (1) oval cut outs on each side facing rearward for strobes SIDES: * Boxed top rail "201 2B stainless steel" * One (1) horizontal side brace on each side * 7 gauge "201 2B stainless steel" sloping rubrail * No side braces		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		REAR CORNER POST: * Sloping rear corner post (12" difference from top to bottom) * Full depth rear corner post w/rear apron "201 2B stainless steel" * Lindco rear corner posts are fully-enclosed w/removal access panel underneath on each side * Lindco three (3) oval cutouts in each rear corner post UNDERSTRUCTURE: * All 7 gauge "201 2B stainless steel" construction * Crossmemberless understructure HOIST: * CS90-4.5-3DA telescopic front mounted hoist, double-acting (power up & power down) * 18 ton capacity * Dog house in body * Frame mounted body hoist prop * Hoist cradle * Rear hinge assembly LADDER AND GRAB HANDLE: * All items constructed of "201 4B shiny stainless steel"		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

LINDCO
Equipment Sales
DIVISION OF VIKING-CIVES GROUP

2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

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Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Grab handle at front on driver side * Fold up ladder at front driver side		
		REAR FENDERS AND FLAPS:		
1.00	SR2436B	Boomerang 3/8" HD 24" x 36" Guard Mud Flap - Black - with Lindco Equipment Sales, Inc. Logo & Merrillville, IN molded white into flap.		
2.00	MFW2375-SS	Lindco Mud Flap Bolting Plate-Stainless Steel (Each)		
2.00	MFBH2375A-SS	Lindco Mud Flap 90 Degree Mounting Plate-Stainless Steel (Each) * Mud flaps mounted behind rear wheels * Swing style brackets		
1.00	MIN1400BP	Minimizer MIN1400 Quarter Fender Kit Black with Post Mount * Mounted in front of rear wheels		
		LIGHTING & ELECTRICAL ITEMS:		
		REAR JUNCTION BOXES:		
2.00	PH-310	Phoenix 10-Pole Junction Box * One mounted on each side on back side of rear hinge assembly. * Right side will have all S/T/T, Back up		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Quoted To:

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		lights and back up alarm wired into junction box. * Left side will have all strobes and spreader lights wired into junction box. * All wiring installed in junction box must have eyelets installed. * Junction boxes will be di-electric greased WIRING: * All wiring will be one piece, no butt connectors or scotch locks. * All connections must be di-electric greased * All lighting will terminated in rear junction boxes * Wiring from junction box or coming from front to rear will run down middle of frame on stainless steel flat stock with stainless steel fasteners. * All wiring ran down front of body will be in stainless steel piping. * All wiring ran from front of body to rear, under body will be in stainlness steel piping. * All wiring from junction box will terminate to switches in cab. * All circuit breakers, fuses, relays, electric valves (air tailgate) will be installed in valve enclosure.		

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* All wiring will have protective loom installed. * All wire pass through holes will be grommeted BACK UP ALARM:		
1.00	510	Ecco back-up alarm, 97 dB, 12 VDC. * Install on rear hinge assembly * Wired to junction box with S/T/T an back up lights * All connections to have eyelet connectors * Connections to be di-electric greased CAB SHIELD LIGHTING		
4.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in front of cab shield on each side		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed on each side of cab shield		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in outer ovals on rear for cab shield * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * All wiring ran from cab shield through		

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		stainless steel piping to rear of vehicle. * Any lighting wire not in the stainless steel will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased REAR CORNER POST LIGHTING:		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in top oval on each side		
2.00	54682	Grote LED S/T/T & B.U. Light, 6" oval		
2.00	67090	Grote Pigtail Economy 3 Wire 90 Degree S/T/T		
2.00	67011	Grote two-wire plug-in pigtail for female pin lamps		
2.00	92420	Grote Oval Rubber Grommet * Installed in center oval on each side		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in bottom oval on each side * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * S/T/T/Back up lights wired to right side junction box. * All lighting wiring will be in protective loom * All connections to have eyelet connectors		

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Connections to be di-electric greased		
		SPREADER LIGHT:		
2.00	MWL-19	Maxxima LED clear work light		
		* Installed on each side under body		
		* Wired to left side junction box		
		* Spreader light wiring from junction box to switch in cab		
		* All lighting wiring will be in protective loom		
		* All connections to have eyelet connectors		
		* Connections to be di-electric greased		
		PLOW LIGHTS:		
1.00	0552243	J.W. Speaker LED Plow Lights; built-in amber turn signal and lens heater. (Pair)		
1.00	PLB12SS	Buyers stainless steel plow light brackets, extended for 2 post mount lights		
		* Hood mounted		
		* Wired to plow light switch in cab		
		* All weld burns on plow light brackets must be cleaned prior to installing on hood.		
		* All wiring installed in protective loom		
		* Connections to be di-electric greased		
		BODY UP SWITCH & LIGHT:		
1.00	SWM 43C	Preco Switch, water resistant, 5 amp rating, 360 degree movement, can be wired open or closed, maded of ABS plastic, adjustable mounting bracket.		

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	0800850	Imperial LED indicator light - red * Body up switch installed on hoist cradle, driver side * Light installed in control console * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		MASTER CIRCUIT BREAKER:		
1.00	175-S0-080-2	Chief 80 amp high amp circuit breaker. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		RELAY:		
1.00	140-0379	TST 75 amp relay, 12V bracket. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
		AIR TAILGATE VALVE:		
1.00	101004	Velvac Solenoid Operated Tailgate Lock Kit w/solenoid valve, 3.5" I.D. x 6" stroke air cylinder, clevis hardware, faceplate. * Air valve mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom		

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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Connections to be di-electric greased * All air line from chassis to valve to valve to cylinders at rear.		
1.00	DC-3200	BODY VIBRATOR: Cougar Dump Body Vibrator 12 volt DC, 3200 lbs of force, 85 amps, 4000 RPM, Includes mounting kit, wiring kit, switch * Mounted on channel support * Stainless steel safety chain attached * All wiring ran under body in stainless pipiing * All vibrators solenoids/fuses, etc. mounted in valve enclousre		
1.00		PINTLE HOOK: Lindco 5/8" Pintle hook plate * Back side of pintle hitch reinforced with 1" x 1" x 3/8" angle * Pintle hook is wrapped with 1 1/4" x 3/16" flat stock * 5/8" gussets installed on each side of pintle hitch to frame * Chassis S/T/T lights recessed into pintle hitch * Trailer plug installed in pintle hitch		

Subtotal	Continued
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TOTAL	**Continued**

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City of Yorkville
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
2.00	B46	Buyers 3/4" drop forged D-ring w/weld bracket 4-1/2" x 4-1/2" O.D. * Welded on for chains		
1.00	PH30	Buyers 30 ton rigid mount pintle hook		
1.00	054002	Velvac 7-Way Blade Type Socket * Installed in pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
1.00	49122	Grote SuperNova thin-line LED red bar lamps.		
1.00	60321	Grote license lamp w/stainless steel bracket. * Installed on pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
		_____ HYDRAULIC SYSTEM: _____		
1.00		CIRUS CENTRAL HYDRAULIC SYSTEM PER YORKVILLE REQUIREMENTS: POWER TAKE OFF AND PUMP:		
1.00	PTO7005	Chelsea 890 PTO/ALLSION/HS-EXT/L/15T/B2 or		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Quoted To:

City of Yorkville
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		B4/CW/3000:113/ARR-5, power take off		
1.00	0800850	Imperial LED indicator light - red		
1.00	HYD40001	Sauer DanFoss S45 pump/75cc/CW/RP/15SP/B2 loaded sense pump * Driver side mounted * PTO wired to switch in console * All wiring installed in protective loom * Connections to be di-electric greased RESERVOIR/VALVE ENCLOSURE AND VALVE:		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYD1000894	Cirus bolt kit for hybrid PVG32 with internal return EC		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYDRFK-SAE20-PV32	Cirus 14.5" internal return hose kit-PV32		
1.00	HYDCM2	Cirus ASPW 3F CC hydrid inlet-PVG 32-T0-M		
1.00	HYDCe5	Cirus PVG32-T0-35GPM/DA/LS 500A/Max B relief EA for hoist up-down		
2.00	HYDCe13	Cirus PVG32-T0-20GPM/DA/no relief EA for plow up-down & right-left		
1.00	HYDCo2T	Cirus internal tank return end cover-PVG 32 (T0 & Non-T0)		

Subtotal	Continued
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TOTAL	**Continued**

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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	HYDCM2e5e13x202T	Cirus CC Sauer Danfoss (PVG) hydraulic assembly		
1.00	HYD10019EXT18-M12	Cirus Temp/Level Sensor-3/4" Mtg-35g VTC-18" w/M12 connection		
1.00	HBV200	Buyers 2" Ball Valve - Full Flow		
45.00	Hydraulic Oil	Hydraulic Oil		
		CONTROL CONSOLE:		
1.00	UG 620M2	Cirus Master Assy Plow Control, Hoist up-down, Plow up-down & right-left, flip arm seat mount		
1.00	000907	Cirus seat mount "L" bracket		
1.00	000961.58-Assy	Cirus slimline 6 enclosed assy w/angled cover + HDMI		
		* Controls will be mounted after Lindco/Customer pre-build meeting at Lindco.		
		SPREADER CONTROL:		
1.00	N0SSRXM7K00FAT	Cirus SpreadSmart Rx M 7" color KP-FA spreader control		
		* Auger w/sensor cable		
		* Spinner		
		* Pre-Wet (central) w/sensor cable		
1.00	000950.8-Assy	Cirus 7" RAM display mount assembly-7.3 height for spreader control		
		ROAD WATCH:		
1.00	RWSO1001M	Cirus RaodWatch for SSRx mini		

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Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* Sensor mounted on driver side		
		CONSOLE SWITCHES:		
1.00	N0N12HHS0SFAB	Cirus 12 switch hammerhead S for FA accessory control		
1.00	WIRE PKG	Cirus wiring package for switches & indicators		
1.00	SW/IND PKG	Cirus switch & indicator package		
		CABLES:		
1.00	TS-2031	Cirus 8 Port IP 68 Hyd OutPut Cable---6 Meter (19.7 ft)		
6.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-2018	Cirus 4 port hydraulic valve junction box		
3.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-8000	Cirus Main Truck Sensor Cable-9 pin--10 meter (32.8ft)		
1.00	TS-8001	Cirus 4-Port Senor Jnc Bx-9 pin-2.8 meter 9 ft.		
1.00	TS-2005	Cirus 57" sensor cable M12 to M12w LED-auger		
1.00	ELCA SG07050722-002	Certified Power MFE ST/ST BPM 5 meter		
		PRE-WET:		
1.00	PPM-HC	Cirus Pre-wet pump Mod-Hyd Closed loop		
1.00	LISC SG06080015	Certified Power 240 gallon behind the cab prewetting system. Includes (2) 120 gallon tanks, stainless mounting frame, hold down straps and mounting hardware.		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	00002 332 39	Swenson V-box flush kit		
1.00	00002 332 09	Swenson 1-1/2" female quick fill kit		
1.00	ELCA SG07070122	Certified Power Poly Float with BH Corded Plug		
1.00	ELCA SG07050641	Certified Power harness, MIC BH male 22 awg. 4.		
1.00	UB623518	Buyers 18" U-Bolt Kit, (4) Square bend U-Bolts 5/8", (8) 5/8" HEX nuts, (8) 5/8" split lockwashers, (4) 1/2" thick tie bars * Tanks with body		
		HYDRAULIC EXTENDED WARRANTY:		
1.00	EXTEND WARRANTY	Cirus Extended Warranty Package - 2 years - Starts on ship date		
		STAINLESS STEEL HYDRAULIC TUBES FOR DUMP HOIST:		
2.00	8-049 304W/FJX-108"	Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted to the underneath of the body for hoist power down. * One (1) line mounted down frame for hoist power down.		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
		STAINLESS STEEL HYDRAULIC TUBES FOR SALT SPREADER:		
2.00	8-049 304W/FJX-108"	Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted down frame for spinner pressure		

Subtotal	Continued
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TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		* One (1) line mounted down frame for auger pressure		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
1.00	12-065 304W/FJX-108"	Mid-State 3/4"x9' 304 S/S Line with fittings		
		* One (1) line mounted down frame for return for spinner and auger		
3.00	A3-19-A	PCI HD Series Clamps for 3/4" tubing		
		STAINLESS STEEL HYDRAULIC TUBES FOR SNOW PLOW:		
4.00	8-049 304W/FJX-72"	Mid-State 1/2"x6' 304 S/S Line with fittings		
		* One (1) line mounted under cab on driver side for plow angle right		
		* One (1) line mounted under cab on driver side for plow angle left		
		* One (1) line mounted under cab on driver side for plow up		
		* One (1) line mounted under cab on driver side for plow down		
12.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
		HOSES/ADAPTORS/FITTINGS:		
1.00		Hose adaptors, Hose ends and Other Fittings		
1.00		Hydraulic hoses		
		* No hose length is to exceed 6' in length		
		* Hose protection at all wear points		
		SNOW PLOW HYDRAULIC COUPLER:		

Subtotal	Continued
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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2 ports, 1/2".		
1.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports, 1/2".		
4.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male JIC 3/4"-16		
4.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF male JIC 37 * Female coupler mounted to underside of front bumper on driver side * Male coupler mounted to plow hoses * Coupler docking station mounted on plow SPREADER HYDRAULIC COUPLERS:		
2.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2 ports, 1/2".		
2.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports, 1/2".		
8.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male JIC 3/4"-16		
8.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF male JIC 37 * One (1) coupler mounted under body on passenger side for auger pressure & return * One (1) coupler mounted under body on driver side for spinner pressure & return * Couplers installed on spreader spinner		

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2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

Sourcewell
Formerly NJPA
Awarded Contract

QUOTATION

Quote Number: 210326
Quote Date: Mar 3, 2021
Page: 22

Viking-Cives #080818-VCM

Quoted To:

City of Yorkville
610 Tower Lane
Yorkville, IL 60560
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		and auger short hoses		
2.00	4HF4-S	Dixon 1/2" female stainless steel coupler		
2.00	H4F4-S	Dixon 1/2" male stainless steel nipple		
4.00	4HDP-H4DC	Dixon 1/2" Dust Cap/Plug		
		* Stainless steel couplers for lift cylinder		
		SNOW PLOW:		
1.00	42R11-RMB-ECT-CPF	Henke Road Warrior Reversible Snow Plow: 11' wide x 42" high, integral shield, mailbox cut out, dul compression spring trip moldboard, UQH quick hitch.		
		* 11' wide		
		* 42" high		
		* 10 gauge steel moldboard		
		* Mailbox cut out on curbside		
1.00		* Winter Equipment curb guard on curbside		
1.00		* Double 5/8" thick top punch cutting edges		
1.00		* Plow jack stand		
		* Plow angle cylinder cushion valve		
		* UQH quick hitch swivel plate with stops		
		* Deflector hardware		
1.00	3512144	"Lindco" Snow Deflector 12"		
1.00	1308110	S.A.M. 36" blade guides		
		SNOW PLOW TRUCK HITCH:		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

25% Restock Fee on All Cancelled and Returned Orders

LINDCO
Equipment Sales
DIVISION OF VIKING-CIVES GROUP

2168 East 88th Drive
Merrillville, Indiana 46410

Voice: (219)795-1448
Fax: (219)736-0892

Sourcewell Formerly NJPA
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Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
1.00	6236000	Henke Plow Hitch, UQH truck portion, lo-profile design, folding lift arm, level left chain style with 3/8" chain links		
1.00	6236903	Henke Lift Cylinder 4X10X2 DA w/ Strap		
2.00	W4P03596	Schmidt "Z" bracket-connect frame to plow 3.25" x 5.5" x 1/2" thick (Each)		
1.00		Lindco custom Peterbilt side plates * Lindco will reuse Peterbilt factory bumper		
		SALT SPREADER:		
1.00	00002 463 84	Swenson SADS tailgate spreader w/ 18" poly spinner, direct drive, 6" auger, stainless steel construction, no paint, sides of spreader 8" higher, sensor motor. * 304 2B stainless steel * 6" auger * Direct drive auger motor * Standard side height * Stainless steel quick detach mounting hardware		
1.00		Short Hose Kit		
1.00		Stainless steel pre-wet spray bar installed in auger trough		
1.00		** Yorkville designs spresder stainless steel		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Yorkville, IL 60560
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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		side spill shields		
		CAMERA SYSTEM:		
1.00	A4693	Brigade color camera kit complete with VBV-770D-000N 7" LCD color monitor, VBV-701C color camera and 66' cable		
1.00	MSF5001 Camera	Camera system box w/ram adjustable bracket, stainless steel.		
1.00	MSF8470037000-LR	Camera Wash (1) nozzle for single camera. Does not include tubing kit. MSF5010 or reservoir or reservoir cover		
1.00	MSF5010	Camera Wash 30' tubing kit complete with air and washer		
1.00	MSF8470038000A	Camera Wash nozzle kit * Camera mounting will be determine during customer pre-built meeting * Monitor mounting will be determine during customer pre-built meeting		
		PAINT & UNDERCOATING:		
1.00	PAINT PINTLE HITCH	Paint Pintle Hitch		
1.00	PAINT HOIST & SUBFRA	Prime Where needed and Paint Hoist & Subframe to black		
1.00	PAINT PLOW HITCH	Paint Plow Hitch, Including lift arm, side		

Subtotal	Continued
Sales Tax	Continued
TOTAL	**Continued**

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Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	4/2/21	Net 30 Days	30970

Quantity	Item	Description	Unit Price	Amount
		plates, bumper and lift cylinder black		
1.00	PAINT-MISCEL	Paint Miscel		
1.00	Under Coat	Under coat dump body		
		MISC., FREIGHT & LABOR:		
2,559.20	Misc.	Miscellaneous Material - includes any or all of the following: wiring, electrical connectors, tie downs, clamps, nut, bolts, washers, steel, oil, grease, etc.		
3,219.00	FREIGHT	FREIGHT		
260.00	INSTALLATION	Lindco Installation Labor Hours		

Subtotal	113,063.00
Sales Tax	
TOTAL	**113,063.00**

25% Restock Fee on All Cancelled and Returned Orders

HIGH PERFORMANCE PRODUCTS FOR TRUCKS









PLOWS / WINGS / SCRAPERS / SPREADERS

HENKE®

AN ALAMO GROUP COMPANY

PARALLEL LIFT PLOWS

HENKE®
henkemfg.com



When superior plowing performance, ease of operation and all around safety is important, these plows are the #1 solution.

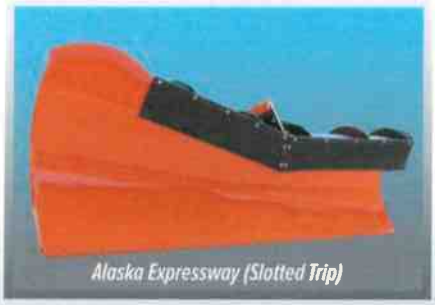
- **Level lifting at all angles**
- **Follows the contours of the road smoothly and effectively** without the bouncing and chatter experienced with traditional plow
- **Safe/easy to operate and maintain**
  - Easy to connect/disconnect (1 person job)
  - One common cylinder for lift and reversing
  - Flat plate hitch is safe: no hazards created by protruding hitch arms
  - Plus the flat plate hitch allows the plow to mount closer to truck and it provides better ground clearance
- **Multiple trip styles available:** Full, slotted, torsion, compression

ADVANCED TECHNOLOGY AND FEATURES

ULTIMATE PERFORMANCE

PLOW STYLE	Moldboard*	Trip Styles*	Lengths (ft)	Heights(in)**
STRAIGHT	10 ga, Poly-lined Steel, 304 Stainless Steel	Full Trip, Slotted Trip, Torsion Trip, Compression Trip	10, 11, 12, 14	30, 36, 41, 48
J PLOW	10 ga, Poly-lined Steel, 304 Stainless Steel	Torsion Trip	10, 11, 12	30, 36, 41, 45, 48
EXPRESSWAY (Batwing, Dual Discharge, Alaska Expressway)	10 ga, 3/16	Slotted Trip	10, 11, 12	Varies
FUNNEL/ONE-WAY	10 ga, 3/16	Slotted Trip	10, 11, 12	Varies
FOLDING-V (FVX)	10 ga	Compression Trip	10, 11, 12, 14	41
AIRPORT	10 ga, 3/16	Torsion Trip, Rubber Cushions***	Varies	50, 62/50/62

*Not all sizes are available with all materials and trip styles. **Not all heights are available in all lengths. Common lengths and heights are listed, others are available upon request. ***Rubber cushions are not a trip style.


Alaska Expressway (Slotted Trip)


Alaska Expressway (Slotted Trip)


Straight (Full Trip)


Batwing Expressway (Slotted Trip)


Dual Discharge Expressway (Slotted Trip)


Funnel/One-Way (Slotted Trip)


Folding-V FVX (Compression Trip)


J-Plow (Torsion Trip)


Airport (Rubber Cushion)

HENKE HITCH SYSTEMS

HENKE
henkemfg.com



Henke offers a wide variety of commonly used truck hitches and truck attachment kits to fit just about any plow hitch being used, anywhere in the country. The following include the most popular hitches that we sell.

- Flat Plate Hitches
- UQH Hitches
- QCP Hitches
- Quick Link Hitches
- SQH Adapter Hitches
- Universal Pin-On Hitches
- Husting Hitches

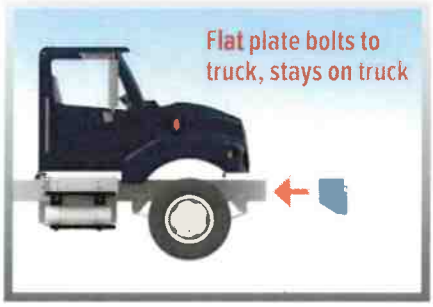
HENKE'S FLAT PLATE HITCH IS BY FAR THE BEST CHOICE FOR YOUR FLEET. SAFE, EASY TO USE, LESS WEAR AND TEAR ON THE TRUCK'S FRONT AXLE.

- Allows users to remove the plow and adapter hitch when not in use
- Flat plate weighs significantly less than a typical truck hitch
- Faster to hook up/un-hook plows
- Better ground clearance than traditional hitches
- Increased safety.

PUTTING IT ALL TOGETHER



HENKE'S SQH ADAPTER HITCH CONNECTS A FOLD-DOWN, TELESCOPING ARM TO YOUR FLAT PLATE HITCH









STANDARD SQH ADAPTERS ARE AVAILABLE IN THESE CONFIGURATIONS:


Universal Quick-Hitch (UQH)


Universal Pin-On


QCP Hitch


Quick Link Hitch

ROAD WARRIOR

SHIFT TO THE HIGHER STANDARD



HENKE'S MODULAR PLOW SYSTEM - Flexibility to build the best plow for your application

With **over 100 years of experience making snow plows**, Henke has developed a standardized plow line that gives you the flexibility to build the plow you need. By combining different options for height, width, profile, pushframe, trip, hitch, and running gear, you can easily create a highly customized "standard" plow.

- Henke's moldboards with chain style level lift (or optional sliding level lift) **keeps the plow level** while our **integral snow shield prevents snow from blowing over the top** of the moldboard.
- **Henke's Grade 50 Steel is 39% stronger** than A-36 Steel.
- Henke's **Road Safe pushframe provides maximum strength** and prevents bottom angle bending. **Cylinders are located above the pushframe for protection** against road debris and ease of maintenance.







From the urban core to the steepest mountain passes, Henke's Road Warrior Plow will conquer your toughest challenges

	SELECT:	STYLES	MATERIALS	LENGTHS (ft)	HEIGHTS
1	MOLDBOARDS	Straight Expressway Funnel/One-Way	Grade 50 Steel 304 Stainless Poly-Lined Steel	10 11 12	Varies by Style
		STYLES	**LENGTHS**	**NOTES**	
2	PUSHFRAMES	Road Safe* Tube Table** Parallel Lift**	Standard: 119.5" 6 Ribs Heavy Duty: 119.5", 8 Ribs	*Road Safe frame prevents bottom angle bending. Cylinders above frame. **Not available with all moldboard shapes and sizes.	
		STYLES	**DESCRIPTION**		
3	TRIPS (Not all trips are available with every moldboard size and pushframe selection)	ECT EST EXT SLT SSTE	External Compression - Spring Enclosed Springs - EST (Single) or DEST (Dual) Extension Spring - 6 Springs or 8 Springs Slotted Trip - Spring-in-Spring Square Spring Trip Edge		
4	LIFT SYSTEMS	Standard Lift: 2 Chain level lift design Sliding Level Lift: Improved Performance as plow is angled Parallel Lift: True level lifting as plow is angled and raised or lowered			
5	OPTIONS: *Many options are available. A few common ones are listed.*	Various Wear Components; Various Running Gear (Runner Shoes, Steel Wheels, Pneumatic Running Gear, Mushroom Shoes - standard or spring loaded) Single or Dual Mouse Ears; Mailbox Cut; Jack Stand; Rod Markers			

V-PLOWS

TACKLE AND DOMINATE HEAVY SNOW

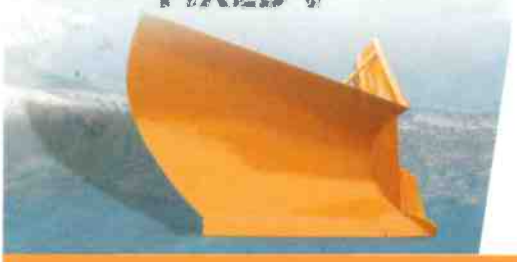
FOLDING V FVX



The Henke FVX is **ideal for urban/city plowing,** especially for areas with lots of cul-de-sacs and roundabouts. The FVX adjusts to scoop, vee or reversible plowing positions for maximum versatility. FVX is available with Henke's Parallel Lift System or Chain Lift. 41" tall moldboards are 10 ga, Grade 50.

Plow Width (ft)	Width/Swath (in)	Straight	Angled	Vee	Scoop
10	Overall Width	123.26	111.68	116.77	106.60
	Plowing Swath	123.26	101.37	105.89	96.85
11	Overall Width	135.26	126.6	126.6	116.43
	Plowing Swath	135.26	115.72	115.72	**106.68**
12	Overall Width	147.26	136.43	136.46	126.26
	Plowing Swath	147.26	125.55	125.55	116.51
14	Overall Width	171.26	156.09	151.00	145.91
	Plowing Swath	171.26	145.21	140.69	136.17

FIXED V



The Fixed V-10's unique blade curvature helps **bust through drifts and deep snow to open roads.** 52" nose height, 86" rear height.

- **Rugged construction** - 10 ga, Grade 50 moldboard, plus reinforced channels for maximum support
- Three easily-accessible running gear assemblies provide easy adjustment without tools.

POLY FLEX PLOW

EASILY TRANSFORMS WHILE IN OPERATION: Right or Left Discharge, Tall Front Push or Snow Shield Curl



THE MOST FLEXIBLE WAY TO MANAGE SNOW REMOVAL

When you need to combine the advantages of a one-way plow with a reversible plow, Henke's Poly Flex Plow is the answer. This highly adjustable, can be manipulated to handle multiple snow clearing challenges.

- **Hydraulically adjustable** on the fly
- **UHMW Polymer** moldboard, will not crack at low temperatures or upon impact
- **Torsion Trip Edge** easy to adjust and to maintain
- **Dual Reversing Cylinders,** nitrided rods
- **Dual Moldboard Contouring Cylinders**
- **Swivel Feature** to follow road contours
- **11', 12' and 14' Lengths,** multiple options

TRUE FLOAT WINGS

POSTLESS PATROL WING ELIMINATES CHATTER



HENKE®

henkemfg.com

Henke's parallel lift link doesn't bind up like traditional "slide style" wings. The unique true float, non-trailing design reduces wing chatter and increases effectiveness at cutting through packed snow and ice.

- The MOST vertical float of all postless wings
- More durable than traditional slide style wings
- Available in full trip, trip edge, and non-trip models
- Truck hitch compatibility (front mount only):
  Non tilt, Manual tilt or Power tilt
- Multiple mounting locations:
  - Front-mount
  - Mid-mount with rear attachment mounted forward of tires, behind tires, or between tandems
- Moldboard heights:
  - Tapered (29" intake, 36" discharge)
  - Straight (31")

Mounting Locations	Benching Heights (in)	Trips	Lifts	Pushbeams
Front	14.5	Full Trip Trip Edge* Non Trip	Front** Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual
Mid	12.5	Full Trip Trip Edge* Non Trip	Front** Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual

*Add 5" to moldboard heights **Front lift is available with single pushbeam only

The ONLY TRUE-FLOAT, NON-TRAILING WING ON THE MARKET

Learn more about it in our video on YouTube.



AVAILABLE IN BOTH FRONT AND REAR LIFT



Front Lift Single Pushbeam
(shown with spring cushioned pushbeam)



Rear Lift Single Pushbeam
(shown with hydraulic adjustable pushbeam)



Rear Lift Dual Pushbeam
(shown with spring cushioned pushbeam)

SLIDE POST WINGS

HENKE®
henkemfg.com

MID-MOUNT AND FRONT MOUNT WINGS DESIGNED TO FUNCTION IN ALL KINDS OF ENVIRONMENTS



We recognize that not all plowing situations are the same for every customer. Henke works with you to determine the best wing system for your truck and environment. The chart below illustrates a few of our most popular wing selections.

- Moldboard heights:
  - Tapered (29" intake, 36" discharge)
  - Straight (31")
- Rear posts available with 48"/68" bench height wings:
  - 34" slide + cable lift
  - 48" slide + hydraulic lift
  - Fixed rear + hydraulic lift

Mounting Locations	Benching Heights (in)	Trips	Lifts		Post Style
Front	18	Full Trip* Trip Edge** Non Trip	Front Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	34	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	48	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Dual	All Hydraulic
	68	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Dual	Cable Lift
Mid	18	Full Trip* Trip Edge** Non Trip	Front Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic
	34	Full Trip Trip Edge** Non Trip	Rear	Spring Cushioned Single Hydraulic Adjustable Single Spring Cushioned Dual	All Hydraulic

*Full trip is not available with front lift **Add 5" to moldboard height

BUILT TO PERFORM







For enhanced operating capability, combine one of Henke's front plows (parallel or traditional lift) with postless or hydraulic wings.







UNDER BODY SCRAPERS

ADD HARDCORE SCRAPING ACTION TO YOUR FLEET



A GREAT ALL-SEASON WORKHORSE – REMOVES HARD PACKED SNOW AND ICE; GREAT FOR GRAVEL & SHOULDER ROAD MAINTENANCE

Built strong, built to last, Henke's Under Body Scrapers will provide years of service with minimal maintenance. A 1" heat-treated carbon steel moldboard is available in two models -- Power Reversing or Fixed Angle.

Henke Model	Lengths (ft)	Heights (in)	Actuating Cylinders	Reversing Cylinders	Mounting Options
Power Reversing	10, 11, 12	15.5, 17, 20	Two 3" bore with 2" nitrited rods	two 4" bore with 2" nitrited rods	Four heavy duty legs, or Two heavy duty plates
Fixed Angle	10, 11, 12	15.5, 20	One or two 3" bore with 2" nitrited rods	N/A	Three or four heavy duty legs

POWER REVERSING UBS:

- Solid 2.5" hinge shaft and four (4) hinge-anchor points
- Hangerboard circle clamps 102 sq-in, with poly wear pads
- One piece circle, 1" thick solid steel with 5" center pin
- Crossover relief valve for reversing cylinders
- Down pressure relief valve for actuating cylinders
- ½" x 6" SAE 1084 high carbon steel cutting edge (standard)



HENKE'S UNDER BODY SCRAPERS SUPPLY ENOUGH FORCE TO REMOVE HARD PACKED SNOW AND ICE WITHOUT DAMAGING THE ROAD SURFACE

SEVERAL OPTIONS OF CUTTING EDGES AND WEAR GUARDS ARE AVAILABLE, PLUS THESE GREAT ADD-ONS:

- 12" bolt-on extensions adds extra swath (20" moldboard only)
- Manual reverse option available
- Remote grease line for 5" center pin
- Spiral greased grove hinged shaft (makes shaft removal easier)

BACKED WITH FIRST RATE SERVICE AND OUTSTANDING WARRANTY PROTECTION

888.682.9010
henkemfg.com

HENKE®

AN ALAMO GROUP COMPANY

HENKE HXC CARTRIDGE SPREADER



The ONLY V-BOX spreader with a removable conveyor cartridge, the easiest to maintain, most cost-effect solution available.

HENKE CHANGES THE GAME WITH OUR EXCLUSIVE REMOVABLE/REPLACEABLE CONVEYOR CARTRIDGE

The replaceable cartridge in our innovative HXC Spreader is the easiest conveyor system on the market to service or repair.

BEST ROI FOR V-BOX SPREADERS ON THE MARKET

The modular design of the removable cartridge reduces cost of ownership by providing longer service life of the main structure and hopper. Just replace a worn out cartridge conveyor vs. replacing the WHOLE unit.

FLEXIBILITY TO USE DIFFERENT CONVEYOR SYSTEMS IN 1 UNIT

Choose between a pintle chain, single 9" auger or dual augers. This gives you the control and versatility you need for use of specific materials and spreading applications.







SPECIFICATIONS
304 stainless steel construction
Available in 9' - 15' lengths
Fully replaceable conveyor system
Remote chain tensioning
Spinner deflectors are adjustable without tools
Unique telescoping discharge chute for even high-flow rates
Built-in hydraulic lockout systems on all auger spreaders
Spinner drive "shed" prevents clogging & fouling in the chute
Integrated safety features allow tool-free access for routine maintenance

WE GIVE YOU OPTIONS

- Spinners are available in poly or steel versions
- Adjustable Spinner Chutes are available with dumpover and tilt-up options
- Safety options- light bars, reflective tape
- Stationery or swing-up ladder
- Hopper vertical extension available for increased capactiy
- Top grates, rib mounted rollers, bumper guard, front and side spill shields



HENKE'S VERSATILE, MODULAR SYSTEM IS DESIGNED TO GIVE YOU THE BEST SOLUTION FOR YOUR APPLICATION

LEARN MORE, WATCH THE HXC VIDEOS ON OUR YOUTUBE CHANNEL





HENKE®

AN ALAMO GROUP COMPANY

888.682.9010

henkemfg.com

UTS-9
UNDER TAILGATE SPREADER

THE ULTIMATE CHOICE FOR EASY MAINTENANCE AND SUPERIOR PERFORMANCE



UNIQUE MULTI-POSITION COVER/BACKPLATE

Henke's UTS-9 features 4 different settings from fully closed to fully open in a 90° flat position. This gives you the easiest position to clean and maintain the 9" auger and spreader unit.



SET-BACK POSITION FOR INCREASED MATERIAL CAPACITY

Opening the spreader to the set-back position allows for additional tailgate swing giving you increased material capacity.



SAFETY LOCK-OUT DEVICE

Safety is important at Henke Manufacturing, the UTS-9 is designed to disengage the motor when gaining access to the auger. Additionally, our exclusive side mounting plates limit access during operation.



BETTER MATERIAL FLOW BY DESIGN

Our sloped rear apron helps shed material from the dump body into the conveyor trough and helps prevent material build-up. This increases your operating uptime and decreases needed cleaning.



DESIGNED TO BE EASY TO MAINTAIN AND PREVENT DOWNTIME

The offset motor mount makes maintenance a snap while preventing material build-up on the shaft which can prematurely blow a seal.



FOLD FORWARD CLEAN OUT

The first step in using the fold forward clean out is to disengage the safety lock-out device. The spinner assembly stays attached giving you quick and easy access.



ALL-SEASON USE

The optional berm chute gives you the flexibility to disperse aggregate.

SPECIFICATIONS
Body is designed to fit below the dump bodies tailgat with outside widths ranging from 94: - 96" Unit overall width: 96" Approximate weight: 661bs
Heavy-duty 7Ogauge cover/backplate and trough with 1/4" endgates
9" diameter carbon steel auger. Auger shaft is tapped at one end to allow installation of speed sensor
3 heavy-duty latches keep cleanout door securely sealed
20" polyurethane spinner disk is adjustable front-to-back and side-to-side and can be removed without tools
Auger motor is offset from hopper body to prevent damage to seal
Quick disconnect mounting kit with 1/4" pins



Check out our product demo video on YouTube

A DEDICATED TEAM THAT DELIVERS

Listening to our customers helps us understand the unique challenges they're faced with. That, in turn, helps our engineering and manufacturing team use their expertise to design solutions that perform beyond specs and expectations.

When you call on HENKE, you'll receive first rate service backed by a team of seasoned industry professionals. With HENKE, ***your*** concern is **our** concern and we do everything we can to create a successful outcome for you.

HENKE'S HXC Cartridge Spreader, The only V-Box Spreader on the market with a removable conveyor system, designed to be easy to maintain and cost-effective for the long haul.

Learn more about it in our



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AN ALAMO GROUP COMPANY

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HENKE: ENGINEERED TO GIVE YOU THE BEST



BUILT WITH THE CUSTOMER IN MIND

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VISIT HENKE ON YOUTUBE...

You'll find short, informative videos highlighting product features and benefits. Subscribe to the channel as new videos are constantly added.

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henkemfg.com

HENKE®

AN ALAMO GROUP COMPANY

STAINLESS STEEL DUMP BODIES

DURACLASS®



SL-316 shown with optional equipment.

MEMBER VERIFICATION PROGRAM NTEA MVP

Made in USA

www.duraclass.com

Durability that *Means Business*

The DuraClass® Line

LIGHT DUTY

Better than Ever in Stainless Steel



Yardbird & Super Duty Yardbird

DuraClass Yardbird and Super Duty Yardbird Stainless Steel Dump Bodies are ideal for contractors and landscapers hauling equipment, soil, stone, mulch and other materials.



Super Duty Yardbird shown with available material spreader.

MEDIUM DUTY

Stainless Steel Bodies, Ready to Work



SL, SL-316, HM & HH

Medium Duty Stainless Steel Dump Bodies from DuraClass feature a unique body sidewall design that includes a continuous top rail, side and running board configuration. Without an outside seam weld below the top rail, moisture and freeze problems are virtually eliminated!



HM Dump Body.

DURACLASS®

STAINLESS STEEL

Tough, Reliable, Ready to Work

Stainless steel provides superior corrosion resistance with maximum durability. Stylish, rugged, dependable, stainless steel DuraClass bodies are available for light, medium and heavy duty applications, as well as municipal snow and ice control. DuraClass stainless steel bodies are built to last and provide years of reliability and premium performance.

ow in Stainless Steel

HEAVY DUTY

Stainless Steel Reliability for the Toughest Jobs



HPT-316 with Hi-Lift tailgate and optional material spreader.

LH, HPT, HPT-316, HPT-B1 & HPT-B2

DuraClass Heavy Duty Stainless Steel Dump Bodies offer full depth rear corner posts and oversize front corner posts for strength and durability. DuraClass dump bodies also feature protected hidden tailgate hardware and heavy duty upper and lower tailgate hardware.

SIDEWINDER™

Corrosion Resistant Stainless Steel When You Need it Most



Sidewinder™ & Sidewinder Jr.™

The versatile Stainless Steel DuraClass Sidewinder and Sidewinder Jr. operate as standard dump bodies most of the year, while providing the perfect solution for spreading material during the winter months.



HPT-316 with Hi-Lift tailgate and optional material spreader.

Sidewinder Jr. with optional tarp system.



TELESCOPIC (HPT) & SUBFRAME HOISTS

HPT HOISTS

- Increased capacity
- Better stability
- Increased productivity
- Improved longevity

DOUBLE ARM SUBFRAME HOIST

Effective twin-arm leverage raises body for faster dumping cycle.

SCISSORS SUBFRAME HOIST

Premium performance with powerful double acting cylinder preventing "kick back" giving you complete positive control.



Double Arm Subframe Hoist

Accessories



LED Lights



Cabshields



Patch Gates



Tarp Rods

DuraClass - Durability that Means Business!

With over a century of experience DuraClass continues to deliver the most stylish, rugged and dependable dump bodies and hoists to the work truck industry.

DuraClass designs and manufactures a comprehensive range of premium Class 3 – 8 dump bodies, hoists, and related equipment.

All bodies shown with some optional equipment. Models and options are subject to change without notice.
Vehicles pictured may include optional installed items which may not be standard equipment.

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ROAD WARRIOR

SHIFT TO THE HIGHER STANDARD



HENKE'S MODULAR PLOW SYSTEM - Flexibility to build the best plow for your application

With **over 100 years of experience making snow plows**, Henke has developed a standardized plow line that gives you the flexibility to build the plow you need. By combining different options for height, width, profile, pushframe, trip, hitch, and running gear, you can easily create a highly customized "standard" plow.

- Henke's moldboards with chain style level lift (or optional sliding level lift) **keeps the plow level** while our **integral snow shield prevents snow from blowing over the top** of the moldboard.
- **Henke's Grade 50 Steel is 39% stronger** than A-36 Steel.
- Henke's **Road Safe pushframe provides maximum strength** and prevents bottom angle bending. **Cylinders are located above the pushframe for protection** against road debris and ease of maintenance.

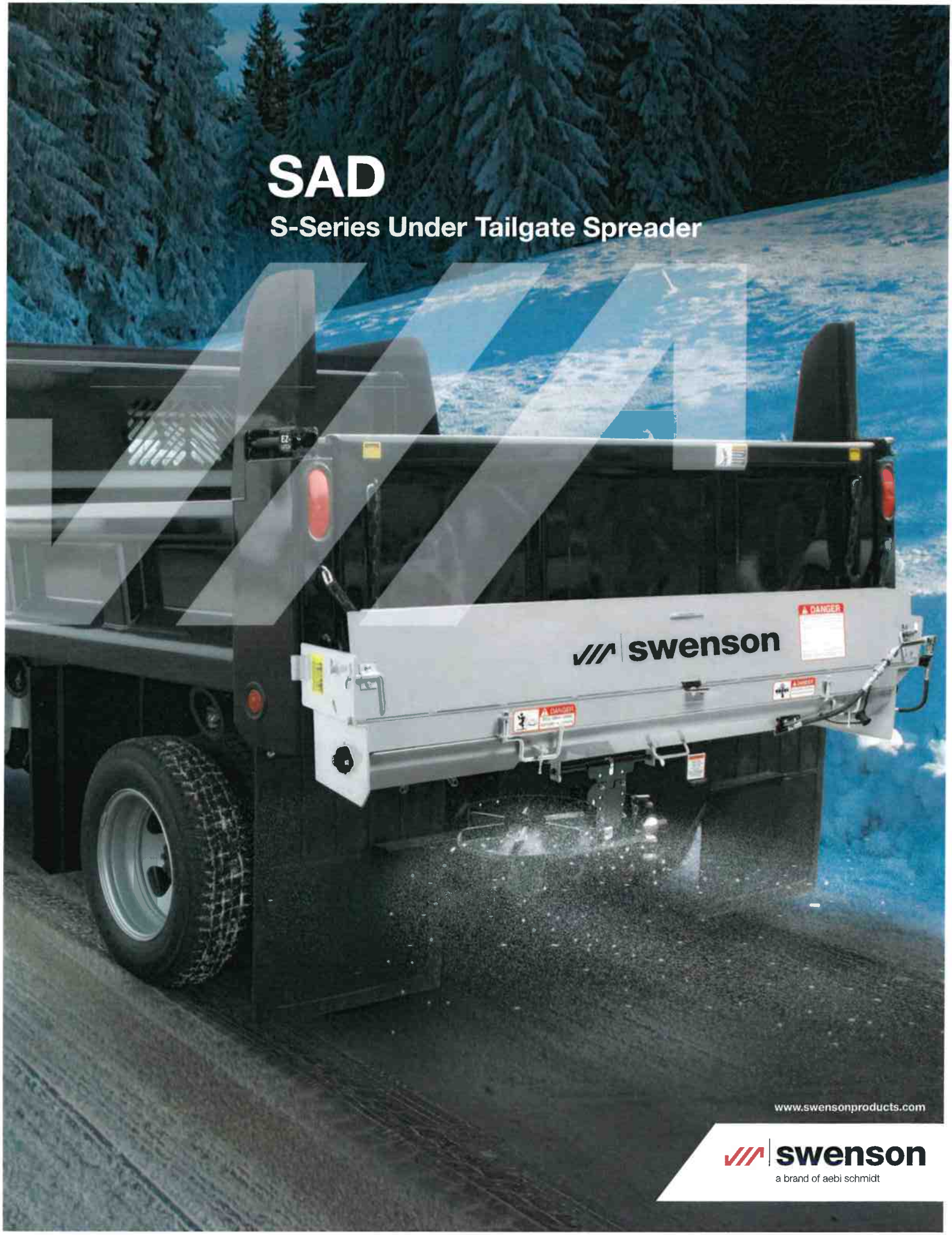






From the urban core to the steepest mountain passes, Henke's Road Warrior Plow will conquer your toughest challenges

	SELECT:	STYLES	MATERIALS	LENGTHS (ft)	HEIGHTS
1	MOLDBOARDS	Straight Expressway Funnel/One-Way	Grade 50 Steel 304 Stainless Poly-Lined Steel	10 11 12	Varies by Style
		STYLES	**LENGTHS**	**NOTES**	
2	PUSHFRAMES	Road Safe* Tube Table** Parallel Lift**	Standard: 119.5" 6 Ribs Heavy Duty: 119.5", 8 Ribs	*Road Safe frame prevents bottom angle bending. Cylinders above frame. **Not available with all moldboard shapes and sizes.	
		STYLES	**DESCRIPTION**		
3	TRIPS (Not all trips are available with every moldboard size and pushframe selection)	ECT EST EXT SLT SSTE	External Compression - Spring Enclosed Springs - EST (Single) or DEST (Dual) Extension Spring - 6 Springs or 8 Springs Slotted Trip - Spring-in-Spring Square Spring Trip Edge		
4	LIFT SYSTEMS	Standard Lift: 2 Chain level lift design Sliding Level Lift: Improved Performance as plow is angled Parallel Lift: True level lifting as plow is angled and raised or lowered			
5	OPTIONS: *Many options are available. A few common ones are listed.*	Various Wear Components; Various Running Gear (Runner Shoes, Steel Wheels, Pneumatic Running Gear, Mushroom Shoes - standard or spring loaded) Single or Dual Mouse Ears; Mailbox Cut; Jack Stand; Rod Markers			


SAD
S-Series Under Tailgate Spreader
swenson
DANGER
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swenson
a brand of aebi schmidt





SAD
Under Tailgate Spreader

The S-Series Under Tailgate Spreaders have height-adjustable spinners and are designed to install below the existing tailgate. This provides a variety of spreading solutions when the dump body is higher than 44 inches above the ground.

- Designed for 15,000+ GVW trucks with ground clearances greater than 44 inches
- Works with 96 in. wide dump bodies
- Mounts below dump body tailgate
- Rugged 6 in. auger with continuous/reverse flighting to unload from both sides of the dump body

Highlights

- Independent hydraulic control of auger and spinner
- Direct drive higher performance and lower maintenance
- 18 in. poly spin disc broadcasts up tp 40 ft.
- Stainless steel or carbon steel construction
- Stabilizer kit keeps spinner parallel to the road at all dump angles
- Tailgate shields
- Made in the USA

Specifications

Size	96 in. width
Conveyor	6 in. auger with continuous/reverse flighting
Drive	Hydrualic
Weight Empty	540 lbs.
Construction	Carbon steel or Stainless steel
Spread Width	4–40 ft.
Safety Features	Hydrualic safety interlock
Warranty	1 year
Accessories	Dual flow control valve controller, central hydraulic hose kit, central hydraulic 7 gallon tank kit
Controller	Purchased separately

Memorandum

To: Bart Olson, Administrator
From: Eric Dhuse, Director of Public Works
CC:
Date: January 4, 2021
Subject: Parking Lot and Trail Maintenance

Summary

I have prepared a cost analysis comparing the cost associated with parking lot and trail maintenance when done by a contractor versus in house over a 5-year period.

Background

The city owns and maintains approximately 24 miles of trails and 11 acres of parking lots with an approximate value of $3M. To properly take care of these valuable assets takes a good deal of time and money but is far less expensive than replacing them due to poor maintenance. At this time, we have only performed parking lot maintenance sporadically and no trail maintenance. Before we get to a point where we are patching and replacing these assets, I recommend that we maintain them to a much higher level, extend their useful life and make them safe for all to use.

I have attached a comparison to maintain these assets using contracted work or purchasing the necessary equipment and performing the work in house.
In this comparison, I used the following criteria:

1. 6-year maintenance rotation in which all trails and parking lots would be seal coated and striped.
2. Pricing from our engineering firm, the internet, and Seal Master which sells supplies and equipment for seal coating.
3. One coat of sealer per application
4. 4" painted lines for striping

Year 1 comparison highlights
This is the only year that the contractor cost is less than the city cost due to the purchase of the seal coat machine and striping machine. Contractor estimate is $57,500 versus the city cost of $80,200.

Year 2-5 comparison highlights
Once the sealing and striping machines are purchased, the saving begins to increase dramatically.
Year 1 deficit - $22,700
Year 2 savings - $38,600
Year 3 savings - $41,400
Year 4 savings - $36,300
Year 5 savings - $33,900

Total Savings - $127,500

Our assets have a replacement value of approximately $3M and have a useful life of 15-20 years. If we are able to implement this program, we can safely estimate an increase in useful life of up to 50%. So instead of 15-20 years, we are now looking at replacing these assets in 23-30 years. I believe it to be sound planning to spend between 5% -10% of the replacement cost on maintenance through the years to increase the life by 50%. at a cost of as little as ~$142,000 if we perform the work ourselves, or ~$268,000 if we hire it out.

The largest issue we have with implementing this program is manpower. We simply do not have the necessary manpower to be able to perform this work. At the present time, we have a total of 5 employees in the street department. This is not nearly enough employees to perform the workload we currently have, let alone adding another yearly maintenance item that will take multiple weeks to complete each year. As it is now, we take employees from other departments to assist with brush pickup, leaf pickup, parkway tree trimming, mowing, storm drain cleaning and repairs, hot patching, cold patching, and vehicle and equipment maintenance. Each time we do this, it takes away from the normal duties of these employees which means there is work within their own department that is not being completed.

Recommendation

I recommend that the city budget for the purchase of the needed equipment, supplies, and the needed manpower to implement this program for the upcoming FY 22 budget. The savings that will be realized by performing the work in house can help offset the employee salary each year. I realize that it does not cover an entire salary, but it is a real savings and the benefit of an additional street employee would greatly assist in completing some of the work that is now performed by other departments on a regular basis.

Year 1 Striping and Sealcoating Contractor Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
South Main St.	300	$0.90	$270.00	300	$5.00	$1,500.00	**$1,770.00**
Old Jail lot	600	$0.90	$540.00	360	$5.00	$1,800.00	**$2,340.00**
VAC Lot	3,235	$0.90	$2,911.50	1,520	$5.00	$7,600.00	**$10,511.50**
East Alley	3,800	$0.90	$3,420.00	1,100	$5.00	$5,500.00	**$8,920.00**
Hydrualic and 47	1,200	$0.90	$1,080.00	600	$5.00	$3,000.00	**$4,080.00**
Rt. 47 Trail	13,489	$0.90	$12,140.10				**$12,140.10**
Rt. 34 West Trail	11,200	$0.90	$10,080.00				**$10,080.00**
Rice River's Edge	673	$0.90	$605.70				**$605.70**
Van Emmon	750	$0.90	$675.00				**$675.00**
Parks Garage	4,000	$0.90	$3,600.00	560	$5.00	$2,800.00	**$6,400.00**
							$57,522.30

Year 1 Striping and Sealcoating City Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
South Main St.	300	$0.30	$90.00	300	$1.00	$300.00	**$390.00**
Old Jail lot	600	$0.30	$180.00	360	$1.00	$360.00	**$540.00**
VAC Lot	3,235	$0.30	$970.50	1,520	$1.00	$1,520.00	**$2,490.50**
East Alley	3,800	$0.30	$1,140.00	1,100	$1.00	$1,100.00	**$2,240.00**
Hydrualic and 47	1,200	$0.30	$360.00	600	$1.00	$600.00	**$960.00**
Rt. 47 Trail	13,489	$0.30	$4,046.70				**$4,046.70**
Rt. 34 West Trail	11,200	$0.30	$3,360.00				**$3,360.00**
Rice River's Edge	673	$0.30	$201.90				**$201.90**
Van Emmon	750	$0.30	$225.00				**$225.00**
Parks Garage	4,000	$0.30	$1,200.00	560	$1.00	$560.00	**$1,760.00**
							$16,214.10

Year 2 Striping and Sealcoating Contractor Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Beecher Center	4,800	$0.90	$4,320.00	1,960	$5.00	$9,800.00	**$14,120.00**
Library	3,500	$0.90	$3,150.00	1,520	$5.00	$7,600.00	**$10,750.00**
City Hall/Police Dept.	3,100	$0.90	$2,790.00	1,400	$5.00	$7,000.00	**$9,790.00**
Kennedy Rd. Trail	16,356	$0.90	$14,720.40				**$14,720.40**
Blackberry Shore Lane	1,555	$0.90	$1,399.50				**$1,399.50**
Cannonball Trail	2,222	$0.90	$1,999.80				**$1,999.80**
Clark E. Main St.	136	$0.90	$122.40				**$122.40**
Clark Parking Lot	186	$0.90	$167.40				**$167.40**
							$53,069.50

Year 2 Striping and Sealcoating Dity Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Beecher Center	4,800	$0.30	$1,440.00	1,960	$1.00	$1,960.00	**$3,400.00**
Library	3,500	$0.30	$1,050.00	1,520	$1.00	$1,520.00	**$2,570.00**
City Hall/Police Dept.	3,100	$0.30	$930.00	1,400	$1.00	$1,400.00	**$2,330.00**
Kennedy Rd. Trail	16,356	$0.30	$4,906.80				**$4,906.80**
Blackberry Shore Lane	1,555	$0.30	$466.50				**$466.50**
Cannonball Trail	2,222	$0.30	$666.60				**$666.60**
Clark E. Main St.	136	$0.30	$40.80				**$40.80**
Clark Parking Lot	186	$0.30	$55.80				**$55.80**
							$14,436.50

Year 3 Striping and Sealcoating Contractor Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Bridge Park Parking Lot	6,944	$0.90	$6,249.60	2,640	$5.00	$13,200.00	**$19,449.60**
Well 9	244	$0.90	$219.60				**$219.60**
Cannonball Kylyn's Ridge	398	$0.90	$358.20				**$358.20**
Rt. 34 East Trail	17,777	$0.90	$15,999.30				**$15,999.30**
Prairie Meadows	1,222	$0.90	$1,099.80				**$1,099.80**
Fox Hill/Rush Copley	3,860	$0.90	$3,474.00				**$3,474.00**
Whipering Meadows	3,333	$0.90	$2,999.70				**$2,999.70**
Cannonball Booster	200	$0.90	$180.00				**$180.00**
Bruell St. Lift Station	75	$0.90	$67.50				**$67.50**
Fox Hill East	559	$0.90	$503.10				**$503.10**
Fox Hill West	1147	$0.90	$1,032.30				**$1,032.30**
Greens Autumn Creek	942	$0.90	$847.80				**$847.80**
Heartland Circle	1616	$0.90	$1,454.40				**$1,454.40**
Bridge Park Trail	2,222	$0.90	$1,999.80				**$1,999.80**
PW Garage	4,500	$0.90	$4,050.00	500	$5.00	$2,500.00	**$6,550.00**
							$56,235.10

Year 3 Striping and Sealcoating City Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Bridge Park Parking Lot	6,944	$0.30	$2,083.20	2,640	$1.00	$2,640.00	**$4,723.20**
Well 9	244	$0.30	$73.20				**$73.20**
Cannonball Kylyn's Ridge	398	$0.30	$119.40				**$119.40**
Rt. 34 East Trail	17,777	$0.30	$5,333.10				**$5,333.10**
Prairie Meadows	1,222	$0.30	$366.60				**$366.60**
Fox Hill/Rush Copley	3,860	$0.30	$1,158.00				**$1,158.00**
Whipering Meadows	3,333	$0.30	$999.90				**$999.90**
Cannonball Booster	200	$0.30	$60.00				**$60.00**
Bruell St. Lift Station	75	$0.30	$22.50				**$22.50**
Fox Hill East	559	$0.30	$167.70				**$167.70**
Fox Hill West	1147	$0.30	$344.10				**$344.10**
Greens Autumn Creek	942	$0.30	$282.60				**$282.60**
Heartland Circle	1616	$0.30	$484.80				**$484.80**
Bridge Park Trail	2,222	$0.30	$666.60				**$666.60**
							$14,801.70

Year 4 Striping and Sealcoating Contractor Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Bristol Bay Parking Lot	3,850	$0.90	$3,465.00	2,100	$5.00	$10,500.00	**$13,965.00**
Rotary Parking Lot	2185	$0.90	$1,966.50	1,000	$5.00	$5,000.00	**$6,966.50**
Bristol Bay Driveway	3,177	$0.90	$2,859.30				**$2,859.30**
Raging Waves	1,333	$0.90	$1,199.70				**$1,199.70**
North Tower	665	$0.90	$598.50				**$598.50**
Well 8 & 9 Treatment Facility	2,250	$0.90	$2,025.00				**$2,025.00**
Bristol Bay Trail	14,163	$0.90	$12,746.70				**$12,746.70**
Rotary Path	2953	$0.90	$2,657.70				**$2,657.70**
McClellen to Stepping Stone	7605	$0.90	$6,844.50				**$6,844.50**
Tuscany Trail	3333	$0.90	$2,999.70				**$2,999.70**
Freedom Pl/Grande Tr.	1250	$0.90	$1,125.00				**$1,125.00**
							$53,987.60

Year 4 Striping and Sealcoating City Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Bristol Bay Parking Lot	3,850	$0.30	$1,155.00	2,100	$1.00	$2,100.00	**$3,255.00**
Rotary Parking Lot	2185	$0.30	$655.50	1,000	$1.00	$1,000.00	**$1,655.50**
Bristol Bay Driveway	3,177	$0.30	$953.10				**$953.10**
Raging Waves	1,333	$0.30	$399.90				**$399.90**
North Tower	665	$0.30	$199.50				**$199.50**
Well 8 & 9 Treatment Facility	2,250	$0.30	$675.00				**$675.00**
Bristol Bay Trail	14,163	$0.30	$4,248.90				**$4,248.90**
Rotary Path	2953	$0.30	$885.90				**$885.90**
McClellen to Stepping Stone	7605	$0.30	$2,281.50				**$2,281.50**
Tuscany Trail	3333	$0.30	$999.90				**$999.90**
Freedom Pl/Grande Tr.	1250	$0.30	$375.00				**$375.00**
PW Garage	4,500	$0.30	$1,350.00	500	$1.00	$500.00	**$1,850.00**
							$17,779.20

Year 5 Striping and Sealcoating Contractor Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Riverfront Building	1,500	$0.90	$1,350.00	760	$5.00	$3,800.00	**$5,150.00**
Riverfront East Parking	4,100	$0.90	$3,690.00	1,600	$5.00	$8,000.00	**$11,690.00**
Rivers Edge Lift Station	50	$0.90	$45.00				**$45.00**
Raintree Lift Station	50	$0.90	$45.00				**$45.00**
Prestwick Lift Station	700	$0.90	$630.00				**$630.00**
Beaver St. Booster Station	300	$0.90	$270.00				**$270.00**
Well 7 Treatment Facility	2,200	$0.90	$1,980.00				**$1,980.00**
Raintree Booster Station	100	$0.90	$90.00				**$90.00**
Rt. 71	10,400	$0.90	$9,360.00				**$9,360.00**
Raintree Village Trail	7,400	$0.90	$6,660.00				**$6,660.00**
Windett Ridge	3,300	$0.90	$2,970.00				**$2,970.00**
River's Edge	1,600	$0.90	$1,440.00				**$1,440.00**
Rt. 126	1,200	$0.90	$1,080.00				**$1,080.00**
Sunflower	383	$0.90	$344.70				**$344.70**
Riverfront Path	19	$0.90	$17.10				**$17.10**
Riverfront Path 1	33	$0.90	$29.70				**$29.70**
Riverfront Path 2	127	$0.90	$114.30				**$114.30**
Riverfront Path 3	263	$0.90	$236.70				**$236.70**
Kiwanis Country Hills	371	$0.90	$333.90				**$333.90**
Crawford River's Edge	1440	$0.90	$1,296.00				**$1,296.00**
Rec. Offices	1,900	$0.90	$1,710.00	500	$5.00	$2,500.00	**$4,210.00**
							$47,992.40
					Total Cycle Cost		**$268,806.90**

Year 5 Striping and Sealcoating City Costs

Location	Area (sy)	Seal Cost Per Square Yard	Sealcost Cost	Striping/ linear ft	Stripe Cost Per Linear Ft.	Striping Cost	**Total Cost**
Riverfront Building	1,500	$0.30	$450.00	760	$1.00	$760.00	**$1,210.00**
Riverfront East Parking	4,100	$0.30	$1,230.00	1,600	$1.00	$1,600.00	**$2,830.00**
Rivers Edge Lift Station	50	$0.30	$15.00				**$15.00**
Raintree Lift Station	50	$0.30	$15.00				**$15.00**
Prestwick Lift Station	700	$0.30	$210.00				**$210.00**
Beaver St. Booster Station	300	$0.30	$90.00				**$90.00**
Well 7 Treatment Facility	2,200	$0.30	$660.00				**$660.00**
Raintree Booster Station	100	$0.30	$30.00				**$30.00**
Rt. 71	10,400	$0.30	$3,120.00				**$3,120.00**
Raintree Village Trail	7,400	$0.30	$2,220.00				**$2,220.00**
Windett Ridge	3,300	$0.30	$990.00				**$990.00**
River's Edge	1,600	$0.30	$480.00				**$480.00**
Rt. 126	1,200	$0.30	$360.00				**$360.00**
Sunflower	383	$0.30	$114.90				**$114.90**
Riverfront Path	19	$0.30	$5.70				**$5.70**
Riverfront Path 1	33	$0.30	$9.90				**$9.90**
Riverfront Path 2	127	$0.30	$38.10				**$38.10**
Riverfront Path 3	263	$0.30	$78.90				**$78.90**
Kiwanis Country Hills	371	$0.30	$111.30				**$111.30**
Crawford River's Edge	1440	$0.30	$432.00				**$432.00**
Rec. Offices	1,900	$0.30	$570.00	500	$1.00	$500.00	**$1,070.00**
							$14,090.80

Cycle Cost	**$77,322**
Seal Coat Machine	**$55,000**
Striping Machine	**$9,000**
Total Cycle Cost	**$141,322**

City Labor Cost
Based on 80 hours per year

Year 1	Labor Rate	Hours	Cost	
Operator	$30.00	80	$2,400.00	
Seasonal help	$12.00	80	$960.00	$3,360.00
Year 2	Labor Rate	Hours	Cost	
Operator	$30.90	80	$2,472.00	
Seasonal help	$12.36	80	$988.80	$3,460.80
Year 3	Labor Rate	Hours	Cost	
Operator	$31.83	80	$2,546.16	
Seasonal help	$12.73	80	$1,018.46	$3,564.62
Year 4	Labor Rate	Hours	Cost	
Operator	$32.78	80	$2,622.54	
Seasonal help	$13.11	80	$1,049.02	$3,671.56
Year 5	Labor Rate	Hours	Cost	
Operator	$33.77	80	$2,701.22	
Seasonal help	$13.51	80	$1,080.49	$3,781.71

Cost Difference Analysis

Year 1 Contractor Cost	$57,522.30	
Year 1 City Cost	$16,214.10	
Purchase Sealcoating Machine	$55,000.00	($26,051.80)
Purchase Striping Machine	$9,000.00	
Year 1 Total City Cost	$80,214.10	
City Labor Cost	$3,360.00	
Year 2 Contractor Cost	$53,069.50	$35,172.20
Year 2 City Cost	$14,436.50	
City Labor Cost	$3,460.80	
Year 3 Contractor Cost	$56,235.10	$37,868.78
Year 3 City Cost	$14,801.70	
City Labor Cost	$3,564.62	
Year 4 Contractor Cost	$53,987.60	$32,536.84
Year 4 City Cost	$17,779.20	
City Labor Cost	$3,671.56	
Year 5 Contractor Cost	$47,992.40	$30,119.89
Year 5 City Cost	$14,090.80	
City Labor Cost	$3,781.71	**$109,645.90**

	SY	Repl. Value
Total trail area	145,387	$1,744,644
Total parking lot area	50,954	$1,273,850
		$3,018,494

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	■
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Public Safety Committee #1

Tracking Number

PS 2021-09

Agenda Item Summary Memo

Title: Liquor Code Amendment – New License Class – Movie Theater

Meeting and Date: City Council – March 23, 2021

Synopsis: Proposed amendment to the liquor code adding a movie theater license class.

Council Action Previously Taken:

Date of Action: PS 03-04-21 Action Taken: Moved forward to City Council agenda.

Item Number: PS 2021-09

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Lisa Pickering (Name) Administration (Department)

Agenda Item Notes:

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Memorandum

To: Public Safety Committee
From: Lisa Pickering, City Clerk
CC: Bart Olson, City Administrator
James Jensen, Chief of Police
Date: February 16, 2021
Subject: Liquor Code Amendment – Movie Theater License

Summary

Proposed amendment to the liquor code creating a new license class for movie theaters.

Background

Staff has received a request from NCG theater to allow the sale of alcoholic beverages to movie theater patrons. To accommodate this request, staff is proposing to add a new liquor license class allowing movie theaters to sell and serve alcoholic beverages.

Proposed Amendments to code

3-3-4(A)(4) Classes of Licenses:

K – Movie Theater. Authorizes the licensee to sell beer, wine, and liquor for consumption only on the licensed premises operating as a movie theater, consisting of a single or multi-screen operation in conjunction with the purveying of food for consumption on the premises, and further provided that the sale of food and alcoholic beverages shall be an accessory to the operation of the premises as a movie theater.

a. All alcoholic beverages shall be poured from their original containers into a clear plastic container before serving to patrons. No glass containers or cans shall be served to patrons.
b. No more than one (1) alcoholic beverage may be delivered or served to a customer at any one time.
c. No happy hour practices shall be allowed on the licensed premises.
d. All alcohol purchasing and consumption laws apply including the carding of patrons.
e. There shall be no service to intoxicated patrons.
f. Outside alcoholic beverages are not permitted. Alcoholic beverage service shall be provided to movie theater patrons only.

3-3-5(B)(4) License Fees

K – Movie Theater - $850.00

Recommendation

Staff recommends approval of the attached ordinance.

Ordinance No. 2021-_____

AN ORDINANCE OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AMENDING TITLE 3, CHAPTER 3 OF THE CODE OF ORDINANCES CREATING A NEW LIQUOR LICENSE CLASS AND FEE

WHEREAS, the United City of Yorkville, Kendall County, Illinois (the "*City*") is a duly organized and validly existing non-home rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, pursuant to section 5/4-1 of the Liquor Control Act of 1934, as amended, (235 ILCS 5/1-1 et seq.) the Mayor and City Council have the power to determine the number, kind and classification of liquor licenses and the regulations for the sale of alcoholic beverages; and in addition pursuant to its powers to protect the public's health, welfare and safety this Ordinance is hereby adopted.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1. That Title 3, Chapter 3, Section 4, Subsection (A)(4) of the Code of Ordinances of the City, as amended, be and is hereby amended by adding the following new classification for a liquor license:

"K – Movie Theater. Authorizes the licensee to sell beer, wine, and liquor for consumption only on the licensed premises operating as a movie theater, consisting of a single or multi-screen operation in conjunction with the purveying of food for consumption on the premises, and further provided that the sale of food and alcoholic beverages shall be an accessory to the operation of the premises as a movie theater.

a. All alcoholic beverages shall be poured from their original containers into a clear plastic container before serving to patrons. No glass containers or cans shall be served to patrons.
b. No more than one (1) alcoholic beverage may be delivered or served to a customer at any one time.
c. No happy hour practices shall be allowed on the licensed premises.

d. All alcohol purchasing and consumption laws apply including the carding of patrons.
e. There shall be no service to intoxicated patrons.
f. Outside alcoholic beverages are not permitted. Alcoholic beverage service shall be provided to movie theater patrons only".

Section 2. That Title 3, Chapter 3, Section 5, Subsection (B)(4) of the Code of Ordinances of the City, as amended, be and is hereby amended by adding the following:

K – Movie Theater …… $850.00

Section 3. This Ordinance shall be in full force and effect upon its passage, approval, and publication as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois, this ____ day of _____, A.D. 2021.

_____
CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____
MAYOR

Attest:

_____
CITY CLERK

Reviewed By:	
Legal	☐
Finance	■
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Administration Committee #1

Tracking Number

ADM 2021-13

Agenda Item Summary Memo

Title: Treasurer's Report for February 2021

Meeting and Date: City Council – March 23, 2021

Synopsis:

Council Action Previously Taken:

Date of Action: ADM 03-17-21 Action Taken: Moved forward to City Council agenda.

Item Number: ADM 2021-13

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Rob Fredrickson (Name) Finance (Department)

Agenda Item Notes:

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UNITED CITY OF YORKVILLE

TREASURER'S REPORT - for the month ending February 28, 2021

Cash Basis

	Beginning Fund Balance	February Revenues	YTD Revenues	Revenue Budget	% of Budget	February Expenses	YTD Expenses	Expense Budget	% of Budget	Projected Ending Fund Balance
General Fund										
01 - General	$ 7,512,060	$ 1,297,867	$ 15,978,692	$ 17,336,736	92%	$ 1,200,548	$ 12,844,346	$ 17,652,382	73%	$ 10,646,406
Special Revenue Funds										
15 - Motor Fuel Tax	695,707	55,111	1,103,108	813,861	136%	33,455	770,938	1,117,462	69%	1,027,877
79 - Parks and Recreation	411,485	175,008	1,446,617	2,247,300	64%	144,551	1,500,858	2,616,762	57%	357,244
72 - Land Cash	247,841	568	15,725	33,858	46%	1,606	225,873	240,287	94%	37,693
87 - Countryside TIF	(1,141,784)	-	151,422	153,965	98%	956	218,838	222,486	98%	(1,209,200)
88 - Downtown TIF	(1,237,549)	-	70,677	76,000	93%	3,465	275,228	306,052	90%	(1,442,100)
89 - Downtown TIF II	(73,799)	-	47,342	25,000	0%	(761)	21,192	44,500	48%	(47,649)
11 - Fox Hill SSA	13,492	-	16,034	16,034	100%	-	18,198	37,326	49%	11,328
12 - Sunflower SSA	(16,200)	-	20,363	20,363	100%	-	9,182	20,326	45%	(5,019)
Debt Service Fund										
42 - Debt Service	-	26,994	273,882	323,225	85%	-	323,225	323,225	100%	(49,344)
Capital Project Funds										
25 - Vehicle & Equipment	511,692	39,399	428,239	553,323	77%	26,399	482,905	756,294	64%	457,025
23 - City-Wide Capital	588,155	260,135	1,528,963	1,381,670	111%	58,602	2,838,941	3,669,147	77%	(721,822)
Enterprise Funds										
* 51 - Water	3,268,245	777,865	4,533,452	4,652,087	97%	231,051	4,035,245	5,828,132	69%	3,766,452
* 52 - Sewer	1,222,388	270,578	1,593,164	1,817,867	88%	63,203	2,094,139	2,286,552	92%	721,413
Library Funds										
82 - Library Operations	578,607	3,640	1,621,978	1,647,343	98%	63,184	1,464,549	1,664,378	88%	736,036
84 - Library Capital	123,583	6,762	87,879	50,500	174%	10,718	43,942	75,500	58%	167,521
Total Funds	**$ 12,703,923**	**$ 2,913,928**	**$ 28,917,537**	**$ 31,149,132**	**93%**	**$ 1,836,977**	**$ 27,167,598**	**$ 36,860,811**	**74%**	**$ 14,453,862**

* Fund Balance Equivalency

As Treasurer of the United City of Yorkville, I hereby attest, to the best of my knowledge, that the information contained in this Treasurer's Report is accurate as of the date detailed herein. Further information is available in the Finance Department.

Rob Fredrickson, Finance Director/Treasurer

Reviewed By:	
Legal	☐
Finance	■
Engineer	☐
City Administrator	■
Human Resources	■
Community Development	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Administration Committee #2

Tracking Number

ADM 2021-16

Agenda Item Summary Memo

Title: Fiscal Year 2022 Insurance Renewals

Meeting and Date: City Council – March 23, 2021

Synopsis: Please see attached

Council Action Previously Taken:

Date of Action: ADM 03-17-21 Action Taken: Moved forward to City Council agenda.

Item Number: ADM 2021-16

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Rob Fredrickson (Name) Finance (Department)

Agenda Item Notes:

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Memorandum

To: Administration Committee
From: Rob Fredrickson, Finance Director
Date: March 10, 2021
Subject: Fiscal Year 2022 Insurance Renewals

Summary

Review of options related to Fiscal Year 2022 health, dental and vision insurance renewals.

Background

For the upcoming fiscal year, initial quotes from Blue Cross Blue Shield (BCBS) came in at a 1.06% ($14,103) increase. After further negotiations, the City's health insurance broker (Alliant Insurance Services) was able to negotiate an overall reduction of 4.66%, without any changes to benefits. This reduction would result in estimated savings of $62,144, in comparison to FY 21 premiums. This was similar to last year, where the initial quote from BCBS came in at an increase of 5.98%, which was later negotiated downward by Alliant for an overall decrease of 6.28% (~$100,000). For comparative purposes, the quote from United Health Care (UHC) has also been included on page 7 of Alliant's Benefits Renewal Analysis (Exhibit A), although it only yields about a third of the savings offered by BCBS. Alliant also elicited quotes from Cigna and Aetna, who either declined or were not competitive. Employee contributions, for both union and non-union employees, are shown on Exhibit B at the current contribution rates of 10.5% and 12.5%, respectively, depending on coverage.

On the dental side, the quotes from MetLife (current provider) and BCBS are presented on page 8. Alliant did seek quotes from seven additional carriers, who either declined or were not competitive. Although BCBS rates are higher than MetLife's (whose rates remain unchanged from the current fiscal year), BCBS does offer an additional 1% reduction on health insurance rates, should they be chosen as the City's dental carrier. This additional 1% reduction in health insurance rates would yield and estimated savings of ~$12,700, which would more than offset the increase in dental premiums of $5,200. In addition, BCBS has a higher individual calendar maximum ($3,000 v. MetLife's $2,000) and has more local "in-network" providers.

Rates for the City's current vision insurance provider, Dearborn National (BCBS), remain unchanged from the current year. Cigna and MetLife have offered competitive quotes, which yield nominal savings with reduced benefits.

Life insurance rates with Lincoln Financial are frozen through the end of FY 22, although premium and benefit amounts are included in the analysis for informational purposes.

Recommendation

Staff recommends retaining BCBS as the City health insurance carrier, since they are the low-cost provider and are not proposing any changes to the existing plan. Additionally, staff recommends non-union employee contributions remain at 10.5% (HMO) and 12.5% (PPO), respectively, for the upcoming fiscal year (union employee contribution rates are set by contract).

For dental insurance, staff recommends switching carriers from MetLife to BCBS, as the 1% reduction in health insurance premiums will more than offset the increase in dental insurance premiums by approximately $7,500.

Regarding the City's vision plan, staff proposes to remain with Dearborn National (BCBS) per the recommendation of Alliant, as the network disruption for employees outweighs the nominal savings proposed by the two alternative carriers.

Exhibit A

United City of Yorkville

Employee Benefits Program Renewal Analysis

Medical, Dental, Vision, Basic Life/AD&D, Voluntary Life/AD&D

May 1, 2021 Renewal Date

May 1, 2021

Presented by:

Jim Nesci
Senior Vice President

Marie Murrell
Account Executive

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Summary of Current Coverages

The coverages renewing on May 1, 2021 are checked.

	Coverage	Carrier	Policy Number(s)	Renewal Date
✓	Medical	Blue Cross Blue Shield of Illinois	092465	5/1/2021
✓	Dental	MetLife	05972150	5/1/2021
✓	Vision	Blue Cross Blue Shield of Illinois	F015083	5/1/2021
	Basic Life/AD&D	Lincoln Financial	10241765	5/1/2022
	Voluntary Life/AD&D	Lincoln Financial	400001000-23931	5/1/2022

Markets Approached

MEDICAL

Current Carrier	Status	Disposition
Blue Cross Blue Shield of Illinois	Renewal Received	Initial Increase: 1.06% Negotiated Increase: -4.66% (Rate Decrease)
Alternate Carriers		
Aetna	Declined to Quote	Not Competitive
Cigna	Received Quote	Not Competitive
UHC	Received Quote	Presented

Markets Approached (Cont.)

DENTAL

Current Carrier	Status	Disposition
MetLife	Renewal Received	Initial Increase: 0% (Rate Pass)

Alternate Carriers		
BCBSIL	Received Quote	Presented
Cigna	Received Quote	Not Competitive
Guardian	Received Quote	Not Competitive
Lincoln Financial	Declined to Quote	Not Competitive
Principal	Declined to Quote	Not Competitive
Sourcewell - SunLife	Received Quote	Not Competitive
Standard	Received Quote	Not Competitive
United Healthcare	Received Quote	Not Competitive

Markets Approached (Cont.)

VISION

Current Carrier	Status	Disposition
BCBSIL	Renewal Received	Initial Increase: 0% (Rate Pass)

Alternate Carriers		
Cigna	Received Quote	Not Competitive
Guardian	Received Quote	Not Competitive
Lincoln Financial	Declined to Quote	Not Competitive
MetLife	Received Quote	Presented
Principal	Declined to Quote	Not Competitive
Sourcewell - SunLife	Received Quote	Not Competitive
Standard	Received Quote	Not Competitive
United Healthcare	Received Quote	Not Competitive

Markets Approached (Cont.)

BASIC LIFE/AD&D & VOL LIFE/AD&D

Current Carrier	Status	Disposition
Lincoln Financial	In Rate Guarantee until 5/1/2022 Renewal	No Change

Alternate Carriers		
BCBSIL	Received Quote	Not Competitive
Cigna	Declined to Quote	Not Competitive
Guardian	Received Quote	Not Competitive
MetLife	Received Quote	Not Competitive
Principal	Declined to Quote	Not Competitive
Sourcewell - SunLife	Received Quote	Not Competitive
Standard	Received Quote	Not Competitive
United Healthcare	Received Quote	Not Competitive

Listed below are the net claims in the current benefit period along with the subscriber's membership status:
$132,556.48 in the current benefit period with an additional $73,972.75 ongoing. – (We believe this individual is no longer enrolled in Yorkville's benefits. We have communicated this to BCBSIL.)
$114,752.39 - Active
$79,649.61 in the current benefit period with an additional $10,764.34 ongoing. - Active
$58,570.34 in the current benefit period with an additional $16,540.56 ongoing. - Active
$43,497.73 in the current benefit period with an additional $11,117.75 ongoing. - Active
$42,580.79 - Active
$30,728.25 - Cancelled
$29,838.78 - Active
$29,170.41 - Active
$28,863.78 - Active
$26,490.23 - Active
$26,179.95 in the current benefit period with an additional $16,084.72 ongoing. - Active
$11,322.20 in the current benefit period with an additional $22,673.13 ongoing. - Active
$2,905.66 in the current benefit period with an additional $21,467.15 ongong. - Active

United City of Yorkville
Renewal Medical Financial Analysis
May 1, 2021 Renewal Date

Benefits	BCBSIL	United Healthcare*
	Current and Renewal	Alternate 1
HMO Plan	**MHHB106 Blue Advantage HMO**	**Navigate HMO BFC4**
Network	*Blue Advantage Network*	*Navigate HMO Network*
Coinsurance Percentage	100%	100%
Employee Deductible	$0	$0
Family Deductible	$0	$0
Total Employee Maximum Out of Pocket (Includes Deductible)	$1,500	$1,500
Total Family Maximum Out of Pocket (Includes Deductible)	$3,000	$3,000
Network Office Visit (PCP/Specialist)	$20/$40 Copay	$20/$40 Copay
Emergency Room	$150 ER Copay	**$300 ER Copay**
Urgent Care	No Charge	**$75 Copay**
Outpatient Surgery (Physician Office/Hospital)	No Charge	No Charge
Inpatient Hospital	No Charge	No Charge
Rx Out of Pocket Maximum	Individual: $1,000 Family: $3,000	Included in Out of Pocket Maximum Above
Retail Rx Copays (Generic/Brand Formulary/Brand Non-Formulary)	$10/$40/$60	$10/**$35**/$60
Mail Order Rx Copays (Generic/Brand Formulary/Brand Non-Formulary)	2x Retail	**2.5x Retail**
PPO Plan	**MPSE3X05 Blue Edge HSA (PPO)**	**Core H.S.A. BDP7**
Network	*PPO Network*	*Core Network*
Coinsurance Percentage	80%	**100%**
Employee Deductible	$3,500	**$2,000**
Family Deductible (Non-Embedded)	$6,850	**$4,000**
Total Employee Maximum Out of Pocket (Includes Deductible)	$5,800	**$3,000**
Total Family Maximum Out of Pocket (Includes Deductible)	$6,850	**$6,000**
Network Office Visit (PCP/Specialist)	80% after Deductible	**100% after Deductible**
Emergency Room	90% after Deductible	**100% after Deductible**
Urgent Care	80% after Deductible	**100% after Deductible**
Outpatient Surgery (Physician Office/Hospital)	80% after Deductible	**100% after Deductible**
Inpatient Hospital	80% after Deductible	**100% after Deductible**
Rx Out of Pocket Maximum	Included in overall Out of Pocket Maximum Above	Included in overall Out of Pocket Maximum Above
Retail Rx Copays (Generic/Brand Formulary/Brand Non-Formulary)	80% after Deductible	**$10/$35/$60**
Mail Order Rx Copays (Generic/Brand Formulary/Brand Non-Formulary)	80% after Deductible	**2.5x Retail**
Out-of-Network Benefits (Providers may Balance Bill)		
Coinsurance Percentage	*60%*	***80%***
Deductible (Individual/Family)	*$7,000/$14,000*	***$5,000/$10,000***
Out-of-Pocket Maximum (Individual/Family)	*$11,600/$23,200*	***$10,000/$20,000***

Rates	Count*	Current	Renewal	Revised Renewal	Alternate 1
HMO Monthly Rates, Active Employees		**MHHB106 Blue Advantage HMO**			**Navigate HMO BFC4**
Employee	8	$627.82	$625.73	$590.31	$711.42
Employee & Spouse	4	$1,348.02	$1,366.48	$1,289.14	$1,493.98
Employee & Child(ren)	0	$1,396.03	$1,404.04	$1,324.57	$1,223.64
Family	10	$2,116.24	$2,144.81	$2,023.40	$2,148.49
Est. Monthly HMO Medical Premium		**$31,577.04**	**$31,919.86**	**$30,113.04**	**$33,152.18**
Est. Annual HMO Medical Premium	**22**	**$378,924.48**	**$383,038.32**	**$361,356.48**	**$397,826.16**
PPO Monthly Rates, Active Employees		**MPSE3X05 Blue Edge HSA (PPO)**			**Core H.S.A. BDP7**
Employee	13	$599.87	$597.38	$563.57	$634.77
Employee & Spouse	6	$1,288.04	$1,304.54	$1,230.70	$1,333.02
Employee & Child(ren)	4	$1,333.90	$1,340.41	$1,264.54	$1,091.80
Family	29	$2,022.07	$2,047.58	$1,931.68	$1,917.01
Est. Monthly PPO Medical Premium		**$79,502.18**	**$80,334.64**	**$75,787.49**	**$76,210.62**
Est. Annual PPO Medical Premium	**52**	**$954,026.16**	**$964,015.68**	**$909,449.88**	**$914,527.44**
Est. Combined Monthly Medical Premium		**$111,079.22**	**$112,254.50**	**$105,900.53**	**$109,362.80**
Est. Combined Annual Medical Premium	**74**	**$1,332,950.64**	**$1,347,054.00**	**$1,270,806.36**	**$1,312,353.60**
Est. Annual Gross Premium Increase Over the Current Policy Year ($)			**$14,103.36**	**-$62,144.28**	**-$20,597.04**
Est. Annual Gross Premium Increase Over the Current Policy Year (%)			**1.06%**	**-4.66%**	**-1.55%**

Alliant Negotiated Savings **$62,144.28**

This benefit summary is provided for your use in comparing the major provisions of the medical plan. This is only a brief description of the benefits. Please refer to the plan document and contract when issued, for additional details, coverage exclusions and coverage limitations. At all times, the plan documents and contract take precedence over this summary.

*Enrollment based on 2021 City of Yorkville Census

Board members working less than 30 hours a week are not eligible.

BCBSIL: Additional 1% off medical rates this renewal and every renewal thereafter if bundled with BCBSIL Dental

*BCBSIL: Bundled Medical rates are estimations and may deviate slightly at renewal

*UHC rates are underwritten

United City of Yorkville
Dental Benefit Analysis
May 1, 2021 Renewal Date

Benefits		MetLife		BCBSIL	
		Current and Renewal		Alternate 1 - DINHR33	
Network		Network	Non-Network	Network	Non-Network
Deductible (single / family)		$50 / $150		$50 / $150	
Calender Year Maximum per Individual		$2,000		$3,000	
Orthodontia Lifetime Maximum		$2,000		$2,000	
Usual and Customary		90% Percentile		90% Percentile	
Preventive Care		*Deductible waived*	*Deductible Waived*	*Deductible waived*	*Deductible Waived*
Oral Exams		100%	100%	100%	100%
Prophylaxis		100%	100%	100%	100%
Flouride Treatment		100%	100%	100%	100%
Sealants		100%	100%	100%	100%
Space Maintainers		100%	100%	100%	100%
X-Rays		100%	100%	100%	100%
Basic Services					
Oral Surgery		80%	80%	80%	80%
Anesthesia		80%	80%	80%	80%
Amalgams / Composite Fillings		80%	80%	80%	80%
Periodontics Non-surgical		80%	80%	80%	80%
Periodontics (Surgical)		80%	80%	80%	80%
Endodontics		80%	80%	80%	80%
Major Services					
Crowns		50%	50%	50%	50%
Bridges		50%	50%	50%	50%
Dentures		50%	50%	50%	50%
Inlays/Onlays		50%	50%	50%	50%
Implants		50%	50%	50%	50%
Orthodontia		50%	50%	50%	50%
Adult Ortho Covered		Yes	Yes	Yes*	Yes
Monthly Rates					
Employee	20	$35.21		$37.02	
Employee & Spouse	15	$71.58		$74.04	
Employee & Child(ren)	3	$81.28		$86.73	
Family	47	$127.89		$135.16	
Total Monthly Premium		$8,033		$8,464	
Total Annual Premium	**85**	$96,390.84		$101,564.52	
Est. Annual Gross Premium Increase Over the Current Policy Year ($)				**$5,174**	
Est. Annual Gross Premium Increase Over the Current Policy Year (%)				**5.37%**	
Rate Guarantee				1 Year	

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*Enrollment based on 2021 City of Yorkville Census

Board members working less than 30 hours a week are not eligible with BCBSIL, UHC

MetLife, Cigna, Standard, Guardian will cover Board Members working less than 30 hours a week

BCBSIL Dental: Ortho covers dependent children to age 19. Adult ortho covers EE and Spouse

United City of Yorkville
Vision Benefit Analysis
May 1, 2021 Renewal Date

Benefits		Dearborn National/BCBSIL		Cigna		MetLife	
		Current and Renewal		Alternate 1		Alternate 2	
Network		Network	Non-Network	Network	Non-Network	Network	Non-Network
Vision Exam		$10 Copay	$30 Allowance	$10 Copay	**N/A**	$10 Copay	**$45 Allowance**
Contact Lens Fit & Follow Up		$0 Copay, Covered in Full	$40 Allowance	**Covered in Full after Copay**	**$45 Allowance**	**Up to $60 Copay**	Included in Lens Allowance
Materials		$10 Copay	N/A	**$15 Copay**	N/A	**$20 Copay**	N/A
Eyeglass Lenses		*(After Copay)*		*(After Copay)*		*(After Copay)*	
Single Vision		Covered in Full	$25 Allowance	Covered in Full	**$32 Allowance**	Covered in Full	**$30 Allowance**
Bifocal		Covered in Full	$40 Allowance	Covered in Full	**$55 Allowance**	Covered in Full	**$50 Allowance**
Trifocal		Covered in Full	$55 Allowance	Covered in Full	**$65 Allowance**	Covered in Full	**$60 Allowance**
Lenticular		Covered in Full	$55 Allowance	Covered in Full	**$80 Allowance**	Covered in Full	**$100 Allowance**
Eyeglass Lens Options							
UV Treatment		$15 Copay	N/A			**Covered in Full**	Applied to Lens Allowance
Tint (Solid and Gradient)		$15 Copay	N/A			**$0**-**$17** Copay	Applied to Lens Allowance
Standard Plastic Scratch Coating		Covered in Full	$5 Allowance			**$17-$33 Copay**	Applied to Lens Allowance
Standard Polycarbonate		$40 Copay	N/A	**Please see Schedule of Benefits**		**Child: Covered in Full** **Adult: $31-$35 Copay**	Applied to Lens Allowance
Standard Anti-Reflective Coating		$45 Copay	N/A			**$41**-**$85** Copay	Applied to Lens Allowance
Photochromic - Non-Glass		$75 Copay	N/A			**$47**-**$82** Copay	Applied to Lens Allowance
Frames							
Standard		$0 Copay, $130 Allowance	$65 Allowance	$130 Allowance	**$71 Allowance**	**$70**-**$150** Allowance	**$70 Allowance**
Contact Lenses							
Necessary		Covered in Full after Copay	$210 Allowance	Covered in Full after Copay	$210 Allowance	Covered in Full after Copay	$210 Allowance
Elective		$0 Copay, $130 Allowance	$104 Allowance	$0 Copay, $130 Allowance	**$105 Allowance**	$0 Copay, $130 Allowance	**$105 Allowance**
Laser Discount Savings		15% off retail or 5% off promotional rates	N/A	Discounts Available	N/A	15% off retail or 5% off promotional rates	N/A
Maximums							
Exams		Once Every 12 Months		Once Every 12 Months		Once Every 12 Months	
Lenses / Contact Lenses		Once Every 12 Months		Once Every 12 Months		Once Every 12 Months	
Frames		Once Every 24 Months		Once Every 24 Months		Once Every 24 Months	
Monthly Rates							
Employee	20	$6.68		$5.74		$6.01	
Employee & Spouse	15	$12.69		$10.91		$11.42	
Employee & Child(ren)	3	$13.37		$11.50		$12.03	
Family	47	$19.65		$16.90		$17.68	
Total Monthly Premium		$1,288		$1,107		$1,159	
Total Annual Premium	**85**	$15,451.32		$13,287.00		$13,902.60	
				-$2,164		**-$1,549**	
				-14.01%		**-10.02%**	
Rate Guarantee:		Through 5/1/2022		2 Years		2 Years	

This benefit summary is provided for your use in comparing the major provisions of the medical plan. This is only a brief description of the benefits. Please refer to the plan document and contract when issued, for additional details, coverage exclusions and coverage limitations. At all times, the plan documents and contract take precedence over this summary.

Enrollment based on 2021 City of Yorkville Census

Board members working less than 30 hours a week are not eligible with BCBSIL, UHC

United City of Yorkville
Basic Life/AD&D Benefit Analysis
May 1, 2020 Effective Date

Benefits	Lincoln Financial
	Current
Employee Coverage	
Life Benefit Amount	$50,000
AD&D Benefit Amount	$50,000
Guarantee Issue	$50,000
Accelerated Benefit	Included
Premium Waiver	Included
Portability	Included
Reduction Schedule	Reduces to 65% at age 65, 50% at age 70
Spouse Coverage	
Life/AD&D Benefit Amount	$10,000
Reduction Schedule	Reduces to 65% at age 65, 50% at age 70
Child Life Coverage	Birth -14 Days: $0;14 Days to 19/23: $2,500
Premium	
Employee	**Current**
Total Volume Life	$4,250,000
Life Rate per $1,000 of benefit	$0.083
AD&D Rate per $1,000 of benefit	$0.025
Spouse & Child(ren)	
Life and AD&D Rate per $1,000 of Benefit	**$1.43**
Monthly Premium	**$459.00**
Estimated Annual Premium	**$5,508.00**
Rate Guarantee	**2022 Renewal**

This benefit summary is provided for your use in comparing the major provisions of the medical plan. This is only a brief description of the benefits. Please refer to the plan document and contract when issued, for additional details, coverage exclusions and coverage limitations. At all times, the plan documents and contract take precedence over this summary.

Volume based on 2021 City of Yorkville Census

Board members working less than 30 hours a week are not eligible.

United City of Yorkville
Voluntary Life Financial Analysis
May 1, 2020 Effective Date

Benefits	Lincoln Financial
	Current
Employee Coverage	
Benefit Amount	$10,000 Increments
Maximum Benefit	5 x Annual Salary, up to $500,000
Guarantee Issue	$100,000
Reduction Schedule	Reduces to 65% at age 65, 50% at age 70
Portability	Included
Spouse Coverage	
Benefit Amount	$5,000 Increments
Maximum Benefit	$100,000, limited to 50% of employee amount
Guarantee Issue	$25,000
Reduction Schedule	Reduces to 65% at age 65, 50% at age 70
Child Coverage	
Benefit Amount	14 Days to 6 Months: $250; 6 Months to 19/25: $5,000 or $10,000
Guarantee Issue	$10,000
Monthly Premium	**Current**
Employee and Spouse Cost/$1,000	
Age	
<20	$0.108
20-24	$0.108
25-29	$0.108
30-34	$0.108
35-39	$0.192
40-44	$0.288
45-49	$0.480
50-54	$0.768
55-59	$1.248
60-64	$2.052
65-69	$2.964
70-74	$5.172
75-79	$5.172
80-84	$5.172
85+	$5.172
AD&D Cost/$1,000	Employee & Spouse: $0.04
Dependent Child Rate per $5,000 of Benefit	$0.810
Dependent Child Rate per $10,000 of Benefit	$1.61
Rate Guarantee	2022 Renewal

This benefit summary is provided for your use in comparing the major provisions of the medical plan. This is only a brief description of the benefits. Please refer to the plan document and contract when issued, for additional details, coverage exclusions and coverage limitations. At all times, the plan documents and contract take precedence over this summary.

Exhibit B

FY 2021 (Current Fiscal Year Rates)

HMO	HMO Employee Only	HMO Employee + Spouse	HMO Employee + Children	HMO Family
Gross Cost to City, Monthly, Per Employee	**$ 627.82**	**$ 1,348.02**	**$ 1,396.03**	**$ 2,116.24**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	10.5% $ 65.92	10.5% $ 141.54	10.5% $ 146.58	10.5% $ 222.21
PW Union Employee	10.5% $ 65.92	10.5% $ 141.54	10.5% $ 146.58	10.5% $ 222.21
PD Sergeant Union Employee	10.5% $ 65.92	10.5% $ 141.54	10.5% $ 146.58	10.5% $ 222.21
PD Officer Union Employee	10.5% $ 65.92	10.5% $ 141.54	10.5% $ 146.58	10.5% $ 222.21

PPO	PPO Employee Only	PPO Employee + Spouse	PPO Employee + Children	PPO Family
Monthly Premium	$ 599.87	$ 1,288.04	$ 1,333.90	$ 2,022.07
Monthly HRA cost	$ 433.33	$ 479.17	$ 479.17	$ 479.17
Gross Cost to City, Monthly, Per Employee	**$ 1,033.20**	**$ 1,767.21**	**$ 1,813.07**	**$ 2,501.24**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	12.5% $ 129.15	12.5% $ 220.90	12.5% $ 226.63	12.5% $ 312.65
PW Union Employee	12.5% $ 129.15	12.5% $ 220.90	12.5% $ 226.63	12.5% $ 312.65
PD Sergeant Union Employee	12.5% $ 129.15	12.5% $ 220.90	12.5% $ 226.63	12.5% $ 312.65
PD Officer Union Employee	12.5% $ 129.15	12.5% $ 220.90	12.5% $ 226.63	12.5% $ 312.65

FY 2022 (Upcoming Fiscal Year Renewal Rates)

HMO	HMO Employee Only	HMO Employee + Spouse	HMO Employee + Children	HMO Family
Gross Cost to City, Monthly, Per Employee	**$ 590.31**	**$ 1,289.14**	**$ 1,324.57**	**$ 2,023.40**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	10.5% $ 61.98	10.5% $ 135.36	10.5% $ 139.08	10.5% $ 212.46
PW Union Employee	10.5% $ 61.98	10.5% $ 135.36	10.5% $ 139.08	10.5% $ 212.46
PD Sergeant Union Employee	10.5% $ 61.98	10.5% $ 135.36	10.5% $ 139.08	10.5% $ 212.46
PD Officer Union Employee	10.5% $ 61.98	10.5% $ 135.36	10.5% $ 139.08	10.5% $ 212.46

PPO	PPO Employee Only	PPO Employee + Spouse	PPO Employee + Children	PPO Family
Monthly Premium	$ 563.57	$ 1,230.70	$ 1,264.54	$ 1,931.68
Monthly HRA cost	$ 433.33	$ 479.17	$ 479.17	$ 479.17
Gross Cost to City, Monthly, Per Employee	**$ 996.90**	**$ 1,709.87**	**$ 1,743.71**	**$ 2,410.85**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	12.5% $ 124.61	12.5% $ 213.73	12.5% $ 217.96	12.5% $ 301.36
PW Union Employee	12.5% $ 124.61	12.5% $ 213.73	12.5% $ 217.96	12.5% $ 301.36
PD Sergeant Union Employee	12.5% $ 124.61	12.5% $ 213.73	12.5% $ 217.96	12.5% $ 301.36
PD Officer Union Employee	12.5% $ 124.61	12.5% $ 213.73	12.5% $ 217.96	12.5% $ 301.36

FY 2022 (Upcoming Fiscal Year Renewal Rates - includes 1% Reduction for BCBS Dental)

HMO	HMO Employee Only	HMO Employee + Spouse	HMO Employee + Children	HMO Family
Gross Cost to City, Monthly, Per Employee	**$ 584.41**	**$ 1,276.25**	**$ 1,311.32**	**$ 2,003.17**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	10.5% $ 61.36	10.5% $ 134.01	10.5% $ 137.69	10.5% $ 210.33
PW Union Employee	10.5% $ 61.36	10.5% $ 134.01	10.5% $ 137.69	10.5% $ 210.33
PD Sergeant Union Employee	10.5% $ 61.36	10.5% $ 134.01	10.5% $ 137.69	10.5% $ 210.33
PD Officer Union Employee	10.5% $ 61.36	10.5% $ 134.01	10.5% $ 137.69	10.5% $ 210.33

PPO	PPO Employee Only	PPO Employee + Spouse	PPO Employee + Children	PPO Family
Monthly Premium	$ 557.93	$ 1,218.39	$ 1,251.89	$ 1,912.36
Monthly HRA cost	$ 433.33	$ 479.17	$ 479.17	$ 479.17
Gross Cost to City, Monthly, Per Employee	**$ 991.27**	**$ 1,697.56**	**$ 1,731.06**	**$ 2,391.53**
Employee Contribution, Monthly, Per Employee				
Non-Union Employee	12.5% $ 123.91	12.5% $ 212.19	12.5% $ 216.38	12.5% $ 298.94
PW Union Employee	12.5% $ 123.91	12.5% $ 212.19	12.5% $ 216.38	12.5% $ 298.94
PD Sergeant Union Employee	12.5% $ 123.91	12.5% $ 212.19	12.5% $ 216.38	12.5% $ 298.94
PD Officer Union Employee	12.5% $ 123.91	12.5% $ 212.19	12.5% $ 216.38	12.5% $ 298.94

Reviewed By:	
Legal	☐
Finance	■
Engineer	☐
City Administrator	■
Human Resources	☐
Community Development	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Administration Committee #3

Tracking Number

ADM 2021-17

Agenda Item Summary Memo

Title: Water, Sewer & Road Infrastructure Fee Renewal

Meeting and Date: City Council – March 23, 2021

Synopsis: See attached memo and ordinances.

Council Action Previously Taken:

Date of Action: ADM 03-17-21 Action Taken: Moved forward to City Council agenda.

Item Number: ADM 2021-17

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Rob Fredrickson (Name) Finance (Department)

Agenda Item Notes:

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: Administration Committee
From: Rob Fredrickson, Finance Director
Date: March 9, 2021
Subject: Water, Sewer & Road Infrastructure Fees

Summary

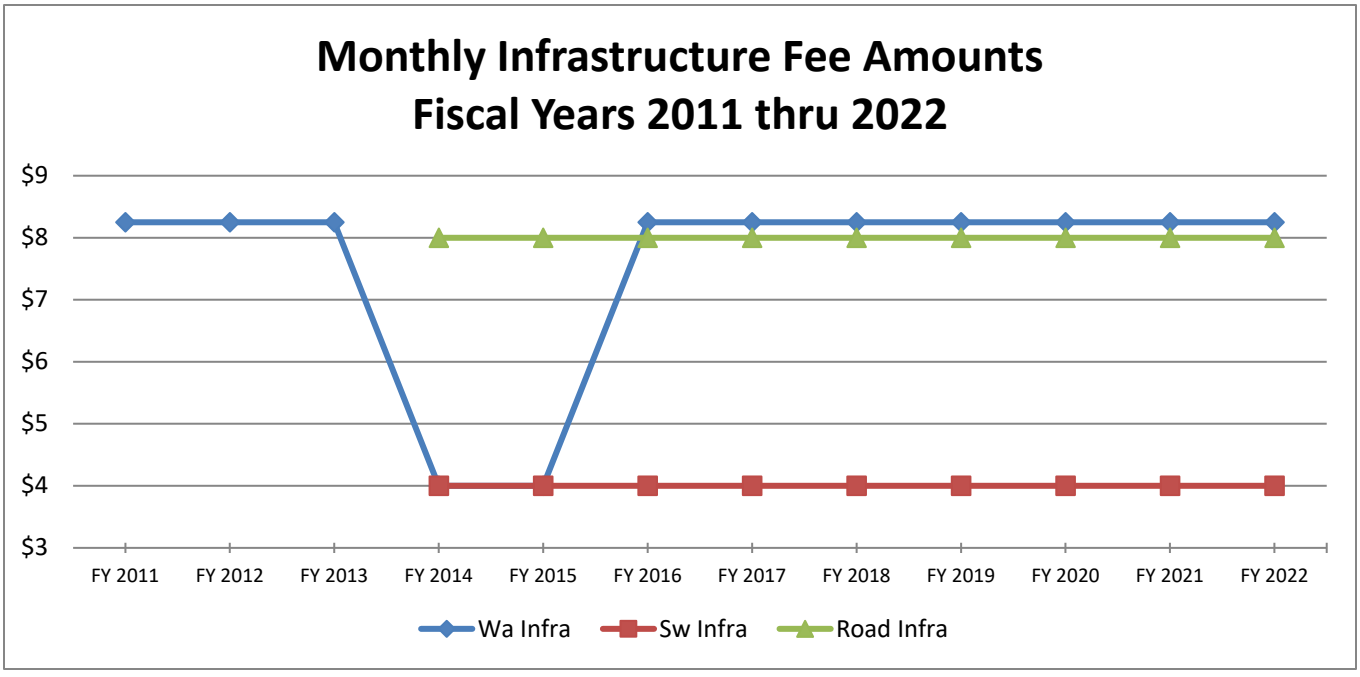
The attached ordinances re-establish the following fees: the water infrastructure fee at $8.25 per month; the sewer infrastructure fee at $4 per month; and the road infrastructure fee at $8 per month. All of these fees have a sunset clause of April 30, 2022 and will show up on the utility bill sent out to residents at the end of June 2021.

Background

The attached ordinances carry out the anticipated policy decisions of the City Council, assuming that the fiscal year 2022 budget passes without amendments to the water, sewer and road infrastructure fees.

As shown in the graph below, the water infrastructure fee has been in place for eleven years. In fiscal years 2011 thru 2013 the fee was $8.25 per month, per user. In fiscal years 2014 and 2015, the water infrastructure fee was reduced to $4 per month. For fiscal year 2022 it is the recommendation of staff that the water infrastructure fee remain at $8.25 per month, as it has been since May 1, 2015 (FY 2016). The sewer infrastructure fee has been in place for eight years and would remain at $4 per month for the upcoming fiscal year.

The road infrastructure fee (i.e. vehicle tax) was first implemented in fiscal year 2014, as a funding mechanism for the City's Road to Better Roads program and other roadway projects. For fiscal year 2022 the fee, as currently proposed, would remain at $8 per month, per user. Residents with no motor vehicle housed or registered at their address would be able to exempt themselves from the fee, by filing an exemption affidavit with the City.



The fiscal year 2021 water, sewer and road infrastructure fees were approved with a sunset clause of April 30, 2021. Thus, any fiscal year 2022 infrastructure fees must be re-established by ordinance. As mentioned above, these re-established fees would sunset on April 30, 2022.

Recommendation

Staff recommends approval of the ordinances as attached.

Ordinance No. 2021-_____

AN ORDINANCE OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AMENDING THE INFRASTRUCTURE MAINTENANCE FEE FOR WATER AND SANITARY SEWER SERVICE

WHEREAS, the United City of Yorkville (the "*City*") is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, the City pursuant to Sections 11-117-12 and 11-129-6 of the Illinois Municipal Code (65 ILCS 5/11-117-12 and 5/11-129-6) has the authority to charge reasonable rates for water and sanitary sewer service that are sufficient to meet operation and maintenance costs, to provide a depreciation fund and to meet principal and interest payments of any utility bonds; and,

WHEREAS, Mayor and City Council have determined that the fees established by this ordinance are reasonable to pay for the cost of such services.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1: That Title 7, Chapter 5, Section 5-1(A)(1) of the United City of Yorkville Code of Ordinances is hereby amended to read as follows:

"(1) Each utility customer shall be charged a water infrastructure improvement and maintenance fee of eight dollars and twenty-five cents ($8.25) per month through April 30, 2022. This fee shall be billed as part of the City's utility billing system pursuant to this Title."

Section 2: That Title 7, Chapter 6, of the United City of Yorkville Code of Ordinances is hereby amended by adding Section 4-2 to read as follows:

"4-2: Each utility customer using the public sanitary sewer system shall be charged a monthly infrastructure improvement and maintenance fee for the sanitary sewer system of four dollars ($4.00) per month through April 30, 2022. This fee shall be billed as part of the City's utility billing system pursuant to this Title."

Section 3: This Ordinance shall be in full force and effect on upon its passage, approval, and publication as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this _____ day of _____, 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

Approved by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this _____ day of _____ 2021.

_____

MAYOR

ORDINANCE NO. 2021-_____

AN ORDINANCE AMENDING THE TERMINATION DATE OF THE MOTOR VEHICLE TAX IN THE UNITED CITY OF YORKVILLE

WHEREAS, the United City of Yorkville (the "City") is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, Section 8-11-4 of the Illinois Municipal Code (65 ILCS 5/8-11-4) provides that each owner of a motor vehicle may be required by a City within which the owner resides to pay a tax for the use of such motor vehicle in that City; and,

WHEREAS, the Mayor and City Council (the "Corporate Authorities") desire to amend the termination date of the vehicle tax to April 30, 2022.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, as follows:

Section 1: That Section 3-2-8A of the Yorkville City Code is hereby amended to read as follows:

> **"A.** Tax Imposed. A vehicle tax is imposed upon the owner of a motor vehicle as defined in the Illinois Vehicle Code, except as provided in subsection F, which is registered with the Illinois Secretary of State to a premise located within the City or has its situs in the City notwithstanding the owner's residency. It shall constitute prima facie evidence that a motor vehicle is operated on the streets of the City when registered or it has its situs in the City. Situs shall mean the owner's premise where the motor vehicle is principally garaged, dispatched or where the movement of the vehicle originates. An owner's premise shall mean the same as the premise of a utility service customer. This vehicle tax shall expire on April 30, 2022."

Section 2: This Ordinance shall be in full force and effect upon its passage, approval, and publication as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
JACKIE MILSCHEWSKI	_____	ARDEN JOE PLOCHER	_____
CHRIS FUNKHOUSER	_____	JOEL FRIEDERS	_____
SEAVER TARULIS	_____	JASON PETERSON	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2021.

_____

MAYOR

Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: March 18, 2021
Subject: Water and Sewer infrastructure fee reductions

Summary

Discussion of the impact of a reduction on the water and sewer infrastructure fees.

Background

This item was last discussed by the Administration Committee meeting in March, when the committee asked the staff to come up with an analysis of budget impact for a reduced water and sewer infrastructure fee. The scenario proposed was a $1 per month per household reduction in each fee. The attached spreadsheet from Director Fredrickson shows the impact, which is generally around $100,000 per fee annually, for each $1 fee reduction.

We have not provided a full budget impact due to tight turnaround, but effectively this will bring the water fund closer to a 30% fund balance in the near future and reduces the fund balance in that fund for the FY 25 and FY 26 years. This could be problematic with multiple years of reduced water usage and the accompanying revenues. In the sewer fund, this will bring the sewer fund to around a 20% fund balance for FY 22 and 23 and will reduce the financial stability of the fund over the long term. The aggregate budget surplus/deficit and fund balance is also is currently trending negative for the entirety of the five-year budget proposal, and this proposal would bring us closer to cash flow issues in FY 23 and FY 26 particularly.

Recommendation

Staff understands the desire to reduce the fees in the near term, but ultimately recommends leaving the fees as proposed. The infrastructure fees have not been pegged to inflation, effectively reducing the financial impact on each household since the creation of the fees. Any reduction in the fees now makes the short-term viability of both the water and sewer funds more of an issue and makes the climb to funding a long-term water source project longer.

WATER FUND (51)

As Proposed - Water Infrastructure Fee $8.25/month

	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Water Infrastructure Fees	$ 815,000	$ 820,000	$ 825,000	$ 830,000	$ 835,000	$ 840,000
Total Revenues	$ 4,993,743	$ 4,749,788	$ 4,939,949	$ 5,136,953	$ 5,343,239	$ 5,559,270
Total Expenses	4,819,968	6,071,923	5,614,083	3,686,114	3,860,455	3,741,879
Net Transfers In (Out)	179,020	180,233	177,859	178,752	(175,260)	(292,323)
Fund Balance Equivalent	**$ 3,621,040**	**$ 2,479,138**	**$ 1,982,863**	**$ 3,612,454**	**$ 4,919,978**	**$ 6,445,046**

WATER FUND (51)

Reduced by $1 Monthly - Water Infrastructure Fee $7.25/month

	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Water Infrastructure Fees	$ 815,000	$ 720,606	$ 725,000	$ 729,394	$ 733,788	$ 738,182
Revenue Reduction	**$ -**	**$ (99,394)**	**$ (100,000)**	**$ (100,606)**	**$ (101,212)**	**$ (101,818)**
Total Revenues (Adjusted)	$ 4,993,743	$ 4,650,394	$ 4,839,949	$ 5,036,347	$ 5,242,027	$ 5,457,452
Total Expenses	4,819,968	6,071,923	5,614,083	3,686,114	3,860,455	3,741,879
Net Transfers In (Out)	179,020	180,233	177,859	178,752	(175,260)	(292,323)
Fund Balance Equivalent	**$ 3,621,040**	**$ 2,379,744**	**$ 1,783,469**	**$ 3,312,454**	**$ 4,518,766**	**$ 5,942,016**

SEWER FUND (52)

As Proposed - Sewer Infrastructure Fee $4.00/month

	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Water Infrastructure Fees	$ 390,000	$ 395,000	$ 400,000	$ 405,000	$ 410,000	$ 415,000
Total Revenues	$ 1,697,678	$ 1,671,353	$ 1,709,424	$ 1,749,956	$ 1,791,476	$ 1,834,016
Total Expenses	2,174,657	2,378,702	2,483,284	2,346,344	2,540,423	2,371,774
Net Transfers In (Out)	99,619	511,074	920,829	1,060,481	833,140	913,697
Fund Balance Equivalent	**$ 845,028**	**$ 648,753**	**$ 795,722**	**$ 1,259,815**	**$ 1,344,008**	**$ 1,719,947**

SEWER FUND (52)

Reduced by $1 Monthly - Sewer Infrastructure Fee $3.00/month

	FY 2021 Projected	FY 2022 Proposed	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected
Water Infrastructure Fees	$ 390,000	$ 296,250	$ 300,000	$ 303,750	$ 307,500	$ 311,250
Revenue Reduction	**$ -**	**$ (98,750)**	**$ (100,000)**	**$ (101,250)**	**$ (102,500)**	**$ (103,750)**
Total Revenues (Adjusted)	$ 1,697,678	$ 1,572,603	$ 1,609,424	$ 1,648,706	$ 1,688,976	$ 1,730,266
Total Expenses	2,174,657	2,378,702	2,483,284	2,346,344	2,540,423	2,371,774
Net Transfers In (Out)	99,619	511,074	920,829	1,060,481	833,140	913,697
Fund Balance Equivalent	**$ 845,028**	**$ 550,003**	**$ 596,972**	**$ 959,815**	**$ 941,508**	**$ 1,213,697**

Reviewed By:	
Legal	■
Finance	☐
Engineer	■
City Administrator	■
Community Development	■
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Planning and Zoning Commission #1

Tracking Number

PZC 2021-01 and EDC 2021-19

Agenda Item Summary Memo

Title: PZC 2021-01 Cox Landscaping 1.5 Mile Review (Rezone & Special Use)

Meeting and Date: City Council – March 23, 2021

Synopsis: Mile and one-half review of a variance request in Kendall County for a rezone

From agriculture to commercial and special use for landscaping business

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Vote

Submitted by: Jason Engberg, AICP (Name) Community Development (Department)

Agenda Item Notes:

See attached memorandum.

Memorandum

To: City Council
From: Jason Engberg, Senior Planner
CC: Bart Olson, City Administrator
Krysti J. Barksdale-Noble, Community Development Director
Date: March 15, 2021
Subject: **PZC 2021-01– Cox Landscaping 1.5 Mile Review (Rezone & Special Use)**
Kendal County Case 20-32

SUMMARY:

Staff has reviewed a request from Kendall County Planning and Zoning Department along with the subsequent documents attached. This property is located within one and a half miles of the planning boundary for Yorkville, allowing the City the opportunity to review and provide comments to Kendall County. The petitioner, Cindy Gates, on behalf of Cindy Gates Trust, who currently leases the subject property to Mark Cox of Cox Landscaping, LLC is requesting to rezone a part of the property and receive a special use permit to conduct the existing landscape business. The property is generally located at the southeast side of Route 34 approximately 175 feet northeast of Tuma Road.

Staff has reviewed the request for rezoning and special use authorization and ***does not*** have an objection to the petitioner's request. This request was reviewed by the Economic Development Committee at the March 2, 2021 meeting where there were no additional given comments. This item was delivered to the City on January 20, 2021.

PLANNING AND ZONING COMMISSION RECOMMENDATION:

This item was discussed at the March 10, 2021 Planning and Zoning Commission meeting and the commissioners had no objections to the rezone request. The following motion was made:

In consideration of the proposed mile and half review of Kendall County Case 20-32 for a rezoning request from A-1 Agricultural to B-3 Commercial and special use authorization for a landscaping business at 9000 Route 34, the Planning and Zoning Commission recommends the City Council to not to object to the request.

Action:

Olson-aye; Millen-aye; Williams-aye; Marcum-aye; Hyatt-aye; Horaz-aye. 6 ayes, 0 nays

Attachments

1. Planning and Zoning Memorandum
2. Application with Attachments

Memorandum

To: Planning and Zoning Commission
From: Jason Engberg, Senior Planner
CC: Bart Olson, City Administrator
Krysti J. Barksdale-Noble, Community Development Director
Date: March 3, 2021
Subject: **PZC 2021-01– Cox Landscaping 1.5 Mile Review (Rezone & Special Use)**
Kendal County Case 20-32

SUMMARY:

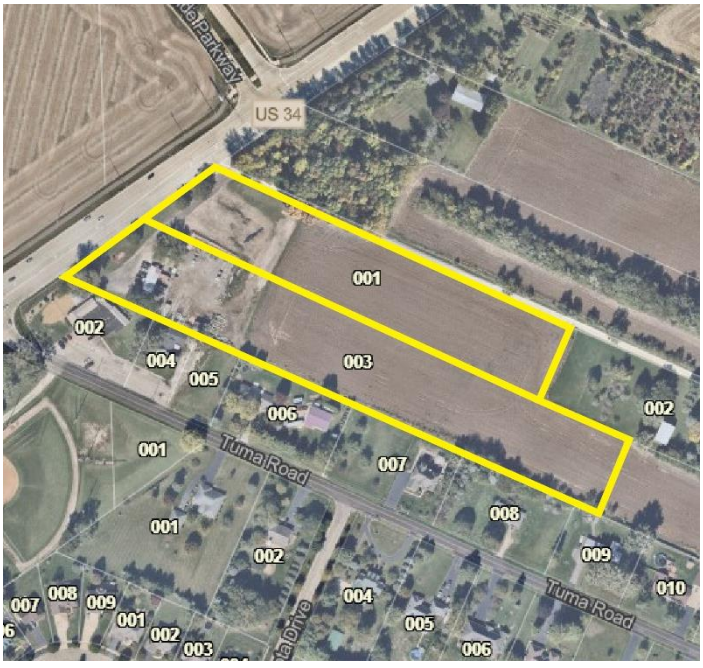
Staff has reviewed a request from Kendall County Planning and Zoning Department along with the subsequent documents attached. This property is located within one and a half miles of the planning boundary for Yorkville, allowing the City the opportunity to review and provide comments to Kendall County. The petitioner, Cindy Gates, on behalf of Cindy Gates Trust, who currently leases the subject property to Mark Cox of Cox Landscaping, LLC is requesting to rezone a part of the property and receive a special use permit to conduct the existing landscape business.

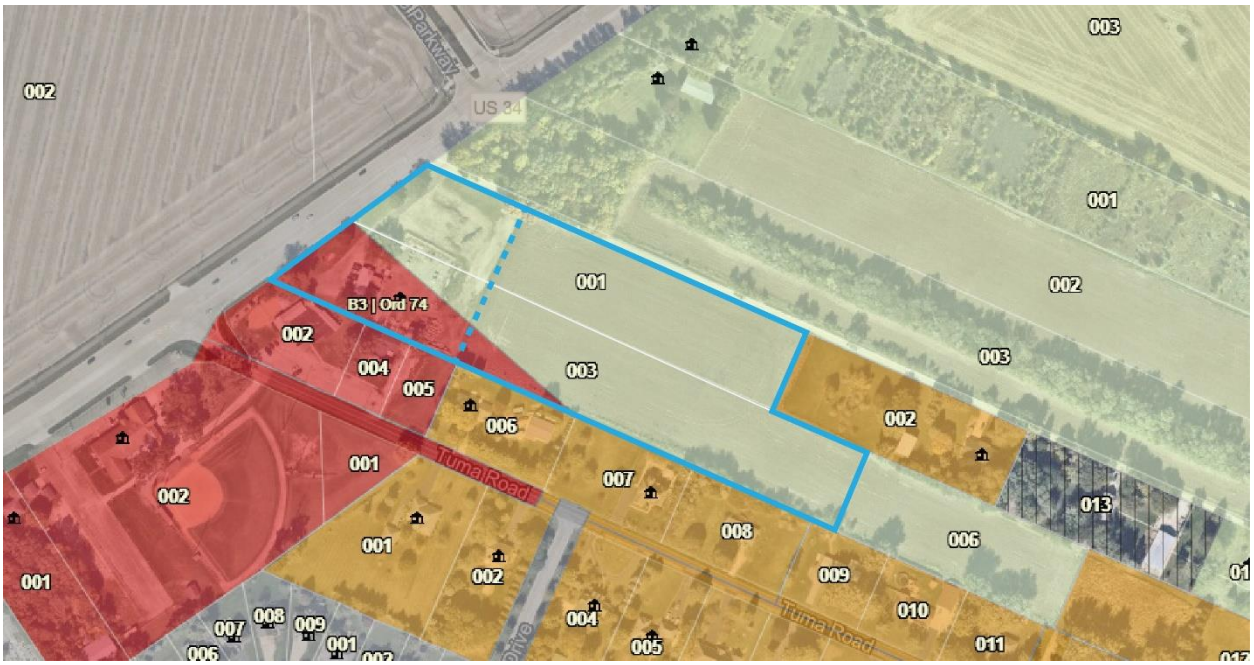
The property is generally located at the southeast side of Route 34 approximately 175 feet northeast of Tuma Road. Cox Landscaping has been operating on this site for the past 30 years but a complaint prior to COVID-19 closures stated that the business was not operating with proper zoning. The County made efforts to determine if the use was legally non-conforming but were unsuccessful. Therefore, the petitioner decided to pursue the correct zoning and a special use to continue the landscaping business.

PROJECT BACKGROUND:

Cox Landscaping is located at 9000 Route 34 in Kendall County and is northeast of Heartland Subdivision along Veteran's Parkway. The property consists of two parcels which contain the existing business as well as agricultural fields being farmed.

The petitioner is not looking to change any operation of this business or expand beyond its current limits. The request is to rezone the area of land containing the business to B-3 Commercial and the area containing the farmed land to A-1 Agriculture. Also, the petitioner is requesting a special use for its landscaping business to comply to all of Kendall County's ordinances.





EXISTING CONDITIONS:

As shown in the illustration above, the 2 parcels are already zoned B-3 Commercial and A-1 Agricultural but not where the business is located nor where the property lines are located. In the planning and development field this is sometimes referred to as "split zoning" which gives a single parcel more than one zoning district. In general, this type of zoning is discouraged as it undermines the entire purpose of zoning parcels for different uses. The practice is prohibited within the City and the County but there are cases in the County where it has happened due to situations outside of the County's control.

The issue typically arises from property owners subdividing their larger County parcels into smaller parcels through what is known as the "Plat Act Exemption." This process allows an owner of a property or several adjacent properties to subdivide and sell his land without going through a public process, such as a final plat review. Therefore, when a parcel is zoned with a certain district and then is resubdivided without any review, parts of the land can end up with different zoning districts. The petitioner's land was once a triangular parcel zoned B-3 Commercial but was later replatted and made part of the larger parcel now identified as "Lot 003."

The County's legal counsel determined that the legal description of a use or zone within any ordinance holds true regardless of replatted property lines. The County has made it a policy and practice to allow these split zonings due to that determination and fairness to all property owners with these unique situations. This explanation of this uncommon zoning occurrence is needed as the petitioner is requesting to rezone the area with the existing business to B-3 Commercial and not the entire parcels as one would expect.

PROPOSED REQUESTS:

As stated previously, the petitioner is seeking to rezone the front part of the property to B-3 Commercial District to conform to the County's zoning ordinance for land use. This will leave the back portions of the parcels to be zoned A-1 Agricultural District to allow for the continuance of farming operations. As explained previously, this will result in split zoning of the properties. The County is not requesting the petitioner to replat the properties to remove the split zoning as this would cause two new parcels to have no public access. The County has assessed that the property is already split zoned and that it would be more detrimental to the owners or potential buyers to have properties without access.

Finally, the petitioner is also requesting a special use authorization from the County as required by their zoning ordinance. Similar to Yorkville, the County requires some land uses to go through a special use review process. The petitioner is requesting these items to conform to the code since they could not prove if they were legally conforming or not. They have no intention of expanding or altering their operations but would like to conform to the code to ensure there are no other unexpected consequences to operating their business.

YORKVILLE COMPREHENSIVE PLAN:

Yorkville's 2016 Comprehensive Plan designation for this property is Estate/Conservation Residential. This future land use is intended to provide flexibility for residential design in areas of Yorkville that can accommodate low-density detached single-family housing but also include sensitive environmental and scenic features that should be retained and enhanced. The most typical form of development within this land use will be detached single family homes on large lots.

The existing landscape company does not conform to this future land use designation. While inconsistent with the future land use designation of the City, the proposed requests do not change the existing land use in any way and therefore is not changing or developing into anything new which warrants examination with future plans. Additionally, if the property were annexed into the City, it would most likely be part of a larger redevelopment project which would have the current land use removed.

Staff Recommendation & Comments

Staff has reviewed the request for rezoning and special use authorization and ***does not*** have an objection to the petitioner's request. This request was reviewed by the Economic Development Committee at the March 2, 2021 meeting where there were no additional comments. This review will also be brought to the Planning and Zoning Commission at the March 10, 2021 meeting. This item was delivered to the City on January 20, 2021.

Proposed Motion:

In consideration of the proposed mile and half review of Kendall County Case 20-32 for a rezoning request from A-1 Agricultural to B-3 Commercial and special use authorization for a landscaping business at 9000 Route 34, the Planning and Zoning Commission recommends the City Council to (object or not to object) to the request.

Attachments

1. Application with Attachments

DEPARTMENT OF PLANNING, BUILDING & ZONING
111 West Fox Street • Room 203
Yorkville, IL • 60560
(630) 553-4141 Fax (630) 553-4179

Petition 20-32
Cindy Gates on Behalf of the Cindy Gates Trust and Mark Cox on Behalf of Cox Landscaping, LLC
Map Amendment Rezoning a Portion of Property from A-1 to B-3
Special Use Permit for Landscaping Business

INTRODUCTION

Cindy Gates, on behalf of the Cindy Gates Trust, currently leases the subject property to Mark Cox of Cox Landscaping, LLC for use as a landscaping business.

Prior to the COVID-19 closures, the County received a complaint that a landscaping business was operating at the subject property without proper zoning. Efforts to determine if the use qualified for grandfathering were unsuccessful and the Petitioner decided to pursue a map amendment and special use permit. The COVID-19 closures and efforts to obtain stormwater information caused the application to be delayed.

The subject property is split zoned between A-1 and B-3. The request makes the entire frontage of the parcels B-3 and establishes a special use permit for a landscaping business over the area zoned B-3.

The application materials are included as Attachment 1. The aerial of the site portion of the property is included as Attachment 2. The site plan is included as Attachment 3. The plat of the area proposed for rezoning only is included as Attachment 4.

SITE INFORMATION

PETITIONERS: Cindy Gates on Behalf of the Cindy Gates Trust and Mark Cox on Behalf of Cox Landscaping LLC

ADDRESS: 9000 Route 34, Yorkville

LOCATION: Southeast Side of Route 34 Approximately 175 Feet Northeast of Tuma Road



TOWNSHIP: Bristol

PARCEL #s: Part 02-27-151-001 Rezone A-1 to B-3 Special Use
Part 02-27-151-003 Rezone A-1 and B-3 to B-3 Special Use

LOT SIZE: Subject Area is 2.46 +/- Acres (Total of Both Parcels is 8.6 +/- Acres)

EXISTING LAND USE: Landscaping Business

ZONING: A-1 and B-3

LRMP:

Future Land Use	Suburban Residential (1.00 DU/Acre) (County) Agricultural (Yorkville)
Roads	Route 34 is a State maintained arterial.
Trails	There is a trail planned along Route 34.
Floodplain/ Wetlands	There are no floodplains or wetlands on the property.

REQUESTED ACTIONS: Map Amendment Rezoning Property to B-3 Highway Business District

Special Use Permit for a Landscaping Business

APPLICABLE REGULATIONS: Section 13:07 – Map Amendment Procedures
Section 13:08 – Special Use Procedures

SURROUNDING LAND USE

Location	Adjacent Land Use	Adjacent Zoning	Land Resource Management Plan	Zoning within ½ Mile
North	Agricultural	Planned Development B-3 and O (Yorkville)	Suburban Neighborhoods (Yorkville)	A-1 (County) Planned Development B-3 and O (Yorkville)
South	Commercial	R-3 and B-3	Suburban Residential (Max 1.00 DU/Acre)	R-3 and B-3 (County) R-2 and Open Space-2 (Yorkville)
East	Agricultural	A-1	Suburban Residential	A-1, A-1 BP, and R-3

West	Agricultural	Planned Development B-3 and O	Mid-Density Residential (Yorkville)	R-3 and B-3 (County) Planned Development B-3 and O and B-3 (Yorkville)

Pictures of the property are included as Attachments 5-12.

Four residential subdivisions are located within one half (1/2) mile of the subject property.

PHYSICAL DATA

ENDANGERED SPECIES REPORT

EcoCAT Report submitted and found the Fox River INAI Site, Yorkville Forested Seep and Fen INAI Site, and the River Redhorse in the area. Adverse impacts were unlikely and consultation was terminated, see Attachment 1, Pages 12-14.

NATURAL RESOURCES INVENTORY

The LESA Score was 115 indicating a low level of protection, see Attachment 14.

ACTION SUMMARY

BRISTOL TOWNSHIP

The Petitioners appeared before the Bristol Township Board on February 5, 2020, prior to submitting an application with the County. The Bristol Township Board voted in favor of the request. The minutes of this meeting are included as Attachment 13. Petition information was sent to Bristol Township on January 20, 2021.

UNITED CITY OF YORKVILLE

Petition information was sent to the United City of Yorkville on January 20, 2021.

BRISTOL-KENDALL FIRE PROTECTION DISTRICT

Petition information was sent to the Bristol-Kendall Fire Protection District on January 20, 2021.

GENERAL INFORMATION

The subject property has been used as a landscaping business without proper zoning for many years and the Petitioners would like to become compliant with the Zoning Ordinance.

BUSINESS OPERATIONS

According to the business plan found on page 4 of Attachment 1, Cox Landscaping, LLC provides general landscaping services to commercial and residential customers. The business has a maximum fifteen (15) employees. Employees arrive at the property at approximately 6:45 a.m., go to work sites, and return to the property by 5:30 p.m. The business operates at maximum capacity from April 1st through Thanksgiving. A smaller number of employees work for the business from November through April.

The subject property is used for offices and storage of landscaping materials.

The subject property is used for wholesale purposes only; no customers come onto the property.

BUILDINGS AND BUILDING CODES

The property presently consists of one (1) one thousand thirty (1,030) square foot steel building. An approximately fifty-three (53) square foot metal shed is located northeast of the steel building. A metal storage bin is located to the southeast of the steel building. An approximately one hundred twenty (120) square foot frame shed is also located southeast of the steel building. A new shed is shown on the site plan; the new shed will be approximately eight feet (8') tall. Any new structures would require applicable building permits.

The property also has one (1) two hundred fifty-two (252) square foot concrete storage area, one (1) two

hundred sixteen (216) square foot concrete storage area, one (1) seven hundred fourteen (714) square foot concrete storage area, and one (1) five hundred forty-four (544) square foot wood storage bay. The height of the storage areas is twelve feet (12').

One (1) diesel tank is located on the property.

ENVIRONMENTAL HEALTH
The property is served by well. There is no septic on the premises.

STORMWATER
The property drains to the southeast.

The main parking area consists of gravel and crushed asphalt.

A pulverized black dirt pile will be located on the northern portion of the property.

A stormwater management permit will be required. The stormwater information is included in Attachment 3.

ACCESS
The property has two accesses off of Route 34.

PARKING AND INTERNAL TRAFFIC CIRCULATION
One (1) two thousand five hundred (2,500) square foot gravel parking area is located west of the steel building and one (1) five thousand (5,000) square foot parking lot is located north of the steel building. There are twelve (12) parking spaces in the gravel parking area west of the steel building with an additional twelve (12) parking spaces to the east of the steel building.

LIGHTING
Lights are presently located on the property by the sign, flagpole, and on the steel building. One (1) freestanding light is also located on the property next to the steel building. No additional is planned.

The site has less than thirty (30) parking spaces. Therefore, a photometric plan is not required.

SIGNAGE
A sign is already located on the property. The sign is five feet (5') wide and two feet (2') tall. The sign is three point eight feet (3.8') off of the ground for a total height of slightly under six feet (6'). A light exists next to the sign and flagpole.

SECURITY
A wooden fence six feet (6') in height is located between the steel building and the berm. The Petitioners plan to install a cyclone mesh fence with slats to prevent viewing by the public. The fence will be approximately six feet (6') in height. A new fence gate is visible on the site plan.

Security cameras are also located on the steel building.

LANDSCAPING
The Petitioners also plan to have a three foot (3') maximum height berm with black dirt and mulch with landscaping in the location shown on the site plan.

A berm already exists parallel to Route 34.

No additional plantings are planned for either berm.

NOISE CONTROL
No information was provided regarding noise control.

ODORS
No new odors are foreseen by the proposed use.

RELATION TO OTHER SPECIAL USES
If approved, this would be the twelfth (12th) special use permit for a landscaping business in unincorporated Kendall County.

RECOMMENDATION
Before issuing a recommendation, Staff would like comments from the United City of Yorkville, the Bristol-Kendall Fire Protection District, and ZPAC members.

ATTACHMENTS
1. Application Materials (Including Petitioner's Findings of Fact, NRI Application, and EcoCat)
2. Aerial
3. Site Plan
4. Rezoning Area
5. Main Building
6. Existing Berm
7. Existing Berm 2
8. Pulverized Dirt Area
9. Sign
10. Looking North
11. Looking Across Route 34
12. Southwest Side of Property
13. February 5, 2020 Bristol Township Minutes
14. NRI Report

DEPARTMENT OF PLANNING, BUILDING & ZONING
111 West Fox Street • Yorkville, IL • 60560
(630) 553-4141 Fax (630) 553-4179

APPLICATION

PROJECT NAME Cox Landscaping **FILE #:**

NAME OF APPLICANT		
Cox Landscaping, LLC		
CURRENT LANDOWNER/NAME(s)		
Cindy Gates Trust		
SITE INFORMATION		
ACRES	**SITE ADDRESS OR LOCATION**	**ASSESSOR'S ID NUMBER (PIN)**
2.4613	9000 Route 34, Yorkville, IL 60560	part of 02-27-151-003
EXISTING LAND USE	**CURRENT ZONING**	**LAND CLASSIFICATION ON LRMP**
Landscaping Business		

REQUESTED ACTION (Check All That Apply):

___ SPECIAL USE	X MAP AMENDMENT (Rezone to ____)	___ VARIANCE
___ ADMINISTRATIVE VARIANCE	___ A-1 CONDITIONAL USE for: _____	___ SITE PLAN REVIEW
___ TEXT AMENDMENT	___ RPD (___Concept; ___ Preliminary; ___ Final)	___ ADMINISTRATIVE APPEAL
___ PRELIMINARY PLAT	___ FINAL PLAT	___ OTHER PLAT (Vacation, Dedication, etc.)
___ AMENDMENT TO A SPECIAL USE (___ Major; ___ Minor)		

[1]PRIMARY CONTACT	**PRIMARY CONTACT MAILING ADDRESS**	**PRIMARY CONTACT EMAIL**
Dnaiel J. Kramer	1107A S. Bridge St., Yorkville, IL 60560	dkramer@dankramerlaw.com
PRIMARY CONTACT PHONE #	**PRIMARY CONTACT FAX #**	**PRIMARY CONTACT OTHER #**(Cell, etc.)
630-553-9500	630-553-5764	
[2]ENGINEER CONTACT	**ENGINEER MAILING ADDRESS**	**ENGINEER EMAIL**
NONE		
ENGINEER PHONE #	**ENGINEER FAX #**	**ENGINEER OTHER #** (Cell, etc.)

I UNDERSTAND THAT BY SIGNING THIS FORM, THAT THE PROPERTY IN QUESTION MAY BE VISITED BY COUNTY STAFF & BOARD/ COMMISSION MEMBERS THROUGHOUT THE PETITION PROCESS AND THAT THE PRIMARY CONTACT LISTED ABOVE WILL BE SUBJECT TO ALL CORRESPONDANCE ISSUED BY THE COUNTY.

I CERTIFY THAT THE INFORMATION AND EXHIBITS SUBMITTED ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I AM TO FILE THIS APPLICATION AND ACT ON BEHALF OF THE ABOVE SIGNATURES.

SIGNATURE OF APPLICANT [redacted] **DATE** 9/14/2020

FEE PAID:$ _____ Paid by Dft
CHECK #: _____

[1]*Primary Contact will receive all correspondence from County*
[2]*Engineering Contact will receive all correspondence from the County's Engineering Consultants*

Date Stamp Here If Checklist Is Complete

MAP AMENDMENT FINDINGS OF FACT

1. Existing Uses: The existing uses on Route 34 and adjacent to the property are primarily business, manufacturing, and retail in usage. To the east and south there is an area of agricultural row crop farmland and substantially to the southwest an area of residential.

2. Zoning Classification: The area surrounding the subject parcel is a mix of business zonings, agricultural zonings, and residential zoning to the southwest.

3. Suitability: The area that is being zoned B-3 Special Use from existing A-1 Agricultural Uses just even out the boundary of the existing B-3 Property that has been used as a nursery, retail garden sales center, and related businesses for the past 30 years or more.

4. Trend of Development: The trend in development along Route 34 is towards commercial, light manufacturing, and retail.

5. The landscape company is consistent with current the LRMP and has been an existing use at this property for over 30 years.

SPECIAL USE FINDINGS OF FACT

1. The subject property has been operated as a nursey/landscaping business with the current Owner and her former husband and then a subsequent tenant for over the last 20 years.

2. The proposed use does not vary from prior uses on the property and will contain a fenced area for storage of outdoor equipment.

   Petitioner is further creating a landscape buffer at the front of the property which will dress up its appearance on Route 34.

3. The subject property is adequate in terms of utility use. There is no office so no need for waste facilities in that the building located at the property, as it is simply used for dry storage. The primary purpose of establishing the Special Use is to continue to allow the equipment used in the landscaping and dirt shredding business to be stored on-site in conformance with Kendall County Zoning Ordinances. There is adequate access to Illinois State Route 34 which is a Class II Highway.

4. Petitioner will comply with all conditions of the proposed Special Use including adequate fencing in conformity with County Ordinance.

5. The Special Use requested is consistent with the County Comprehensive Plan in that the property is zoned B-3 for Business/Commercial Uses and the use now being conducted on the property conforms to what was present for the last many years other than there are not retail or wholesales being done on-site which previously took place.

COX LANDSCAPING BUSINESS PLAN

The overall Business Plan of Cox Landscaping is to continue its long-standing business providing general landscaping services to commercial and residential owners and operators.

At peak employment times the Petitioner will have 15 employees. The hours of operation on-site where employees are coming and going is from approximately 6:45 am when some of the employees arrive at the site to go to various jobs and start work at 7:00 am and they usually conclude work at 5:00 pm and bring whatever equipment that needs to come back to the business site back within a half an hour of the 5:00 pm quit time. Generally speaking the landscaping services run from April 1st through around Thanksgiving of each calendar year.

We have small number of employees that work for us during the winter months of November through April to provide snowplowing services as needed.

Scope of Work: Landscaping, mowing, brick and concrete patio/landscaping treatments. Delivery of mulch and rock in conjunction with landscaping services as well as tree removal, trimming, and pulverized dirt being delivered to sites in conjunction with the landscaping business.

North and east of the building we have dirt pile which is dirt taken from jobs and reconditioned through a screener to eliminate clay and rocks and then reused on-site. The pulverized dirt coming out of the screener is used on company jobs.

LEGAL DESCRIPTION OF TRACT TO BE REZONED:

That Part of Lots 4 and 5 of Baker's Subdivision of Section 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Commencing at the Southwest Corner of Lot 5 at Baker's Subdivision for a point of beginning; thence South 66°01'56" East along the Southwesterly Line of said Lot 5, 410.0 feet; thence North 23°58'04" East, 352.76 feet to a line that is parallel with and 15.0 feet Southwest of the Northeasterly Line of Lot 4 of Baker's Subdivision; thence North 65°51'43" East along said parallel line, 197.16 feet to the Southeast Line of U.S. Route 34; thence South 55°01'49" West along said Southeasterly Line, 412.51 feet to the point of beginning, in Bristol Township, Kendall County, Illinois.

201600001532

DEBBIE GILLETTE
KENDALL COUNTY, IL

RECORDED: 2/2/2016 9:55 AM
RCD: 49.00 RHSPS FEE: 10.00
PAGES: 4

QUIT CLAIM DEED
(Individuals to Trust)

THE GRANTOR, CINDY S GATES, formerly known as CINDY S PULFER, a married woman, of 9498 2190 East Street, Princeton, County of Bureau, and State of Illinois, for and in consideration of TEN and NO/100ths DOLLARS ($10 00), in hand paid, CONVEYS AND QUIT CLAIMS to CINDY S GATES, a married woman, of 9498 2190 East Street Princeton, County of Bureau, and State of Illinois, NOT INDIVIDUALLY, BUT AS TRUSTEE OF THE CINDY S GATES TRUST DATED NOVEMBER 6, 2009, all interest in the following-described real estate situated in the County of Kendall, in the State of Illinois, to wit

SEE ATTACHED LEGAL DESCRIPTION

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois

I hereby declare that this deed represents a transaction exempt under the provisions of 35 ILCS 200/31-45(e) of the Real Estate Transfer Tax Act.

Dated: 1/22/16 [redacted]
Buyer/Seller/Representative

Permanent Real Estate Index Numbers 02-27-151-003

Address of Real Estate 9000 U S Route 34, Yorkville, Illinois 60560

Grantor represents that this property is non-homestead property

DATED this 22 day of January, 2016.

[redacted]
Cindy S Gates

Instrument prepared by Richard C Slocum, Attorney at Law, [redacted]

Unofficial

4

State of Illinois)
) SS
County of Kane)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that Cindy S Gates, formerly Cindy S Pulfer, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed, sealed and delivered the said instrument as her free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead

Given under my hand and official seal this 22 day of January, 2016.

[redacted]

Notary Public

"OFFICIAL SEAL"
RICHARD S. SLOCUM
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 09/28/2018

Commission expires

Unofficial Copy

Tax bills to

Cindy S Gates Trust
Cindy S Gates, Trustee
[redacted]

Mail to

Richard C Slocum
Attorney at Law
[redacted]

RECORDER OF KENDALL COUNTY

AFFIDAVIT - PLAT ACT

STATE OF ILLINOIS)
) SS
COUNTY OF KENDALL)

Cindy S Gates, being duly sworn on oath, states that she resides at9498 2190 East Street, Princeton, Illinois 61356-8773

That the attached deed is not in violation of Paragraph 205/1 of Chapter 765 of the Illinois Compiled Statutes for one of the following reasons

1 The sale or exchange is of an entire tract of land not being a part of a larger tract of land

2 The division or subdivision of land is into parcels or tracts of 5 acres or more in size which does not involve any new streets or easements of access

3 The division is of lots or blocks of less than 1 acre in any recorded subdivision which does not involve any new streets or easements of access

4 The sale or exchange of parcels of land is between owners of adjoining and contiguous land

5 The conveyance is of parcels of land or interests therein for use as right-of-way for railroads or other public utility facilities which does not involve any new streets or easements of access

6 The conveyance is of land owned by a railroad or other public utility which does not involve any new streets or easements of access

7 The conveyance is of land for highway or other public purpose, or grants or conveyances relating to the dedication of land for public use or instruments relating to the vacation of land impressed with a public use

8 The conveyance is made to correct descriptions in prior conveyances

9 The sale or exchange is of parcels or tracts of land following the division into no more than two parts of a particular parcel or tract of land existing on July 17, 1959, and not involving any new streets or easements of access

10 The sale is of a single lot of less than 5 acres from a larger tract, the dimensions and configuration of said larger tract having been determined by the dimensions and configuration of said larger tract on October 1, 1973, and no sales prior to this sale of any lot or lots from said larger tract having taken place since October 1, 1973, and a survey of said single lot having been made by a registered land surveyor

CIRCLE NUMBER ABOVE WHICH IS APPLICABLE TO THE ATTACHED DEED

Affiant further states that she makes this Affidavit for the purpose of inducing the Recorder of Kane County, Illinois, to accept the attached deed for recording, and that all local requirements applicable to the subdivision of land are met by the attached deed and the tract described therein

[redacted]

Cindy S Gates

Subscribed and sworn to before me this

[redacted]

Notary Public

"OFFICIAL SEAL"
RICHARD S SLOCUM
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 09/28/2016

Unofficial

LEGAL DESCRIPTION

That part of Lot 5 of Baker's Subdivision in Sections 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian, described as follows Beginning at a point on the Southerly line of said Lot 5, 54 43 feet Southeasterly from the Northwesterly corner of Lot 1 of Batson's Subdivision in said Section 27, thence North 66 degrees, 30 minutes, 0 seconds West along the Southerly line of said Lot 5, 1275 97 feet to the Southeasterly line of U S Route 34, thence North 54 degrees, 49 minutes, 30 seconds East along said Southeasterly line 210 64 feet to the Northerly line of said Lot 5, thence South 66 degrees, 22 minutes, 07 seconds East along said Northerly line 1166 41 feet to a line drawn North 23 degrees, 30 minutes, 0 seconds East from the point of beginning, thence South 23 degrees, 30 minutes, 0 seconds West 177 26 feet to the point of beginning, in the Township of Bristol, Kendall County, Illinois

Unofficial

KENDALL COUNTY
DISCLOSURE OF BENEFICIARIES FORM

1. Applicant Cindy Gates Trust

   Addres[redacted]

   City [redacted] State [redacted] Zip [redacted]

2. Nature of Benefit Sought Special Use to operate Landscaping Business

3. Nature of Applicant: (Please check one)
   - X Natural Person (a)
   - ___ Corporation (b)
   - ___ Land Trust/Trustee (c)
   - X Trust/Trustee (d)
   - ___ Partnership (e)
   - ___ Joint Venture (f)

4. If applicant is an entity other than described in Section 3, briefly state the nature and characteristics of the applicant:

   N/A

5. If your answer to Section 3 you have checked letter b, c, d, e, or f, identify by name and address each person or entity who is a 5% shareholder in case of a corporation, a beneficiary in the case of a trust or land trust, a joint venture in the case of a joint venture, or who otherwise has proprietary interest, interest in profits and losses or right to control such entity:

NAME	ADDRESS	INTEREST
Cindy Gates	[redacted]	

6. Name, address, and capacity of person making this disclosure on behalf of the applicant:

   [redacted]

VERIFICATION

I, [redacted], being first duly sworn under oath that I am the person making the disclosure on behalf of the applicant, that I am duly authorized to make the disclosure, that I have red the above and foregoing Disclosure of Beneficiaries, and that the statements contained therein are true in both substance and fact.

Subscribed and sworn to before me this 30th day of December A.D. 2019

(seal)

"OFFICIAL SEAL"
COLLEEN HANSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/18/2023

[redacted]
Notary Public

Kendall County Soil & Water Conservation District

7775A Route 47, Yorkville, Illinois 60560 • (630)553-5821 extension 3

www.kendallswcd.org

NATURAL RESOURCE INFORMATION (NRI) REPORT APPLICATION

Petitioner: Cox Landscaping, LLC
Address: 9000 Route 34
City, State, Zip: Yorkville, IL 60560
Phone Number: [redacted]
Email: [redacted]

Contact Person: Attorney Daniel J. Kramer
[redacted]

Please select: How would you like to receive a copy of the NRI Report? ☑ Email ☐ Mail

Site Location & Proposed Use

Township Name Bristol
Parcel Index Number(s) 02-27-151-003 & 02-27-151-001 (front part of each pin)
Township 27 N, Range 37 E, Section(s) 7
Project or Subdivision Name Cox Landscaping
Number of Acres 2.5 acres
Current Use of Site Landscaping Business
Proposed Use Landscaping Business
Proposed Number of Lots 1
Proposed Number of Structures exisitng 1
Proposed Water Supply existing well
Proposed type of Wastewater Treatment existing septic
Proposed type of Storm Water Management N/A

Type of Request

☐ Change in Zoning from _____ to _____
☐ Variance (Please describe fully on separate page)
☑ Special Use Permit (Please describe fully on separate page)
Name of County or Municipality the request is being filed with: Kendall County PB & Z

In addition to this completed application form, please including the following to ensure proper processing:

☐ **Plat of Survey/Site Plan** – showing location, legal description and property measurements
☐ **Concept Plan** - showing the locations of proposed lots, buildings, roads, stormwater detention, open areas, etc.
☐ If available: topography map, field tile map, copy of soil boring and/or wetland studies
☐ **NRI fee** (Please make checks payable to Kendall County SWCD)

The NRI fees, as of July 1, 2010, are as follows:

Full Report: $375.00 for five acres and under, plus $18.00 per acre for each additional acre or any fraction thereof over five.
Executive Summary Report: $300.00 (KCSWCD staff will determine when a summary or full report will be necessary.)

Fee for first five acres and under	$ 375.00
_____ Additional Acres at $18.00 each	$ _____
Total NRI Fee	$ 375.00

NOTE: Applications are due by the 1st of each month to be on that month's SWCD Board Meeting Agenda. Once a completed application is submitted, please allow 30 days for inspection, evaluation and processing of this report.

I (We) understand the filing of this application allows the authorized representative of the Kendall County Soil and Water Conservation District (SWCD) to visit and conduct an evaluation of the site described above. The completed NRI report expiration date will be 3 years after the date reported.

[redacted]
Petitioner or Authorized Agent

12-30-19
Date

This report will be issued on a nondiscriminatory basis without regard to race, color, religion, national origin, age, sex, handicap or marital status.

FOR OFFICE USE ONLY

NRI#_____ Date initially rec'd _____ Date all rec'd _____ Board Meeting _____
Fee Due $_____ Fee Paid $ _____ Check #_____ Over/Under Payment _____ Refund Due _____

EcoCAT
Ecological Compliance Assessment Tool

Applicant:	Cox Landscaping	*IDNR Project Number:*	2006051
Contact:	Daniel J. Kramer	*Date:*	01/30/2020
Address:	9000 Route 34 Yorkville, IL 60560		
Project:	Cox Landscaping		
Address:	9000 Route 34, Yorkville		

Description: To operate landscaping company at an existing location

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Fox River INAI Site
Yorkville Forested Seep And Fen INAI Site
River Redhorse *(Moxostoma carinatum)*

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location
The applicant is responsible for the accuracy of the location submitted for the project.

County: Kendall

Township, Range, Section:
37N, 7E, 27
37N, 7E, 28



IL Department of Natural Resources Contact
Adam Rawe
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
Kendall County Planning, Building, and Zoning
Matt Asselmeier
111 W Fox Street
Yorkville, Illinois 60560

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

IDNR Project Number: 2006051

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

Cox

Illinois Department of
Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
http://dnr.state.il.us

JB Pritzker, Governor
Colleen Callahan, Director

January 30, 2020

Daniel J. Kramer
Cox Landscaping
9000 Route 34
Yorkville, IL 60560

RE: Cox Landscaping
Project Number(s): 2006051
County: Kendall

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

[redacted]

Adam Rawe
Division of Ecosystems and Environment
217-785-5500

Attachment 2 Aerial



November 9, 2020

Kendall County Address Points

Parcels

parcel

Incorporated Areas

Yorkville

1:1,200

0 0.01 0.01 0.03 mi

0 0.01 0.02 0.04 km

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Kendall County Web GIS

View GIS Disclaimer at https://www.co.kendall.il.us/departments/geographic-information-systems/gis-disclaimer-page/.

ZONING PLAT OF
PART OF LOTS 4 AND 5 BAKER'S SUBDIVISION
BRISTOL TOWNSHIP KENDALL COUNTY ILLINOIS

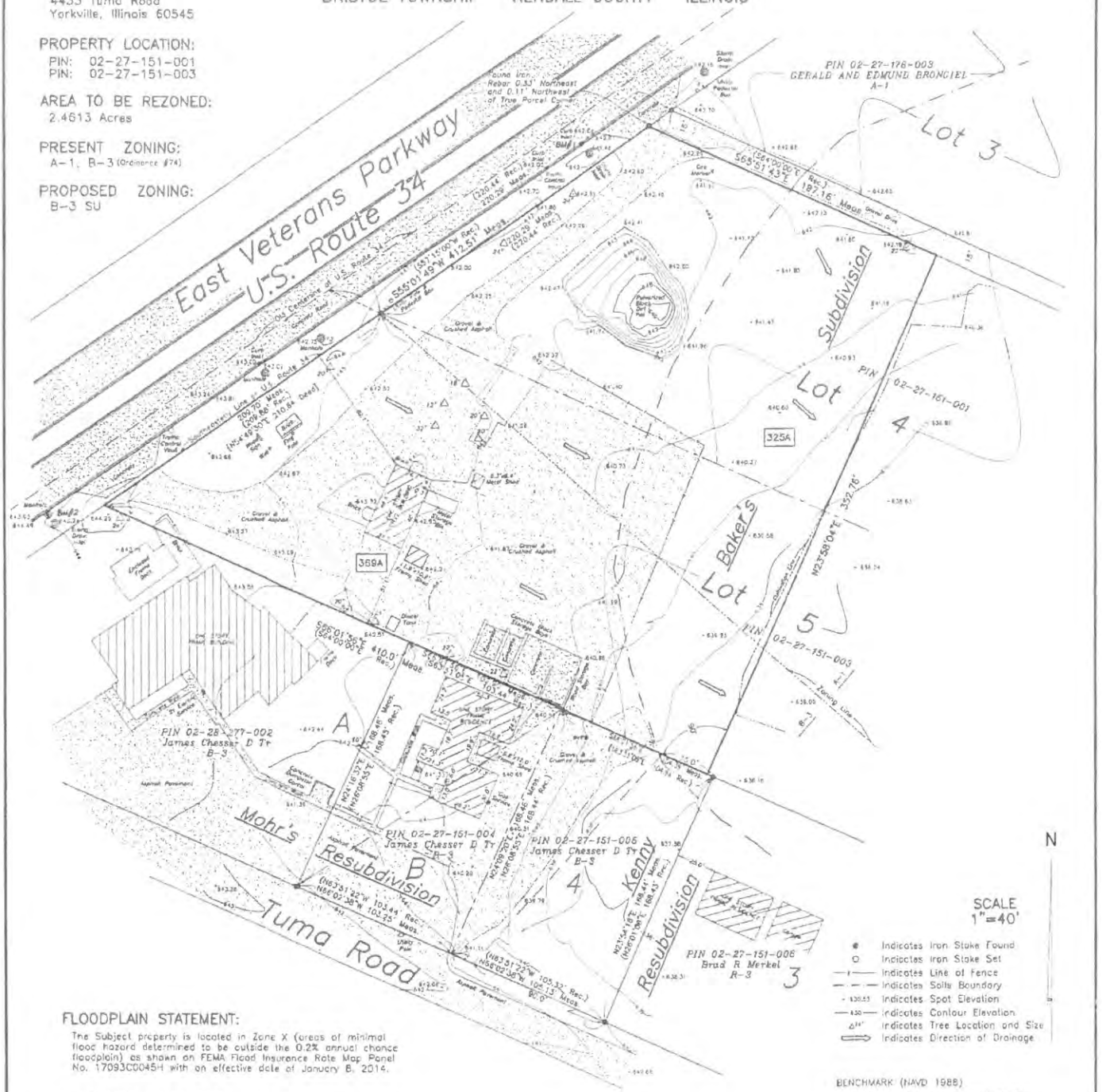
DEVELOPER:
Cox Landscaping
4433 Tuma Road
Yorkville, Illinois 60545

PROPERTY LOCATION:
PIN: 02-27-151-001
PIN: 02-27-151-003

AREA TO BE REZONED:
2.4613 Acres

PRESENT ZONING:
A-1, B-3 (Ordinance #74)

PROPOSED ZONING:
B-3 SU



- ⊕ Indicates Iron Stake Found
- ○ Indicates Iron Stake Set
- Indicates Line of Fence
- Indicates Soils Boundary
- 630.53 Indicates Spot Elevation
- 630 Indicates Contour Elevation
- Indicates Tree Location and Size
- Indicates Direction of Drainage

FLOODPLAIN STATEMENT:
The Subject property is located in Zone X (areas of minimal flood hazard determined to be outside the 0.2% annual chance floodplain) as shown on FEMA Flood Insurance Rate Map Panel No. 17093C0045H with an effective date of January 8, 2014.

WETLANDS STATEMENT:
The National Wetlands Inventory Map depicts no wetlands on the the Subject Property.

LEGAL DESCRIPTION OF TRACT TO BE REZONED:
That Part of Lots 4 and 5 of Baker's Subdivision of Section 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Commencing at the Southwest Corner of Lot 5 of Baker's Subdivision for a point of beginning; thence South 68°01'58" East along the Southwesterly Line of said Lot 5, 410.0 feet; thence North 23°58'04" East, 352.76 feet to a line that is parallel with and 15.0 feet Southwest of the Northeasterly Line of Lot 4 of Baker's Subdivision; thence North 65°51'43" East along said parallel line, 197.16 feet to the Southeast Line of U.S. Route 34; thence South 55°01'49" West along said Southeasterly Line, 412.51 feet to the point of beginning, in Bristol Township, Kendall County, Illinois.



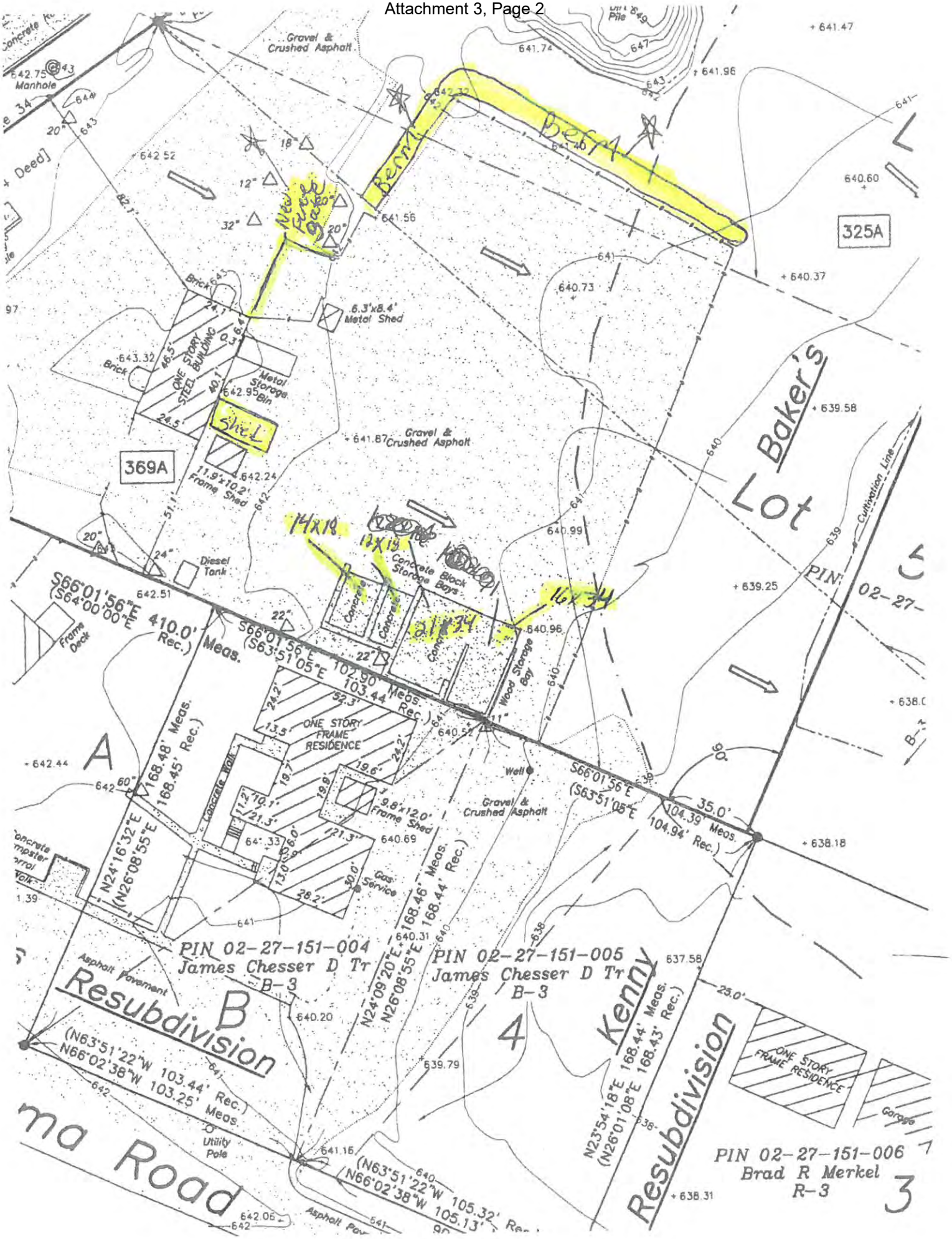
BENCHMARK (NAVD 1988)
BM#1 -- Top of Curb Inlet at the Northwest Corner of Subject Property Elevation = 642.55
BM#2 -- Manhole Rim at Curb at the Southwest Corner of Subject Property. Elevation = 644.23

SOILS (From Web Soil Survey)
- 325A Dresden Silt Loam, 0%-2% slopes
- 369A Waupecan Silt Loam, 0%-2% slopes

January 6, 2020

JOB NO.	19313
JOB NAME	COX
DWG FILE	19313

Phillip D. Young and Associates, Inc.
LAND SURVEYING - TOPOGRAPHIC MAPPING - Lic.#184-002775
1107B South Bridge Street
Yorkville, Illinois 60560
Telephone (630)553-1580


Gravel & Crushed Asphalt
642.75 Manhole
641.74
641.47
641.96
642.32
641.40
Berm
New Fence & Gate
641.56
642.52
640.60
325A
640.37
640.73
Brick
6.3'x8.4' Metal Shed
643.32
Brick
ONE STORY STEEL BUILDING
Metal Storage Bin
642.95
Shed
639.58
Gravel & Crushed Asphalt
641.87
369A
642.24
11.9'x10.2' Frame Shed
Baker's Lot
Cultivation Line
14'x18'
12'x13'
Concrete Block Boys
16'x34'
640.99
639.25
PIN 02-27-
Diesel Tank
642.51
S66°01'56"E (S64°00'00"E Rec.) 410.0' Meas.
Frame Deck
S66°01'56"E (S63°51'05"E 102.90' Meas. 103.44' Rec.)
Concrete
Concrete
Concrete
Wood Storage Bay
640.96
640.54
ONE STORY FRAME RESIDENCE
642.44
A
168.48' Meas. 168.45' Rec.)
N24°16'32"E (N26°08'55"E
Concrete Walk
Well
S66°01'56"E (S63°51'05"E
35.0'
104.39' Meas. 104.94' Rec.)
638.18
9.8'x12.0' Frame Shed
640.69
Gravel & Crushed Asphalt
Gas Service
PIN 02-27-151-004
James Chesser D Tr
B-3
PIN 02-27-151-005
James Chesser D Tr
B-3
N24°09'20"E 168.46' Meas.
N26°08'55"E 168.44' Rec.)
640.31
637.58
Asphalt Pavement
B
Resubdivision
640.20
4
Kenny
Resubdivision
23.0'
(N63°51'22"W 103.44' Rec.)
N66°02'38"W 103.25' Meas.
639.79
ONE STORY FRAME RESIDENCE
Garage
N23°54'18"E 168.44' Meas.
(N26°01'08"E 168.43' Rec.)
Utility Pole
641.16
(N63°51'22"W 105.32'
N66°02'38"W 105.13'
PIN 02-27-151-006
Brad R Merkel
R-3
3
638.31
642.06
Asphalt Pav
ma Road

TEBRUGGE ENGINEERING

410 E. Church St.–Suite A
Sandwich, IL 60548

Phone: (815) 786 - 0195
Email: info@tebruggeengineering.com
Website: www.tebruggeengineering.com

December 4, 2020

Mr. Matt Asselmeier
Kendall County Planning, Building and Zoning Department
111 W Fox St
Room 204
Yorkville, IL 60560-1498

Re: Cox Landscaping
9000 E. Veterans Parkway
Yorkville IL

Dear Mr. Asselmeier,

I visited the site located at 9000 E Veterans Parkway and walked the site to review the parking and storage areas used by Cox Landscaping. The site topographic survey had recently been done by Phil Young & Associates and we completed a Civil Site Plan detailing the areas of topsoil stockpile and the landscape berm which was installed on the north and east sides of the rear storage area. We reviewed the site history of this property utilizing google earth back to 2000 and the north portion utilized by Cox Landscaping has not had any significant change since the previous landscape company used this site.
The drainage pattern is from north to south. The parking lots and storage area all drain to the south. The landscape berm around the rear storage area and the topsoil stockpile do not block or impede the overland flow of storm water to the south. There was no erosion of the topsoil stockpile noticed on the south side of the topsoil stockpile. Cox Landscaping stated that they use the topsoil on an as needed basis for their landscaping projects.

If you have any additional questions, please contact us.

Sincerely,

Tebrugge Engineering



John Tebrugge

DEVELOPER:

Cox Landscaping
4433 Tuma Road
Yorkville, Illinois 60545

PROPERTY LOCATION:

PIN: 02-27-151-001
PIN: 02-27-151-003

AREA TO BE REZONED:

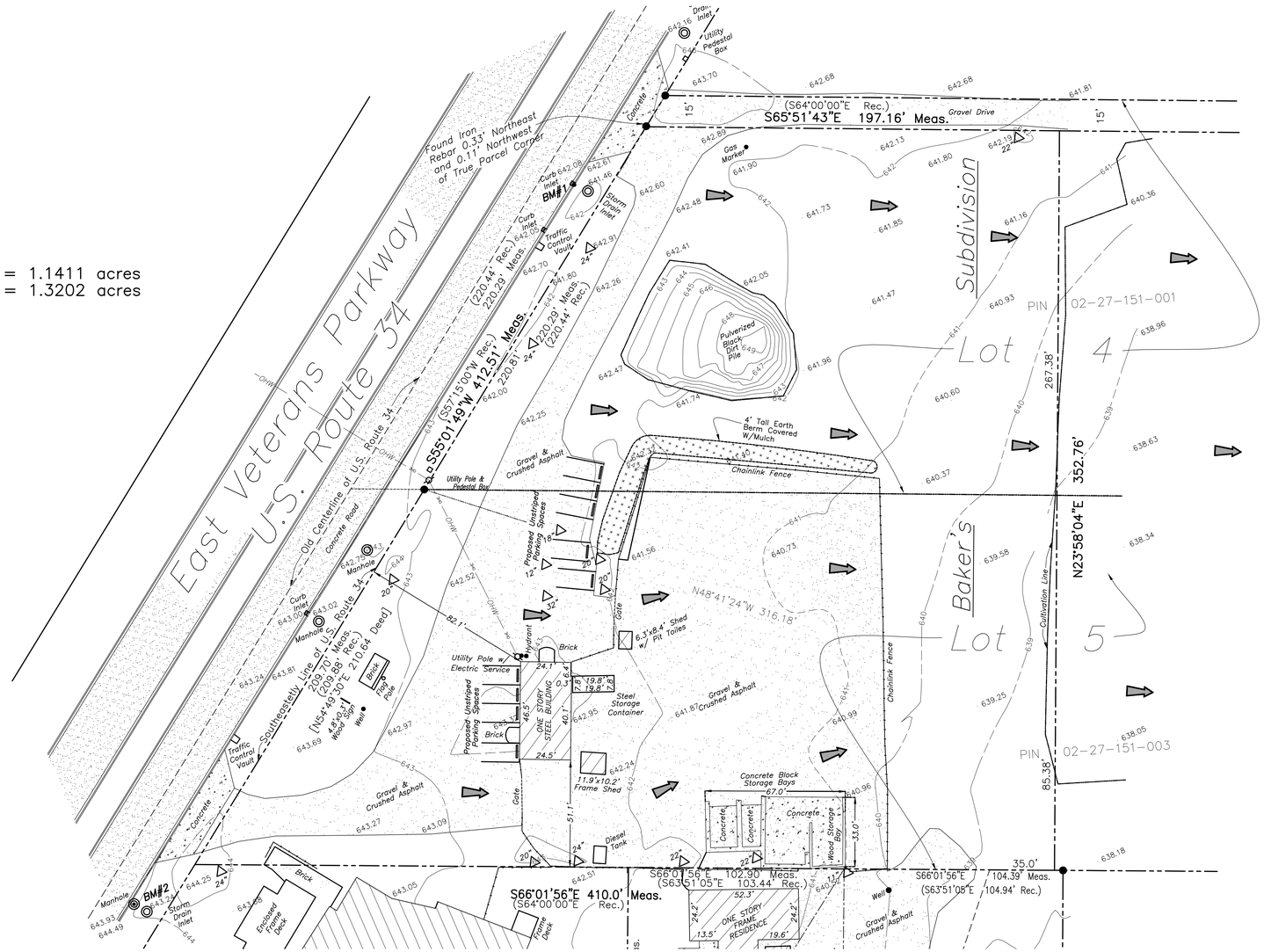
B3 to B3-SU 49707 sq.ft. = 1.1411 acres
A1 to B3-SU 57506 sq.ft. = 1.3202 acres
Total Area = 2.4613 Acres

PRESENT ZONING:

A1 and B3 (Ordinance #74)

PROPOSED ZONING:

B3-SU



LEGEND

PROPERTY BOUNDARY	
600	EXISTING CONTOUR LINE
STM STM	EXISTING STORM SEWER
SAN SAN	EXISTING SANITARY SEWER LINE
W W	EXISTING WATERMAIN
UE UE	EXISTING UNDERGROUND ELECTRIC
OHE OHE	EXISTING OVERHEAD ELECTRIC
GAS GAS	EXISTING GAS SERVICE
T T	EXISTING TELEPHONE
673	PROPOSED CONTOUR LINE
W W	PROPOSED WATERMAIN
STM STM	PROPOSED STORM SEWER
SAN SAN	PROPOSED SANITARY SEWER LINE
GREASE GREASE	PROPOSED GREASE SERVICE LINE
VENT VENT	PROPOSED VENT LINE
F F	EXISTING FENCELINE
SF SF	PROPOSED SILT FENCE
x 686.00	EXISTING SPOT SHOT
x 686.00	PROPOSED SPOT GRADE

	EXIST	PROP	
WATER:			B-BOX
			HYDRANT
			VALVE
			VALVE VAULT
STORM:			INLET-CURB
			INLET OR MANHOLE
			FLARED END SECTION
SANITARY:			CLEANOUT
			MANHOLE

R.O.W. MONUMENT	UTILITY POLE
PROPERTY PIN	GUY WIRE LOC.
P.K. NAIL	UTIL CABINET
CHISELED MARK	UTIL PEDESTAL
BENCHMARK	LIGHT POLE
HUB & TACK	TRAFFIC SIGNAL
SOIL BORING	ELECTRIC VAULT
OVERLAND RELIEF	GAS VALVE
FLOW DIRECTION	

SURVEY COMPLETED BY:

Phillip D. Young and Associates, Inc.
LAND SURVEYING – TOPOGRAPHIC MAPPING – Lic.#184-002775
1107B South Bridge Street
Yorkville, Illinois 60560
Telephone (630)553-1580

BENCHMARK (NAVD 1988)

BM#1 -- Top of Curb Inlet at the Northwest Corner of Subject Property. Elevation = 642.55

BM#2 -- Manhole Rim at Curb at the Southwest Corner of Subject Property. Elevation = 644.23

PROFESSIONAL ENGINEER'S CERTIFICATION
STATE OF ILLINOIS, COUNTY OF KENDALL

I JOHN J. TEBRUGGE, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY PERSONAL DIRECTION BASED ON AVAILABLE DOCUMENTS AND FIELD MEASUREMENTS FOR THE EXCLUSIVE USE OF THE CLIENT NOTED HEREON.

GIVEN UNDER MY HAND & SEAL THIS 3RD DAY OF DECEMBER, 2020.

JOHN J. TEBRUGGE 041828 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

[redacted]

ILLINOIS REGISTERED PROFESSIONAL ENGINEER
NO. 0062-041828 EXPIRES NOV. 30, 2021

-30 0 30 60
SCALE IN FEET

TEBRUGGE ENGINEERING
410 E. CHURCH STREET - SUITE A • SANDWICH, IL 60548
PHONE: (815) 786-0195 TEBRUGGEENGINEERING.COM

REVISIONS	NO.	DATE	NOTES

PREPARED FOR:
COX LANDSCAPING
9000 E VETERANS PARKWAY, YORKVILLE, IL 60560

COX LANDSCAPING SITE PLAN

EXISTING CONDITION PLAN

PROJECT NO.	20 485 01
SCALE:	1" = 30'
DATE:	DEC 2, 2020

SHEET NO. 1 OF 1 SHEETS

ZONING PLAT OF
PART OF LOTS 4 AND 5 BAKER'S SUBDIVISION
BRISTOL TOWNSHIP KENDALL COUNTY ILLINOIS

DEVELOPER:
Cox Landscaping
4433 Tuma Road
Yorkville, Illinois 60545

PROPERTY LOCATION:
PIN: 02-27-151-001
PIN: 02-27-151-003

AREA TO BE REZONED:
B3 to B3-SU 49707 sq.ft. = 1.1411 acres
A1 to B3-SU 57506 sq.ft. = 1.3202 acres
Total Area = 2.4613 Acres

PRESENT ZONING:
A1 and B3 (Ordinance #74)

PROPOSED ZONING:
B3-SU



WETLANDS STATEMENT:
The National Wetlands Inventory Map depicts no wetlands on the Subject Property.

FLOODPLAIN STATEMENT:
The Subject property is located in Zone X (areas of minimal flood hazard determined to be outside the 0.2% annual chance floodplain) as shown on FEMA Flood Insurance Rate Map Panel No. 17093C0045H with an effective date of January 8, 2014.

BENCHMARK (NAVD 1988)
BM#1 -- Top of Curb Inlet at the Northwest Corner of Subject Property. Elevation = 642.55
BM#2 -- Manhole Rim at Curb at the Southwest Corner of Subject Property. Elevation = 644.23

SOILS (From Web Soil Survey)
325A Dresden Silt Loam, 0%-2% slopes
369A Waupecan Silt Loam, 0%-2% slopes

LEGAL DESCRIPTION OF TRACT TO BE REZONED FROM "B3" TO "B3-SU":

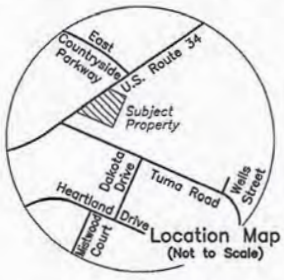
That Part of Lot 5 of Baker's Subdivision of Sections 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Beginning at the Southwest Corner of said Lot 5; thence South 66°01'56" East, along the Southwesterly Line of said Lot 5, 410.0 feet; thence North 23°58'04" East, 85.38 feet; thence North 48°41'24" West, 316.18 feet to the Southeast Line of U. S. Route 34; thence South 55°01'49" West, 209.70 feet to the point of beginning in Bristol Township, Kendall County, Illinois.

LEGAL DESCRIPTION OF TRACT TO BE REZONED FROM "A1" TO "B3-SU":

That Part of Lots 4 and 5 of Baker's Subdivisions of Sections 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Commencing at the Southwest Corner of said Lot 5; thence South 66°01'56" East, along the Southwesterly Line of said Lot 5, 410.0 feet; thence North 23°58'04" East, 85.38 feet for the point of beginning; thence North 48°41'24" West, 316.18 feet to the Southeast Line of U. S. Route 34; thence North 55°01'49" East, 202.81 feet to a line that is parallel with and 15.0 feet Southwest of the Northeasterly Line of said Lot 4 of Baker's Subdivision; thence South 65°51'43" East, along said parallel line, 197.16 feet to a line drawn North 23°58'04" East from the point of beginning; thence South 23°58'04" West, 267.38 feet to the point of beginning in Bristol Township, Kendall County, Illinois.

LEGAL DESCRIPTION OF TRACT:

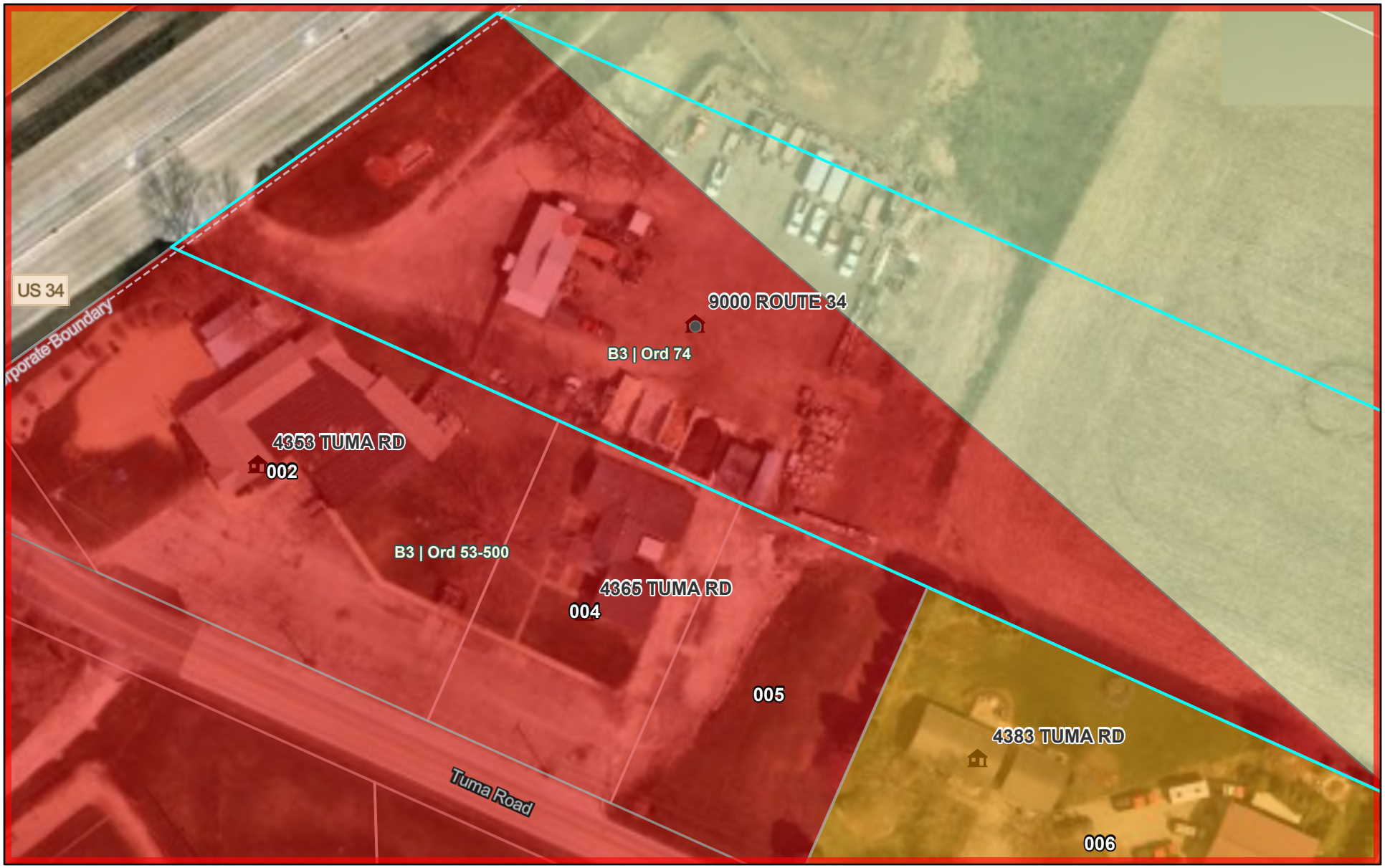
That Part of Lots 4 and 5 of Baker's Subdivision of Section 27 and 28, Township 37 North, Range 7 East of the Third Principal Meridian described as follows: Begining at the Southwest Corner of said Lot 5 of Baker's Subdivision; thence South 66°01'56" East along the Southwesterly Line of said Lot 5, 410.0 feet; thence North 23°58'04" East, 352.76 feet to a line that is parallel with and 15.0 feet Southwest of the Northeasterly Line of Lot 4 of Baker's Subdivision; thence North 65°51'43" East along said parallel line, 197.16 feet to the Southeast Line of U.S. Route 34; thence South 55°01'49" West along said Southeasterly Line, 412.51 feet to the point of beginning, in Bristol Township, Kendall County, Illinois.



March 5, 2020

JOB NO.	19313
JOB NAME	COX
DWG FILE	19313

Phillip D. Young and Associates, Inc.
LAND SURVEYING - TOPOGRAPHIC MAPPING - Lic.#184-002775
1107B South Bridge Street
Yorkville, Illinois 60560
Telephone (630)553-1580



September 18, 2020

Zoning
- R3
- A1
- B3

Municipalities
- CITY OF YORKVILLE

Current Parcels

Kendall County Addresses

1:1,140

0 0.01 0.01 0.02 mi

0 0.01 0.02 0.04 km

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Kendall County Web GIS

View GIS Disclaimer at https://www.co.kendall.il.us/departments/geographic-information-systems/gis-disclaimer-page/.

Attachment 5 Main Building



Attachment 6 Existing Berm



Attachment 7 Existing Berm 2



Attachment 8 Pulverized Dirt Area



Attachment 9 Sign




Attachment 10 Looking North
MENARDS
OUTLOTS FOR SALE
Home Builders Wanted
MENARDS
ONE WAY
09/18/2020 11:05


Attachment 11 Looking Across Route 34
09/18/2020 11:05

Attachment 12 Southwest Side of Property



Minutes - Board of Town Trustees

Illinois Office Supply • Ottawa, IL 430

STATE OF ILLINOIS,
Kendall County, } ss.
Town of Bristol ,

THE BOARD OF TOWN TRUSTEES met at the office of the Town Clerk at Bristol Township Hall on WEdnesday February 5, 2020 @ 7:00p.m.

PRESENT:
Robert Walker Supervisor
Julie Bennett Town Clerk
Sharla Logan-Waclaw Town Trustee
Bill Weatherly Town Trustee
Cory Johnson Town Trustee
Cliff Oleson Town Trustee

also present Highway Comm. Jeff Corneils ~~acting as chairperson and clerk~~. Assessor Dan Pickert, Twp. Sec. Vel Herrera, KCSD - W. Dial, Att. Dan Kramer, and 3 electors.

Supervisor Walker opened the meeting with The Pledge of Allegiance.
Clerk Bennett took roll call.
At this time Sup. Walker asked Attorney Dan Kramer to make his presentation. Attorney Kramer told about zoning of businesses and that nurseries and Landscaping firms are now classed differently. Landscaping businesses now need a Special Use permit to operate. He is representing a local landscaping business along Rt. 34, near Tuma Road in Yorkville. They are seeking the Special Use zoning permit. With the Township Board having no issues with this, Weatherly made a motion to approve the Special use zoning for landscaping property/business along Rt. 34, second Johnson. Logan-Waclaw, Walker, Weatherly Johnson, Oleson all aye, none nay.

Minutes were presented. Motion to approve minutes Oleson, second Weatherly, all aye, none nay.
Bills were presented for payment. Motion to authorize payment of the bills, Johnson second Weatherly. Logan-Waclaw, Walker, Weatherly, Johnson, Oleson all aye, none nay.

General Town	$ 41,473.99
Town FICA	2,335.80
General Assistance	991.00
Road and Bridge	8,541.44
Permanent/Hard Road	32,000.99
Road FICA	537.10
TOTAL	$ 85,880.32

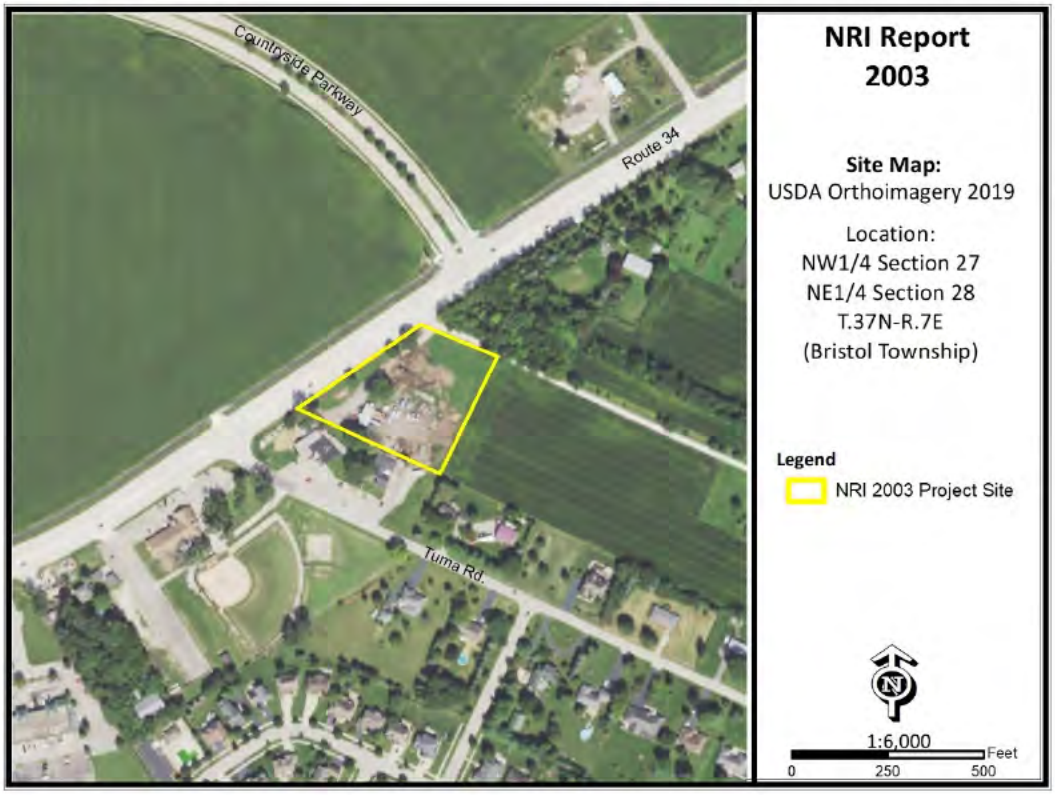
Old Business - Highway Commissioner Corneils commented on the Lynwood drainage issue. It is currently in the permit process with the state.
Discussion followed as to the engineering of the project. Comm. Corneils will ask the engineers to attend the next meeting to better explain to the public.

Clerk Bennett mentioned last month's discussion on an Intergovernmental Agreement with Oswego Twp. As the board was in agreement with this, Bennett asked for a motion to approve. Motion to approve Intergovernmental Agreement with Oswego Twp. made by Weatherly, second Johnson. Logan-Waclaw, Walker, Weatherly, Johnson, Oleson all aye, none nay.

Assessor - Assessor Pickert reported that Signature Fitness is going into the former Dick's Sporting Goods building at Kendall Marketplace.
Last month the board received the Assessor's Budget. After review, a motion was made to approve the Assessor's Budget for the year, made by Johnson, second Oleson, all aye, none nay.

New Business - Comm. Corneils reported that the Township Building was recently

NATURAL RESOURCE INFORMATION (NRI) REPORT: 2003



January 2020

Petitioner: Cox Landscaping LLC
Contact: Attorney Daniel J. Kramer

Prepared by:

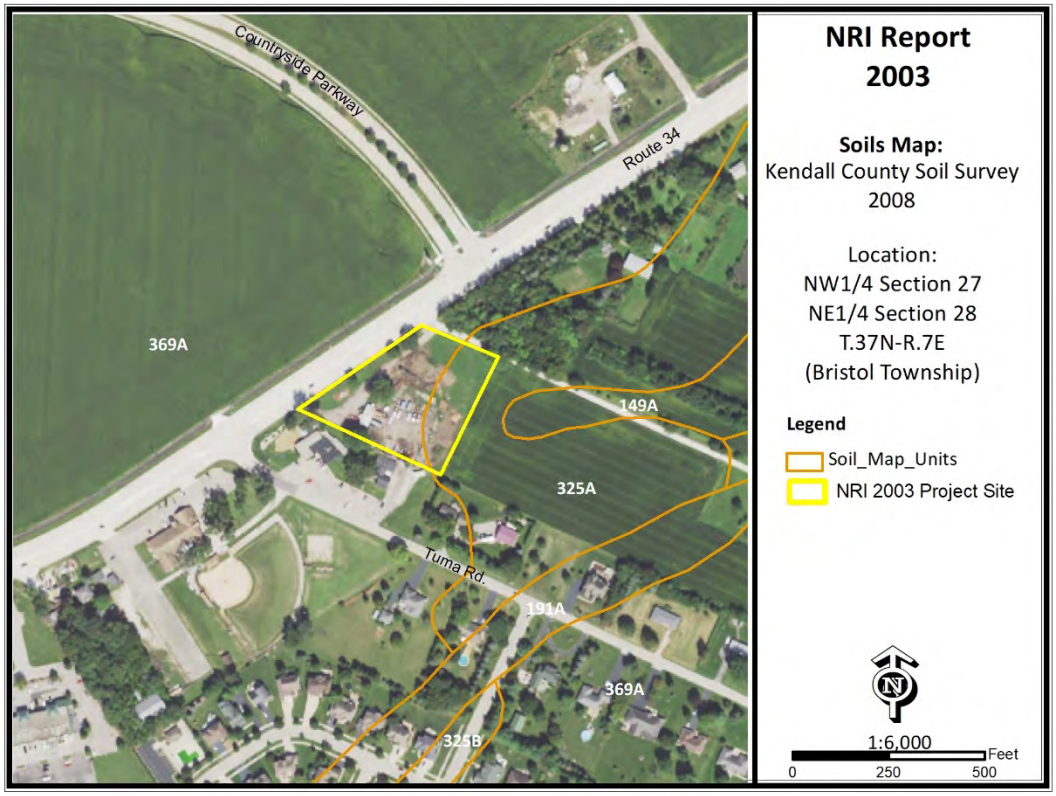
Kendall County Soil & Water Conservation District
7775A Route 47 • Yorkville, Illinois 60560
Phone: (630)553-5821 x3 • Fax: (630)553-7442
www.kendallswcd.org

2003 **Executive Summary** **January 2020**

Petitioner: Cox Landscaping LLC
Contact Person: Attorney Daniel J. Kramer
County or Municipality the petition is filled with: Kendall County
Location of Parcel: NW¼ Section 27, NE¼ Section 28, T.37N.-R.7E. (Bristol Township) of the 3rd Principal Meridian
Project or Subdivision Name: Cox Landscaping
Existing Zoning & Land Use: B-3 Business; Nursery & Landscaping Business
Proposed Zoning & Land Use: Special Use Permit; Nursery & Landscaping Business
Proposed Water Source: Existing Well
Proposed Type of Sewage Disposal System: Existing Septic
Proposed Type of Storm Water Management: N/A
Size of Site: 2.5 acres
Land Evaluation Site Assessment Score:115 (Land Evaluation: 89; Site Assessment: 26)

Natural Resource Findings

Soil Map:



SOIL INFORMATION:
Based on information from the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) 2008 Kendall County Soil Survey, this parcel is shown to contain the following soil types (please note this does not replace the need for or results of onsite soil testing; if completed, please refer to onsite soil test results for planning/engineering purposes):

Table 1:

Map Unit	Soil Name	Drainage Class	Hydrologic Group	Hydric Designation	Farmland Designation
325A	Dresden silt loam, 0-2% slopes	Well Drained	B	Non-hydric	Prime Farmland
369A	Waupecan silt loam, 0-2% slopes	Well Drained	B	Non-hydric	Prime Farmland

Hydrologic Soil Groups: Soils have been classified into four (A, B, C, D) hydrologic groups based on runoff characteristics due to rainfall. If a soil is assigned to a dual hydrologic group (A/D, B/D or C/D), the first letter is for drained areas and the second letter is for undrained areas.

- ✓ **Hydrologic group A:** Soils have a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
- ✓ **Hydrologic group B:** Soils have a moderate infiltration rate when thoroughly wet, consist chiefly of moderately deep to deep, moderately well drained to well drained soils that have a moderately fine to moderately coarse texture. These soils have a moderate rate of water transmission.
- ✓ **Hydrologic group C:** Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.
- ✓ **Hydrologic group D:** Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

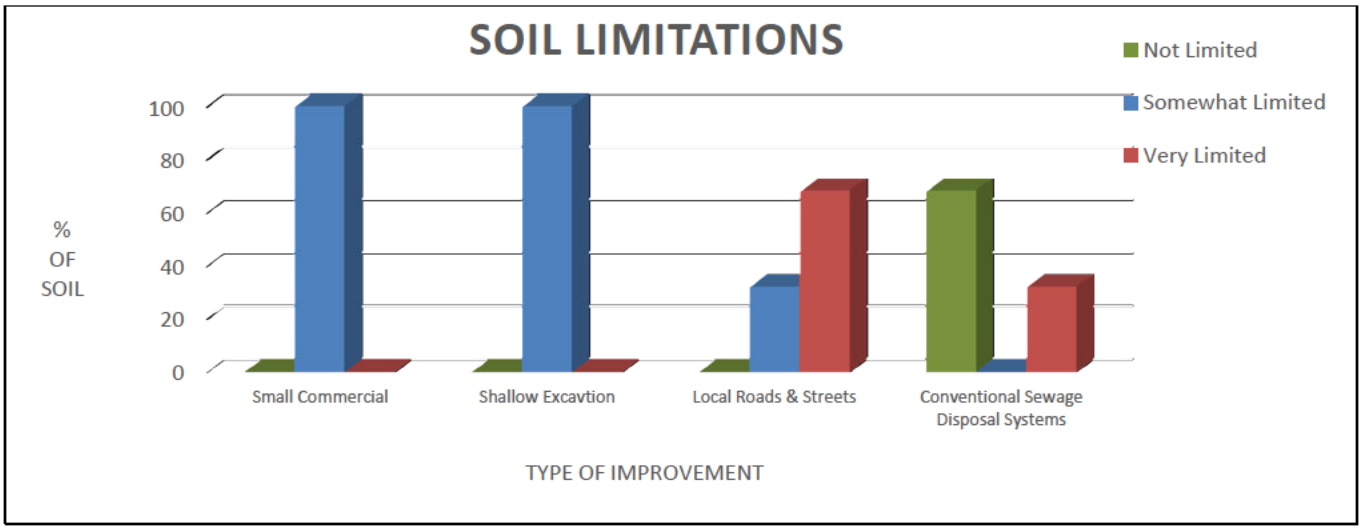
Hydric Soils: A hydric soil is one that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part of the soil profile that supports the growth or regeneration of hydrophytic vegetation. Soils with hydric inclusions have map units dominantly made up of non-hydric soils that may have inclusions of hydric soils in the lower positions on the landscape. Of the soils found onsite, none are classified as hydric or having hydric inclusions.

Prime Farmland: Prime farmland is land that has the best combination of physical and chemical characteristics for agricultural production. Prime farmland soils are an important resource to Kendall County and some of the most productive soils in the United States occur locally. Of the soils found onsite, all are designated as prime farmland.

Soil Limitations: Limitations for small commercial building, shallow excavations, lawns/landscaping and conventional septic systems.

Table 2a:

Soil Type	Small Commercial Building	Shallow Excavations	Lawns & Landscaping	Conventional Septic Systems
325A	Somewhat Limited	Somewhat Limited	Somewhat Limited	Unsuitable: Gravel
369A	Somewhat Limited	Somewhat Limited	Somewhat Limited	Suitable



Kendall County Land Evaluation and Site Assessment (LESA):

Decision-makers in Kendall County use the Land Evaluation and Site Assessment (LESA) system to determine the suitability of a land use change and/or a zoning request as it relates to agricultural land. The LESA system was developed by the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) and takes into consideration local conditions such as physical characteristics of the land, compatibility of surrounding land-uses, and urban growth factors. The LESA system is a two-step procedure that includes:

- **LAND EVALUATION (LE)** – The soils of a given area are rated and placed in groups ranging from the best to worst suited for a stated agriculture use, cropland or forestland. The best group is assigned a value of 100 and all other groups are assigned lower values. The Land Evaluation is based on data from the Kendall County Soil Survey. The Kendall County Soil and Water Conservation District is responsible for this portion of the LESA system.
  - ✓ The Land Evaluation score for this site is 89, indicating that this site is **currently well suited** for agricultural uses.
- **SITE ASSESSMENT (SA)** – The site is numerically evaluated according to important factors that contribute to the quality of the site. Each factor selected is assigned values in accordance with the local needs and objectives. The Kendall County LESA Committee is responsible for this portion of the LESA system.
  - ✓ The Site Assessment score for this site is 26.

  The **LESA Score for this site is 115 which indicates a low level of protection** for the proposed project site. Note: Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County.

Wetlands: The U.S. Fish & Wildlife Service's National Wetland Inventory map **does not indicate** the presence of a wetland(s) on the proposed project site. To determine if a wetland is present, a wetland delineation specialist, who is recognized by the U.S. Army Corps of Engineers, should determine the exact boundaries and value of the wetlands.

Floodplain: The parcel is not located within the floodplain.

Sediment and Erosion Control: Development on this site should include an erosion and sediment control plan in accordance with local, state and federal regulations. Soil erosion on construction sites is a resource concern because suspended sediment from areas undergoing development is a primary nonpoint source of water pollution. Please consult the *Illinois Urban Manual* (http://illinoisurbanmanual.org) for appropriate best management practices.

LAND USE FINDINGS:

The Kendall County Soil and Water Conservation District (SWCD) Board has reviewed the proposed development plans for Petitioner Cox Landscaping LLC at the request of their contact, Attorney Daniel J. Kramer for the proposed special use request within Kendall County located in Sections 27 & 28 of Bristol Township (T.37N-R.7E) of the 3rd Principal Meridian) in Kendall County. Based on the information provided by the petitioner and a review of natural resource related data available to the Kendall County SWCD, the SWCD Board presents the following information.

The Kendall County SWCD has always had the opinion that Prime Farmland should be preserved whenever feasible. A land evaluation, which is a part of the Land Evaluation and Site Assessment (LESA) was conducted on this parcel. The soils on this parcel scored an 89 out of a possible 100 points indicating the soils are well suited for agricultural uses. The total LESA Score for this site is 115 which indicates a low level of protection for the proposed project site. Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County. Additionally, of the soils found onsite, 100% are classified as prime farmland.

Soils found on the project site are rated for specific uses and can have potential limitations for development. Soil types with severe limitations do not preclude the ability to develop the site for the proposed use but it is important to note the limitation that may require soil reclamation, special design/engineering, or maintenance to obtain suitable soil conditions to support development with significant limitations. This report indicates that for soils located on the parcel, 100% are very limited for local roads/streets and 32% are unsuitable for conventional septic systems. This information is based on the soil in an undisturbed state. If the scope of the project may include the use of onsite septic systems, please consult with the Kendall County Health Department.

This site is located within both the Fox River Watershed.

This development should include a soil erosion and sediment control plan to be implemented during construction. Sediment may become a primary non-point source of pollution; eroded soils during the construction phase can create unsafe conditions on roadways, degrade water quality and destroy aquatic ecosystems lower in the watershed.

For intense use it is recommended that the drainage tile survey completed on the parcel to locate the subsurface drainage tile be taken into consideration during the land use planning process. Drainage tile expedites drainage and facilitates farming. It is imperative that these drainage tiles remain undisturbed. Impaired tile may affect a few acres or hundreds of acres of drainage.

The information that is included in this Natural Resources Information Report is to assure the Land Developers take into full consideration the limitations of that land that they wish to develop. Guidelines and recommendations are also a part of this report and should be considered in the planning process. The Natural Resource Information Report is required by the Illinois Soil and Water Conservation District Act (Ill. Complied Statues, Ch. 70, Par 405/22.02a).

[redacted]

SWCD Board Representative

Date: January 6, 2020

KENDALL CO SOIL AND WATER CONSERVATION DISTRICT
NATURAL RESOURCE INFORMATION REPORT (NRI)

NRI Report Number	2003
Date District Board Reviews Application	January 2020
Applicant's Name	Cox Landscaping LLC
Size of Parcel	2.5 acres
Current Zoning & Use	B-3; Landscaping / Nursery Business
Proposed Zoning & Use	Special Use Permit; Landscaping / Nursery Business
Parcel Index Number(s)	02-27-151-003; 02-27-151-001
Contact Person	Attorney Daniel J. Kramer

Copies of this report or notification of the proposed land-use change were provided to:	***Yes***	***No***
The Applicant	X	
The Applicant's Legal Representation	X	
The Local/Township Planning Commission	X	
The Village/City/**County** Planning and Zoning Department or Appropriate Agency	X	
The Kendall County Soil and Water Conservation District Files	X	

Report Prepared By: *Megan Andrews* Position: *Resource Conservationist*

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PURPOSE AND INTENT

The purpose of this report is to inform officials of the local governing body and other decision-makers with natural resource information. This information may be useful when undertaking land use decisions concerning variations, amendments or relief of local zoning ordinances, proposed subdivision of vacant or agricultural lands and the subsequent development of these lands. This report is a requirement under Section 22.02a of the Illinois Soil and Water Conservation Districts Act.

The intent of this report is to present the most current natural resource information available in a readily understandable manner. It contains a description of the present site conditions, the present resources, and the potential impacts that the proposed change may have on the site and its resources. The natural resource information was gathered from standardized data, on-site investigations and information furnished by the petitioner. This report must be read in its entirety so that the relationship between the natural resource factors and the proposed land use change can be fully understood.

Due to the limitations of scale encountered with the various resource maps, the property boundaries depicted in the various exhibits in this report provide a generalized representation of the property location and may not precisely reflect the legal description of the PIQ (Parcel in Question).

This report, when used properly, will provide the basis for proper land use change decisions and development while protecting the natural resource base of the county. It should not be used in place of detailed environmental and/or engineering studies that are warranted under most circumstances, but in conjunction with those studies.

The conclusions of this report in no way indicate that a certain land use is not possible, but it should alert the reader to possible problems that may occur if the capabilities of the land are ignored. Any questions on the technical data supplied in this report or if anyone feels that they would like to see more additional specific information to make the report more effective, please contact:

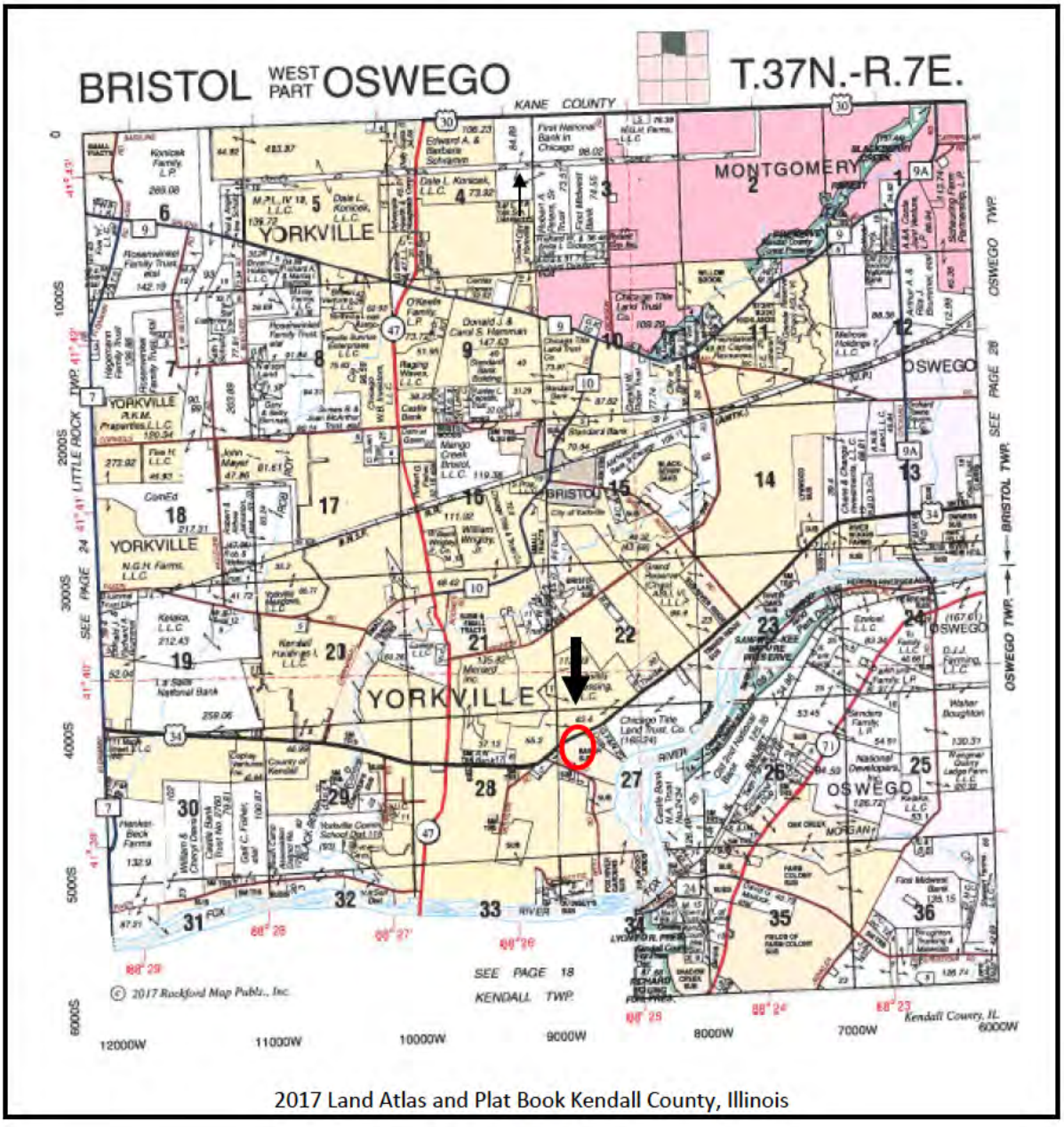
Kendall County Soil and Water Conservation District
7775A Route 47, Yorkville, IL 60560
Phone: (630) 553-5821 ext. 3
FAX: (630) 553-7442
E-mail: Megan.Andrews@il.nacdnet.net

PARCEL LOCATION

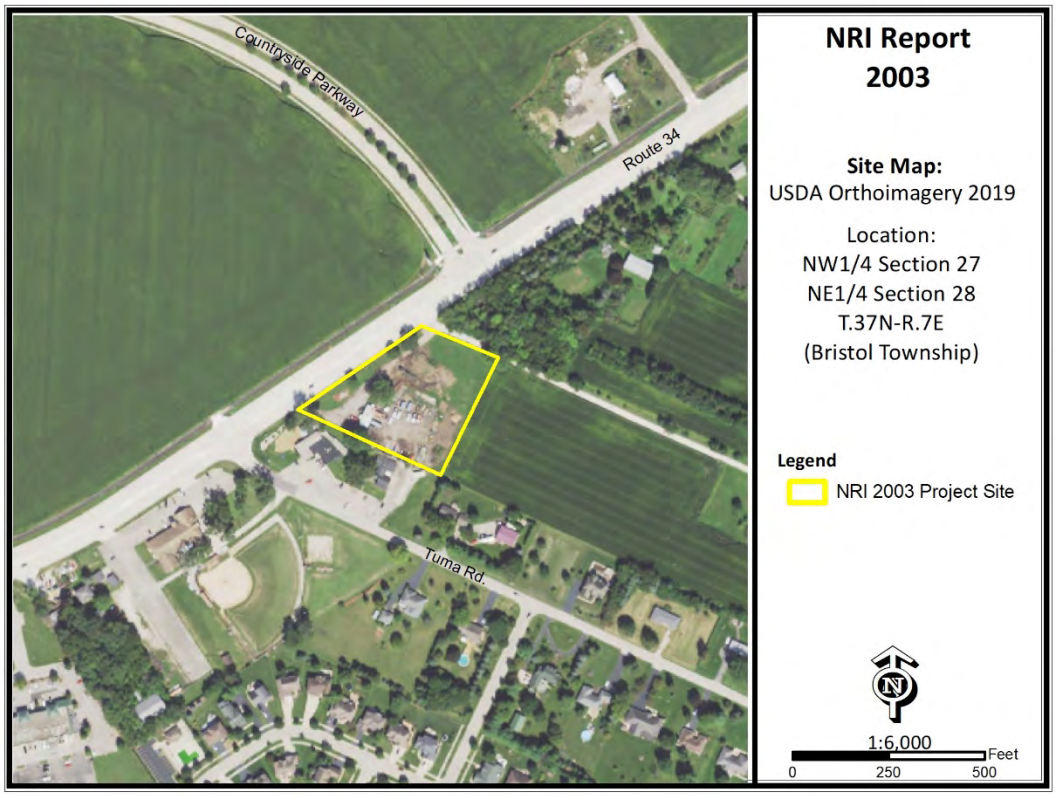
Location Map for Natural Resources Information Report # 2003

NW¼ Section 27 and NE¼ Section 28 of Township 37 North, Range 7 East (Bristol Township) on 2.5 acres. This parcel is located on the south side of Route 34 and southeast of the intersection of Route 34 and Tuma Road. The parcel is located in unincorporated Kendall County.

Figure 1: 2017 Plat Map and 2017 Aerial Map with NRI Site Boundary



2017 Land Atlas and Plat Book Kendall County, Illinois



ARCHAEOLOGIC/CUTURAL RESOURCES

Simply stated, cultural resources are all the past activities and accomplishments of people. They include the following: buildings; objects made or used by people; locations; and less tangible resources, such as stories, dance forms, and holiday traditions. The Soil and Water Conservation District most often encounters cultural resources as historical properties. These may be prehistoric or historical sites, buildings, structures, features, or objects. The most common type of historical property that the Soil and Water Conservation District may encounter is non-structural archaeological sites. These sites often extend below the soil surface, and must be protected against disruption by development or other earth moving activity if possible. Cultural resources are *non-renewable* because there is no way to "grow" a site to replace a disrupted site.

Landowners with historical properties on their land have ownership of that historical property. However, the State of Illinois owns all of the following: human remains, grave markers, burial mounds, and artifacts associated with graves and human remains.

Non-grave artifacts from archaeological sites and historical buildings are the property of the landowner. The landowner may choose to disturb a historical property, but may not receive federal or state assistance to do so. If an earth moving activity disturbs human remains, the landowner must contact the county coroner within 48 hours.

The Illinois Historic Preservation Agency has not been notified of the proposed land use change by the Kendall County SWCD. The applicant may need to contact the IHPA according to current Illinois law.

ECOLOGICALLY SENSITIVE AREAS

What is Biological Diversity and Why Should it be Conserved?[1]

Biological diversity, or biodiversity, is the range of life on our planet. A more thorough definition is presented by botanist Peter H. Raven: "At the simplest level, biodiversity is the sum total of all the plants, animals, fungi and microorganisms in the world, or in a particular area; all of their individual variation; and all of the interactions between them. It is the set of living organisms that make up the fabric of the planet Earth and allow it to function as it does, by capturing energy from the sun and using it to drive all of life's processes; by forming communities of organisms that have, through the several billion years of life's history on Earth, altered the nature of the atmosphere, the soil and the water of our Planet; and by making possible the sustainability of our planet through their life activities now." (Raven 1994)

It is not known how many species occur on our planet. Presently, about 1.4 million species have been named. It has been estimated that there are perhaps 9 million more that have not been identified. What is known is that they are vanishing at an unprecedented rate. Reliable estimates show extinction occurring at a rate several orders of magnitude above "background" in some ecological systems. (Wilson 1992, Hoose 1981)

The reasons for protecting biological diversity are complex, but they fall into four major categories.

First, loss of diversity generally weakens entire natural systems. Healthy ecosystems tend to have many natural checks and balances. Every species plays a role in maintaining this system. When simplified by the loss of diversity, the system becomes more susceptible to natural and artificial perturbations. The chances of a system-wide collapse increase. In parts of the midwestem United States, for example, it was only the remnant areas of natural prairies that kept soil intact during the dust bowl years of the 1930s. (Roush 1982)

Simplified ecosystems are almost always expensive to maintain. For example, when synthetic chemicals are relied upon to control pests, the target species are not the only ones affected. Their predators are almost always killed or driven away, exasperating the pest problem. In the meantime, people are unintentionally breeding pesticide-resistant pests. A process has begun where people become perpetual guardians of the affected area, which requires the expenditure of financial resources and human ingenuity to keep the system going.

A second reason for protecting biological diversity is that it represents one of our greatest untapped resources. Great benefits can be reaped from a single species. About 20 species provide 90% of the world's food. Of these 20, just three, wheat, maize and rice-supply over one half of that food. American wheat farmers need new varieties every five to 15 years to compete with pests and diseases. Wild strains of wheat are critical genetic reservoirs for these new varieties.

Further, every species is a potential source of human medicine. In 1980, a published report identified the market value of prescription drugs from higher plants at over $3 billion. Organic alkaloids, a class of chemical compounds used in medicines, are found in an estimated 20% of plant species. Yet only 2% of plant species have been screened for these compounds. (Hoose 1981)

The third reason for protecting diversity is that humans benefit from natural areas and depend on healthy ecosystems. The natural world supplies our air, our water, our food and supports human economic activity. Further, humans are creatures that evolved in a diverse natural environment between forest and

[1]Taken from *The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities*, prepared by the Nature Conservancy Great Lakes Program 79W. Monroe Street, Suite 1309, Chicago, IL 60603, January 1994

grasslands. People need to be reassured that such places remain. When people speak of "going to the country," they generally mean more than getting out of town. For reasons of their own sanity and well being, they need a holistic, organic experience. Prolonged exposure to urban monotony produces neuroses, for which cultural and natural diversity cure.

Historically, the lack of attention to biological diversity, and the ecological processes it supports, has resulted in economic hardships for segments of the basin's human population.

The final reason for protecting biological diversity is that species and natural systems are intrinsically valuable. The above reasons have focused on the benefits of the natural world to humans. All things possess intrinsic value simply because they exist.

Biological Resources Concerning the Subject Parcel

As part of the Natural Resources Information Report, staff checks office maps to determine if any nature preserves are in the general vicinity of the parcel in question. If there is a nature preserve in the area, then that resource will be identified as part of the report. The SWCD recommends that every effort be made to protect that resource. Such efforts should include, but are not limited to erosion control, sediment control, stormwater management, and groundwater monitoring.

Office maps indicate that ecologically sensitive area(s), Fox River, Saw-Wee-Kee Nature Preserve, Lyon Forest Preserve and Richard Young Forest Preserve are located near the parcel in question (PIQ).

SOILS INFORMATION

Importance of Soils Information

Soils information comes from the Natural Resources Conservation Service Soil Maps and Descriptions for Kendall County. This information is important to all parties involved in determining the suitability of the proposed land use change.

Each soil polygon is given a number, which represents its soil type. The letter found after the soil type number indicates the soils slope class.

Each soil map unit has limitations for a variety of land uses such as septic systems, buildings with basements, and buildings without basements. It is important to remember that soils do not function independently of each other. The behavior of a soil depends upon the physical properties of adjacent soil types, the presence of artificial drainage, soil compaction, and its position in the local landscape.

The limitation categories (slight, moderate or severe) indicate the potential for difficulty in using that soil unit for the proposed activity and, thus, the degree of need for thorough soil borings and engineering studies. A limitation does not necessarily mean that the proposed activity cannot be done on that soil type. It does mean that the reasons for the limitation need to be thoroughly understood and dealt with in order to complete the proposed activity successfully. A severe limitation indicates that the proposed activity will be more difficult and costly to do on that soil type than on a soil type with a moderate or slight rating.

Soil survey interpretations are predictions of soil behavior for specified land uses and specified management practices. They are based on the soil properties that directly influence the specified use of the soil. Soil survey interpretations allow users of soil surveys to plan reasonable alternatives for the use and management of soils.

Soil interpretations do not eliminate the need for on-site study and testing of specific sites for the design and construction for specific uses. They can be used as a guide for planning more detailed investigations and for avoiding undesirable sites for an intended use. The scale of the maps and the range of error limit the use of the soil delineation.

Figure 2: Soil Map

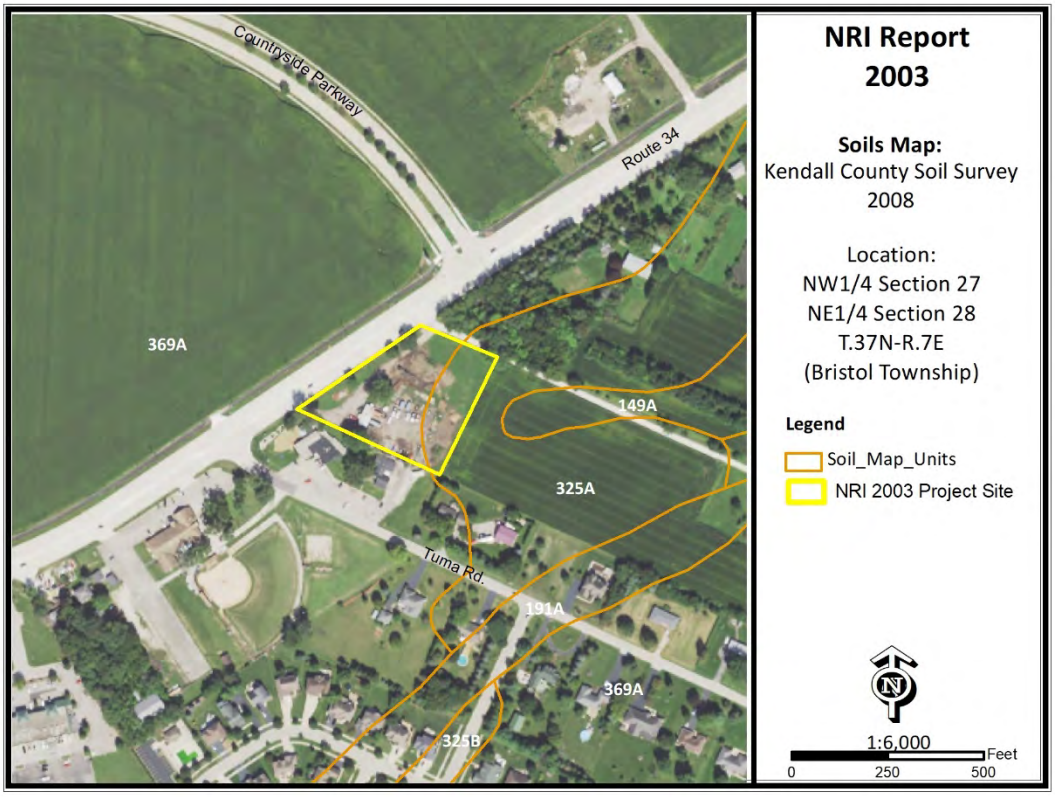


Table 1: Soil Map Unit Descriptions

Symbol	Descriptions	Acres	Percent
325A	Dresden silt loam, 0-2% slopes	0.8	32%
369A	Waupecan silt loam, 0-2% slopes	1.7	68%

*SOURCE: National Cooperative Soil Survey – USDA-NRCS

SOIL INTERPRETATIONS EXPLANATION

Nonagricultural

General

These interpretative ratings help engineers, planners, and others to understand how soil properties influence behavior when used for nonagricultural uses such as building site development or construction materials. This report gives ratings for proposed uses in terms of limitations and restrictive features. The tables list only the most restrictive features.

Other features may need treatment to overcome soil limitations for a specific purpose. Ratings come from the soil's "natural" state, that is, no unusual modification occurs other than that which is considered normal practice for the rated use. Even though soils may have limitations, an engineer may alter soil features or adjust building plans for a structure to compensate for most degrees of limitations. Most of these practices, however, are costly. The final decision in selecting a site for a particular use generally involves weighing the costs for site preparation and maintenance. Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, performance after construction, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for the types of

proposed improvements that are listed or inferred by the petitioner as entered on the report application and/or zoning petition. The most common types of building limitation that this report gives limitations ratings for is: septic systems. It is understood that engineering practices can overcome most limitations for buildings with and without basements, and small commercial buildings. Limitation ratings for these types of buildings are not commonly provided. Organic soils, when present on the parcel, are referenced in the hydric soils section of the report. This type of soil is considered to be unsuitable for all types of construction.

Limitations Ratings

1. ***Not Limited*** - This soil has favorable properties for the use. The degree of limitation is minor. The people involved can expect good performance and low maintenance.
2. ***Somewhat Limited*** - This soil has moderately favorable properties for the use. Special planning, design, or maintenance can overcome this degree of limitation. During some part of the year, the expected performance is less desirable than for soils rated slight.
3. ***Very Limited*** - This soil has one or more properties that are unfavorable for the rated use. These may include the following: steep slopes, bedrock near the surface, flooding, high shrink-swell potential, a seasonal high water table, or low strength. This degree of limitation generally requires major soil reclamation, special design, or intensive maintenance, which in most situations is difficult and costly.

BUILDING LIMITATIONS

Building on Poorly Suited or Unsuitable Soils: Can present problems to future property owners such as cracked foundations, wet basements, lowered structural integrity and high maintenance costs associated with these problems. The staff of the Kendall County SWCD strongly urges scrutiny by the plat reviewers when granting parcels with these soils exclusively.

Small Commercial Building - Ratings are for structures that are less than three stories high and do not have basements. The foundation is is assumed to be spread footings of reinforced concrete built on disturbed soil at a depth of 2 feet or at the depth of maximum frost penetration, whichever is deeper. The ratings are based on soil properties that affect the capacity of the soil to support a load without movement and on the properties that affect excavation and construction costs.

Shallow Excavations - Trenches or holes dug to a maximum depth of 5 or 6 feet for utility lines, open ditches or other purposes. Ratings are based on soil properties that influence the ease of digging and the resistance to sloughing.

Lawns and Landscaping - Require soils on which turf and ornamental trees and shrubs can be established and maintained (irrigation is not considered in the ratings). The ratings are based on the soil properties that affect plant growth and trafficability after vegetation is established.

Local Roads and Streets - They have an all-weather surface and carry automobile and light truck traffic all year. They have a subgrade of cut or fill soil material, a base of gravel, crushed rock or soil material stablilized by lime or cement; and a surface of flexible material (asphalt), rigid material (concrete) or gravel with a binder. The ratings are based on the soil properties that affect the east of excavation and grading and the traffic-supporting capacity.

Onsite Sewage Disposal – The factors considered are the characteristics and qualities of the soil that affect the limitations for absorbing waste from domestic sewage disposal systems. The major features considered are soil permeability, percolation rate, groundwater level, depth to bedrock, flooding hazards, and slope. The table below indicates soils that are deemed unsuitable per the Kendall County Subdivision Control Ordinance. Installation of an

on-site sewage disposal system in soils designated as unsuitable may necessitate the installation of a non-conventional onsite sewage disposal system. For more information please contact the Kendall County Health Department – Environmental Health at (630)553-9100 x8026

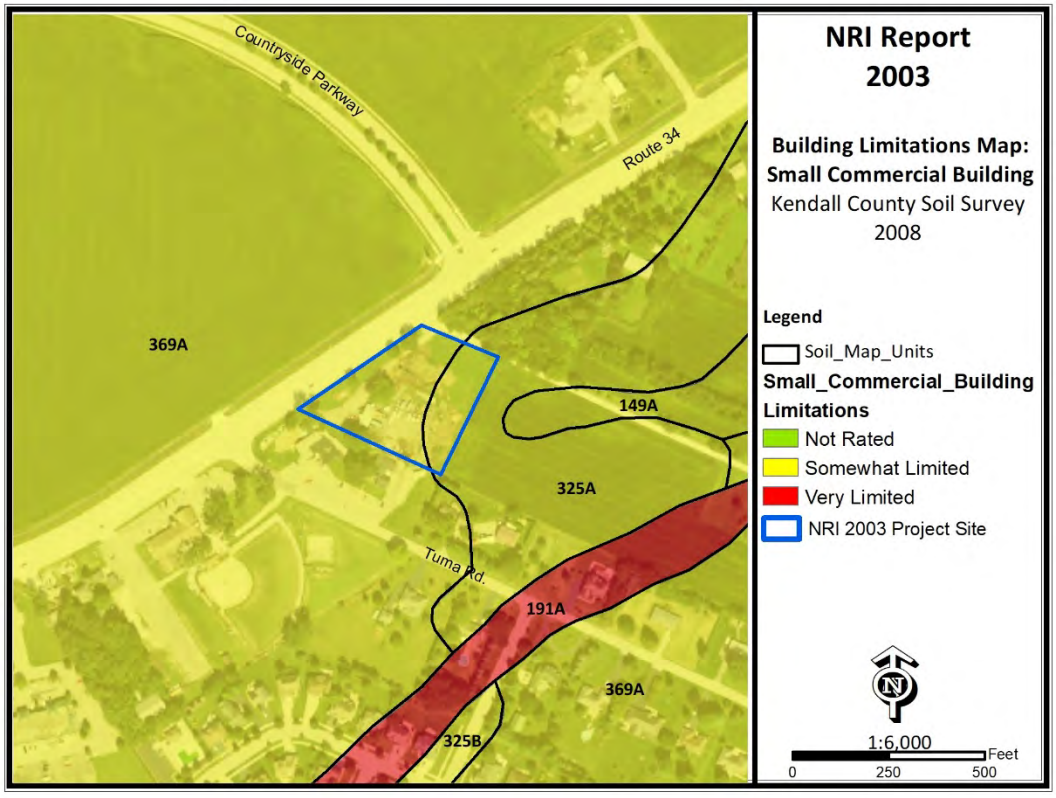
Table 2a: Building Limitations

Soil Type	Small Commercial Building	Shallow Excavation	Lawns/Landscaping	Acres	%
325A	**Somewhat Limited:** Shrink-swell	**Somewhat Limited:** Dusty; Unstable Excavation Walls	**Somewhat Limited**: Dusty	0.8	32%
369A	**Somewhat Limited:** Shrink-swell	**Somewhat Limited:** Dusty; Unstable Excavation Walls	**Somewhat Limited:** Dusty	1.7	68%
% Very Limited	**0%**	**0%**	**0%**		

Table 2b: Building Limitations

Soil Type	Local Roads & Streets	Onsite Conventional Sewage Systems	Acres	%
325A	**Somewhat Limited**: Low strength; Frost action; Shrink-swell	**Unsuitable:** Gravel	0.8	32%
369A	**Very Limited:** Frost action; Low Strength; Shrink-swell	**Suitable**	1.7	68%
% Very Limited	**68%**	**68%**		

Figure 3a: Map of Building Limitations – Small Commercial Building



SOIL WATER FEATURES

This table gives estimates of various soil water features that should be taken into consideration when reviewing engineering for a land use project.

Hydrologic Soil Groups (HSGs): The groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

Group A: Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B: Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C: Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D: Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Note: If a soil is assigned to a dual hydrologic group (A/D, B/D or C/D) the first letter is for drained areas and the second is for undrained areas.

Surface Runoff: Refers to the loss of water from an area by flow over the land surface. Surface runoff classes are based upon slope, climate and vegetative cover and indicates relative runoff for very specific conditions (it is assumed that the surface of the soil is bare and that the retention of surface water resulting from irregularities in the ground surface is minimal). The classes are: negligible, very low, low, medium, high and very high.

Months: Indicates the portion of the year in which a water table, ponding, and/or flooding is most likely to be a concern.

Water Table: Refers to a saturated zone in the soil and the data indicates, by month, depth to the top (upper limit) and base (lower limit) of the saturated zone in most years. These estimates are based upon observations of the water table at selected sites and on evidence of a saturated zone (grayish colors or mottles (redoximorphic features)) in the soil. Note: A saturated zone that lasts for less than a month is not considered a water table.

Ponding: Refers to standing water in a closed depression and the data indicates surface water depth, duration and frequency of ponding.

Duration: Expressed as *very brief* if less than 2 days, *brief* is 2 to 7 days, *long* if 7 to 30 days and *very long* if more than 30 days.

Frequency: Expressed as: *none* meaning ponding is not possible; *rare* means unlikely but possible under unusual weather conditions (chance of ponding is 0-5% in any year); *occasional* means that it occurs, on the average, once or less in 2 years (chance of ponding is 5 to 50% in any year); and frequent means that it occurs, on the average, more than once in 2 years (chance of ponding is more than 50% in any year).

Flooding: The temporary inundation of an area caused by overflowing streams, by runoff from adjacent slopes, or by tides. Water standing for short periods after rainfall or snowmelt is not considered flooding, and water standing in swamps and marshes is considered ponding rather than flooding.

Duration: Expressed as: *extremely brief* if 0.1 hour to 4 hours; *very brief* if 4 hours to 2 days; *brief* if 2 to 7 days; *long* if 7 to 30 days; and *very long* if more than 30 days.

Frequency: Expressed as: *none* means flooding is not probable; *very rare* means that it is very unlikely but possible under extremely unusual weather conditions (chance of flooding is less than 1% in any year); *rare* means that it is unlikely but possible under unusual weather conditions (chance of flooding is 1 to 5% in any year); *occasional* means that it occurs infrequently under normal weather conditions (chance of

flooding is 5 to 50% in any year but is less than 50% in all months in any year); and *very frequent* means that it is likely to occur very often under normal weather conditions (chance of flooding is more than 50% in all months of any year).
Note: The information is based on evidence in the soil profile. In addition, consideration is also given to local information about the extent and levels of flooding and the relation of each soil on the landscape to historic floods. Information on the extent of flooding based on soil data is less specific than that provided by detailed engineering surveys that delineate flood-prone areas at specific flood frequency levels.

Table 3: Water Features

Map Unit	Hydrologic Group	Surface Runoff	Water Table	Ponding	Flooding
325A	B	Low	January – Dec Upper Limit: -- Lower Limit: --	January - Dec Surface Water Depth & Duration: -- Frequency: None	January - Dec Duration: -- Frequency: None
369A	B	Low	January – Dec Upper Limit: -- Lower Limit: --	January - Dec Surface Water Depth & Duration: -- Frequency: None	January - May Duration: -- Frequency: None

SOIL EROSION & SEDIMENT CONTROL

Erosion is the wearing away of the soil by water, wind, and other forces. Soil erosion threatens the Nation's soil productivity and contributes the most pollutants in our waterways. Water causes about two thirds of erosion on agricultural land. Four properties, mainly, determine a soil's erodibility: texture, slope, structure, organic matter content.

Slope has the most influence on soil erosion potential when the site is under construction. Erosivity and runoff increase as slope grade increases. The runoff then exerts more force on the particles, breaking their bonds more readily and carrying them farther before deposition. The longer water flows along a slope before reaching a major waterway, the greater the potential for erosion.

Soil erosion during and after this proposed construction can be a primary non-point source of water pollution. Eroded soil during the construction phase can create unsafe conditions on roadways, decrease the storage capacity of lakes, clog streams and drainage channels, cause deterioration of aquatic habitats, and increase water treatment costs. Soil erosion also increases the risk of flooding by choking culverts, ditches and storm sewers, and by reducing the capacity of natural and man-made detention facilities.

The general principles of erosion and sedimentation control measures include:

- reducing or diverting flow from exposed areas, storing flows or limiting runoff from exposed areas,
- staging construction in order to keep disturbed areas to a minimum,
- establishing or maintaining or temporary or permanent groundcover,
- retaining sediment on site and
- properly installing, inspecting and maintaining control measures.

Erosion control practices are useful controls only if they are properly located, installed, inspected and maintained.
The SWCD recommends an erosion and sediment control plan for all building sites, especially if there is a wetland or stream nearby

Table 4: Soil Erosion Potential

Soil Type	Slope	Rating	Acreage	Percent of Parcel
325A	0-2%	Slight	0.8	32%
369A	0-2%	Slight	1.7	68%

PRIME FARMLAND SOILS

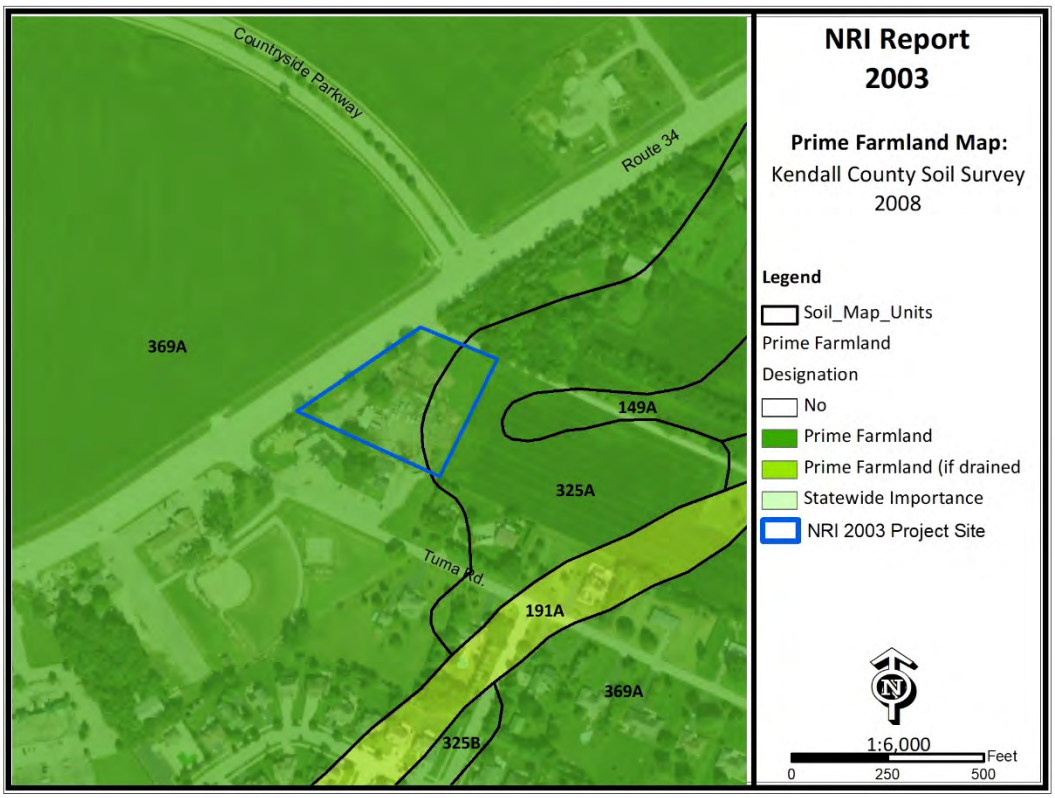
Prime farmland soils are an important resource to Kendall County. Some of the most productive soils in the United States occur locally. Each soil map unit in the United States is assigned a prime or non-prime rating. Prime agricultural land does not need to be in the production of food & fiber.

Section 310 of the NRCS general manual states that urban or built-up land on prime farmland soils is not prime farmland. The percentages of soils map units on the parcel reflect the determination that urban or built up land on prime farmland soils is not prime farmland.

Table 5: Prime Farmland Soils

Soil Types	Prime Designation	Acreage	Percent
325A	Prime Farmland	0.8	32%
369A	Prime Farmland	1.7	68%
% Prime Farmland	100%		

Figure 4: Map of Prime Farmland Soils



LAND EVALUATION & SITE ASSESSMENT (LESA)

Decision-makers in Kendall County use the Land Evaluation and Site Assessment (LESA) system to determine the suitability of a land use change and/or a zoning request as it relates to agricultural land. The LESA system was developed by the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) and takes into consideration local conditions such as physical characteristics of the land, compatibility of surrounding land-uses, and urban growth factors. The LESA system is a two-step procedure that includes:

LAND EVALUATION (LE) – The soils of a given area are rated and placed in groups ranging from the best to worst suited for a stated agriculture use, cropland or forestland. The best group is assigned a value of 100 and all other groups are assigned lower values. The Land

Evaluation is based on data from the Kendall County Soil Survey. The Kendall County Soil and Water Conservation District is responsible for this portion of the LESA system.

SITE ASSESSMENT (SA) – The site is numerically evaluated according to important factors that contribute to the quality of the site. Each factor selected is assigned values in accordance with the local needs and objectives. The Kendall County LESA Committee is responsible for this portion of the LESA system.

The value group is a predetermined value based upon prime farmland designation. The LE score is calculated by multiplying the relative value of each soil type by the number of acres of that soil. The sum of the products is then divided by the total number of acres; the answer is the Land Evaluation score on this site.

Please Note: A land evaluation (LE) score will be compiled for every project parcel. However, when a parcel is located within municipal planning boundaries, a site assessment score is not compiled as the scoring factors are not applicable. As a result, only the LE score is available and a full LESA score is unavailable for the parcel.

Table 6a: Land Evaluation Computation

Soil Type	Value Group	Relative Value	Acres	Product (Relative Value x Acres)
325A	4	79	0.8	63.2
369A	2	94	1.7	159.8
Totals			**2.5**	**223.0**
LE Score		**LE= 223.0/2.5**		**LE=89**

The Land Evaluation score for this site is 89, indicating that this site is currently designated as prime farmland that is well suited for agricultural uses.

Table 6b: Site Assessment Computation

A.	**Agricultural Land Uses**	**Points**
	1. Percentage of area in agricultural uses within 1.5 miles of site. (20-10-5-0)	0
	2. Current land use adjacent to site. (30-20-15-10-0)	20
	3. Percentage of site in agricultural production in any of the last 5 years. (20-15-10-5-0)	0
	4. Size of site. (30-15-10-0)	0
B.	**Compatibility / Impact on Uses**	
	1. Distance from city or village limits. (20-10-0)	0
	2. Consistency of proposed use with County Land Resource Management Concept Plan and/or municipal comprehensive land use plan. (20-10-0)	0
	3. Compatibility of agricultural and non-agricultural uses. (15-7-0)	0
C.	**Existence of Infrastructure**	
	1. Availability of public sewage system. (10-8-6-0)	0
	2. Availability of public water system. (10-8-6-0)	0
	3. Transportation systems. (15-7-0)	0
	4. Distance from fire protection service. (10-8-6-2-0)	6
	Site Assessment Score:	**26**

Land Evaluation Value: 89 + **Site Assessment Value:** 26 = **LESA Score: 115**

LESA SCORE	LEVEL OF PROTECTION
0-200	Low
201-225	Medium
226-250	High
251-300	Very High

The **LESA Score for this site is 115 which indicates a medium level of protection** for the proposed project site. Note: Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County.

LAND USE PLANS

Many counties, municipalities, villages and townships have developed land-use plans. These plans are intended to reflect the existing and future land-use needs of a given community. Please contact the Kendall County Planning, Building & Zoning for information regarding the County's comprehensive land use plan and map.

DRAINAGE, RUNOFF AND FLOOD INFORMATION

U.S.G.S Topographic maps give information on elevations, which are important mostly to determine slopes, drainage directions, and watershed information.

Elevations determine the area of impact of floods of record. Slope information determines steepness and erosion potential. Drainage directions determine where water leaves the PIQ, possibly impacting surrounding natural resources.

Watershed information is given for changing land use to a subdivision type of development on parcels greater than 10 acres.

What is a watershed?

Simply stated, a watershed is the area of land that contributes water to a certain point. The watershed boundary is important because the area of land in the watershed can now be calculated using an irregular shape area calculator such as a dot counter or planimiter.

Using regional storm event information, and site specific soils and land use information, the peak stormwater flow through the point marked "○" for a specified storm event can be calculated. This value is called a "Q" value (for the given storm event), and is measured in cubic feet per second (CFS).

When construction occurs, the Q value naturally increases because of the increase in impermeable surfaces. This process decreases the ability of soils to accept and temporarily hold water. Therefore, more water runs off and increases the Q value.

Theoretically, if each development, no matter how large or small, maintains their preconstruction Q value after construction by the installation of stormwater management systems, the streams and wetlands and lakes will not suffer damage from excessive urban stormwater.

For this reason, the Kendall County SWCD recommends that the developer for intense uses such as a subdivision calculate the preconstruction Q value for the exit point(s). A stormwater management system should be designed, installed, and maintained to limit the postconstruction Q value to be at or below the preconstruction value.

Importance of Flood Information

A floodplain is defined as land adjoining a watercourse (riverine) or an inland depression (non-riverine) that is subject to periodic inundation by high water. Floodplains are important areas demanding protection since they have water storage and conveyance functions which affect upstream and down stream flows, water quality and quantity, and suitability of the land for human activity. Since floodplains play distinct and vital roles in the hydrologic cycle, development that interferes with their hydrologic and biologic functions should be carefully considered.

Flooding is both dangerous to people and destructive to their properties. The following maps, when combined with wetland and topographic information, can help developers and future homeowners to "sidestep" potential flooding or ponding problems.

FIRM is the acronym for the Flood Insurance Rate Map, produced by the Federal Emergency Management Agency. These maps define flood elevation adjacent to tributaries and major bodies of water, and superimpose that onto a

simplified USGS topographic map. The scale of the FIRM maps is generally dependent on the size and density of parcels in that area. (This is to correctly determine the parcel location and flood plain location.) The FIRM map has three (3) zones. A is the zone of 100 year flood, zone B is the 100 to 500 year flood, and zone C is outside the flood plain.

The Hydrologic Atlas (H.A.) Series of the Flood of Record Map is also used for the topographic information. This map is different from the FIRM map mainly because it will show isolated, or pocketed flooded areas. Kendall County uses both these maps in conjunction with each other for flooded area determinations. The Flood of Record maps, show the areas of flood for various years. Both of these maps stress that the recurrence of flooding is merely statistical. That is to say a 100-year flood may occur twice in one year, or twice in one week, for that matter.

It should be noted that greater floods than those shown on the two maps are possible. The flood boundaries indicated provide a historic record only until the map publication date. Additionally, these flood boundaries are a function of the watershed conditions existing when the maps were produced. Cumulative changes in runoff characteristics caused by urbanization can result in an increase in flood height of future flood episodes.

Floodplains play a vital role in reducing the flood damage potential associated with an urbanizing area and, when left in an undisturbed state, also provide valuable wildlife habitat benefits. If it is the petitioner's intent to conduct floodplain filling or modification activities, the petitioner and the Unit of Government responsible need to consider the potentially adverse effects this type of action could have on adjacent properties. The change or loss of natural floodplain storage often increases the frequency and severity of flooding on adjacent property.

If the available maps indicate the presence of a floodplain on the PIQ, the petitioner should contact the IDOT-DWR and FEMA to delineate a floodplain elevation for the parcel. If a portion of the property is indeed floodplain, applicable state, county and local regulations will need to be reflected in the site plans.
Another indication of flooding potential can be found in the soils information. Hydric soils indicate the presence of drainageways, areas subject to ponding, or a naturally occurring high water table. These need to be considered along with the floodplain information when developing the site plan and the stormwater management plan. If the site does include these hydric soils and development occurs, thus raising the concerns of the loss of water storage in these soils and the potential for increased flooding in the area.

This parcel is located on topography (**slopes 0 to 2%**) involving high and low areas (**elevation is approximately 640' above sea level**). The parcel lies within the **Fox River Watershed.** The topographic map indicates that the parcel drains predominately southeast.

Figure 5: FEMA Floodplain Map

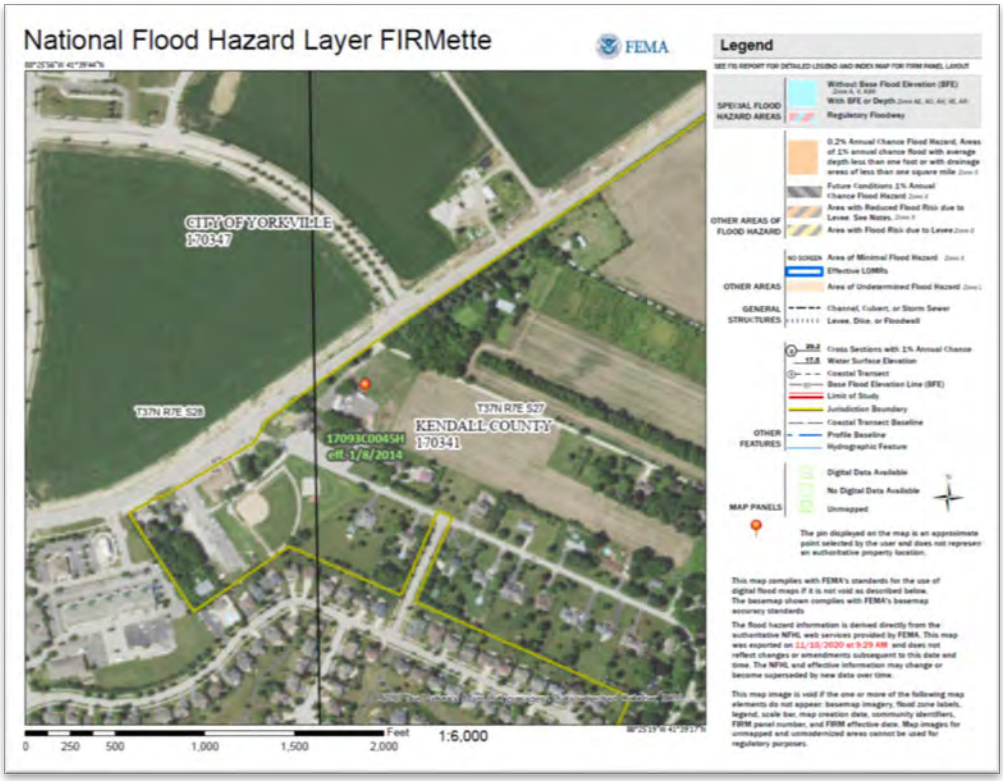
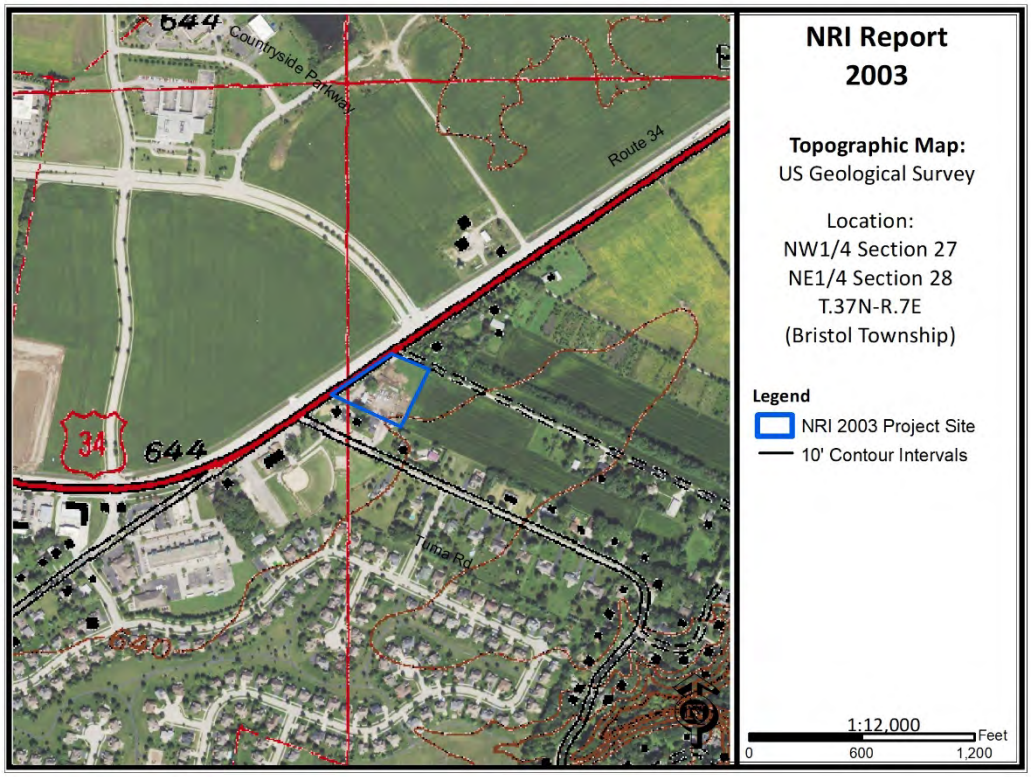


Figure 6: USGS Topographic Map



WATERSHED PLANS

Watershed and Subwatershed Information

A watershed is the area of land that drains into a specific point including a stream, lake or other body of water. High points on the Earth's surface, such as hills and ridges define watersheds. When rain falls in the watershed, it flows across the ground towards a stream or lake. Rainwater carries any pollutants it comes in contact with such as oils, pesticides, and soil. Everyone lives in a watershed. Their actions can impact natural resources and people living downstream. Residents can minimize this impact by being aware of their environment and implications of their activities, implementing practices recommended in watershed plans and educating others about their watershed.

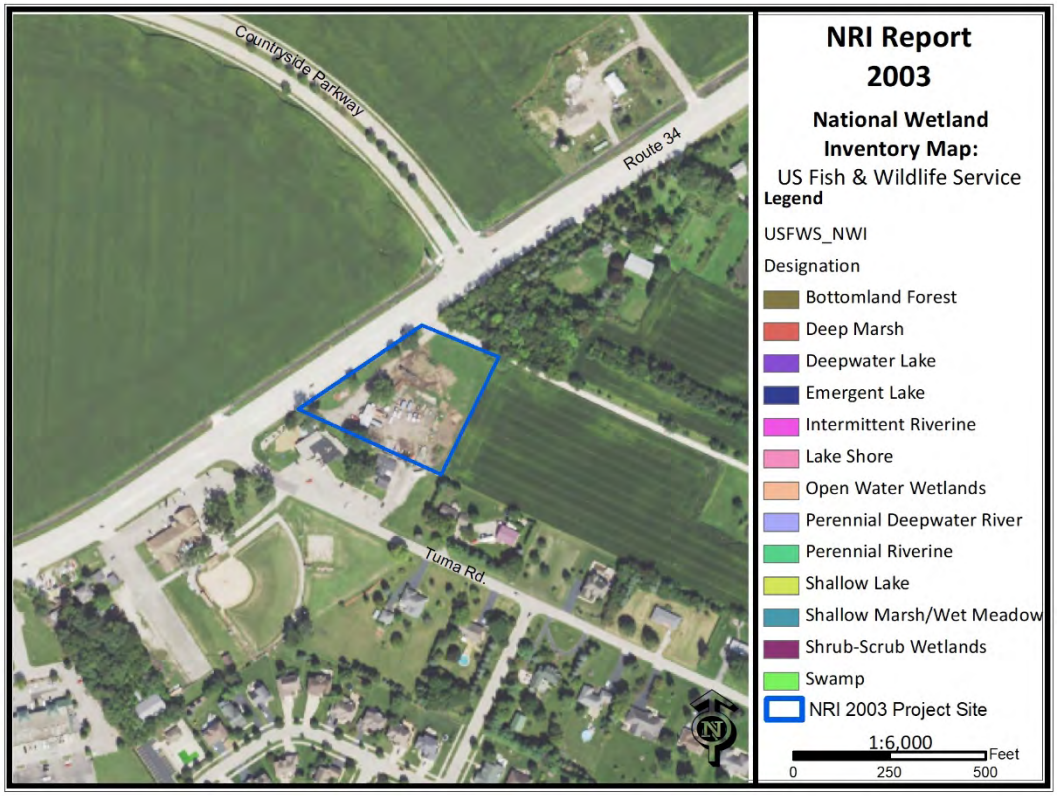
This parcel is located within the **Fox River Watershed.**

The following are recommendations to developers for protection of this watershed:

-Preserve open space.
-Maintain wetlands as part of development.
-Use natural water management.
-Prevent soil from leaving a construction site.
-Protect subsurface drainage.
-Use native vegetation.
-Retain natural features.
-Mix housing styles and types.
-Decrease impervious surfaces.
-Reduce area disturbed by mass grading.
-Shrink lot size and create more open space.
-Maintain historical and cultural resources.
-Treat water where it falls.
-Preserve views.
-Establish and link trails.

WETLAND INFORMATION

Figure 7: Wetland Map – USFWS National Wetland Inventory



Office maps indicate that wetlands **are not** present on the parcel in question (PIQ).

Importance of Wetland Information

Wetlands function in many ways to provide numerous benefits to society. They control flooding by offering a slow release of excess water downstream or through the soil. They cleanse water by filtering out sediment and some pollutants, and can function as rechargers of our valuable groundwater. They also are essential breeding, rearing, and feeding grounds for many species of wildlife.

These benefits are particularly valuable in urbanizing areas as development activity typically adversely affects water quality, increases the volume of stormwater runoff, and increases the demand for groundwater. In an area where many individual homes rely on shallow groundwater wells for domestic water supplies, activities that threaten potential groundwater recharge areas are contrary to the public good. The conversion of wetlands, with their sediment trapping and nutrient absorbing vegetation, to biologically barren stormwater detention ponds can cause additional degradation of water quality in downstream or adjacent areas.

It has been estimated that over 95% of the wetlands that were historically present in Illinois have been destroyed while only recently has the true environmental significance of wetlands been fully recognized. America is losing 100,000 acres of wetland a year, and has saved 5 million acres total (since 1934). One acre of wetland can filter 7.3 million gallons of water a year. These are reasons why our wetlands are high quality and important.

This section contains the NRCS (Natural Resources Conservation Service) Wetlands Inventory, which is the most comprehensive inventory to date. The NRCS Wetlands Inventory is reproduced from an aerial photo at a scale of 1" equals 660 feet. The NRCS developed these maps in cooperation with U.S. EPA (Environmental Protection Agency,) and the U.S. Fish and Wildlife Service, using the National Food Security Act Manual, 3rd Edition. The main purpose of these maps is to determine wetland areas on agricultural fields and areas that may be wetlands but are in a non-agriculture setting.

The NRCS Wetlands Inventory in no way gives an exact delineation of the wetlands, but merely an outline, or the determination that there is a wetland within the outline. For the final, most accurate wetland **determination** of a specific wetland, a wetland ***delineation*** must be certified by NRCS staff using the National Food Security Act Manual (on agricultural land.) On urban land, a certified wetland delineator must perform the delineation using the ACOE 1987 Manual. *See the glossary section for the definitions of "delineation" and "determination.*

Hydric Soils

Soils information gives another indication of flooding potential. The soils map on this page indicates the soil(s) on the parcel that the Natural Resources Conservation Service indicates as hydric. Hydric soils by definition have seasonal high water at or near the soil surface and/or have potential flooding or ponding problems. All hydric soils range from poorly suited to unsuitable for building. One group of the hydric soils, are the organic soils, which formed from dead organic material. Organic soils are unsuitable for building because of not only the high water table, but also their subsidence problems.

It is also important to add the possibility of hydric inclusions in a soil type. An inclusion is a soil polygon that is too small to appear on these maps. While relatively insignificant for agricultural use, hydric soil inclusions become more important to more intense uses such as a residential subdivision.

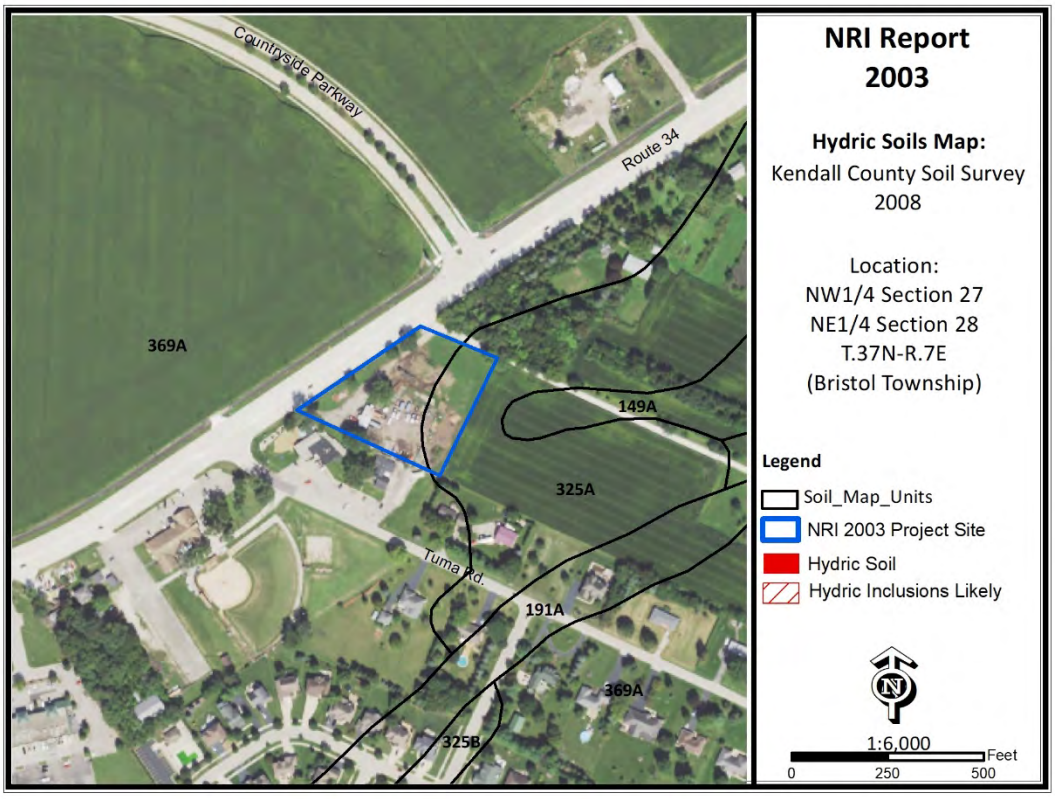
While considering hydric soils and hydric inclusions, it is noteworthy to mention that subsurface agriculture drainage tile occurs in almost all poorly drained and somewhat poorly drained soils. Drainage tile expedites drainage and facilitates farming. It is imperative that these drainage tiles remain undisturbed. A damaged subsurface drainage tile may return original hydrologic conditions to all of the areas that drained through the tile (ranging from less than one acre to many square miles.)

For an intense land use, such as a subdivision, the Kendall County SWCD recommends the following: a topographical survey with 1 foot contour intervals to accurately define the flood area on the parcel, an intensive soil survey to define most accurately the locations of the hydric soils and inclusions and a drainage tile survey on the area to locate the tiles that must be preserved to maintain subsurface drainage .

Table 7: Hydric Soils

Soil Types	Drainage Class	Hydric Designation	Hydric Inclusions Likely	Acreage	Percent
325A	Well Drained	Non-hydric	No	0.8	32%
369A	Well Drained	Non-hydric	No	1.7	68%

Figure 8: Hydric Soils Map



WETLAND AND FLOODPLAIN REGULATIONS

PLEASE READ THE FOLLOWING IF YOU ARE PLANNING TO DO ANY WORK NEAR A STREAM (THIS INCLUDES SMALL UNNAMED STREAMS), LAKE, WETLAND OR FLOODWAY.

The laws of the United States and the State of Illinois assign certain agencies specific and different regulatory roles to protect the waters within the State's boundaries. These roles, when considered together, include protection of navigation channels and harbors, protection against flood way encroachments, maintenance and enhancement of water quality, protection of fish and wildlife habitat and recreational resources, and, in general, the protection of total public interest. Unregulated use of the waters within the State of Illinois could permanently destroy or alter the character of these valuable resources and adversely impact the public. Therefore, please contact the proper regulatory authorities when planning any work associated with Illinois waters so that proper consideration and approval can be obtained.

WHO MUST APPLY

Anyone proposing to dredge, fill, rip rap, or otherwise alter the banks or beds of, or construct, operate, or maintain any dock, pier, wharf, sluice, dam, piling, wall, fence, utility, flood plain or flood way subject to State or Federal regulatory jurisdiction should apply for agency approvals.

REGULATORY AGENCIES:

- **Wetlands or U.S. Waters: U.S. Army Corps of Engineers**, Rock Island District, Clock Tower Building, Rock Island, IL
- **Flood plains: Illinois Department of Natural Resources \ Office of Water Resources**, Natural Resources Way, Springfield, IL 62702-1270.
- **Water Quality \ Erosion Control: Illinois Environmental Protection Agency**, Springfield, IL

COORDINATION

We recommend early coordination with the regulatory agencies BEFORE finalizing work plans. This allows the agencies to recommend measures to mitigate or compensate for adverse impacts. Also, the agency can make possible environmental enhancement provisions early in the project planning stages. This could reduce time required to process necessary approvals.

CAUTION: Contact with the United States Army Corps of Engineers is strongly advised before commencement of any work in or near a water of the United States. This could save considerable time and expense. Persons responsible for willful and direct violation of Section 10 of the River And Harbor Act of 1899 or Section 404 of the Federal Water Pollution Control Act are subject to fines ranging up to $27,500 per day of violation and imprisonment for up to one year or both.

GLOSSARY

AGRICULTURAL PROTECTION AREAS (AG AREAS) - Allowed by P.A. 81-1173. An AG AREA consists of a minimum of 350 acres of farmland, as contiguous and compact as possible. Petitioned by landowners, AG AREAS protect for a period of ten years initially, then reviewed every eight years thereafter. AG AREA establishment exempts landowners from local nuisance ordinances directed at farming operations, and designated land cannot receive special tax assessments on public improvements that do not benefit the land, e.g. water and sewer lines.

AGRICULTURE - The growing, harvesting and storing of crops including legumes, hay, grain, fruit and truck or vegetable including dairying, poultry, swine, sheep, beef cattle, pony and horse production, fur farms, and fish and wildlife farms; farm buildings used for growing, harvesting and preparing crop products for market, or for use on the farm; roadside stands, farm buildings for storing and protecting farm machinery and equipment from the elements, for housing livestock or poultry and for preparing livestock or poultry products for market; farm dwellings occupied by farm owners, operators, tenants or seasonal or year around hired farm workers.

B.G. - Below Grade. Under the surface of the Earth.

BEDROCK - Indicates depth at which bedrock occurs. Also lists hardness as rippable or hard.

FLOODING - Indicates frequency, duration, and period during year when floods are likely to occur.

HIGH LEVEL MANAGEMENT - The application of effective practices adapted to different crops, soils, and climatic conditions. Such practices include providing for adequate soil drainage, protection from flooding, erosion and runoff control, near optimum tillage, and planting the correct kind and amount of high quality seed. Weeds, diseases, and harmful insects are controlled. Favorable soil reaction and near optimum levels of available nitrogen, phosphorus, and potassium for individual crops are maintained. Efficient use is made of available crop residues, barnyard manure, and/or green manure crops. All operations, when combined efficiently and timely, can create favorable growing conditions and reduce harvesting losses -- within limits imposed by weather.

HIGH WATER TABLE - A seasonal high water table is a zone of saturation at the highest average depth during the wettest part of the year. May be apparent, perched, or artesian kinds of water tables.

Water Table, Apparent - A thick zone of free water in the soil. An apparent water table is indicated by the level at which water stands in an uncased borehole after adequate time is allowed for adjustment in the surrounding soil.

Water Table, Artesian - A water table under hydrostatic head, generally beneath an impermeable layer. When this layer is penetrated, the water level rises in an uncased borehole.

Water Table, Perched - A water table standing above an unsaturated zone. In places an upper, or perched, water table is separated from a lower one by a dry zone.

DELINEATION - For Wetlands: A series of orange flags placed on the ground by a certified professional that outlines the wetland boundary on a parcel.

DETERMINATION - A polygon drawn on a map using map information that gives an outline of a wetland.

HYDRIC SOIL - This type of soil is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part (USDA Natural Resources Conservation Service 1987)

INTENSIVE SOIL MAPPING - Mapping done on a smaller more intensive scale than a modern soil survey to determine soil properties of a specific site, e.g. mapping for septic suitability.

LAND EVALUATION AND SITE ASSESSMENT (L.E.S.A.) - LESA is a systematic approach for evaluating a parcel of land and to determine a numerical value for the parcel for farmland preservation purposes.

MODERN SOIL SURVEY - A soil survey is a field investigation of the soils of a specific area, supported by information from other sources. The kinds of soil in the survey area are identified and their extent shown on a map, and an accompanying report describes, defines, classifies, and interprets the soils. Interpretations predict the behavior of the soils under different used and the soils' response to management. Predictions are made for areas of soil at specific places. Soils information collected in a soil survey is useful in developing land-use plans and alternatives involving soil management systems and in evaluating and predicting the effects of land use.

PALUSTRINE - Name given to inland fresh water wetlands.

PERMEABILITY - Values listed estimate the range (in rate and time) it takes for downward movement of water in the major soil layers when saturated, but allowed to drain freely. The estimates are based on soil texture, soil structure, available data on

permeability and infiltration tests, and observation of water movement through soils or other geologic materials.

PIQ - Parcel in question

POTENTIAL FROST ACTION - Damage that may occur to structures and roads due to ice lens formation causing upward and lateral soil movement. Based primarily on soil texture and wetness.

PRIME FARMLAND - Prime farmland soils are lands that are best suited to food, feed, forage, fiber and oilseed crops. It may be cropland, pasture, woodland, or other land, but it is not urban and built up land or water areas. It either is used for food or fiber or is available for those uses. The soil qualities, growing season, and moisture supply are those needed for a well managed soil economically to produce a sustained high yield of crops. Prime farmland produces in highest yields with minimum inputs of energy and economic resources, and farming the land results in the least damage to the environment.

Prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation. The temperature and growing season are favorable. The level of acidity or alkalinity is acceptable. Prime farmland has few or no rocks and is permeable to water and air. It is not excessively erodible or saturated with water for long periods and is not frequently flooded during the growing season. The slope ranges mainly from 0 to 5 percent. (Source USDA Natural Resources Conservation Service)

PRODUCTIVITY INDEXES - Productivity indexes for grain crops express the estimated yields of the major grain crops grown in Illinois as a single percentage of the average yields obtained under basic management from several of the more productive soils in the state. This group of soils is composed of the Muscatine, Ipava, Sable, Lisbon, Drummer, Flanagan, Littleton, Elburn and Joy soils. Each of the 425 soils found in Illinois are found in Circular 1156 from the Illinois Cooperative Extension Service.

SEASONAL - When used in reference to wetlands indicates that the area is flooded only during a portion of the year.

SHRINK-SWELL POTENTIAL - Indicates volume changes to be expected for the specific soil material with changes in moisture content.

SOIL MAPPING UNIT - A map unit is a collection of soil areas of miscellaneous areas delineated in mapping. A map unit is generally an aggregate of the delineations of many different bodies of a kind of soil or miscellaneous area but may consist of only one delineated body. Taxonomic class names and accompanying phase terms are used to name soil map units. They are described in terms of ranges of soil properties within the limits defined for taxa and in terms of ranges of taxadjuncts and inclusions.

SOIL SERIES - A group of soils, formed from a particular type of parent material, having horizons that, except for texture of the A or surface horizon, are similar in all profile characteristics and in arrangement in the soil profile. Among these characteristics are color, texture, structure, reaction, consistence, and mineralogical and chemical composition.

SUBSIDENCE - Applies mainly to organic soils after drainage. Soil material subsides due to shrinkage and oxidation.

TERRAIN - The area or surface over which a particular rock or group of rocks is prevalent.

TOPSOIL - That portion of the soil profile where higher concentrations of organic material, fertility, bacterial activity and plant growth take place. Depths of topsoil vary between soil types.

WATERSHED - An area of land that drains to an associated water resource such as a wetland, river or lake. Depending on the size and topography, watersheds can contain numerous tributaries, such as streams and ditches, and ponding areas such as detention structures, natural ponds and wetlands.

WETLAND - An area that has a predominance of hydric soils and that is inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances does support, a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions.

REFERENCES

Hydric Soils of the United States. USDA Natural Resources Conservation Service, 2007.

FIRM – Flood Insurance Rate Maps for Kendall County. Prepared by FEMA – Federal Emergency Management Agency.

Hydrologic Unit Map for Kendall County. Natural Resources Conservation Service, United States Department of Agriculture.

Land Evaluation and Site Assessment System. The Kendall County Department of Planning Building and Zoning, and The Kendall County Soil and Water Conservation District. In cooperation with: USDA, Natural Resources Conservation Service.

Soil Survey of Kendall County. United States Department of Agriculture 2008, Natural Resources Conservation Service.

Illinois Urban Manuel. Association of Illinois Soil & Water Conservation Districts, 2016

Kendall County Land Atlas and Plat Book. 19th Edition, 2014.

Potential For Contamination of Shallow Aquifers from Land Burial of Municipal Wastes. Illinois State Geological Survey.

Natural Resources Conservation Service Wetland Inventory Map. United States Department of Agriculture.

Geologic Road Map of Illinois. Department of Natural Resources, Illinois State Geological Survey, Natural Resources Building, 615 East Peabody, Champaign IL 61820-6964.

Wetlands - The Corps of Engineers' Administration of the Section 404 Program (GAO/RCED-88-110)

Soil Erosion by Water - United States Department of Agriculture Natural Resources Conservation Service. Agriculture Information Bulletin 513.

The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities, prepared by the Nature Conservancy Great Lakes Program 79W. Monroe Street, Suite 1309, Chicago, IL 60603, January 1994.

Reviewed By:	
Legal	■
Finance	☐
Engineer	■
City Administrator	■
Community Development	■
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Planning and Zoning Commission #2

Tracking Number

PZC 2021-02 and EDC 2021-20

Agenda Item Summary Memo

Title: PZC 2021-02 Cordero Real Estate 1.5 Mile Review (Rezone)

Meeting and Date: City Council – March 23, 2021

Synopsis: Mile and one-half review of a rezone request in Kendall County for a rezone

From agriculture to limited manufacturing

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Vote

Submitted by: Jason Engberg, AICP (Name) Community Development (Department)

Agenda Item Notes:

See attached memorandum.

Have a question or comment about this agenda item?
Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/320/City-Council

Memorandum

To: City Council
From: Jason Engberg, Senior Planner
CC: Bart Olson, City Administrator
Krysti J. Barksdale-Noble, Community Development Director
Date: March 15, 2021
Subject: **PZC 2021-02– Cordero Real Estate 1.5 Mile Review (Rezone)**
Kendall County Case 21-06

SUMMARY:

Staff has reviewed a request from Kendall County Planning and Zoning Department along with the subsequent documents attached. This property is located within one and a half miles of the planning boundary for Yorkville, allowing the City the opportunity to review and provide comments to Kendall County. The petitioner, Jhon Cordero on behalf of Cordero Real Estate, LLC, is requesting to rezone their property from A-1 Agricultural to M-1 Limited Manufacturing to conduct a tree service business. The property is generally located at the southwest corner of the Galena Road and East Beecher Road intersection in Kendall County. The parcel is about 25 acres in size, but the petitioner will be using the front of the property for their business.

Staff has reviewed the request for rezoning and ***does not*** have an objection to the petitioner's request. This request was reviewed by the Economic Development Committee at the March 2, 2021 meeting. At that meeting, as well as the Planning and Zoning Commission meeting on March 10, 2021, there were some comments made about the potential future uses and intensity of uses at this site if rezoned to M-1 Limited Manufacturing. The petitioner stated that the southern portion of the property is adjacent to an existing mining operation and is contains many wetlands on the property which will impede development. Additionally, the County stated that while the entire property will be zoned for manufacturing, any future use would have to adhere to the County's review process and regulations. This helped alleviate concerns about potential future uses at the site that may be close to Yorkville residents. This item was delivered to the City on January 20, 2021.

PLANNING AND ZONING COMMISSION RECOMMENDATION:

This item was discussed at the March 10, 2021 Planning and Zoning Commission meeting and the commissioners had no objections to the rezone request. The following motion was made:

In consideration of the proposed mile and half review of Kendall County Case 21-06 for a rezoning request from A-1 Agricultural to M-1 Limited Manufacturing to conduct a tree service business at the southwest corner of Galena Road and E Beecher Road, the Planning and Zoning Commission recommends the City Council to not to object to the request.

Action:

Olson-aye; Millen-aye; Williams-aye; Marcum-aye; Hyatt-aye; Horaz-nay. 5 ayes, 1 nays

Attachments

1. Planning and Zoning Memorandum
2. Application with Attachments

Memorandum

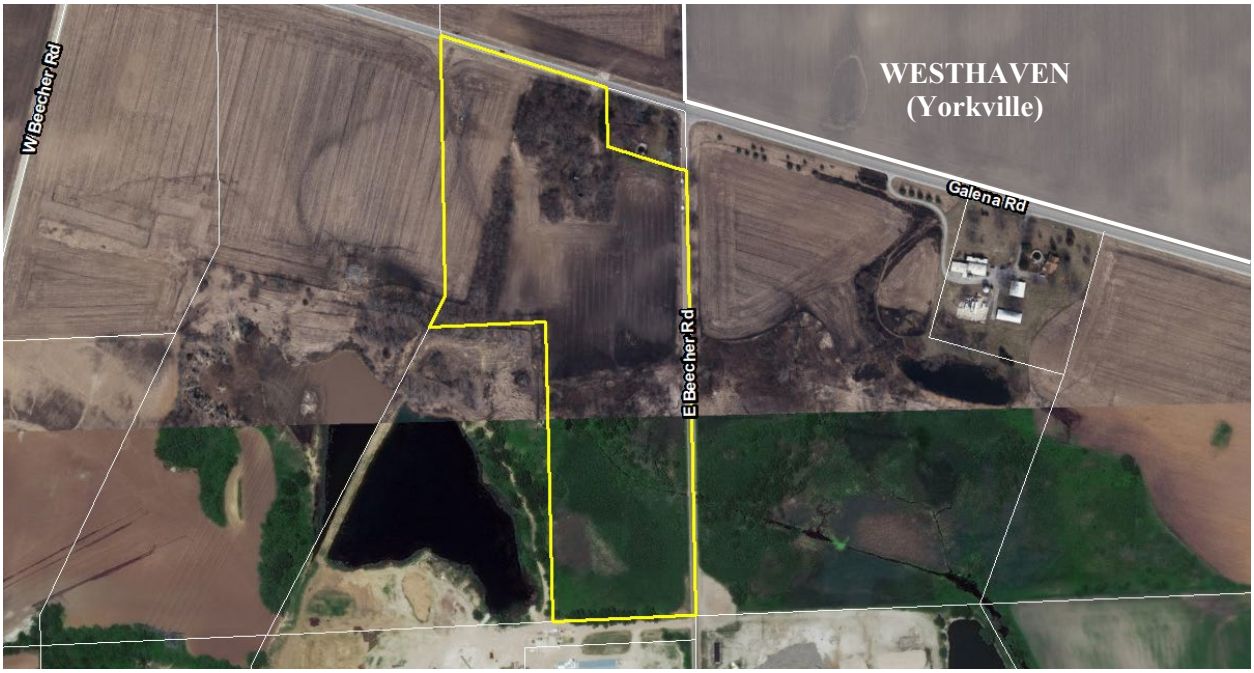
To: Planning and Zoning Commission
From: Jason Engberg, Senior Planner
CC: Bart Olson, City Administrator
Krysti J. Barksdale-Noble, Community Development Director
Date: March 3, 2021
Subject: **PZC 2021-02– Cordero Real Estate 1.5 Mile Review (Rezone)**
Kendall County Case 21-06

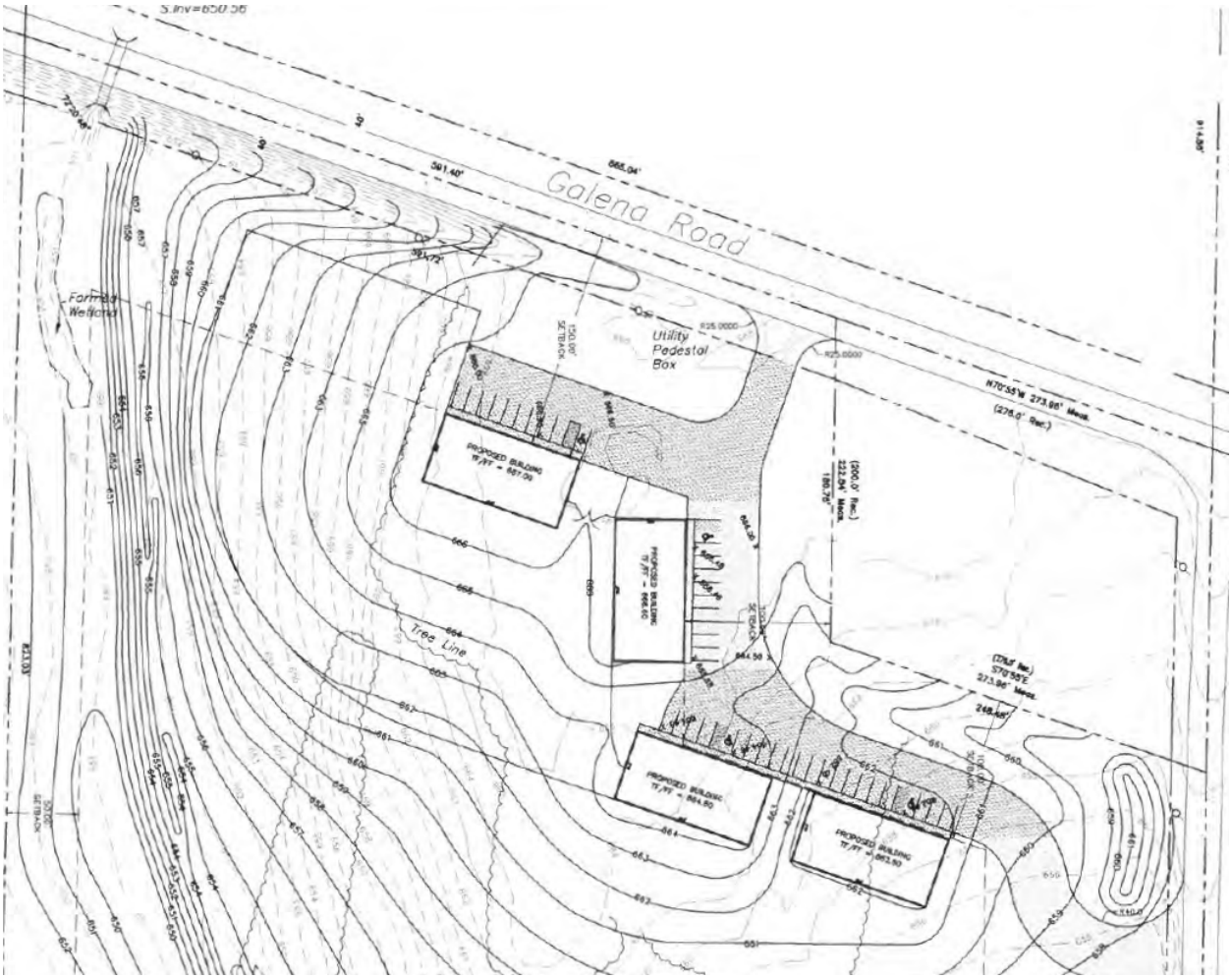
SUMMARY:

Staff has reviewed a request from Kendall County Planning and Zoning Department along with the subsequent documents attached. This property is located within one and a half miles of the planning boundary for Yorkville, allowing the City the opportunity to review and provide comments to Kendall County. The petitioner, Jhon Cordero on behalf of Cordero Real Estate, LLC, is requesting to rezone their property from A-1 Agricultural to M-1 Limited Manufacturing to conduct a tree service business. The property is generally located at the southwest corner of the Galena Road and East Beecher Road intersection in Kendall County. The parcel is about 25 acres in size, but the petitioner will be using the front of the property for their business.

PROJECT SUMMARY:

The petitioner is requesting to rezone their property from A-1 Agricultural to M-1 Manufacturing. The current surrounding property land uses include agricultural uses to the north, east, and west as well as manufacturing and mining uses to the south. The property is located on the southwest corner of the Galena Road and East Beecher Road intersection. The property at the northeast corner of that intersection is within Yorkville and is part of the Westhaven Planned Unit Development. The development is planned for a mix of residential and commercial uses but has not seen any progress in its establishment since its annexation in 2005.





As stated by the County, there are no existing businesses on the property and the petitioner is not requesting to subdivide the land. In Kendall County, owners are allowed to construct more than one structure on a M-1 Limited Manufacturing District property.

As shown in their application to Kendall County, the petitioner is planning on operating a tree service business on the property. They plan on making, storing, and selling mulch from trees that they cut down for their other clients. The petitioner will not be growing trees on site and will only be utilizing the frontage along Galena Road for their operation (see image above). The buildings illustrated on the map will be used for contractor's office, storage of trailers, farm implements, and other similar equipment on an open lot, truck, truck tractor, and truck trailer storage yards, wholesaling and warehousing.

This type of business is outright permitted within the M-1 Limited Manufacturing District within the County. By the County's definition this is not a landscaping business and therefore does not require a special use permit. The petitioner did not address any lighting or odor issues within their application but would be subject to the County's performance standards. The County does require all storage to be in a completely enclosed building when located within 150 feet of a residential zoning district which includes the Westhaven Development.

YORKVILLE COMPREHENSIVE PLAN:

Yorkville's 2016 Comprehensive Plan designation for this property is Estate/Conservation Residential. This future land use is intended to provide flexibility for residential design in areas of Yorkville that can accommodate low-density detached single-family housing but also include sensitive environmental and scenic features that should be retained and enhanced. The most typical form of development within this land use will be detached single family homes on large lots.

While the rezoning of this property to an M-1 Limited Manufacturing district does not align with the City's Comprehensive Plan, the Estate/Conservation Residential Land Use is used as a placeholder in many locations on the farther edges of town for future growth. The Comprehensive Plan has a 10-year horizon which was mainly focuses on addressing Yorkville's core and existing neighborhoods. This area within the planning boundary is not likely to develop within the plan's horizon. Similarly, the Westhaven development is also designated as Estate/Conservation even though an existing agreement exists on the property which allows it to develop as a residential and commercial use.

Additionally, the petitioner is not seeking to utilize the entire parcel for its business which creates a much smaller footprint for its use.

ECONOMIC DEVELOPMENT COMMITTEE

This item was reviewed by the Economic Development Committee at the March 2, 2021 meeting. Staff commented that while the current request is to provide for a business to operate on the property which utilizes the front of the parcel, the rezoning of the entire parcel will be M-1 Limited Manufacturing. This may have the possibility of causing an issue in the future as the Westhaven portion closest to this site is planned for residential uses.

In response, the petitioner has stated that the setback of the business will be over 150 feet from Galena Road to provide enough distance for buffering. Also, the petitioner noted that in their wetland study, much of the rear of the property is wetland and will not be able to be developed as a manufacturing use. This limits the amount of limited manufacturing uses on the site and keeps the intensity of the use low.

STAFF COMMENTS

Staff has reviewed the request for rezoning and generally does not oppose the rezoning for the proposed business. While it is close in proximity the Westhaven planned unit development, there has been no indication that the development will begin any time soon and has been dormant since 2005. The large setback from Galena Road provides a good buffer and the wetlands in the rear of the property prevent more intense industrial uses from being developed.

PROPOSED MOTION

In consideration of the proposed mile and half review of Kendall County Case 21-06 for a rezoning request from A-1 Agricultural to M-1 Limited Manufacturing to conduct a tree service business at the southwest corner of Galena Road and E Beecher Road, the Planning and Zoning Commission recommends the City Council to (object or not to object) to the request.

ATTACHMENTS

1. Application with Attachments
2. Westhaven Conceptual Plan

DEPARTMENT OF PLANNING, BUILDING & ZONING
111 West Fox Street • Room 203
Yorkville, IL • 60560
(630) 553-4141 Fax (630) 553-4179

Petition 21-06
Jhon Cordero on Behalf of Cordero Real Estate, LLC
Map Amendment Rezoning the Subject Property from A-1 Agricultural to M-1 Limited Manufacturing

INTRODUCTION

The Petitioner purchased the subject property in 2020 and wishes to operate a tree service business onsite.

In discussing the proposal, the Petitioner's Attorney indicated that the Petitioner would engage in making, storing, selling of mulch from trees the Petitioner's business cuts down from clients. The Petitioner would not grow trees onsite. The Petitioner's Attorney believed that the site would be used for contractor's office, storage of trailers, farm implements, and other similar equipment on an open lot, truck, truck tractor, and truck trailer storage yards, wholesaling and warehousing. These uses are permitted uses in the M-1 Limited Manufacturing District. Landscaping businesses are special uses in the M-1 Limited Manufacturing District. Accordingly, the Petitioner would like to rezone the property to the M-1 Limited Manufacturing District.

The application materials are included as Attachment 1. The Wetland Delineation Report is included as Attachment 2. The site plan is included as Attachment 3. The aerial of the property is included as Attachment 4. The aerial of the property showing the location of wetlands on the property is included as Attachment 5.

SITE INFORMATION

PETITIONER: Jhon Cordero on Behalf of Cordero Real Estate, LLC

ADDRESS: No Address Assigned

LOCATION: Approximately 268 Feet West of the Intersection of Galena Road and East Beecher Road



TOWNSHIP: Bristol

PARCEL #: 02-06-400-007

LOT SIZE: 24.9 +/- Acres

EXISTING LAND USE: Agricultural/Farming (Historic Aerials Show a House Formerly Standing the North Side of the Property)

ZONING: A-1 Agricultural District

LRMP:

Future Land Use	Mixed Use Business
Roads	Galena Road is a County Maintained Major Collector Road. East Beecher is a Township Maintained Local Road.
Trails	Yorkville has a Trail Planned Along Galena Road. The Kendall County Forest Preserve has a Trail Planned Along Galena Road
Floodplain/ Wetlands	There are no Floodplains on the property. There are Three (3) Wetlands on the Property Totaling Approximately Ten (10) Acres in Size. Two (2) of the Wetlands are Farmed Wetlands

REQUESTED ACTION: Map Amendment Rezoning Property from A-1 Agricultural to M-1 Limited Manufacturing

APPLICABLE REGULATIONS: Section 13:07 – Map Amendment Procedures

SURROUNDING LAND USE

Location	Adjacent Land Use	Adjacent Zoning	Land Resource Management Plan	Zoning within ½ Mile
North	Agricultural and Single Family Residential	A-1 (County) R-2, R-3, and B-3 (Yorkville)	Mixed Use Business and Commercial (County) Estate/Conservation Residential (Yorkville)	A-1 (Kendall County) R-2, R-3, and B-3 (Yorkville)
South	Agricultural and Commercial	A-1 SU and M-2	Mixed Use Business (County) Estate/Conservation Residential (Yorkville)	A-1 SU, M-2, and M-3 SU
East	Agricultural	A-1	Suburban Residential (Max Density 1.00 DU/Acre) and Commercial (County) Estate/Conservation Residential (Yorkville)	A-1

West	Agricultural and ComEd ROW	A-1	Mixed Use Business and ComEd (County) Estate/Conservation Residential (Yorkville)	A-1

The A-1 Special Use Permit to the south are for gravel mining operation and compost facility. The M-3 Special Use Permit to the south is for asphalt production.

PHYSICAL DATA

ENDANGERED SPECIES REPORT

EcoCAT Report submitted and indicated the presence of the Mottled Sculpin. Adverse impacts were unlikely and consultation was terminated, see Attachment 1, Pages 21-24.

NATURAL RESOURCES INVENTORY

The application for NRI was submitted on January 21, 2021, see Attachment 1, Page 19. The LESA Score was 176 indicating a low level of protection. The NRI is included as Attachment 6.

ACTION SUMMARY

BRISTOL TOWNSHIP

Petition information was sent to Bristol Township on February 10, 2021.

UNITED CITY OF YORKVILLE

Petition information was sent to the United City of Yorkville on February 10, 2021.

BRISTOL-KENDALL FIRE PROTECTION DISTRICT

Petition information was sent to the Bristol Kendall Fire Protection on February 10, 2021.

GENERAL INFORMATION

Per State law, map amendments cannot be conditioned. However, Section 13:10 of the Kendall County Zoning Ordinance requires that manufacturing site plans be approved by the Kendall County ZPAC.

BUILDING CODES

According to the site plan included as Attachment 3, four (4) structures are proposed for the site. Any new structures would require applicable building permits.

ACCESS

The site plan proposes access off of Galena Road and E. Beecher Road.

ODORS

No information was provided on the site plan regarding outdoor storage locations. While no new odors are foreseen, future site plan submittals should be examined to address odors.

LIGHTING

No lighting information was provided. The site plan for the proposed business should be evaluated to address lighting.

SCREENING

No screening information was provided. Section 10:01.A.2 of the Kendall County Zoning Ordinance requires storage to be in completely enclosed buildings if located within one hundred fifty feet (150') of a residential zoning district. Any fencing or buffering should be evaluated as part of the site plan review process.

STORMWATER

The site plan shows a detention pond on the south side of the property. Applicable stormwater and wetland

permits could be required as part of the site plan review.

UTILITIES
The site plan indicates a utility box onsite. Well and septic information would have to be evaluated as part of a building permit process.

FINDINGS OF FACT
§ 13:07.F of the Zoning Ordinance outlines findings that the Zoning Board of Appeals must make in order to recommend in favor of the applicant on map amendment applications. They are listed below in *italics.* Staff has provided findings in **bold** below based on the recommendation:

Existing uses of property within the general area of the property in question. **The surrounding properties are used agricultural for agricultural purposes with gravel mining, asphalt production, and composting uses also located in the vicinity.**

The Zoning classification of property within the general area of the property in question. **The surrounding properties in the unincorporated area are zoned A-1, M-2, and M-3.**

The suitability of the property in question for the uses permitted under the existing zoning classification. **The property is presently zoned A-1. A more intense Manufacturing zoning classification is necessary to cover all of the proposed uses instead of the existing A-1 zoning classification.**

The trend of development, if any, in the general area of the property in question, including changes, if any, which may have taken place since the day the property in question was in its present zoning classification. The Zoning Board of Appeals shall not recommend the adoption of a proposed amendment unless it finds that the adoption of such an amendment is in the public interest and is not solely for the interest of the applicant. The Zoning Board of Appeals may recommend the adoption of an amendment changing the zoning classification of the property in question to any higher classification than that requested by the applicant. For the purpose of this paragraph the R-1 District shall be considered the highest classification and the M-2 District shall be considered the lowest classification. **The trend of development in the area includes uses associated with Manufacturing zoning districts and Commercial zoning districts.**

Consistency with the purpose and objectives of the Land Resource Management Plan and other adopted County or municipal plans and policies. **The Future Land Use Map in the Land Resource Management Plan classifies this property as Mixed Use Business. The M-1 Limited Manufacturing District is consistent with the Mixed Use Business classification.**

RECOMMENDATION
Because the Future Land Use Map calls for this property to be Mixed Use Business, Staff recommends approval of the requested Map Amendment. However, careful site plan review should occur when the property is developed to ensure that negative impacts on the wetlands and other environmentally sensitive features of the property are minimized.

ATTACHMENTS
1. Application Materials
2. Wetland Delineation Report
3. Site Plan
4. Aerial
5. Aerial Showing Wetlands
6. NRI Report

DEPARTMENT OF PLANNING, BUILDING & ZONING
111 West Fox Street • Yorkville, IL • 60560
(630) 553-4141 Fax (630) 553-4179

APPLICATION

PROJECT NAME JPC Tree **FILE #:**_____

NAME OF APPLICANT		
Cordero Real Estate, LLC		
CURRENT LANDOWNER/NAME(s)		
Cordero Real Estate, LLC		
SITE INFORMATION		
ACRES	SITE ADDRESS OR LOCATION	ASSESSOR'S ID NUMBER (PIN)
24.973 acres	Galena Road & East Beecher Road	02-06-400-007
EXISTING LAND USE	CURRENT ZONING	LAND CLASSIFICATION ON LRMP
Vacant Land	A-1 Agricultural	

REQUESTED ACTION (Check All That Apply):

___ SPECIAL USE	X MAP AMENDMENT (Rezone to M-1)	___ VARIANCE
___ ADMINISTRATIVE VARIANCE	___ A-1 CONDITIONAL USE for:_____	___ SITE PLAN REVIEW
___ TEXT AMENDMENT	___ RPD (___Concept; ___ Preliminary; ___ Final)	___ ADMINISTRATIVE APPEAL
___ PRELIMINARY PLAT	___ FINAL PLAT	___ OTHER PLAT (Vacation, Dedication, etc.)
___ AMENDMENT TO A SPECIAL USE (____ Major; ____ Minor)		

[1]PRIMARY CONTACT	PRIMARY CONTACT MAILING ADDRESS	EMAIL
Daniel J. Kramer	[redacted]	[redacted]
PRIMARY CONTACT PHONE #	**PRIMARY CONTACT FAX #**	**PRIMARY CONTACT OTHER #(Cell, etc.)**
[redacted]	[redacted]	
[2]ENGINEER CONTACT	ENGINEER MAILING ADDRESS	ENGINEER EMAIL
ENGINEER PHONE #	ENGINEER FAX #	ENGINEER OTHER # (Cell, etc.)

I UNDERSTAND THAT BY SIGNING THIS FORM, THAT THE PROPERTY IN QUESTION MAY BE VISITED BY COUNTY STAFF & BOARD/ COMMISSION MEMBERS THROUGHOUT THE PETITION PROCESS AND THAT THE PRIMARY CONTACT LISTED ABOVE WILL BE SUBJECT TO ALL CORRESPONDANCE ISSUED BY THE COUNTY.

I CERTIFY THAT THE INFORMATION AND EXHIBITS SUBMITTED ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I AM TO FILE THIS APPLICATION AND ACT ON BEHALF OF THE ABOVE SIGNATURES.

SIGNATURE OF APPLICANT **DATE**

X [redacted] 1-21-21

FEE PAID:$_____
CHECK #:_____

[1]*Primary Contact will receive all correspondence from County*
[2]*Engineering Contact will receive all correspondence from the County's Engineering Consultants*

Last Revised:
12.15.20

Date Stamp Here If
Checklist is Complete

FINDINGS OF FACT

1. The existing uses of the general area of the Site sought to be developed are mixed. There is M-2 Heavy Manufacturing to the south and southeast. There are Special Uses to east for a yard waste composting facility. There is agricultural areas to the west and north and for a good bit of the history of this parcel an agricultural area to the east which may or may not have had a special use but operated retail poultry sales business.

2. The Zoning Classification in the area is a mix of agricultural, agricultural special use with a very intensive use of the composting facility, and industrial including a special use for a Redi-mix plant and gravel mining which is considered a heavy industrial use under the Kendall County Zoning Ordinance.

3. The subject site is not a agricultural high priority or high protection agricultural production area. The soils are quite hydric, there is a drainage ditch that runs through the property, and there are wetland areas on the property which preclude intensive agricultural use of the property. Prior to the purchase by Applicant much of the property laid fallow with scrub trees overgrowing and noxious plants. The Applicant plans to clear the scrub elements that have no utilitarian value and get rid of all noxious weeds. He has detailed plans to preserve the wetland and drainage ditch area. Given that the property is located on an all weather County Road and is adjacent to manufacturing areas, it is a perfect use for his wholesale type operation and management yard for mulch creating business. Fortunately his business does not have any of the negative side effects that the composting has to the east and he NEVER plans in any fashion compost yard waste at the site.

   Ultimately he would like to see a wholesale and retail center at the front of the property for retail and wholesale sale of mulch which again would be a suitable use for the Galena Road Property.

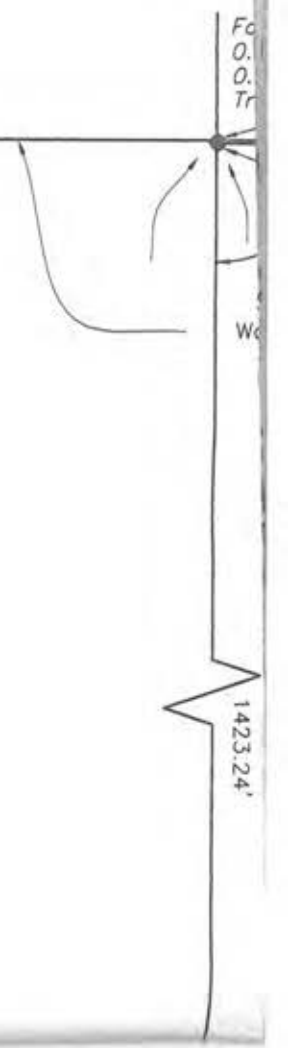
4. The proposed use is consistent with the slowly increased commercial development in the area. This is witnessed by construction and operation of the large gas station./car wash and convenience store facility across the field from this property on Route 47, the water park developed on Route 47, and the continued operation of the special uses, Redi-mix plant and stone quarry adjacent to the subject property on East Beecher Road.
5. The proposed zoning classification would be consistent with the Kendall County Land Resource Management Plan for the area as well as the United City of Yorkville Comprehensive Plan which shows the area affected to become manufacturer zoned.

Petitioner is looking to operate a Tree Service Business. The Petitioner plans on using the property for the making, storing, and selling of mulch from the trees the Tree Company chops down. The buildings would be to run the business and store the equipment. The facility is similar to a landscaping business and is a full-service Tree Company. The Company plants trees, trims trees, and removes trees. All of the mulch is generated by trees they cut down and instead of sending them to a landfill they chop them up and it is sold as decorative mulch. THERE IS NO COMPOSTING OF YARD WASTE. Petitioner does not do any landscaping services other than trimming trees and bushes. It is solely for the wholesaling and warehousing of mulch materials.

PLAT OF SURVEY AN
PART OF THE SOUTHEAST QUARTER
BRISTOL TOWNSHIP KEN

LEGAL DESCRIPTION:

That Part of the East Half of the East Half of Section 6, Township 37 North, Range 7 East of the Third Principal Meridian, lying Southerly of the present centerline of Galena Road, described as follows: Beginning at the intersection of the center line of Galena Road with the East Line of said Section; thence North 70°55' West along said center line, 276.0 feet; thence South parallel to the East Line of said Section 6, 200 feet; thence South 70°55' East, 276.0 feet to the East Line of said Section; thence South along the East Line of said Section, 1456.6 feet to the Southeast Corner of said Section; thence West along the South Line of said Section, 470.51 feet to the Easterly Line of Parcel Two of property conveyed to Chicago Title and Trust Company, as trustee under Trust Number 45553 by Conservators Deed recorded September 17, 1973 as Document 73-4671; thence Northerly along said Easterly Line, 1006.52 feet to the Northeasterly Corner of said Parcel; thence Westerly along the North Line of said Parcel Two, 388.83 feet to the intersection of said North Line with the Easterly Line of the property described in Parcel One of said Document 73-4671; thence Northeasterly along said Easterly Line of Parcel One, a distance of 115.02 feet to an angle point on said Easterly Line of Parcel One, which is 1112.06 perpendicularly distant North of the South Line of said Section; thence North along a line forming an angle of 26°45'38" to the left with the prolongation of the last described course, a distance of 2329.35 feet to the South Line of property conveyed to Diane R. Kapchinski by Trustee's Deed recorded June 14, 1973 as Document 73-2843; thence East along the South Line of property conveyed to Diane R. Kapchinski by Trustee's Deed recorded June 14, 1973 as Document 73-2843; thence East along the South Line of property conveyed to Diane R. Kapchinski, 812.68 feet to the East Line of said Section 6; thence Southerly along the East Line of said Section 6, 1319.90 feet to the point of beginning, in the Township of Bristol, Kendall County, Illinois.



20 CSA 6201 96 A4
1/1 CF

202000016040
DEBBIE GILLETTE
RECORDER - KENDALL COUNTY, IL
RECORDED: 8/24/2020 1:47 PM
REC FEE: 57.00 RHSPS: 10.00
STATE TAX: 110.00
COUNTY TAX: 55.00
PAGES: 13

WARRANTY DEED
Statutory (Illinois)

SEND SUBSEQUENT TAX BILLS TO:
Cordero Real Estate, LLC
1079 Sard Avenue
Montgomery, IL 60538

THIS DOCUMENT PREPARED BY:
AFTER RECORDING RETURN TO:
Law Offices of Daniel J. Kramer
1107A S. Bridge Street
Yorkville, IL 60560
630-553-9500

THE GRANTOR,

Daniel P. Schultz, ~~a single person~~ As Trustee of the Daniel P. Schultz Living Trust dated 8/8/2017, Edward F. Schultz, a single person, Anna Marie Ostreko, a married person, Gerald H. Hankes, a married person, Mary V. Harker, a married person, Rita J. Rios, a married person, John D. Hankes, a married person, Lawrence P. Hankes, a married person, Francis Schultz a Single Person, and Rosemary Svanovick, a married person

for and in consideration of Ten and 00/100 Dollars in hand paid, **CONVEY AND WARRANT TO**

Cordero Real Estate, LLC

whose address is: 1079 Sard Avenue, Montgomery, Illinois 60538

all interest in the following described Real Estate situated in the County of Kendall In the State of Illinois, to wit:

See attached legal description

SUBJECT TO: Existing easements, covenants, and restrictions of record, and 2019 and subsequent years real estate taxes.

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Permanent Real Estate Index Number: 02-06-400-007
Address of Real Estate:24.973 acres vacant land Galena Road and East Beecher Road, Bristol Township, Illinois

THE PROPERTY IS NOT HOMESTEAD PROPERTY

Unofficial

Dated this 16 Day of 19th, 2020.

[redacted]
Francis Schultz

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Frances Schultz personally known to me to be the same person whose name ___ subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that ___ signed, sealed and delivered this instrument as _ free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 19 Day of June, 2020.

[redacted]
Notary Public

Unofficial

Prepared By: David J. Kuen
1107 A S. Bridge St.
Yorkville, Illinois 60560
+ Return To

Future Tax Bills To: Cardus Real Estate, LLC
1079 Sorel Ave
Montgomery, Ill. 60538

Dated this 13 Day of June, 20 20.

[redacted]
Mary V. Harker

Warranty Deed - Statutory

STATE OF ~~ILLINOIS~~ Ohio)
) SS.
COUNTY OF ~~KENDALL~~ Montgomery)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Mary Harker personally known to me to be the same person whose name X subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that X signed, sealed and delivered this instrument as X free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 13th Day of June, 20 20.

[redacted]
Notary Public

NOTARIAL SEAL STATE OF OHIO

RAVEN CLARK
Notary Public, State of Ohio
My Commission Expires 11-04-2023

Unofficial

Dated this 12 Day of June, 20 20.

[redacted]
Rita J. Rios

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Rita J. Rios, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered this instrument as her free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 12th Day of June, 20 20.

[redacted]
Notary Public

"OFFICIAL SEAL"
COLLEEN HANSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/18/2023

Unofficial

Dated this 5 Day of June, 20 20.

[redacted]

Gerald H. Hankes

Warranty Deed - Statutory

STATE OF ~~ILLINOIS~~ Alabama)
) SS.
COUNTY OF ~~KENDALL~~ Lee)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Gerald H. Hankes personally known to me to be the same person whose name ___ subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that ___ signed, sealed and delivered this instrument as _ free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 5 Day of June, 20 20.

[redacted]

Notary Public

KATHRYN A. INGRAM
My Commission Expires
September 23, 2023

Unofficial

Dated this 10 Day of June, 20 20.

[redacted]
Edward F. Schultz

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and forsaid County, in the State aforesaid, CERTIFY THAT Edward F. Schultz personally known to me to be the same person whose name ___ subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that ___ signed, sealed and delivered this instrument as _ free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 10 Day of June, 20 20.

[redacted]
Notary Public

OFFICIAL SEAL
MARGARET ROSE DAWE
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires July 5, 2020

Unofficial

Dated this 8th Day of June, 20 20.

[redacted]

Daniel P. Schultz, as Trustee

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Daniel P Shultz personally known to me to be the same person whose name ___ subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that ___ signed, sealed and delivered this instrument as _ free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 8th Day of June, 20 20.

[redacted]

Notary Public

Kelly M. Buck
Notary Public, State of Illinois
My Commission Expires 05/07/2021

Unofficial

Dated this 11 Day of June, 2020.

[redacted]
Anna Marie Ostreko

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Anna M Ostreko personally known to me to be the same person whose name ___ subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that __ signed, sealed and delivered this instrument as _ free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 11 Day of June, 2020.

[redacted]
Notary Public

"OFFICIAL SEAL"
MALISSA PERKINS
Notary Public, State of Illinois
My Commission Expires 9/29/2021

Unofficial

Dated this 10th Day of JUNE, 20 20.

[redacted]
Lawrence F. Hankes

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Lawrence F. Hankes personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that is signed, sealed and delivered this instrument as his free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 10th Day of June, 20 20.

[redacted]
Notary Public

"OFFICIAL SEAL"
COLLEEN HANSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/18/2023

Unofficial

Dated this 4 Day of June, 20 20.

[redacted]
Rosemary Svanovick

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT Rosemary Svanovick personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered this instrument as her free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 4th Day of June, 20 20.

[redacted]
Notary Public

"OFFICIAL SEAL"
COLLEEN HANSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/18/2023

Unofficial

Dated this 10th Day of June, 20 20.

[redacted]

John D. Hankes

Warranty Deed - Statutory

STATE OF ILLINOIS)
) SS.
COUNTY OF KENDALL)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT John D. Hankes personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he signed, sealed and delivered this instrument as his free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal this 10th Day of June, 20 20.

[redacted]

Notary Public

"OFFICIAL SEAL"
COLLEEN HANSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11/18/2023

Unofficial

EXHIBIT A

Order No.: [redacted]

For APN/Parcel ID(s): 02-06-400-007-0000 and 02-06-400-003 (PARENT)

THAT PART OF THE EAST HALF OF SECTION 6, TOWNSHIP 37 NORTH, RANGE 7, EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING SOUTHERLY OF THE PRESENT CENTERLINE OF GALENA ROAD, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE CENTER LINE OF GALENA ROAD WITH THE EAST LINE OF SAID SECTION; THENCE NORTH 70 DEGREES 55 MINUTES WEST ALONG SAID CENTER LINE 276 FEET; THENCE SOUTH PARALLEL TO THE EAST LINE OF SAID SECTION 8, 200 FEET; THENCE SOUTH 70 DEGREES 55 MINUTES EAST 270 FEET TO THE EAST LINE OF SAID SECTION; THENCE SOUTH ALONG THE EAST LINE OF SAID SECTION 1456.6 FEET TO THE SOUTHEAST CORNER OF SAID SECTION; THENCE WEST ALONG THE SOUTH LINE OF SAID SECTION 470.51 FEET TO THE EASTERLY LINE OF PARCEL TWO OF THE PROPERTY CONVEYED TO CHICAGO TITLE AND TRUST COMPANY TRUSTEE UNDER TRUST NUMBER 45553 BY CONSERVATOR'S DEED RECORDED SEPTEMBER 17, 1973 AS DOCUMENT R73-4671; THENCE NORTHERLY ALONG SAID EASTERLY LINE 1006.52 FEET TO THE NORTHEASTERLY CORNER OF SAID PARCEL; THENCE WESTERLY ALONG THE NORTH LINE OF SAID PARCEL TWO 388.83 FEET TO THE INTERSECTION OF SAID NORTH LINE WITH HE EASTERLY LINE OF THE PROPERTY DESCRIBED IN PARCEL ONE OF SAID DOCUMENT 73-4671; THENCE NORTHEASTERLY ALONG SAID EASTERLY LINE OF PARCEL ONE A DISTANCE OF 115.02 FEET TO AN ANGLE POINT ON SAID EASTERLY LINE OF PARCEL ONE WHICH IS 1112.06 FEET PERPENDICULARLY DISTANT NORTH OF THE SOUTH LINE OF SAID SECTION; THENCE NORTH ALONG A LINE FORMING AN ANGLE 26 DEGREES 45 MINUTES 38 SECOND TO THE LEFT WITH THE PROLONGATION OF THE LAST DESCRIBED COURSE A DISTANCE OF 2329.35 FEET TO THE SOUTH LINE OF PROPERTY CONVEYED TO DIANE R. KAPCHINSKI BY TRUSTEES DEED RECORDED JUNE 14, 1973 AS DOCUMENT 73-2843; THENCE EAST ALONG THE SOUTH LINE OF PROPERTY CONVEYED TO DIANE R. KAPCHINSKI 812.68 FEET TO THE EAST LIEN OF SAID SECTION 6; THENCE SOUTHERLY ALONG THE EAST LINE OF SAID SECTION 6, 1319.90 FEET TO THE POINT OF BEGINNING, IN THE TOWNSHIP OF BRISTOL, KENDALL COUNTY, ILLINOIS

UNOFFICIAL DOCUMENT

Debbie Gillette
Kendall County Clerk & Recorder

PLAT ACT AFFIDAVIT OF METES AND BOUNDS

STATE OF ILLINOIS)
)SS
COUNTY OF KENDALL)

[redacted], being duly sworn on oath, states that affiant resides at [redacted] Yorkville, IL 60560. And further states that: (please check the appropriate box)

A. [X] That the attached deed is not in violation of 765 ILCS 205/1(a), in that the sale or exchange is of an entire tract of land not being part of a larger tract of land; or

B. [ ] That the attached deed is not in violation of 765 ILCS 205/1(b) for one of the following reasons: (please circle the appropriate number)

1. The division or subdivision of land into parcels or tracts of 5.0 acres or more in size which does not involve any new streets or easements of access;
2. The division of lots or blocks of less than one (1) acre in any recorded subdivision which does not involve any new streets or easements of access;
3. The sale or exchange of parcels of land between owners of adjoining and contiguous land;
4. The conveyance of parcels of land or interests therein for use as right of way for railroads or other public utility facilities and other pipe lines which does not involve any new streets or easements of access;
5. The conveyance of land owned by a railroad or other public utility which does not involve any new streets or easements of access;
6. The conveyance of land for highway or other public purposes or grants or conveyances relating to the dedication of land for public use or instruments relating to the vacation of land impressed with a public use;
7. Conveyances made to correct descriptions in prior conveyances;
8. The sale or exchange of parcels or tracts of land following the division into not more than two (2) parts of a particular parcel or tract of land existing on July 17, 1959, and not involving any new streets or easements of access;
9. The sale of a single lot of less than 5.0 acres from a larger tract when a survey is made by an Illinois Registered Land Surveyor; provided, that this exemption shall not apply to the sale of any subsequent lots from the same larger tract of land, as determined by the dimensions and configuration of the larger tract on October 1, 1973, and provided also that this exemption does not invalidate any local requirements applicable to the subdivision of land;
10. The conveyance is of land described in the same manner as title was taken by grantor(s).

AFFIANT further states that ___ he makes this affidavit for the purpose of inducing the Recorder of Deeds of Kendall County, Illinois, to accept the attached deed for recording.

SUBSCRIBED AND SWORN TO BEFORE ME

This 24th day of June, 2021.

[redacted]

Signature of Affiant

OFFICIAL SEAL
CHRISTIAN A GINOCCHIO
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:12/29/22

111 West Fox Street, Yorkville IL 60560-1498
Tel: (630) 553-4104 • Fax: (630) 553-4119 • Email: Dgillette@co.kendall.il.us

Unofficial

KENDALL COUNTY
DISCLOSURE OF BENEFICIARIES FORM

1. Applicant Cordero Real Estate, LLC

   Address 1079 Sard Avneue

   City Montgomery State IL Zip 60538

2. Nature of Benefit Sought operate a business

3. Nature of Applicant: (Please check one)
   - ___ Natural Person
   - ___ Corporation
   - ___ Land Trust/Trustee
   - ___ Trust/Trustee
   - ___ Partnership
   - ___ Joint Venture

4. If applicant is an entity other than described in Section 3, briefly state the nature and characteristics of the applicant:

   Illinois Limited Liability Company which is an entity to operate a business in Illinois

5. If your answer to Section 3 you have checked letter b, c, d, e, or f, identify by name and address each person or entity who is a 5% shareholder in case of a corporation, a beneficiary in the case of a trust or land trust, a joint venture in the case of a joint venture, or who otherwise has proprietary interest, interest in profits and losses or right to control such entity:

NAME	ADDRESS	INTEREST
Jhon Cordero	[redacted]	100%

6. Name, address, and capacity of person making this disclosure on behalf of the applicant:

   Jhon Cordero, Self

[redacted]

VERIFICATION

[redacted], being first duly sworn under oath that I am the person making this disclosure on behalf of the applicant, that I am duly authorized to make the disclosure, that I have red the above and foregoing Disclosure of Beneficiaries, and that the statements contained therein are true in both substance and fact.

Subscribed and sworn to before me this 28th day of January, A.D. 2021

(seal)

[redacted]

Notary Public

Kendall County Soil & Water Conservation District

7775A Route 47, Yorkville, Illinois 60560 • (630)553-5821 extension 3

www.kendallswcd.org

NATURAL RESOURCE INFORMATION (NRI) REPORT APPLICATION

Petitioner: Cordero Real Estate, LLC
Address: 107 Sard Avenue
City, State, Zip: Montgomery, IL 60538
Phone Number: ( ) 630-327-6158
Email: jpctree@gmail.com

Contact Person: Attorney Daniel J. Kramer
1107A S. Bridge Street
Yorkville, IL 60560
( ) 630-553-9500
dkramer@dankramerlaw.com

Please select: How would you like to receive a copy of the NRI Report? ☑ Email ☐ Mail

Site Location & Proposed Use

Township Name Bristol
Parcel Index Number(s) 02-06-400-007 Township 37 N, Range 7 E, Section(s) 6
Project or Subdivision Name JPC Tree
Current Use of Site vacant/farm Number of Acres 24.973
Proposed Number of Lots 1 Proposed Use Tree Service Buisiness - see attached
Proposed Water Supply well Proposed Number of Structures 4 possible buildings
Proposed type of Storm Water Management on-site detention facility and release Proposed type of Wastewater Treatment septic

Type of Request

☑ Change in Zoning from A-1 to M-1
☐ Variance (Please describe fully on separate page)
☐ Special Use Permit (Please describe fully on separate page)
Name of County or Municipality the request is being filed with: Kendall County Planning, Building, & Zoning

In addition to this completed application form, please including the following to ensure proper processing:

☑ **Plat of Survey/Site Plan** – showing location, legal description and property measurements
☑ **Concept Plan** - showing the locations of proposed lots, buildings, roads, stormwater detention, open areas, etc.
☐ If available: topography map, field tile map, copy of soil boring and/or wetland studies
◉ **NRI fee** (Please make checks payable to Kendall County SWCD)

The NRI fees, as of July 1, 2010, are as follows:

Full Report: $375.00 for five acres and under, plus $18.00 per acre for each additional acre or any fraction thereof over five.
Executive Summary Report: $300.00 (KCSWCD staff will determine when a summary or full report will be necessary.)

Fee for first five acres and under	$ 375.00
20 Additional Acres at $18.00 each	$ 360.00
Total NRI Fee	$ 735.00

NOTE: Applications are due by the 1st of each month to be on that month's SWCD Board Meeting Agenda. Once a completed application is submitted, please allow 30 days for inspection, evaluation and processing of this report.

I (We) understand the filing of this application allows the authorized representative of the Kendall County Soil and Water Conservation District (SWCD) to visit and conduct an evaluation of the site described above. The completed NRI report expiration date will be [redacted]

X [redacted]
Petitioner or Authorized Agent

1.21.21
Date

This report will be issued on a nondiscriminatory basis without regard to race, color, religion, national origin, age, sex, handicap or marital status.

FOR OFFICE USE ONLY

NRI#_____ Date initially rec'd _____ Date all rec'd _____ Board Meeting _____
Fee Due $_____ Fee Paid $ _____ Check #_____ Over/Under Payment _____ Refund Due_____

[redacted]

JPC TREE CARE LLC

J.P.C. TREE CARE
Jhon P. Cordero
1079 SARD AVE
MONTGOMERY, IL 60538
630-449-7923

Naperville Bank and Trust
555 Fort Hill Drive
Naperville, IL 60540
70-2538/719

1/21/2021

PAY TO THE ORDER OF Kndall County SCWD $**735.00

Seven Hundred Thirty-Five and 00/100********** DOLLARS

Kndall County SCWD

VALID VALID VALID VALID VALID VALID

AUTHORIZED SIGNATURE

MEMO Bristol Property

[redacted]

HEAT SENSITIVE

[redacted]

J.P.C. TREE CARE

Kndall County SCWD		1/21/2021	
	Bristol Property Application		735.00

Naperville Bank (7501	Bristol Property	735.00

EcoCAT
Ecological Compliance Assessment Tool

Applicant:	Cordero Real Estate, LLC	*IDNR Project Number:*	2109119
Contact:	Daniel J. Kramer	*Date:*	01/06/2021
Address:	1079 Sard Avenue Montgomery, IL 60538		
Project:	JPC Tree		
Address:	1079 Sard Avenue, Montgomery		

Description: To operate a tree business that grows trees. Removes trees for customers at other locations, mulches the trees and then sells the mulch

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Mottled Sculpin *(Cottus bairdii)*

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Kendall

Township, Range, Section:
37N, 7E, 5
37N, 7E, 6



IL Department of Natural Resources Contact
Adam Rawe
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
Kendall County Planning, Building, & Zoning
Matt Asselemeier
111 W Fox Street
Yorkville, Illinois 60560

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

IDNR Project Number: 2109119

EcoCAT
Ecological Compliance Assessment Tool

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

EcoCAT Receipt

Project Code 2109119

APPLICANT	DATE
Cordero Real Estate, LLC Daniel J. Kramer 1079 Sard Avenue Montgomery, IL 60538	1/6/2021

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
EcoCAT Consultation	$ 125.00	$ 2.81	$ 127.81

TOTAL PAID $ 127.81

Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
217-785-5500
dnr.ecocat@illinois.gov

Illinois Department of
Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
http://dnr.state.il.us

JB Pritzker, Governor
Colleen Callahan, Director

February 03, 2021

Daniel J. Kramer
Cordero Real Estate, LLC
1079 Sard Avenue
Montgomery, IL 60538

RE: JPC Tree
Project Number(s): 2109119
County: Kendall

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

[redacted]

Adam Rawe
Division of Ecosystems and Environment
217-785-5500

WETLAND DELINEATION REPORT

CORDERO PROPERTY

BRISTOL TOWNSHIP, KENDALL COUNTY, ILLINOIS

Prepared for: Mr. John Cordero c/o
Mr. Daniel J. Kramer
1107A S. Bridge Street
Yorkville, IL 60560

Date Prepared: July 28, 2020

ENCAP, Inc. Project #: 20-0617B

ENCAP
INCORPORATED

2585 Wagner Ct.
DeKalb, IL 60115
Phone: 815.748.4500
Fax: 815.748.4255
www.encapinc.net

WETLAND DELINEATION REPORT

Cordero Property / Daniel J. Kramer

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Specific Description of Identified Water Resources	7
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Attachments

USFWS Section 7 Consult. Review Summary + Official Threatened & Endangered Species List
IDNR EcoCAT Natural Resource Review Results
Floristic Quality Data Sheets
Wetland Determination Data Forms
Site Photographs
NRCS Precipitation Data Analysis Worksheet
WETS Station Data
Historical Aerial Slide Photographs: 1994, 1995, 1996, 1999, 2000-WET, 2001
Exhibits

- A – Location Map
- B – National Wetlands Inventory
- C – Soil Map
- D – 2018 USGS Topographic Map
- E – FEMA Flood Insurance Rate Map
- F – ISHPO HARGIS Map
- G – Aerial Photograph

WETLAND DELINEATION REPORT

Project Name and Client: Cordero Property / Mr. Daniel J. Kramer

Project Number: 20-0617B

Location: Illinois, Kendall County, Bristol Township, Unincorporated, T37N R7E, SE ¼ of Section 6 & SW ¼ of Section 5
Latitude 41.708826; Longitude -88.469676

Date of Site Visit: July 2, 2020

Field Investigators: S. Rowley, CWS, PWS & K. Smit

EXECUTIVE SUMMARY

The project area (approximately 25.5 acres in size) is located to the northeast of Bristol, Kendall County, Illinois (Exhibit A: Location Map). The project area, as presented in this report, represents the property limits investigated by ENCAP, Inc. for the presence of regulated surface water resources. These limits do not necessarily reflect the boundaries of any proposed development activities. The project area is generally bounded by Galena Road to the north, a private concrete company to the south, an off-site wetland and cropland to the west, and E Beecher Road to the east. The project area is located within the Rob Roy Creek watershed, a part of the Fox River watershed.

The project area consists of agricultural land currently in production, fallow agricultural land, wetland, a wooded drainageway, and an abandoned residential lot. The project area generally decreases in elevation from north to south. The north-central portion of the project area consists of an upland forest with an herbaceous understory, which used to be a private residence property. An old barn and concrete foundations are located in the upland woodland. The northwest portion of the project area consists of an agricultural field currently in production with row crops of corn (*Zea mays*). The central portion of the project area consists of a fallow agricultural field dominated by annual weeds. The southern portion of the project area consists of wetland with emergent, wet-mesic, and scrub-shrub communities. A tributary of Rob Roy Creek flows through the southern portion of the project area from west to east.

Three wetlands totaling approximately 10.04 acres were identified on the project area. Two wetlands are considered farmed wetlands and total 0.74 acres. The limits of Farmed Wetland 2 were identified using protocol established by the U.S. Department of Agriculture and were not staked, while the limits of Farmed Wetland 1 were field staked. One non-farmed wetland was identified on-site and totals approximately 9.30 acres. Non-farmed wetland boundaries were identified and staked using methods sanctioned by the United States Army Corps of Engineers. Non-farmed wetland acreages provided in this report are estimations; a survey of the staked wetland boundaries must be performed in order to obtain exact size and location information.

Basic information regarding wetland regulations may be found in the Regulatory Statement portion of this report. Briefly, the U.S. Army Corps of Engineers (USACE) regulates all Waters of the United States that are currently or historically navigable and all wetlands that are connected to or associated with these waterways. The Kendall County Stormwater

Management Ordinance provides for the protection of wetlands and other depressional storage areas from damaging modifications and adverse changes in runoff quality and quantity associated with land developments. It appears that Wetland 1 and Farmed Wetland 1 are likely regulated by the USACE since they are directly associated with a tributary of Rob Roy Creek, which connects to the Fox River. Farmed Wetland 2 may be considered to be isolated and therefore not regulated by the USACE; however, it would be regulated by Kendall County instead. The USACE, however, must make a final determination regarding jurisdictional status.

Based on a July 27, 2020 review of the U.S. Fish and Wildlife Service (USFWS) technical assistance website, sensitive (federally threatened or endangered) plant or animal species habitat for the Indiana Bat, Northern Long-eared Bat, and Eastern Prairie Fringed Orchid could be located on or adjacent to the project area (see attached USFWS Review Summary). In order to determine the presence of potential Orchid habitat, the species list for Wetland 1 was reviewed and compared to the list of associate species as listed on the USFWS Section 7 consultation website. The guidance states that if 4 or more species from the list are present at the site, then they recommend conducting a search for the Orchid during its bloom period, approximately June 28 to July 11. After careful review of the species list, we have found that the site contains 10 listed associate species, including: *Carex* sp., Blue Joint Grass (*Calamagrostis canadensis*), Common Boneset (*Eupatorium perfoliatum*), Grass-leaved Goldenrod (*Euthamia graminifolia*), Sawtooth Sunflower (*Helianthus grosseserratus*), Blueflag Iris (*Iris virginica shrevei*), Common Mountain Mint (*Pycnanthemum virginiana*), Late Goldenrod (*Solidago gigantea*), Panicled Aster (*Symphyotrichum lanceolatum),* and New England Aster (*Symphyotrichum novae-angliae*). **Therefore, ENCAP, Inc. concludes that the aforementioned site does contain suitable habitat for the Eastern Prairie Fringed Orchid. Any impacts to Wetland 1 or its 100-foot buffer may require further USFWS coordination. If impacts to the wetland cannot be avoided, a field survey must be conducted to determine orchid presence on three non-consecutive days between the orchid's bloom period (June 28-July 11) in 2021.**

Due to the abundance of large mature woodland trees, containing Black Willow (*Salix nigra*), Silver Maple (*Acer saccharinum*), Green Ash (*Fraxinus pennsylvanica*), Eastern Cottonwood (*Populus deltoides*), and American Elm (*Ulmus americana*), there is a possibility for potential summer roosting habitat for both the Indiana Bat and Northern Long-Eared Bat. These species require roosting habitat in the exfoliated bark of large trees, as well as standing dead snags. **ENCAP, Inc. recommends that further consultation and coordination with the USFWS be initiated prior to and during project permitting, in order to obtain guidance for this listed species. However, typically if tree removal is conducted during the winter months (October 31-April 1), further species surveys are not necessary.**

According to the Illinois Department of Natural Resources (IDNR), state-listed sensitive (threatened or endangered) plant or animal species are not known to exist within the vicinity of the project area (see attached IDNR EcoCAT Results Report). This project was submitted for information only. If further permitting is required for site development, additional consultation will be required from the IDNR (see attached correspondence).

At the time of this wetland delineation report, current regulations state that this delineation is valid for 3 years from the date of site visit.

PROJECT PURPOSE

The purpose of the site visit was to identify regulated surface water resources on, or within 100 feet of the project area. A floodplain determination was not included as part of our investigation. On-site wetland areas encountered were delineated using standard methods sanctioned by the United States Army Corps of Engineers in the Corps of Engineers Wetlands Delineation Manual (1987) and 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region and the United States Department of Agriculture National Food Security Act Manual (1994 and 1996). Plant observations were made for calculating the Coefficient of Conservatism (ĉ) and Floristic Quality Index (FQI) for each wetland plant community using the Wilhelm method (Swink and Wilhelm, 1994).

METHODS

1987 USACE Wetland Delineation Manual and 2010 Midwest Regional Supplement.

Prior to the site visit, a preliminary site evaluation is performed using aerial photography and natural resource mapping. Potential wetland areas identified by these resources are evaluated in the field to determine if they meet the requirements for a wetland based on the USACE parameters of vegetation, hydrology, and soils. In general, positive indication of each of the three parameters must be demonstrated to classify an area as wetland. Each of these parameters is discussed below.

- **Vegetation** – Three vegetative indicators are applied to plant communities in order to determine if the hydrophytic vegetation criterion is met.
  1. More than 50% of the dominant plant species across all strata must be hydrophytic (water tolerant). The U.S. Army Corps of Engineers has prepared a regional list of plants occurring in wetlands which assigns the plant species different indicators. Wetland plants fall into three indicator classes based on differing tolerances to water level and soil saturation. These indicators are rated obligate wetland (OBL), facultative wetland (FACW), or facultative (FAC). Dominant plant species are recorded at sample points within investigated areas.
  2. The prevalence index is 3.0 or less. The prevalence index is a weighted-average wetland indicator status of all plant species in a sampling plot. Each indicator status category is given a numeric value (OBL = 1, FACW = 2, FAC = 3, FACU = 4, and UPL = 5) and weighting is by abundance. A prevalence index of 3.0 or less indicates that hydrophytic vegetation is present. The prevalence index is used to determine whether hydrophytic vegetation is present on sites where indicators of hydric soil and wetland hydrology are present but the vegetation initially fails the dominance test.
  3. The plant community passes either the dominance test (Indictor 1) or the prevalence index (Indicator 2) after reconsideration of the indicator status of certain plant species that exhibit morphological adaptations for life in wetlands. Common morphological adaptations include but are not limited to adventitious roots, multi-stemmed trunks, shallow root systems developed on or near the soil surface, and buttressing in tree species. To apply this indicator, these morphological features must be observed on more than 50% of the individuals of a FACU species living in an area where indicators of hydric soil and wetland hydrology are present.

- **Hydrology** – To be considered a wetland, an area must have 14 or more consecutive days of flooding or ponding, or a water table 12 inches or less below the soil surface, during the growing season at a minimum frequency of 5 years in 10. Wetland hydrology indicators are divided into four groups as described below:
  - **Group A** – indicators are based on the direct observation of surface water or groundwater during a site visit.
  - **Group B** – consists of evidence that the site is subject to flooding or ponding, although it may not be inundated currently. These indicators include water marks, drift deposits, sediment deposits, and similar features.
  - **Group C** – consists of other evidence that the soil is saturated currently or was saturated recently. Some of these indicators, such as oxidized rhizopheres surrounding living roots and the presence of reduced iron or sulfur in the soil profile, indicate that the soil has been saturated for an extended period.

- **Group D** – consists of landscape and vegetation characteristics that indicate contemporary rather than historical wet conditions. These indicators include stunted or stressed plants, geomorphic position, and the FAC-neutral test.

Wetland hydrology indicators are intended as one-time observations of site conditions that are sufficient evidence of wetland hydrology. Within each group, indicators are divided into two categories – *primary* and *secondary*. One primary indicator from any group is sufficient to conclude that wetland hydrology is present. In the absence of a primary indicator, two or more secondary indicators from any group are required to conclude that wetland hydrology is present.

- **Soils** - To be considered a wetland, an area must contain hydric soil. Hydric soils are formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic (lacking oxygen) conditions in the upper part. Soils generally, but not always, will develop indicators that are formed predominantly by the accumulation or loss of iron, manganese, sulfur, or carbon compounds in a saturated and anaerobic environment. The most current edition of the United States Department of Agriculture, Natural Resource Conservation Service *Field Indicators of Hydric Soils in the United States* is used for identification of hydric soils. Field indicators of hydric soils include but are not limited to the presence of any of the following: histic epipedon, sulfidic odor, at least 2 centimeters of muck, depleted matrix, and/or redoximorphic features. Field indicators are usually examined in the top 24 inches of the soil. Soil colors are determined using *Munsell Soil Color Charts*.

In most circumstances areas meeting these three criteria are staked in the field for surveying purposes. Boundaries are demarcated in the field with pink flagged pin stakes labeled "WETLAND DELINEATION." Staked boundaries are mapped on an aerial photograph included in this report. Approximate off-site wetland boundaries are identified on the aerial photograph and were determined using available aerial photographs, wetland maps, and field observation.

Farmed Wetland Determinations.

ENCAP, Inc. conducted a wetland determination on the farmed portion of the project area and off-site farmed portion immediately adjacent to the property using National Food Security Act Manual (NFSAM) methodology. Aerial photographs are reviewed in order to identify potential farmed wetland signatures. The identified suspect areas are then field investigated to confirm that the areas are in fact wetlands. Copies of the aerial photographs used in identifying farmed wetlands are included in this report.

MAP REVIEW

- The **National Wetlands Inventory** identifies one *Riverine, Intermittent, Streambed, Seasonally Flooded (R4SBC)* waterway within the southern portion of the project area; one *Palustrine, Emergent, Persistent, Seasonally Flooded, Partially Drained/Ditched (PEM1Cd)* wetland within the southern portion of the project area; and one *Palustrine, Unconsolidated Bottom, Intermittently Exposed, Excavated (PUBGx)* wetland within the southwestern portion of the project area (Exhibit B).

- The **Soil Map** identifies the following soils within the project area: La Rose silt loam, 5 to 10 percent slopes, eroded (60C2); Harpster silty clay loam, 0 to 2 percent slopes (67A); Brenton silt loam, 0 to 2 percent slopes (149A); Drummer silty clay loam, 0 to 2 percent slopes (152A); Danabrook silt loam, 2 to 5 percent slopes (512B); Clare silt loam, 2 to 5 percent slopes (663B); and Pits, gravel (865). Drummer silty clay loam and Harpster silty clay loam are considered hydric in Kendall County (Exhibit C).

- The **2018 United States Geological Survey (USGS) Topographic Map** identifies wetland marsh in the south-central portion of the project area (Exhibit D).

- The **FEMA Flood Insurance Rate Map** identifies the project area outside the 500-year floodplain (Exhibit E).

- The **Illinois State Historic Preservation Office (ISHPO) Historic Architectural Resources Geographic Information System (HARGIS) Map** does not identify any historic archaeological remains or properties within the project area (Exhibit F).

SPECIFIC DESCRIPTION OF IDENTIFIED WATER RESOURCES

Wetland 1. This wetland (approximately 9.30 acres in on-site size) is located within the southern and eastern portions of the project area. Wetland 1 appears to receive overland hydrological flows from the west and north, and flows off-site to the east through a culvert underneath Beecher Road. Wetland 1 extends off-site to the west, south, and east. Wetland 1 is associated with an unnamed tributary of Rob Roy Creek, a channelized drainageway system. This unnamed tributary consists of a natural drainageway system, that eventually connects to the Fox River downstream. The channel of the unnamed tributary averages 5-10 feet in width. Its banks (average 1-3 feet in height) are primarily vegetated by invasive, non-native species. At the time of the field investigation, water depth within the channel varied between approximately 1 to 2 feet. Ducks, frogs, and toads were observed utilizing Wetland 1 during the field investigation.

The buffer surrounding Wetland 1 consists of fallow agricultural fields, mature woodland, cropped agricultural land, a mined quarry, disturbed areas, and roadways. Wetland 1 will likely be considered to be jurisdictional by the U.S. Army Corps of Engineers due to its direct connection to Rob Roy Creek and the Fox River. Based on the definition of a high-quality aquatic resource, Wetland 1 would be considered a high quality aquatic resource based on its floristic vegetative quality.

Six sample points were established within and adjacent to Wetland 1 to characterize the vegetation, soils, and hydrology at various plant communities within the on-site portion of the wetland (Exhibit G: Aerial Photograph). The on-site wetland boundaries were demarcated with 127 pink flagged pin stakes.

The on-site portion of Wetland 1 was primarily vegetated by Sandbar Willow (*Salix interior*), Black Willow (*Salix nigra*), Cattail (*Typha angustifolia*), and Reed Canary Grass (*Phalaris arundinacea*). The mapped soil series are Harpster silty clay loam (67A), a hydric soil; Brenton silt loam (149A), a non-hydric soil; Drummer silty clay loam (152A), a hydric soil; Clare silt loam (663B), a non-hydric soil; and Pits gravel (865), a non-hydric soil. USDA field indicators A2: Histic Epipedon, A3: Black Histic, A12: Thick Dark Surface, and F6: Redox Dark Surface provided evidence of hydric soil. High water table, saturation, sediment deposits, drift deposits, inundation visible on aerial imagery, true aquatic plants, drainage patterns, dry-season water table, saturation visible on aerial imagery, geomorphic position, and a positive FAC-neutral test provided evidence of persistent hydrology (See Wetland Determination Data Forms).

The native mean Coefficient of Conservatism (ĉ) for the on-site portion of Wetland 1 was 2.88, and the native Floristic Quality Index (FQI) of Wetland 1 was 26.74 (see attached Floristic Quality Data). These values indicate a high-quality plant community.

Farmed Wetland 1. This wetland (0.64 acres in total size) is located within the east-central portion of the project area. Farmed Wetland 1 is directly connected to Wetland 1 and receives its hydrology from overland flows. Farmed Wetland 1 exhibited wetland signatures in 1 out of 5 historic aerial photographs from years with normal precipitation. The location and acreage of Farmed Wetland 1 were determined through aerial photograph interpretation and field investigation, and its boundaries were field staked by ENCAP, Inc. Based on the definition of a high-quality aquatic resource, Farmed Wetland 1 would not be considered a high quality aquatic resource. No waterfowl or amphibian species were observed while at the project area.

The buffer surrounding Farmed Wetland 1 consists of fallow agricultural fields, disturbed areas, roadways, and Wetland 1. Farmed Wetland 1 will likely be considered to be jurisdictional by the U.S. Army Corps of Engineers due to its direct connection to Rob Roy Creek and the Fox River.

Four sample points were established within and adjacent to Farmed Wetland 1 to characterize the vegetation, soils, and hydrology (Exhibit G: Aerial Photograph). Farmed Wetland 1 was primarily vegetated by Soft-stemmed Bulrush (*Schoenoplectus tabernaemontani*), Sandbar Willow, and Chufa (*Cyperus esculentus*). The mapped soil series are Brenton silt loam (149A), a non-hydric soil; and Clare silt loam (663B), a non-hydric soil. USDA field indicators A10: 2 cm Muck and A12: Thick Dark Surface provided evidence of hydric soil. Surface water, high water table, saturation, drainage patterns, saturation visible on aerial imagery, stunted or stressed plants, geomorphic position, and a positive FAC-neutral test provided evidence of persistent hydrology (See Wetland Determination Data Forms).

The native mean Coefficient of Conservatism (ĉ) for Farmed Wetland 1 was 1.27, and the native Floristic Quality Index (FQI) of Farmed Wetland 1 was 4.91 (see attached Floristic Quality Data). These values indicate a low-quality plant community.

Farmed Wetland 2. This wetland (0.10 acres in total size) is located within the northwestern portion of the project area. Farmed Wetland 2 appears to receive direct overland flows from a culvert underneath Galena Road to the north. In larger, significant rain events, it is possible that overland stormwater flows from Farmed Wetland 2 southeast into the swale of Wetland 1; however, no direct connections to navigable waters were identified on-site. Farmed Wetland 2 exhibited wetland signatures in 4 out of 5 historic aerial photographs from years with normal precipitation. The location and acreage of Farmed Wetland 2 were determined through aerial photograph interpretation and field investigation, and its boundaries were not field staked by ENCAP, Inc. Based on the definition of a high-quality aquatic resource, Farmed Wetland 2 would not be considered a high quality aquatic resource. No waterfowl or amphibian species were observed while at the project area.

The buffer surrounding Farmed Wetland 2 consists of active agricultural fields. Farmed Wetland 2 appears to be isolated and therefore may not be under the jurisdiction of the U.S. Army Corps of Engineers; however, the wetland would be regulated by Kendall County through implementation of the County Stormwater Ordinance.

One sample point was established within Farmed Wetland 2 to characterize the vegetation, soils, and hydrology (Exhibit G: Aerial Photograph). Farmed Wetland 2 was primarily vegetated by Corn. The mapped soil series is Drummer silty clay loam (152A), a hydric soil. USDA field indicators A12: Thick Dark Surface and F6: Redox Dark Surface provided evidence of hydric soil. Surface soil cracks, drainage patterns, saturation visible on aerial imagery, stunted or stressed plants, geomorphic position, and a review of historic aerial photographs provided evidence of persistent hydrology (See Wetland Determination Data Forms).

The native mean Coefficient of Conservatism (ĉ) for Farmed Wetland 2 was 0.0, and the native Floristic Quality Index (FQI) of Farmed Wetland 2 was 0.0 (see attached Floristic Quality Data). These values indicate a low-quality plant community.

INVESTIGATION OF FARMED AREAS

During the field investigation, the northwestern and central portions of the site consisted of agricultural land. ENCAP, Inc. evaluated Farm Service Agency (FSA) aerial photographs (slides) year-by-year using NRCS wetland signature criteria. Wetland signatures consist of wetland vegetation, surface water, drowned-out crops, patches of greener vegetation, and avoided areas. Areas exhibiting wetland signatures in >50% or more of reviewed aerial photographs and containing hydric soil are considered farmed wetlands. Additionally, if areas do not exhibit wetland signatures in >50% or more of reviewed aerial photographs but do exhibit positive primary or secondary wetland hydrology indicators in the field, they are also considered farmed wetlands. See the attached aerial photographs for years reviewed and wetland signatures observed. WETS Station data from Aurora, Illinois (closest location available) is also attached.

Table 1. Slide Analysis Summary
Mr. Daniel J. Kramer/ Cordero Property

Year	FSA Slide Source	Precipitation	Sample Points Type of Signature / Corresponding Number				
			E	F	G	H	K
1994	Kendall Co. SWCD	Normal	N	N	D/3	N	D/1
1995	Kendall Co. SWCD	Normal	N	N	N	N	N
1996	Kendall Co. SWCD	Normal	N	N	N	N	D/1
1999	Kendall Co. SWCD	Normal	N	N	N	N	D/1
2000	Kendall Co. SWCD	WET	N	N	N	N	D/1
2001	Kendall Co. SWCD	Normal	N	N	N	N	D/1
Percent wetland signatures present in years with normal precipitation			0%	0%	20%	0%	80%
Hydric soil present based on field inspection			Yes	Yes	Yes	Yes	Yes
Identified as wetland on the NWI			No	No	No	No	No
Qualifies as Farmed Wetland			Yes*	No	Yes*	No	Yes

D=Discoloration
N=No Wetland Signatures Observed
Y= Yes / Identified
*Although this area displayed wetland signatures in less than 50% of the reviewed aerials, this area displayed positive primary and secondary wetland hydrology indicators in the field, and is therefore considered a farmed wetland.

ADDITIONAL AREAS INVESTIGATED FOR WETLAND STATUS

One additional vegetated site located within the project area was examined to determine if it satisfied wetland criteria. It did not so qualify; therefore, it is referred to as an Investigated Area in this report. The area is briefly described herein and a USACE data form is provided to support our negative findings (See USACE data forms).

Investigated Area 1. This investigated area is located in the northern portion of the project area (Exhibit G: Aerial Photograph – Sample Point L). This area was investigated because it contained a mixture of hydrophytic and upland vegetation.

Investigated Area 1 was primarily vegetated by Reed Canary Grass. The mapped soil series is Danabrook silt loam (512B), a non-hydric soil. The field investigated soils did not exhibit hydric characteristics. Evidence of persistent hydrology was not observed (See Wetland Determination Data Forms).

Based on the non-persistent hydrology and the presence of non-hydric soil, Investigated Area 1 does not qualify as wetland.

REGULATORY STATEMENT

Federal Regulations: The deposition of dredged or fill materials into federally jurisdictional wetlands or Waters of the United States is regulated by the USACE under Section 404 of the Clean Water Act.

The Nationwide 39 Permit authorizes 0.1 acre or less of low quality wetlands to be filled without mitigation. If over 0.1 acre is proposed for filling or is subject to secondary impacts, in-kind mitigation may be required at a ratio of 1.5:1, or greater. The aggregate total loss of waters of the U.S. authorized by NWP 39 cannot exceed 0.5 acre or 300 linear feet of streambed.

Under the existing regulations, secondary impacts (both on-site and off-site) from filling also must be evaluated. Mitigation may be required at a higher rate if a project will significantly alter wetland functions such as stormwater detention, water filtration, sediment trapping, and/or wildlife habitat.

Before mitigation will be approved, reasonable proof that avoidance or minimization of wetland impacts has been attempted must be provided to the Corps.

A USACE permit is not required if the wetlands are avoided and construction erosion near a wetland is controlled.

Kendall County Stormwater Management Ordinance: In December 2011 Kendall County adopted a Stormwater Management Ordinance. The ordinance provides for the protection of wetlands and other depressional storage areas from damaging modifications and adverse changes in runoff quality and quantity associated with land developments.

Natural vegetation shall be retained and protected. Areas immediately adjacent to natural watercourses, lakes, ponds, and wetlands shall be left undisturbed during development to the greatest extent possible. In addition, special precautions shall be taken to prevent damages resulting from any development activity adjacent to sensitive areas.

Illinois Department of Natural Resources Agency Action Plans for Interagency Wetlands Policy Act of 1989: The Illinois Interagency Wetlands Policy Act of 1989 is intended to ensure that there is no overall net loss of the State's existing wetland acres or their functional values resulting from State-supported activities. The Act charges State agencies with a further duty to "preserve, enhance and create wetlands where necessary to increase the quality and quantity of the State's wetland resource base."

The Interagency Wetlands Policy Act of 1989 states that any construction, land management or other activity performed by, or for which financial assistance is administered or provided by, a State agency that will result in an adverse impact to a wetland shall be subject to compliance. This includes, but is not limited to the following:

- The alteration, removal, excavation, or dredging of soil, sand, gravel, minerals, organic matter, vegetation, or naturally occurring minerals of any kind from a wetland;
- The discharge or deposit of fill material or dredged material in a wetland;
- The alteration of existing drainage characteristics, sedimentation patterns, or flood retention characteristics of a wetland;
- The disturbance of water level or water table of a wetland;

- The destruction or removal of plant life that would alter the character of a wetland, except for activities undertaken in accordance with the Illinois Noxious Weed Act;
- The transfer of State owned wetlands to any entity other than another state agency; and
- Other actions that cause or may cause adverse wetland impacts.

The Act is to be implemented through a State Wetland Mitigation Policy. The State Wetland Mitigation Policy requires preservation of wetlands as the primary objective. Where adverse wetland impacts are unavoidable, progressive levels of compensation based upon the level of impact to the existing wetland and the location of compensation wetlands are required.

Archaeological Survey Requirements: An archaeological survey may be required before a Section 404 permit will be issued for wetland impacts. The U.S. Army Corps of Engineers will make this determination as part of the permit application review. The archaeological survey must cover all areas of the project area, not wetlands only. If you already have a letter from the Illinois State Historic Preservation Office (ISHPO) stating an archaeological survey is required, you should act on it because the USACE will support this notification.

RECOMMENDATIONS

Three wetlands totaling approximately 10.04 acres were identified on the project area. The boundaries of Farmed Wetland 2 were not field staked by ENCAP, Inc. Farmed wetland boundaries must be scaled from the attached aerial photograph (Exhibit G) onto the property boundary survey.

The U.S. Army Corps of Engineers has the final authority in determining the jurisdictional status of the wetlands identified on site. ENCAP, Inc. recommends that a request for jurisdictional determination be sent to the U.S. Army Corps of Engineers as soon as possible.

Any impacts to jurisdictional wetland, Waters of the U.S., or associated buffers will require U.S. Army Corps of Engineers and County notification. ENCAP, Inc. can assist you with the request for jurisdictional determination, permit applications, agency negotiations, wetland design plans, and mitigation plans which may be applicable to your project. The wetland consultant should be involved during the planning and design stages of the project to avoid complications with the agencies after the plan has been drafted. Proper planning regarding wetlands can reduce delays caused by the permitting process and costly changes in site plans.

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USFWS Section 7 Consultation Review Summary
+ Official Threatened & Endangered Species List

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July 27, 2020

U.S. Fish and Wildlife Service
Rock Island Illinois Field Office
1511 47th Ave
Moline, Illinois 61265

Re: USFWS Review Summary - Section 7 Endangered Species Act Consultation
Project: Cordero Property, located in Illinois, Kendall County, Bristol Township, Unincorporated, T37N R7E Sections 5&6; Latitude 41.708717 N; Longitude -88.469683 W
ENCAP, Inc. project # 20-0617B
Client: Mr. Daniel J. Kramer

The project area consists of approximately 25.5 acres of wetland, agricultural land currently in production with Corn (*Zea mays*), fallow agricultural land, a wooded drainageway, and a wooded, abandoned residential lot. The proposed project includes the potential development of a mulch storage yard with an associated building.

ENCAP, Inc. carefully reviewed the U.S. Fish and Wildlife Service (USFWS) technical assistance website on July 27, 2020, for federally listed threatened and endangered species. According to the website, 3 species are listed and may be present in Kendall County: the Indiana Bat, Northern Long-eared Bat, and Eastern Prairie Fringed Orchid.

A few types of habitat exist on the project area. The southern portion of the project area consists of Wetland 1, which is dominated by Sandbar Willow (*Salix interior*), Black Willow (*Salix nigra*), Cattail (*Typha angustifolia*), and Reed Canary Grass (*Phalaris arundinacea*). Wetland 1 continues off-site to both the east and west. With a native mean C-Value of 2.88 and a native FQI value of 26.74, Wetland 1 is considered a high quality aquatic resource. While invasive species dominate the wetland in general, the wetland fringes and some pockets are undisturbed sedge meadow and wet-mesic habitats, and contain a high number of conservative native species, dominated by sedges and forbes. A tributary of Rob Roy Creek flows through the central portion of the wetland from west to east. The tributary has an average depth of 1-2 feet, width of 5-10 feet, and banks 1-3 feet. The bottom of the tributary consisted of muck and silt. The area surrounding the tributary consists of a wooded corridor with mature Black Willow trees, Sandbar Willow shrubs, and herbaceous wetland groundcover. A portion of Wetland 1 consists of a wooded swale. It receives water through overland flow from the Corn field to the west and flows south, into Off-Site Wetland 1. The Wetland 1 Swale is dominated by Box Elder (*Acer negundo*), White Mulberry (*Morus alba*), and Canadian Honewort (*Cryptotaenia canadensis*).

The agricultural land consists of agricultural row crops and a fallow field, dominated by annual weeds, which has been farmed within the last five years. The southern portion of the fallow field consists of Farmed Wetland 1, which is adjacent to Wetland 1. It is dominated by Soft-stemmed Bulrush (*Schoenoplectus tabernaemontani*), Sandbar Willow, and Chufa (*Cyperus esculentus*).

A portion of Farmed Wetland 1's hydrology originates from overland flow from the surrounding area and other portions originate from a hillside seep. The northwestern field of Corn contains a low-quality farmed wetland. The north-central portion of the project area consists of an upland forest with an herbaceous understory, which used to be a private residence property.

In order to determine the presence of potential Orchid habitat, the species list for Wetland 1 was reviewed and compared to the list of associate species as listed on the USFWS Section 7 consultation website. The guidance states that if 4 or more species from the list are present at the site, then they recommend conducting a search for the Orchid during its bloom period, approximately June 28 to July 11. After careful review of the species list, we have found that the site contains 10 listed associate species, including: *Carex* sp., Blue Joint Grass (*Calamagrostis canadensis*), Common Boneset (*Eupatorium perfoliatum*), Grass-leaved Goldenrod (*Euthamia graminifolia*), Sawtooth Sunflower (*Helianthus grosseserratus*), Blueflag Iris (*Iris virginica shrevei*), Common Mountain Mint (*Pycnanthemum virginiana*), Late Goldenrod (*Solidago gigantea*), Panicled Aster (*Symphyotrichum lanceolatum),* and New England Aster (*Symphyotrichum novae-angliae*). **Therefore, ENCAP, Inc. concludes that the aforementioned site does contain suitable habitat for the Eastern Prairie Fringed Orchid. Any impacts to Wetland 1 or its 100-foot buffer may require further USFWS coordination. If impacts to the wetland cannot be avoided, a field survey must be conducted to determine orchid presence on three non-consecutive days between the orchid's bloom period (June 28-July 11) in 2021.**

Due to the abundance of large mature woodland trees, containing Black Willow, Silver Maple (*Acer saccharinum*), Green Ash (*Fraxinus pennsylvanica*), Eastern Cottonwood (*Populus deltoides*), and American Elm (*Ulmus americana*), there is a possibility for potential summer roosting habitat for both the Indiana Bat and Northern Long-Eared Bat. These species requires roosting habitat in the exfoliated bark of large trees, as well as standing dead snags. **ENCAP, Inc. recommends that further consultation and coordination with the USFWS be initiated prior to and during project permitting, in order to obtain guidance for this listed species. However, typically if tree removal is conducted during the winter months (October 31-April 1), further species surveys are not necessary.**

ENCAP, Inc. concludes that this project may contain the Indiana Bat, Northern Long-Eared Bat, or Eastern Prairie Fringed Orchid species, their habitats, or designated critical habitat. If tree clearing is conducted during the winter months and a 100 foot buffer is established around Wetland 1, it is likely the Cordero Property development project will have "no effect" on these species. If wetland, wetland buffer, or tree removal impacts occur, however, there will likely be negative impacts to the aforementioned species and further coordination with the USFWS will be required.



Susan Rowley, PWS, CWS, LEED AP
Assistant Vice President/ Ecological Consulting Director
ENCAP, Inc.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To:
Consultation Code: 03E18000-2020-SLI-2271
Event Code: 03E18000-2020-E-05410
Project Name: Cordero Property

July 27, 2020

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project "may affect" listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website http://ecos.fws.gov/ipac/ at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - http://www.fws.gov/midwest/endangered/section7/s7process/index.html. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all wind energy projects, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.) and Migratory Bird Treaty Act (16 U.S.C. 703 et seq), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Wetlands

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
(309) 757-5800

Project Summary

Consultation Code: 03E18000-2020-SLI-2271

Event Code: 03E18000-2020-E-05410

Project Name: Cordero Property

Project Type: DEVELOPMENT

Project Description: The proposed project involves the potential development of the site.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/41.70790709984422N88.46901027197637W



Counties: Kendall, IL

Endangered Species Act Species

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat *Myotis sodalis* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Flowering Plants

NAME	STATUS
Eastern Prairie Fringed Orchid *Platanthera leucophaea* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/601	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Wetlands

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

FRESHWATER EMERGENT WETLAND

- PEM1Cd

FRESHWATER POND

- PUBGx

RIVERINE

- R4SBC

IDNR EcoCAT Natural Resources Review Results

EcoCAT
Ecological Compliance Assessment Tool

Applicant: ENCAP, Inc.
Contact: Kara Smit
Address: [redacted]

IDNR Project Number: 2101400
Date: 07/27/2020
Alternate Number: 20-0617B

Project: Cordero Property
Address: SWC of Galena Road & E Beecher Road, Bristol

Description: The proposed project includes the potential development of the site.

Natural Resource Review Results

This project was submitted for information only. It is not a consultation under Part 1075.

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Kendall

Township, Range, Section:
37N, 7E, 5
37N, 7E, 6
37N, 7E, 7
37N, 7E, 8



IL Department of Natural Resources Contact
Impact Assessment Section
217-785-5500
Division of Ecosystems & Environment

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

IDNR Project Number: 2101400

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

IDNR Project Number: 2101400

EcoCAT
Ecological Compliance Assessment Tool

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

EcoCAT Receipt

Project Code 2101400

APPLICANT	DATE
ENCAP, Inc. Kara Smit [redacted]	7/27/2020

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
EcoCAT Consultation	$ 25.00	$ 1.00	$ 26.00

TOTAL PAID $ 26.00

Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
217-785-5500
dnr.ecocat@illinois.gov

Floristic Quality Data Sheets

SITE: Cordero Property
LOCALE: Wetland 1
BY: S. Rowley & K. Smit
NOTES: 7.2.2020

CONSERVATISM-BASED METRICS		ADDITIONAL METRICS	
MEAN C (NATIVE SPECIES)	2.88	SPECIES RICHNESS (ALL)	121
MEAN C (ALL SPECIES)	2.05	SPECIES RICHNESS (NATIVE)	86
MEAN C (NATIVE TREES)	2.14	% NON-NATIVE	0.29
MEAN C (NATIVE SHRUBS)	2.33	WET INDICATOR (ALL)	-0.32
MEAN C (NATIVE HERBACEOUS)	2.99	WET INDICATOR (NATIVE)	-0.69
FQAI (NATIVE SPECIES)	26.74	% HYDROPHYTE (MIDWEST)	0.70
FQAI (ALL SPECIES)	22.55	% NATIVE PERENNIAL	0.60
ADJUSTED FQAI	24.31	% NATIVE ANNUAL	0.10
% C VALUE 0	0.40	% ANNUAL	0.13
% C VALUE 1-3	0.30	% PERENNIAL	0.81
% C VALUE 4-6	0.26		
% C VALUE 7-10	0.03		

SPECIES ACRONYM	SPECIES NAME (NWPL/ MOHLENBROCK)	SPECIES (SYNONYM)	COMMON NAME	C VALUE	MIDWEST WET INDICATOR	NC-NE WET INDICATOR	WET INDICATOR (NUMERIC)	HABIT	DURATION	NATIVITY
aceneg	Acer negundo	Acer negundo var. violaceum	Ash-Leaf Maple		0 FAC	FAC	0	Tree	Perennial	Native
acesai	Acer saccharinum	Acer saccharinum	Silver Maple		1 FACW	FACW	-1	Tree	Perennial	Native
agrpar	Agrimonia parviflora	Agrimonia parviflora	Harvestlice		4 FACW	FAC	-1	Forb	Perennial	Native
agralb	Agrostis gigantea	AGROSTIS ALBA	Black Bent		0 FACW	FACW	-1	Grass	Perennial	Adventive
amaret	Amaranthus retroflexus	AMARANTHUS RETROFLEXUS	Red-Root		0 FACU	FACU	1	Forb	Annual	Adventive
ambart	Ambrosia artemisiifolia	Ambrosia artemisiifolia elatior	Annual Ragweed		0 FACU	FACU	1	Forb	Annual	Native
ambtri	Ambrosia trifida	Ambrosia trifida	Great Ragweed		0 FAC	FAC	0	Forb	Annual	Native
ampbra	Amphicarpaea bracteata	Amphicarpaea bracteata	American Hog-Peanut		5 FAC	FAC	0	Vine	Annual	Native
anecan	Anemone canadensis	Anemone canadensis	Round-Leaf Thimbleweed		4 FACW	FACW	-1	Forb	Perennial	Native
antsyl	Anthriscus sylvestris	ANTHRISCUS SYLVESTRIS	Chervil		0 UPL	UPL	2	Forb	Biennial	Adventive
apocan	Apocynum cannabinum	Apocynum sibiricum	Indian-Hemp		2 FAC	FAC	0	Forb	Perennial	Native
arcmin	Arctium minus	ARCTIUM MINUS	Lesser Burrdock		0 FACU	FACU	1	Forb	Biennial	Adventive
ascsyr	Asclepias syriaca	Asclepias syriaca	Common Milkweed		0 FACU	UPL	1	Forb	Perennial	Native
ascver	Asclepias verticillata	Asclepias verticillata	Whorled Milkweed		1 FACU	UPL	1	Forb	Perennial	Native
aspoff	Asparagus officinalis	ASPARAGUS OFFICINALIS	Asparagus		0 FACU	FACU	1	Forb	Perennial	Adventive
bidcer	Bidens cernua	Bidens cernua	Nodding Burr-Marigold		3 OBL	OBL	-2	Forb	Annual	Native
bidfro	Bidens frondosa	Bidens frondosa	Devil's-Pitchfork		1 FACW	FACW	-1	Forb	Annual	Native
broine	Bromus inermis	BROMUS INERMIS	Smooth Brome		0 FACU	UPL	1	Grass	Perennial	Adventive
brotec	Bromus tectorum	BROMUS TECTORUM	Downy Chess		0 UPL	UPL	2	Grass	Annual	Adventive
calcan	Calamagrostis canadensis	Calamagrostis canadensis	Bluejoint		6 OBL	OBL	-2	Grass	Perennial	Native

consep	Calystegia sepium	Convolvulus sepium	Hedge False Bindweed	1 FAC	FAC	0 Forb	Perennial	Native
camrap	Campanula rapunculoides	CAMPANULA RAPUNCULOIDES	European Bellflower	0 UPL	UPL	2 Forb	Perennial	Adventive
cxanne	Carex annectens	Carex annectens xanthocarpa	Yellow-Fruit Sedge	3 FACW	FACW	-1 Sedge	Perennial	Native
cxbebb	Carex bebbii	Carex bebbii	Bebb's Sedge	8 OBL	OBL	-2 Sedge	Perennial	Native
cxblan	Carex blanda	Carex blanda	Eastern Woodland Sedge	1 FAC	FAC	0 Sedge	Perennial	Native
cxconj	Carex conjuncta	Carex conjuncta	Soft Fox Sedge	8 FACW	FACW	-1 Sedge	Perennial	Native
cxcris	Carex cristatella	Carex cristatella	Crested Sedge	4 FACW	FACW	-1 Sedge	Perennial	Native
cxgris	Carex grisea	Carex grisea	Inflated Narrow-Leaf Sedge	3 FAC	FAC	0 Sedge	Perennial	Native
cxhyst	Carex hystericina	Carex hystericina	Porcupine Sedge	7 OBL	OBL	-2 Sedge	Perennial	Native
cxpell	Carex pellita	Carex pellita	Woolly Sedge	4 OBL	OBL	-2 Sedge	Perennial	Native
cxstip	Carex stipata	Carex stipata	Stalk-Grain Sedge	4 OBL	OBL	-2 Sedge	Perennial	Native
cxvulp	Carex vulpinoidea	Carex vulpinoidea	Common Fox Sedge	2 FACW	OBL	-1 Sedge	Perennial	Native
celocc	Celtis occidentalis	Celtis occidentalis	Common Hackberry	2 FAC	FAC	0 Tree	Perennial	Native
cicint	Cichorium intybus	CICHORIUM INTYBUS	Chicory	0 FACU	FACU	1 Forb	Perennial	Adventive
circan	Circaea canadensis	Circaea lutetiana canadensis	Broad-Leaf Enchanter's-Nightshade	3 FACU	FACU	1 Forb	Perennial	Native
cirarv	Cirsium arvense	CIRSIUM ARVENSE	Canadian Thistle	0 FACU	FACU	1 Forb	Perennial	Adventive
cirdis	Cirsium discolor	Cirsium discolor	Field Thistle	3 FACU	UPL	1 Forb	Biennial	Native
corrac	Cornus racemosa	Cornus racemosa	Gray Dogwood	1 FAC	FAC	0 Shrub	Perennial	Native
crycan	Cryptotaenia canadensis	Cryptotaenia canadensis	Canadian Honewort	4 FAC	FAC	0 Forb	Perennial	Native
cypesc	Cyperus esculentus	Cyperus esculentus	Chufa	0 FACW	FACW	-1 Sedge	Perennial	Native
dacglo	Dactylis glomerata	DACTYLIS GLOMERATA	Orchard Grass	0 FACU	FACU	1 Grass	Perennial	Adventive
daucar	Daucus carota	DAUCUS CAROTA	Queen Anne's Lace	0 UPL	UPL	2 Forb	Biennial	Adventive
echcru	Echinochloa crus-galli	Echinochloa crusgalli	Large Barnyard Grass	0 FACW	FAC	-1 Grass	Annual	Native
echlob	Echinocystis lobata	Echinocystis lobata	Wild Cucumber	4 FACW	FACW	-1 Vine	Annual	Native
elepal	Eleocharis palustris	Eleocharis erythropoda; Eleocharis palustris major; Eleocharis smallii; Eleocharis xyridiformis; Eleocharis macrostachya	Common Spike-Rush	1 OBL	OBL	-2 Sedge	Perennial	Native
elyvir	Elymus virginicus	Elymus virginicus	Virginia Wild Rye	3 FACW	FACW	-1 Grass	Perennial	Native
epicol	Epilobium coloratum	Epilobium coloratum	Purple-Leaf Willowherb	3 OBL	OBL	-2 Forb	Perennial	Native
equarv	Equisetum arvense	Equisetum arvense	Field Horsetail	0 FAC	FAC	0 Fern	Perennial	Native
erican	Erigeron canadensis	Conyza canadensis	Canadian Horseweed	0 FACU	FACU	1 Forb	Annual	Native
eupper	Eupatorium perfoliatum	Eupatorium perfoliatum	Common Boneset	4 OBL	FACW	-2 Forb	Perennial	Native
solgra	Euthamia graminifolia	Solidago graminifolia; Solidago graminifolia nuttallii; Euthamia nuttallii	Flat-Top Goldentop	4 FACW	FAC	-1 Forb	Perennial	Native
eupmac	Eutrochium maculatum	Eupatorium maculatum	Spotted Trumpetweed	5 OBL	OBL	-2 Forb	Perennial	Native
frapen	Fraxinus pennsylvanica	Fraxinus pennsylvanica subintegerrima; Fraxinus lanceolata	Green Ash	4 FACW	FACW	-1 Tree	Perennial	Native

galapa	Galium aparine	Galium spurium	Sticky-Willy	0 FACU	FACU	1 Forb	Annual	Native
geucan	Geum canadense	Geum canadense	White Avens	1 FAC	FAC	0 Forb	Perennial	Native
hacvir	Hackelia virginiana	Hackelia virginiana	Beggar's-Lice	1 FACU	FACU	1 Forb	Perennial	Native
helgro	Helianthus grosseserratus	Helianthus grosseserratus	Saw-Tooth Sunflower	4 FACW	FACW	-1 Forb	Perennial	Native
horjub	Hordeum jubatum	HORDEUM JUBATUM	Fox-Tail Barley	0 FAC	FAC	0 Grass	Perennial	Native
irivir	Iris virginica var. shrevei	Iris virginica shrevei	Virginia Blueflag	5 OBL	OBL	-2 Forb	Perennial	Native
junacu	Juncus acuminatus	Juncus acuminatus	Knotty-Leaf Rush	4 OBL	OBL	-2 Forb	Perennial	Native
jundud	Juncus dudleyi	Juncus dudleyi	Dudley's Rush	2 FACW	FACW	-1 Forb	Perennial	Native
juntor	Juncus torreyi	Juncus torreyi	Torrey's Rush	2 FACW	FACW	-1 Forb	Perennial	Native
lacser	Lactuca serriola	LACTUCA SERRIOLA	Prickly Lettuce	0 FACU	FACU	1 Forb	Biennial	Adventive
leeory	Leersia oryzoides	Leersia oryzoides	Rice Cut Grass	3 OBL	OBL	-2 Grass	Perennial	Native
lemmio	Lemna minor	Lemna minor	Common Duckweed	5 OBL	OBL	-2 Forb	Annual	Native
lonmaa	Lonicera maackii	LONICERA MAACKII	Amur Honeysuckle	0 UPL	UPL	2 Shrub	Perennial	Adventive
lontat	Lonicera tatarica	LONICERA TATARICA	Twinsisters	0 FACU	FACU	1 Shrub	Perennial	Adventive
lytsal	Lythrum salicaria	LYTHRUM SALICARIA	Purple Loosestrife	0 OBL	OBL	-2 Forb	Perennial	Adventive
melalb	Melilotus albus	MELILOTUS ALBA	White Sweet-Clover	0 UPL	UPL	2 Forb	Biennial	Adventive
mellof	Melilotus officinalis	MELILOTUS ALBA	Yellow Sweet-Clover	0 FACU	FACU	1 Forb	Biennial	Adventive
mimrin	Mimulus ringens	Mimulus ringens	Allegheny Monkey-Flower	4 OBL	OBL	-2 Forb	Perennial	Native
moralb	Morus alba	MORUS ALBA VAR. TATARICA	White Mulberry	0 FAC	FACU	0 Tree	Perennial	Adventive
pacgla	Packera glabella	SENECIO GLABELLUS	Cress-Leaf Groundsel	0 FACW	FACW	-1 Forb	Annual	Adventive
parqui	Parthenocissus quinquefolia	Parthenocissus quinquefolia	Virginia-Creeper	4 FACU	FACU	1 Vine	Perennial	Native
perhyo	Persicaria hydropiperoides	Polygonum opelousanum adenocalyx	Swamp Smartweed	6 OBL	OBL	-2 Forb	Perennial	Native
permac	Persicaria maculosa	POLYGONUM PERSICARIA	Lady's-Thumb	0 FACW	FAC	-1 Forb	Annual	Adventive
polpen	Persicaria pensylvanica	Polygonum pensylvanicum	Pinkweed	0 FACW	FACW	-1 Forb	Annual	Native
phaaru	Phalaris arundinacea	PHALARIS ARUNDINACEA	Reed Canary Grass	0 FACW	FACW	-1 Grass	Perennial	Adventive
phlpra	Phleum pratense	PHLEUM PRATENSE	Common Timothy	0 FACU	FACU	1 Grass	Perennial	Adventive
phrausu	Phragmites australis ssp. australis	PHRAGMITES AUSTRALIS	Common Reed	0 FACW	FACW	-1 Grass	Perennial	Adventive
plamaj	Plantago major	PLANTAGO MAJOR	Great Plantain	0 FAC	FACU	0 Forb	Perennial	Adventive
poapra	Poa pratensis	POA PRATENSIS	Kentucky Blue Grass	0 FAC	FACU	0 Grass	Perennial	Adventive
popdel	Populus deltoides	Populus deltoides	Eastern Cottonwood	0 FAC	FAC	0 Tree	Perennial	Native
pycvir	Pycnanthemum virginianum	Pycnanthemum virginianum	Virginia Mountain-Mint	5 FACW	FACW	-1 Forb	Perennial	Native
ransce	Ranunculus sceleratus	Ranunculus sceleratus	Cursed Buttercup	4 OBL	OBL	-2 Forb	Annual	Native
rhacat	Rhamnus cathartica	RHAMNUS CATHARTICA	European Buckthorn	0 FAC	FAC	0 Shrub	Perennial	Adventive
ribmis	Ribes missouriense	Ribes missouriense	Missouri Gooseberry	2 UPL	UPL	2 Shrub	Perennial	Native
roscar	Rosa carolina	Rosa carolina	Carolina Rose	5 FACU	FACU	1 Shrub	Perennial	Native
rosmul	Rosa multiflora	ROSA MULTIFLORA	Rambler Rose	0 FACU	FACU	1 Shrub	Perennial	Adventive
rubocc	Rubus occidentalis	Rubus occidentalis	Black Raspberry	0 UPL	UPL	2 Shrub	Perennial	Native
rumcri	Rumex crispus	RUMEX CRISPUS	Curly Dock	0 FAC	FAC	0 Forb	Perennial	Adventive
salint	Salix interior	Salix interior	Sandbar Willow	2 FACW	FACW	-1 Shrub	Perennial	Native
salnig	Salix nigra	Salix nigra	Black Willow	5 OBL	OBL	-2 Tree	Perennial	Native

samcan	Sambucus nigra ssp. canadensis	Sambucus canadensis	Black Elder	4 FAC	FACW	-1 Shrub	Perennial	Native
sanodo	Sanicula odorata	Sanicula gregaria	Clustered Black-Snakeroot	3 FAC	FAC	0 Forb	Perennial	Native
fesela	Schedonorus pratensis	FESTUCA ELATIOR	Meadow False Rye Grass	0 FACU	FACU	1 Grass	Perennial	Adventive
schtab	Schoenoplectus tabernaemontani	Scirpus validus creber	Soft-Stem Club-Rush	3 OBL	OBL	-2 Sedge	Perennial	Native
sciatv	Scirpus atrovirens	Scirpus atrovirens	Dark-Green Bulrush	4 OBL	OBL	-2 Sedge	Perennial	Native
solcar	Solanum carolinense	SOLANUM CAROLINENSE	Carolina Horse-Nettle	0 FACU	FACU	1 Forb	Perennial	Adventive
soldul	Solanum dulcamara	SOLANUM DULCAMARA	Climbing Nightshade	0 FAC	FAC	0 Vine	Perennial	Adventive
solalt	Solidago altissima	Solidago altissima	Tall Goldenrod	1 FACU	FACU	1 Forb	Perennial	Native
solgig	Solidago gigantea	Solidago gigantea	Late Goldenrod	4 FACW	FACW	-1 Forb	Perennial	Native
spapec	Spartina pectinata	Spartina pectinata	Freshwater Cord Grass	4 FACW	FACW	-1 Grass	Perennial	Native
spijap	Spiraea japonica	SPIRAEA JAPONICA	Japanese Meadowsweet	0 UPL	UPL	2 Shrub	Perennial	Adventive
stapil	Stachys pilosa	Stachys palustris homotricha	Hairy Hedge-Nettle	5 FACW	FACW	-1 Forb	Perennial	Native
astsim	Symphyotrichum lanceolatum	Aster simplex	White Panicled American-Aster	3 FAC	FACW	0 Forb	Perennial	Native
astnov	Symphyotrichum novae-angliae	Aster novae-angliae	New England American-Aster	3 FACW	FACW	-1 Forb	Perennial	Native
astpil	Symphyotrichum pilosum	Aster pilosus	White Oldfield American-Aster	0 FACU	FACU	1 Forb	Perennial	Native
sympun	Symphyotrichum puniceum	Aster puniceus; Aster puniceus firmus	Purple-Stem American-Aster	8 OBL	OBL	-2 Forb	Perennial	Native
teucan	Teucrium canadense	Teucrium canadense	American Germander	3 FACW	FACW	-1 Forb	Perennial	Native
toxrad	Toxicodendron radicans	Rhus radicans	Eastern Poison-Ivy	2 FAC	FAC	0 Vine	Perennial	Native
trihyb	Trifolium hybridum	TRIFOLIUM HYBRIDUM	Alsike Clover	0 FACU	FACU	1 Forb	Perennial	Adventive
typang	Typha angustifolia	TYPHA ANGUSTIFOLIA	Narrow-Leaf Cat-Tail	0 OBL	OBL	-2 Forb	Perennial	Adventive
typlat	Typha latifolia	Typha latifolia	Broad-Leaf Cat-Tail	5 OBL	OBL	-2 Forb	Perennial	Native
ulmame	Ulmus americana	Ulmus americana	American Elm	3 FACW	FACW	-1 Tree	Perennial	Native
urtpro	Urtica dioica ssp. gracilis	Urtica procera; Urtica gracilis	Tall Nettle	1 FACW	FAC	-1 Forb	Perennial	Native
verhas	Verbena hastata	Verbena hastata	Simpler's-Joy	4 FACW	FACW	-1 Forb	Perennial	Native
verurt	Verbena urticifolia	Verbena urticifolia var. leiocarpa	White Vervain	2 FAC	FAC	0 Forb	Perennial	Native
veralt	Verbesina alternifolia	Actinomeris alternifolia	Wingstem	5 FACW	FACW	-1 Forb	Perennial	Native
viosor	Viola sororia	Viola priceana	Hooded Blue Violet	3 FAC	FAC	0 Forb	Perennial	Native
vitrip	Vitis riparia	Vitis riparia var. syrticola	River-Bank Grape	1 FACW	FAC	-1 Vine	Perennial	Native

SITE: Cordero Property
LOCALE: Farmed Wetland 1
BY: S. Rowley & K. Smit
NOTES: 7.2.2020

CONSERVATISM-BASED METRICS		ADDITIONAL METRICS	
MEAN C (NATIVE SPECIES)	1.27	SPECIES RICHNESS (ALL)	23
MEAN C (ALL SPECIES)	0.83	SPECIES RICHNESS (NATIVE)	15
MEAN C (NATIVE TREES)	0.00	% NON-NATIVE	0.35
MEAN C (NATIVE SHRUBS)	2.00	WET INDICATOR (ALL)	-0.26
MEAN C (NATIVE HERBACEOUS)	1.31	WET INDICATOR (NATIVE)	-0.33
FQAI (NATIVE SPECIES)	4.91	% HYDROPHYTE (MIDWEST)	0.65
FQAI (ALL SPECIES)	3.96	% NATIVE PERENNIAL	0.39
ADJUSTED FQAI	10.23	% NATIVE ANNUAL	0.22
% C VALUE 0	0.65	% ANNUAL	0.35
% C VALUE 1-3	0.26	% PERENNIAL	0.61
% C VALUE 4-6	0.09		
% C VALUE 7-10	0.00		

SPECIES ACRONYM	SPECIES NAME (NWPL/ MOHLENBROCK)	SPECIES (SYNONYM)	COMMON NAME	C VALUE	MIDWEST WET INDICATOR	NC-NE WET INDICATOR	WET INDICATOR (NUMERIC)	HABIT	DURATION	NATIVITY
amahyb	Amaranthus hybridus	Amaranthus hybridus	Green Pigweed		0 UPL	UPL	2	Forb	Annual	Native
ambart	Ambrosia artemisiifolia	Ambrosia artemisiifolia elatior	Annual Ragweed		0 FACU	FACU	1	Forb	Annual	Native
bidfro	Bidens frondosa	Bidens frondosa	Devil's-Pitchfork		1 FACW	FACW	-1	Forb	Annual	Native
brotec	Bromus tectorum	BROMUS TECTORUM	Downy Chess		0 UPL	UPL	2	Grass	Annual	Adventive
cypesc	Cyperus esculentus	Cyperus esculentus	Chufa		0 FACW	FACW	-1	Sedge	Perennial	Native
echcru	Echinochloa crus-galli	Echinochloa crusgalli	Large Barnyard Grass		0 FACW	FAC	-1	Grass	Annual	Native
eriann	Erigeron annuus	Erigeron annuus	Eastern Daisy Fleabane		0 FACU	FACU	1	Forb	Biennial	Native
erican	Erigeron canadensis	Conyza canadensis	Canadian Horseweed		0 FACU	FACU	1	Forb	Annual	Native
jundud	Juncus dudleyi	Juncus dudleyi	Dudley's Rush		2 FACW	FACW	-1	Forb	Perennial	Native
juntor	Juncus torreyi	Juncus torreyi	Torrey's Rush		2 FACW	FACW	-1	Forb	Perennial	Native
pacgla	Packera glabella	SENECIO GLABELLUS	Cress-Leaf Groundsel		0 FACW	FACW	-1	Forb	Annual	Adventive
permac	Persicaria maculosa	POLYGONUM PERSICARIA	Lady's-Thumb		0 FACW	FAC	-1	Forb	Annual	Adventive
phaaru	Phalaris arundinacea	PHALARIS ARUNDINACEA	Reed Canary Grass		0 FACW	FACW	-1	Grass	Perennial	Adventive
popdel	Populus deltoides	Populus deltoides	Eastern Cottonwood		0 FAC	FAC	0	Tree	Perennial	Native
rumcri	Rumex crispus	RUMEX CRISPUS	Curly Dock		0 FAC	FAC	0	Forb	Perennial	Adventive
salint	Salix interior	Salix interior	Sandbar Willow		2 FACW	FACW	-1	Shrub	Perennial	Native
fesela	Schedonorus pratensis	FESTUCA ELATIOR	Meadow False Rye Grass		0 FACU	FACU	1	Grass	Perennial	Adventive
schtab	Schoenoplectus tabernaemontani	Scirpus validus creber	Soft-Stem Club-Rush		3 OBL	OBL	-2	Sedge	Perennial	Native
sciatv	Scirpus atrovirens	Scirpus atrovirens	Dark-Green Bulrush		4 OBL	OBL	-2	Sedge	Perennial	Native
solcar	Solanum carolinense	SOLANUM CAROLINENSE	Carolina Horse-Nettle		0 FACU	FACU	1	Forb	Perennial	Adventive
solalt	Solidago altissima	Solidago altissima	Tall Goldenrod		1 FACU	FACU	1	Forb	Perennial	Native

typang	Typha angustifolia	TYPHA ANGUSTIFOLIA	Narrow-Leaf Cat-Tail	0 OBL	OBL	-2 Forb	Perennial	Adventive
verhas	Verbena hastata	Verbena hastata	Simpler's-Joy	4 FACW	FACW	-1 Forb	Perennial	Native

SITE: Cordero Property
LOCALE: Farmed Wetland 2
BY: S. Rowley & K. Smit
NOTES: 7.2.2020

CONSERVATISM-BASED METRICS		ADDITIONAL METRICS	
MEAN C (NATIVE SPECIES)	0.00	SPECIES RICHNESS (ALL)	3
MEAN C (ALL SPECIES)	0.00	SPECIES RICHNESS (NATIVE)	1
MEAN C (NATIVE TREES)	n/a	% NON-NATIVE	0.67
MEAN C (NATIVE SHRUBS)	n/a	WET INDICATOR (ALL)	0.33
MEAN C (NATIVE HERBACEOUS)	0.00	WET INDICATOR (NATIVE)	-1.00
FQAI (NATIVE SPECIES)	0.00	% HYDROPHYTE (MIDWEST)	0.67
FQAI (ALL SPECIES)	0.00	% NATIVE PERENNIAL	0.00
ADJUSTED FQAI	0.00	% NATIVE ANNUAL	0.33
% C VALUE 0	1.00	% ANNUAL	1.00
% C VALUE 1-3	0.00	% PERENNIAL	0.00
% C VALUE 4-6	0.00		
% C VALUE 7-10	0.00		

SPECIES ACRONYM	SPECIES NAME (NWPL/ MOHLENBROCK)	SPECIES (SYNONYM)	COMMON NAME	C VALUE	MIDWEST WET INDICATOR	NC-NE WET INDICATOR	WET INDICATOR (NUMERIC)	HABIT	DURATION	NATIVITY
echcru	Echinochloa crus-galli	Echinochloa crusgalli	Large Barnyard Grass		0 FACW	FAC	-1	Grass	Annual	Native
ipohed	Ipomoea hederacea	IPOMOEA HEDERACEA	Ivy-Leaf Morning-Glory		0 FAC	FAC	0	Forb	Annual	Adventive
zeamay	Zea mays	ZEA MAYS	Corn		0 UPL	UPL	2	Grass	Annual	Adventive

Wetland Determination Data Forms

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: A

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Backslope Local Relief (concave, convex, none): None

Slope (%): 5% *Lat: 41.705445 *Long: -88.469721 Datum: Wetland 1 - Upland

Soil Map Unit Name: Pits, gravel (865) NWI classification: PUBGx

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area Within a Wetland? Yes ☐ No ☒

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Trifolium hybridum*	30	Y	FACU
2. *Melilotus albus*	20	Y	UPL
3. *Phalaris arundinacea*	15	Y	FACW
4. *Erigeron annuus*	15	Y	FACU
5. *Solidago altissima*	10	N	FACU
6. *Carex vulpinoidea*	10	N	FACW
7. *Carex pellita*	10	N	OBL
8. *Poa pratensis*	10	N	FAC
9. *Daucus carota*	10	N	UPL
10. *Symphyotrichum pilosum*	5	N	FACU
11. *Geum laciniatum*	2	N	FACW
	137	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 25% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals (A)	

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☐ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 2

SOIL

Sampling Point A

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-18	10YR 2/1	100					SiCL	
18-24	10YR 4/1	90	10YR 5/6	10	C	M	SiC	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: B

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Toeslope Local Relief (concave, convex, none): Concave

Slope (%): 0% *Lat: 41.705502 *Long: -88.469618 Datum: Wetland 1

Soil Map Unit Name: Harpster silty clay loam, 0 to 2 percent slopes (67A) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area Within a Wetland? **Yes ☒** **No ☐**

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1. *Salix interior*	60	Y	FACW
2. *Populus deltoides*	10	N	FAC
3.			
4.			
5.			
	70	=Total Cover	
Herb Stratum (Plot size: 5')			
1. *Trifolium hybridum*	50	Y	FACU
2. *Carex vulpinoidea*	15	Y	FACW
3. *Scirpus atrovirens*	15	Y	OBL
4. *Solidago altissima*	15	Y	FACU
5. *Rumex crispus*	10	N	FAC
6. *Juncus dudleyi*	10	N	FACW
7. *Carex bebbii*	5	N	OBL
8. *Geum laciniatum*	5	N	FACW
9.			
10.			
	125	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 1

SOIL

Sampling Point B

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 2/1	100					SiC	Some organic matter
15-24	10YR 4/1	93	10YR 2/1	3	N/A	M	C	Small Rocks
			10YR 4/6	2	C	M		
			10YR 7/1	2	D	M		

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type: _____

Depth: _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☒ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☒ No ☐ Depth (inches) 20"

Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches) 20"

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: C

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Creek Channel Bank Local Relief (concave, convex, none): Concave

Slope (%): 0% *Lat: 41.706466 *Long: -88.468168 Datum: Wetland 1

Soil Map Unit Name: Harpster silty clay loam, 0 to 2 percent slopes (67A) NWI classification: PEM1Cd

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ☒ No ☐	
Hydric Soils Present ?	Yes ☒ No ☐	**Is the Sampled Area Within a Wetland?** **Yes ☒ No ☐**
Wetland Hydrology Present?	Yes ☒ No ☐	

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1. *Salix interior*	60	Y	FACW
2. *Cornus racemosa*	10	N	FAC
3.			
4.			
5.			
	70	=Total Cover	
Herb Stratum (Plot size: 5')			
1. *Phalaris arundinacea*	30	Y	FACW
2. *Leersia oryzoides*	25	Y	OBL
3. *Lythrum salicaria*	10	N	OBL
4. *Lemna minor*	5	N	OBL
5. *Bidens cernua*	5	N	OBL
6. *Persicaria hydropiperoides*	5	N	OBL
7.			
8.			
9.			
10.			
	80	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 3

SOIL

Sampling Point C

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 2/1	100					Muck	Hemic
12-18	10YR 2/1	85	5G 5/1	15	D	M	C	
18-24	5G 5/1	75	10YR 5/8	25	C	M	C	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☒ Histic Epipedon (A2)
- ☒ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☒ High Water Table (A2)
- ☒ Saturation (A3)
- ☐ Water Marks (B1)
- ☒ Sediment Deposits (B2)
- ☒ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☒ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☒ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☒ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☒ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☒ No ☐ Depth (inches) 2"

Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches) Surface

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: D

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Roadside Fill Local Relief (concave, convex, none): Convex

Slope (%): 30% *Lat: 41.706472 *Long: -88.468125 Datum: Wetland 1 - Upland

Soil Map Unit Name: Harpster silty clay loam, 0 to 2 percent slopes (67A) NWI classification: PEM1Cd

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒
Hydric Soils Present ? Yes ☐ No ☒
Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area Within a Wetland? Yes ☐ No ☒

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Sonchus arvensis ssp. uliginosus*	10	Y	FACU
2. *Ambrosia artemisiifolia*	10	Y	FACU
3. *Trifolium aureum*	10	Y	UPL
4. *Taraxacum officinale*	5	N	FACU
5. *Parthenocissus quinquefolia*	5	N	FACU
6. *Plantago major*	5	N	FAC
7. *Plantago lanceolate*	5	N	FACU
8. *Cirsium arvense*	5	N	FACU
9. *Asclepias syriaca*	2	N	FACU
10.			
	57	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☐ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 4

SOIL

Sampling Point D

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type: **Fill**

Depth: **0"**

Hydric Soil Present? Yes ☐ No ☒

Remarks: Gravel fill is at the surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: E

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Depression Local Relief (concave, convex, none): Concave

Slope (%): 0% *Lat: 41.708094 *Long: -88.468271 Datum: Farmed Wetland 1

Soil Map Unit Name: Brenton silt loam, 0 to 2 percent slopes (149A) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☒ Hydrology ☒ significantly disturbed? Are normal circumstances present? Yes ☐ No ☒

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area Within a Wetland? **Yes ☒** **No ☐**

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal. This area appears to have been farmed within the previous 5 years and is therefore considered a farmed wetland.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30')			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Typha angustifolia*	20	Y	OBL
2. *Juncus dudleyi*	15	Y	FACW
3. *Echinochloa crus-galli*	10	Y	FACW
4. *Salix nigra*	10	Y	OBL
5. *Phragmites australis ssp. australis*	7	N	FACW
6. *Schoenoplectus tabernaemontani*	5	N	OBL
7. *Populus deltoides*	5	N	FAC
8. *Cyperus esculentus*	5	N	FACW
9. *Erigeron annuus*	3	N	FACU
10. *Solidago altissima*	1	N	FACU
	81	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 18

SOIL

Sampling Point E

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-20	10YR 2/1	100					SiCL	
20-26	10YR 4/1	70	10YR 5/8	30	C	M	SiCL	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☒ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☒ Saturation Visible on Aerial Imagery (C9)
- ☒ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Wetland signatures were evident on historic aerials in 0 out of 5 years with normal precipitation.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: F

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Fallow Agricultural Field Local Relief (concave, convex, none): None

Slope (%): 3% *Lat: 41.708089 *Long: -88.468362 Datum: Wetland 1 - Upland

Soil Map Unit Name: Brenton silt loam, 0 to 2 percent slopes (149A) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☒ Hydrology ☒ significantly disturbed? Are normal circumstances present? Yes ☐ No ☒

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area Within a Wetland? Yes ☐ No ☒

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal. This area appears to have been farmed within the previous 5 years.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Amaranthus retroflexus*	30	Y	FACU
2. *Echinochloa crus-galli*	25	Y	FACW
3. *Phleum pratense*	10	N	FACU
4. *Erigeron canadensis*	5	N	FACU
5. *Taraxacum officinale*	5	N	FACU
6. *Bromus tectorum*	3	N	UPL
7. *Juncus dudleyi*	2	N	FACW
8. *Equisetum arvense*	2	N	FAC
9. *Abutilon theophrasti*	1	N	FACU
10.			
	83	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☐ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 19

SOIL

Sampling Point F

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-20	10YR 2/1	100					SiCL	
20-26	10YR 4/1	70	10YR 5/8	30	C	M	SiC	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Wetland signatures were evident on historic aerials in 0 out of 5 years with normal precipitation.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: G

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Fallow Agricultural Field Seep Local Relief (concave, convex, none): None

Slope (%): 5% *Lat: 41.707839 *Long: -88.468868 Datum: Farmed Wetland 1

Soil Map Unit Name: Brenton silt loam, 0 to 2 percent slopes (149A) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☒ Hydrology ☒ significantly disturbed? Are normal circumstances present? Yes ☐ No ☒

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area Within a Wetland? **Yes ☒** **No ☐**

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal. This area appears to have been farmed within the previous 5 years and is therefore considered a farmed wetland.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30')			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Schoenoplectus tabernaemontani*	40	Y	OBL
2. *Salix nigra*	40	Y	OBL
3. *Typha angustifolia*	15	N	OBL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
	95 =Total Cover		
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 20

SOIL

Sampling Point G

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-2	10YR 2/1	100					Muck	Sapric
2-12	10YR 2/1	100					SiC	
12-24	10YR 4/1	78	10YR 5/4	10	C	M	C	
			10YR 5/8	10	C	M		
			5GY 5/1	2	D	M		

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☒ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☒ Surface Water (A1)
- ☒ High Water Table (A2)
- ☒ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☒ Saturation Visible on Aerial Imagery (C9)
- ☒ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☒ No ☐ Depth (inches) Surface

Water Table Present? Yes ☒ No ☐ Depth (inches) Surface

Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches) Surface

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Wetland signatures were evident on historic aerials in 1 out of 5 years (20%) with normal precipitation.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: H

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Fallow Agricultural Field Local Relief (concave, convex, none): convex

Slope (%): 5% *Lat: 41.707887 *Long: -88.469097 Datum: Farmed Wetland 1 - Upland

Soil Map Unit Name: Clare silt loam, 2 to 5 percent slopes (663B) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☒ Hydrology ☒ significantly disturbed? Are normal circumstances present? Yes ☐ No ☒

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area Within a Wetland? Yes ☐ No ☒

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal. This area appears to have been farmed within the previous 5 years.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30')			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Erigeron annuus*	25	Y	FACU
2. *Erigeron canadensis*	25	Y	FACU
3. *Bromus tectorum*	5	N	UPL
4. *Cyperus esculentus*	5	N	FACW
5. *Populus deltoides*	5	N	FAC
6. *Melilotus albus*	2	N	UPL
7. *Ambrosia artemisiifolia*	2	N	FACU
8. *Taraxacum officinale*	2	N	FACU
9. *Plantago major*	2	N	FAC
10.			
	73	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☐ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 21

SOIL

Sampling Point H

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-18	10YR 2/1						SiCL	
18-24	10YR 4/1	90	10YR 5/6	10	C	M	C	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Wetland signatures were evident on historic aerials in 0 out of 5 years with normal precipitation.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: I

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Forested Swale Bottom Local Relief (concave, convex, none): Concave

Slope (%): 1% *Lat: 41.708289 *Long: -88.470566 Datum: Wetland 1 – Forested Swale

Soil Map Unit Name: Clare silt loam, 2 to 5 percent slopes (663B) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area Within a Wetland? **Yes ☒** **No ☐**

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30')			
1. *Acer negundo*	15	Y	FAC
2. *Morus alba*	15	Y	FAC
3. *Prunus serotina*	5	N	FACU
4.			
5.			
	35	= Total Cover	
Sapling/Shrub Stratum (Plot size: 15')			
1. *Sambucus nigra*	5	Y	FAC
2.			
3.			
4.			
5.			
	5	=Total Cover	
Herb Stratum (Plot size: 5')			
1. *Cryptotaenia canadensis*	50	Y	FAC
2. *Sanicula odorata*	30	Y	FAC
3. *Bidens frondosa*	5	N	FACW
4. *Carex blanda*	5	N	FAC
5. *Geum canadense*	2	N	FAC
6.			
7.			
8.			
9.			
10.			
	92	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1. *Vitis riparia*	5	Y	FACW
2.			
	5	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 5

SOIL

Sampling Point I

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-24	10YR 3/1	88	10YR 5/3	10	C	M	SiCL	
			10YR 5/6	2	C	M		
24-30	10YR 4/1	90	10YR 5/3	5	C	M	SiC	
			10YR 5/6	5	C	M		

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☒ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type:

Depth:

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☒ High Water Table (A2)
- ☒ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☒ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☒ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☒ No ☐ Depth (inches) 12"

Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches) 12"

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: J

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Backslope Local Relief (concave, convex, none): Convex

Slope (%): 10% *Lat: 41.708301 *Long: -88.470669 Datum: Wetland 1 – Forested Swale - Upland

Soil Map Unit Name: Clare silt loam, 2 to 5 percent slopes (663B) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐
Hydric Soils Present ? Yes ☐ No ☒
Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area Within a Wetland? Yes ☐ No ☒

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer negundo*	40	Y	FAC
2. *Prunus serotina*	20	Y	FACU
3. *Morus alba*	20	Y	FAC
4.			
5.			
	80	= Total Cover	
Sapling/Shrub Stratum (Plot size: 15')			
1. *Lonicera maackii*	10	Y	UPL
2.			
3.			
4.			
5.			
	10	=Total Cover	
Herb Stratum (Plot size: 5')			
1. *Galium aparine*	20	Y	FACU
2. *Cryptotaenia canadensis*	20	Y	FAC
3. *Sanicula odorata*	20	Y	FAC
4. *Hackelia virginiana*	10	N	FACU
5. *Viola sororia*	10	N	FAC
6. *Ambrosia trifida*	5	N	FAC
7. *Carex blanda*	5	N	FAC
8. *Vitis riparia*	3	N	FACW
9. *Elymus virginicus*	3	N	FACW
10.			
	96	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 7 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 57% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☒ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 6

SOIL

Sampling Point J

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	100					SiL	With rocks
16-18	10YR 5/6	100					SiL	Fill

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type: **Gravel Fill**

Depth: **18"**

Hydric Soil Present? Yes ☐ No ☒

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: K

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Agricultural Field Swale Local Relief (concave, convex, none): Concave

Slope (%): 5% *Lat: 41.709978 *Long: -88.471140 Datum: Farmed Wetland 2

Soil Map Unit Name: Drummer silty clay loam, 0 to 2 percent slopes (152A) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☒ Soil ☒ Hydrology ☒ significantly disturbed? Are normal circumstances present? Yes ☐ No ☒

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒
Hydric Soils Present ? Yes ☒ No ☐
Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area Within a Wetland? **Yes ☒** **No ☐**

Remarks: This sample point was taken in a tiled and tilled agricultural field currently in production with Corn (*Zea mays*). It used to be a vegetated swale but started to be farmed through in approximately 2016. Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30')			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: 15')			
1.			
2.			
3.			
4.			
5.			
	=Total Cover		
Herb Stratum (Plot size: 5')			
1. *Zea mays*	10	Y	UPL
2. *Ipomoea hederacea*	4	Y	FAC
3. *Echinochloa crus-galli*	1	N	FACW
4.			
5.			
6.			
7.			
8.			
9.			
10.			
	15 =Total Cover		
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
	=Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species: 1	x 2 = 2
FAC species: 4	x 3 = 12
FACU species:	x 4 =
UPL species: 10	x 5 = 50
Column Totals 15 (A)	64 (B)

Prevalence Index =B/A = 4.27

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation
☐ Dominance Test is >50%
☐ Prevalence Index is ≤ 3.0[1]
☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 24

SOIL

Sampling Point K

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth	Matrix		Redox Features					
(Inches)	Color (Moist)	%	Color (Moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 2/1	90	10YR 3/6	10	C	M	SiCL	
12-24	10YR 5/1	75	10YR 5/8	15	C	M	C	
			10YR 2/1	10	N/A	M		

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☒ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☒ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type: _____

Depth: _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☒ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☒ Surface Soil Cracks (B6)
- ☒ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☒ Saturation Visible on Aerial Imagery (C9)
- ☒ Stunted or Stressed Plants (D1)
- ☒ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Wetland signatures were evident on historic aerials in 4 out of 5 years (80%) with normal precipitation.

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Cordero Property City/County: Unincorporated Kendall County Sampling Date: July 2, 2020

Applicant/Owner: Mr. Daniel J. Kramer / John Cordero State: IL Sampling Point: L

Investigator(s) S. Rowley & K. Smit Section, Township, Range: S 5&6 T37N R7E

Landform (hillslope, terrace, etc.): Meadow Terrace Local Relief (concave, convex, none): None

Slope (%): 0% *Lat: 41.709903 *Long: -88.469351 Datum: Investigated Area 1

Soil Map Unit Name: Danabrook silt loam, 2 to 5 percent slopes (512B) NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no explain in remarks)

Are vegetation ☐ Soil ☐ Hydrology ☐ significantly disturbed? Are normal circumstances present? Yes ☒ No ☐

Are vegetation ☐ Soil ☐ Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ☒ No ☐	
Hydric Soils Present ?	Yes ☐ No ☒	**Is the Sampled Area Within a Wetland?** **Yes ☐ No ☒**
Wetland Hydrology Present?	Yes ☐ No ☒	

Remarks: Precipitation data from the previous 3 months indicates the climatic/hydrologic conditions have been normal.

*Coordinates obtained from Google Earth.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. Morus alba	30	Y	FAC
2.			
3.			
4.			
5.			
	30	= Total Cover	
Sapling/Shrub Stratum (Plot size: 15')			
1. Rubus occidentalis	5	Y	UPL
2.			
3.			
4.			
5.			
	5	=Total Cover	
Herb Stratum (Plot size: 5')			
1. *Phalaris arundinacea*	90	Y	FACW
2. *Arctium minus*	10	N	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
	100	=Total Cover	
Woody Vine Stratum (Plot size: 30')			
1.			
2.			
		=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL,FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That are OBL,FACW, or FAC 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species:	x 1 =
FACW species:	x 2 =
FAC species:	x 3 =
FACU species:	x 4 =
UPL species:	x 5 =
Column Totals	(A)

Prevalence Index =B/A =

Hydrophytic Vegetation Indicators:

- ☐ Rapid Test for Hydrophytic Vegetation
- ☒ Dominance Test is >50%
- ☐ Prevalence Index is ≤ 3.0[1]
- ☐ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Hydrophytic Vegetation Present? Yes☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet)
Photograph 28

SOIL

Sampling Point L

Profile Description: (Describe the depth needed to document the indicator or confirm the absence of indicators

Depth (Inches)	Matrix Color (Moist)	Matrix %	Redox Features Color (Moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 2/2	100					SiL	
16-22	10YR 4/3	90	10YR 4/1	10	D	M	SiL	

[1]Type: C = Concentration, D= Depletion, RM = Reduced Matrix, CS = Covered or Coated Sand Grains [2]Locaton: PL =Pore Lining, M = Matrix

Hydric Soil Indicators

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron- Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3] Indicators of hydrophytic vegetation and wetland hydrology must be present unless disturbed or problematic.

Restrictive Layer (if observed)

Type: _____

Depth: _____

Hydric Soil Present? Yes ☐ No ☒

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (Minimum of one is required: check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water Stained Leaves (B9)
- ☐ Aquatic Fauna (B 3)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ☐ No ☒ Depth (inches) N/A

Water Table Present? Yes ☐ No ☒ Depth (inches) N/A

Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches) N/A

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Site Photographs

PHOTOGRAPH 1	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1, Sample Point B Facing Northeast	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 2	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 – Upland, Sample Point A Facing Southeast	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 3	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1, Sample Point C (Tributary of Rob Roy Creek) Facing South	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 4	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 – Upland, Sample Point D Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 5	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Swale, Sample Point I Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 6	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Swale – Upland, Sample Point J Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 7	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing Northeast	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 8	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing Northwest	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 9	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 and Buffer Overview, along E Beecher Road Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 10	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview, Tributary of Rob Roy Creek Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 11	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview, Culvert under E Beecher Road Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 12	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 – Offsite Overview, East Side of E Beecher Road Facing East	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 13	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 14	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 15	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 16	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Swale Overview Facing South	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 17	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Wetland 1 Overview Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 18	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1, Sample Point E Facing East	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 19	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1 – Upland, Sample Point F Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 20	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1, Sample Point G Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 21	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1 – Upland, Sample Point H Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 22	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1, Overview Facing South	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 23	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 1 Overview Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 24	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 2, Sample Point K Facing Northwest	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 25	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 2, Overview Facing Northwest	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 26	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Farmed Wetland 2 and Culvert Overview Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 27	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Overview, Culvert under Galena Road Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 28	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Investigated Area 1, Sample Point L Facing South	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 29	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview, Fallow Field Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 30	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview, Fallow Field Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 31	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview, Fallow Field Facing North	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 32	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview – Active Agricultural Field Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 33	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview – Active Agricultural Field Facing Southwest	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 34	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview, along Galena Road Facing East	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 35	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview – Upland Woods Facing West	
DATE PHOTO TAKEN: July 2, 2020	

PHOTOGRAPH 36	
DESCRIPTION: Cordero Property / Mr. Daniel Kramer Site Overview – Old Barn Facing Southeast	
DATE PHOTO TAKEN: July 2, 2020	

NRCS Precipitation Data Analysis Worksheet

NRCS method - Rainfall Documentation Worksheet Hydrology Tools for Wetland Determination
NRCS Engineering Field Handbook Chapter 19

Date	7/20/2020	**Landowner/Project**	Cordero Property
Weather Station	Aurora, IL	**State**	Illinois
County	Kane	**Growing Season**	yes
Photo/obs Date		**Soil Name**	

shaded cells are locked or calculated

Long-term rainfall statistics (from WETS table or State Climatology Office)

	Month	30% chance <	30% chance >	Precip	Condition Dry, Wet, Normal	Condition Value	Month Weight Value	Product of Previous 2 Columns
1st Prior Month*	June	3.10	5.18	3.91	N	2	3	6
2nd Prior Month*	May	3.12	5.40	6.65	W	3	2	6
3rd Prior Month*	April	2.81	4.63	4.60	N	2	1	2
							Sum	**14**

*compared to photo/observation date

Note: If sum is	
6 - 9	prior period has been drier than normal
10 - 14	prior period has been normal
15 - 18	prior period has been wetter than normal

Condition value:
Dry =1
Normal =2
Wet =3

Conclusions: **prior period has been normal**

WETS Station Data

Aurora_IL0338 Kane County FORM

WETS Station: IL0338

	Average	<30%	>30%
April	3.88	2.79	4.59
May	3.91	2.7	4.65
June	4.34	3.04	5.14
July	4.39	2.76	5.3

CLIMATIC EVALUATION OF PRECIPITATION
3 MONTHS BEFORE AERIAL CROP
HISTORY SLIDES

DATE:
COUNTY:
LANDOWNER:
TRACT NO.
PREPARED BY:

Year	April Percip-itation	Type of Month	May Percip-itation	Type of Month	June Percip-itation	Type of Month	July* Percip-itation	Type of Month	April Score 1X	May Score 2X	June Score 3X	Score for Year	Type of Year	Year	Best Years	RECORD OF WETLAND SIGNATURES OBSERVED ON AERIAL PHOTOGRAPHY
78	5.14	Wet	4.85	Wet	3.65	Normal	8.56	Wet	3	6	6	15	WET	78		
79	6.06	Wet	2.6	Dry	5.34	Wet	3.68	Normal	3	2	9	14	NORMAL	79	79	
80	3.26	Normal	2.7	Normal	3.2	Normal	3.81	Normal	2	4	6	12	NORMAL	80	80	
81	5.82	Wet	5.09	Wet	6.44	Wet	3.97	Normal	3	6	9	18	WET	81		
82	3.25	Normal	3.64	Normal	2.96	Dry	6.34	Wet	2	4	3	9	DRY	82		
83	6.59	Wet	4.22	Normal	4.98	Normal	6.97	Wet	3	4	6	13	NORMAL	83	83	
84	4.02	Normal	4.12	Normal	5.78	Wet	1.83	Dry	2	4	9	15	WET	84		
85	1.93	Dry	2.63	Dry	2.7	Dry	3.26	Normal	1	2	3	6	DRY	85		
86	1.75	Dry	3.23	Normal	4.19	Normal	3.25	Normal	1	4	6	11	NORMAL	86	86	
87	2.49	Dry	5.14	Wet	5.83	Wet	3.78	Normal	1	6	9	16	WET	87		
88	3.18	Normal	1.86	Dry	0.95	Dry	3.4	Normal	2	2	3	7	DRY	88		
89	1.12	Dry	1.94	Dry	4.29	Normal	6.63	Wet	1	2	6	9	DRY	89		
90	1.89	Dry	8	Wet	6.31	Wet	4.41	Normal	1	6	9	16	WET	90		
91	4.47	Normal	5.8	Wet	1	Dry	1.45	Dry	2	6	3	11	NORMAL	91	91	
92	3.31	Normal	0.75	Dry	2.22	Dry	4.45	Normal	2	2	3	7	DRY	92		
93	4.66	Wet	2.03	Dry	9.56	Wet	2.34	Dry	3	2	9	14	NORMAL	93	93	
94	1.98	Dry	1.57	Dry	6.03	Wet	2.46	Dry	1	2	9	12	NORMAL	94	94	
95	5.8	Wet	4.54	Normal	3.01	Dry	3.73	Normal	3	4	3	10	NORMAL	95	95	
96	2.69	Dry	4.64	Normal	5.63	Wet	21.5	Wet	1	4	9	14	NORMAL	96	96	
97	2.59	Dry	3.96	Normal	2.25	Dry	1.53	Dry	1	4	3	8	DRY	97		
98	5.6	Wet	3.08	Normal	5.31	Wet	3.24	Normal	3	4	9	16	WET	98		
99	5.74	Wet	4.21	Normal	4.67	Normal	3.57	Normal	3	4	6	13	NORMAL	99	99	
0	5	Wet	3.76	Normal	5.59	Wet	4.47	Normal	3	4	9	16	WET	0		
1	3.63	Normal	3.15	Normal	3.29	Normal	2.13	Dry	2	4	6	12	NORMAL	1	1	
2	4.94	Wet	4.62	Normal	3.09	Normal	2.34	Dry	3	4	6	13	NORMAL	2	2	
3	2.52	Dry	7.91	Wet	1.99	Dry	7.83	Wet	1	6	3	10	NORMAL	3	3	
4	0.94	Dry	6.6	Wet	6.19	Wet	2.7	Dry	1	6	9	16	WET	4		
5	2.12	Dry	2.65	Dry	1.11	Dry	2.36	Dry	1	2	3	6	DRY	5		
6	4.23	Normal	3.89	Normal	3.76	Normal	1.31	Dry	2	4	6	12	NORMAL	6	6	
7	3.86	Normal	1.19	Dry	2.92	Dry	5.02	Normal	2	2	3	7	DRY	7		
8	3.22	Normal	5.17	Wet	3.63	Normal	3.36	Normal	2	6	6	14	NORMAL	8	8	
9	5.68	Wet	4.22	Normal	3.89	Normal	2.12	Dry	3	4	6	13	NORMAL	9	9	
10	2.31	Dry	6.61	Wet	7.75	Wet	6.45	Wet	1	6	9	16	WET	10		
11	5.26	Wet	5.13	Wet	5.89	Wet	4.57	Normal	3	6	9	18	WET	11		
12	2.29	Dry	1.98	Dry	1.75	Dry	2.35	Dry	1	2	3	6	DRY	12		
13	10.44	Wet	4.77	Wet	6.04	Wet	1.74	Dry	3	6	9	18	WET	13		
14	3.23	Normal	5.35	Wet	8.16	Wet	4.82	Normal	2	6	9	17	WET	14		

SCORE
Dry = 1
Normal = 2
Wet = 3

TYPE OF YEAR
Dry = 6 to 9
Normal 10 to 14
Wet = 15 to 18

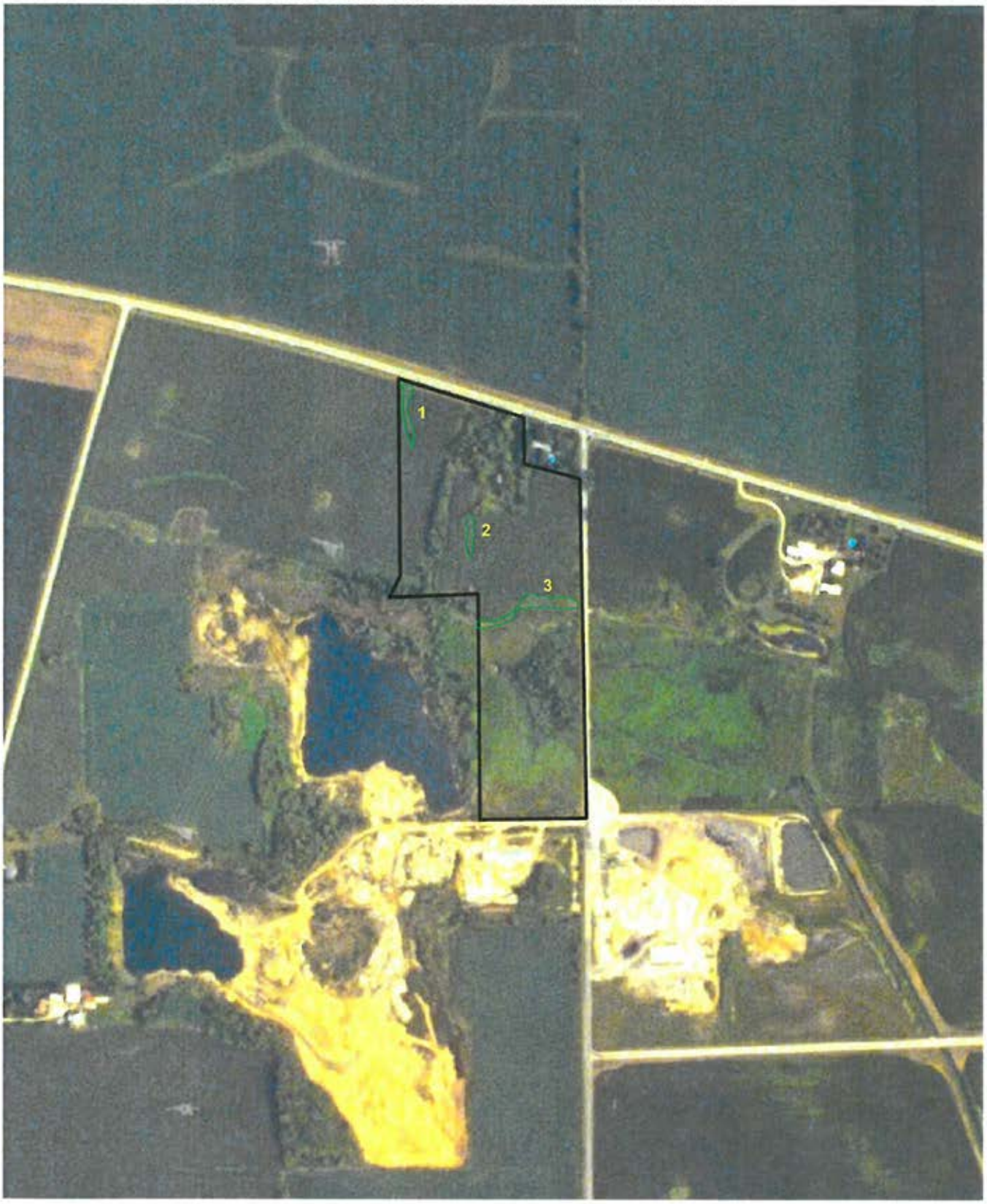
* July data is only used if the photo appears to have an unusually high number of surface water signatures indicating that the photo was taken soon after an unusally wet period. Otherwise it is assumed that the photo was taken in late June or early July before most of July's precipitation.

COMMENTS:

Next 1	Wheaton 3 SE IL9221 DuPage County
Next 2	Elgin_IL2736_Kane County
Next 3	Joliet Brandon RD DAM_IL4530_Will County
Next Closest Site Next 4	

Historical Aerial Slide Photographs: 1994, 1995, 1996, 1999, 2000-WET, 2001

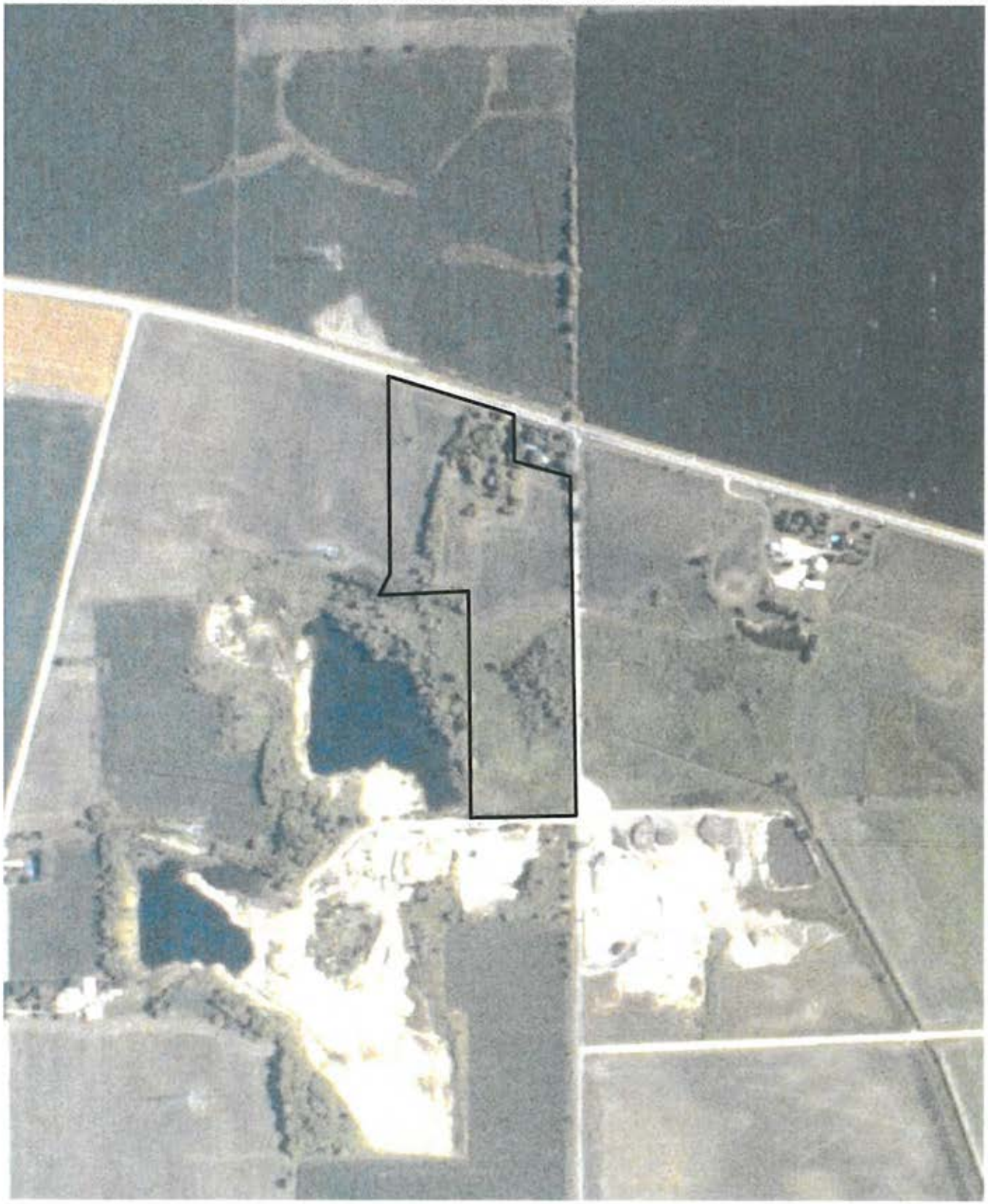
Source: Kendall Co. Soil & Water Conservation District **Year: 1994**



0 300 600 1200
SCALE: 1"=600'

N

Source: Kendall Co. Soil & Water Conservation District **Year: 1995**



0 300 600 1200

SCALE: 1"=600'

N

Source: Kendall Co. Soil & Water Conservation District **Year: 1996**



0 300 600 1200
SCALE: 1"=600'

N

Source: Kendall Co. Soil & Water Conservation District **Year: 1999**



0 300 600 1200
SCALE: 1"=600'

N

Source: Kendall Co. Soil & Water Conservation District **Year: 2000 WET**



0 300 600 1200
SCALE: 1"=600'

N

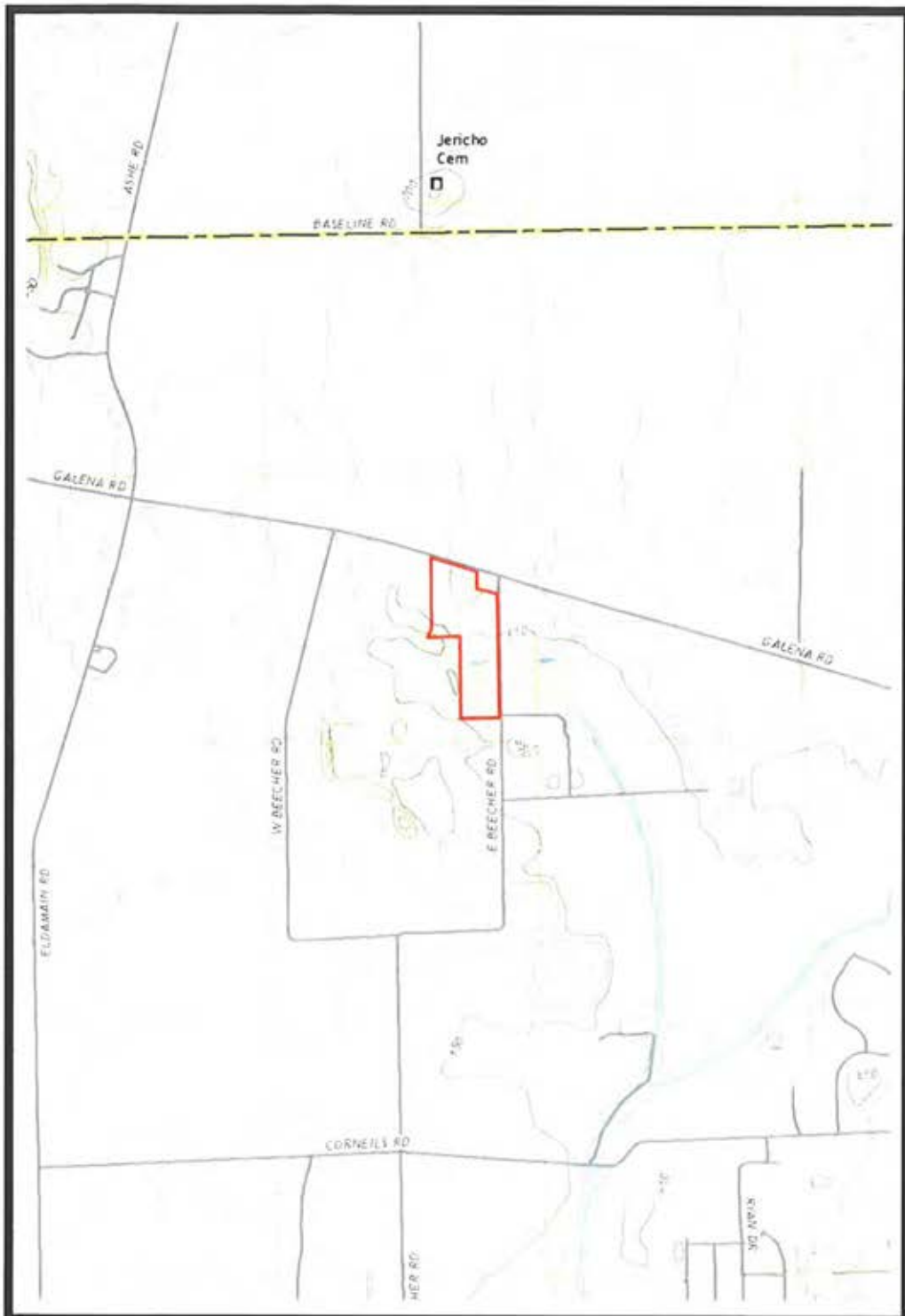
Source: Kendall Co. Soil & Water Conservation District **Year: 2001**



0 300 600 1200
SCALE: 1"=600'

N

Exhibits A - G



ENCAP INCORPORATED

LEGEND:

Project Area

Location Map

Source: U.S. Geological Survey
Sections 5 & 6 T37N R7E
Latitude: 41.708826 Longitude: -88.469676

Cordero Property

Project Number: 20-0617B

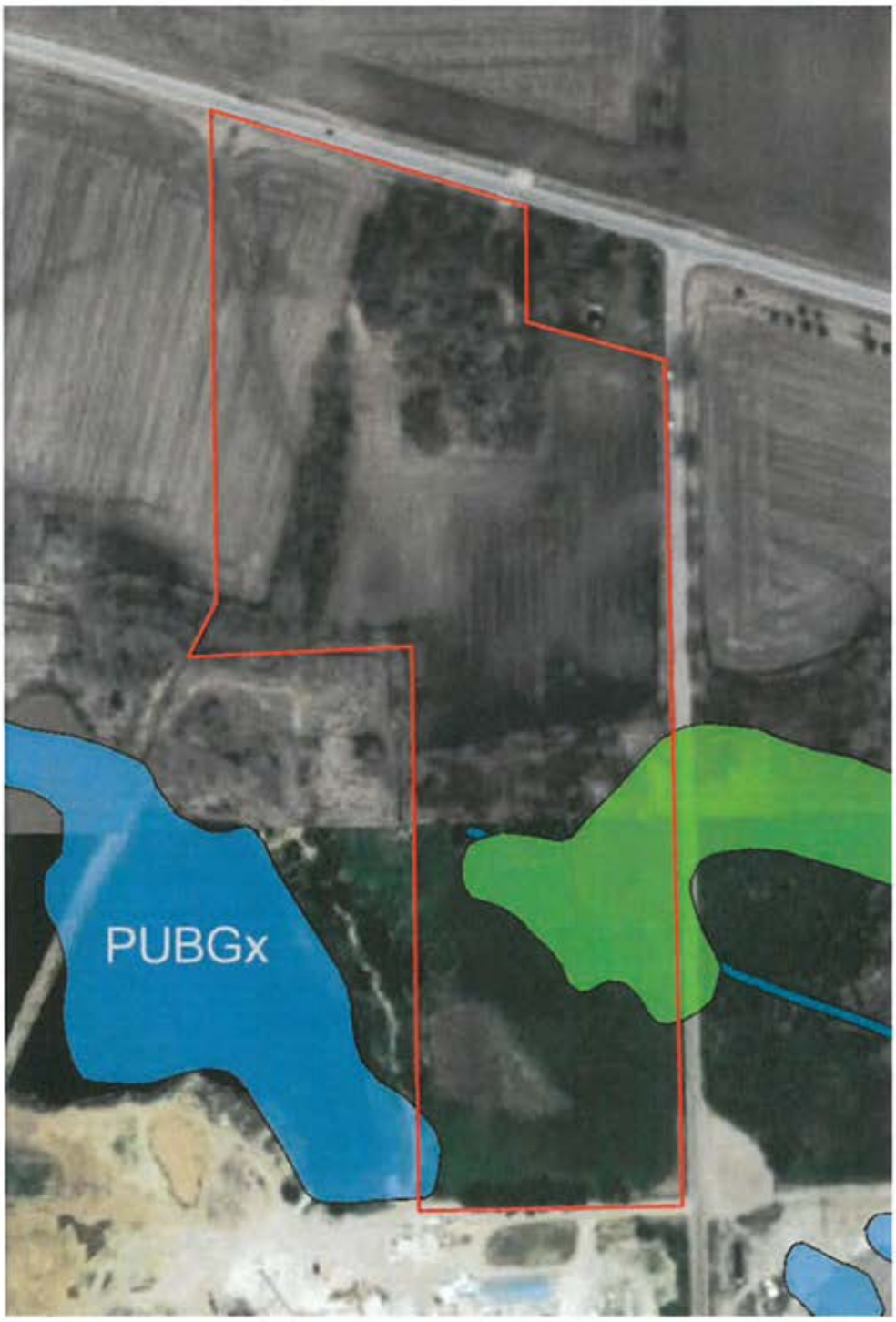
Mr. Daniel J. Kramer

0 1000 2000 4000

SCALE: 1"= 2000'

NORTH

Exhibit A



ENCAP INCORPORATED

LEGEND:

Project Area

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

National Wetlands Inventory

Source: U.S. Fish & Wildlife Service

0 150 300 600

SCALE: 1"=300'

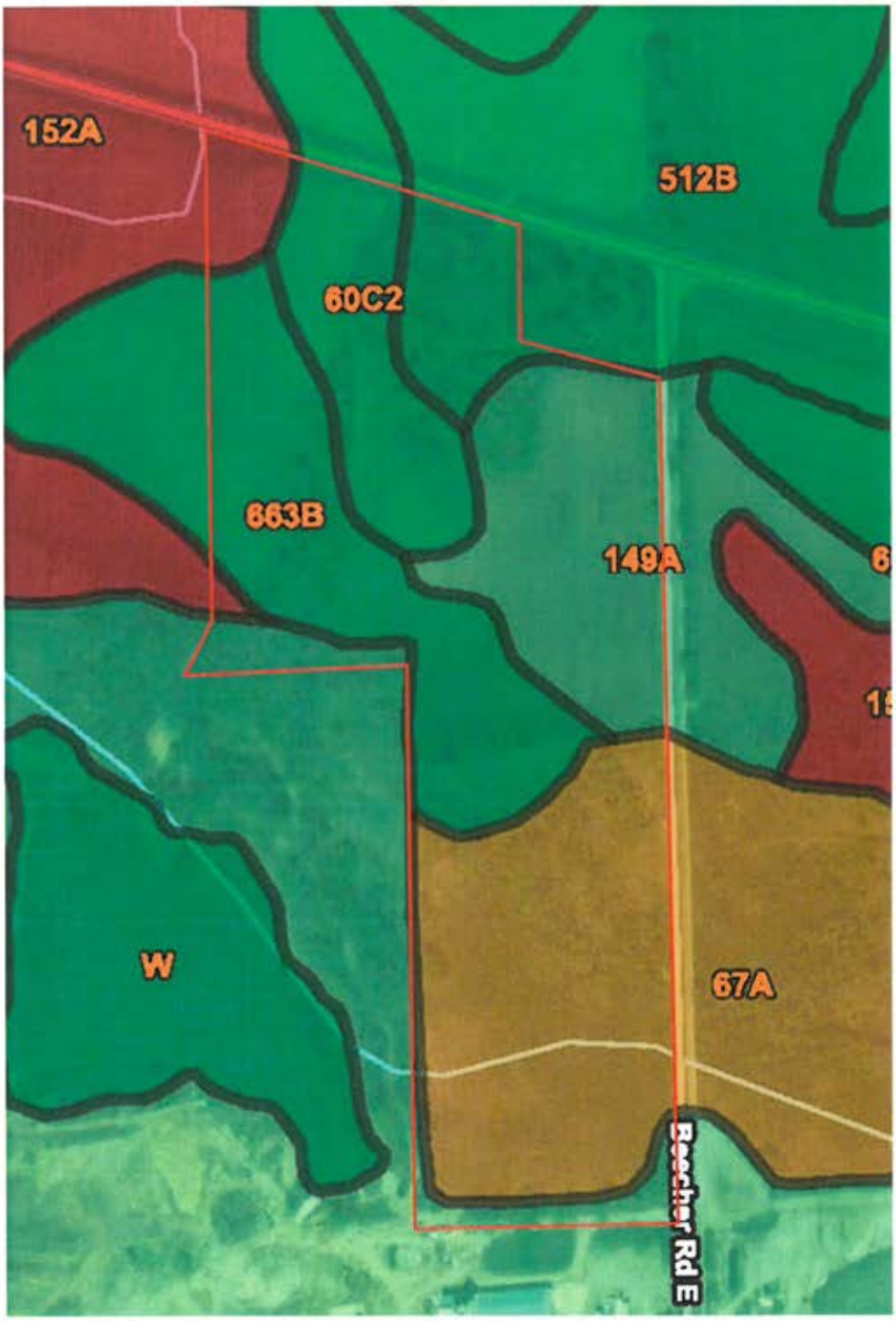
NORTH

Cordero Property

Project Number: 20-0617B

Mr. Daniel J. Kramer

Exhibit B



ENCAP INCORPORATED

LEGEND:

Project Area

- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Map

Source: U.S. Department of Agriculture
Natural Resources Conservation Service
Web Soil Survey 3.1

0 150 300 600
SCALE: 1"=300'

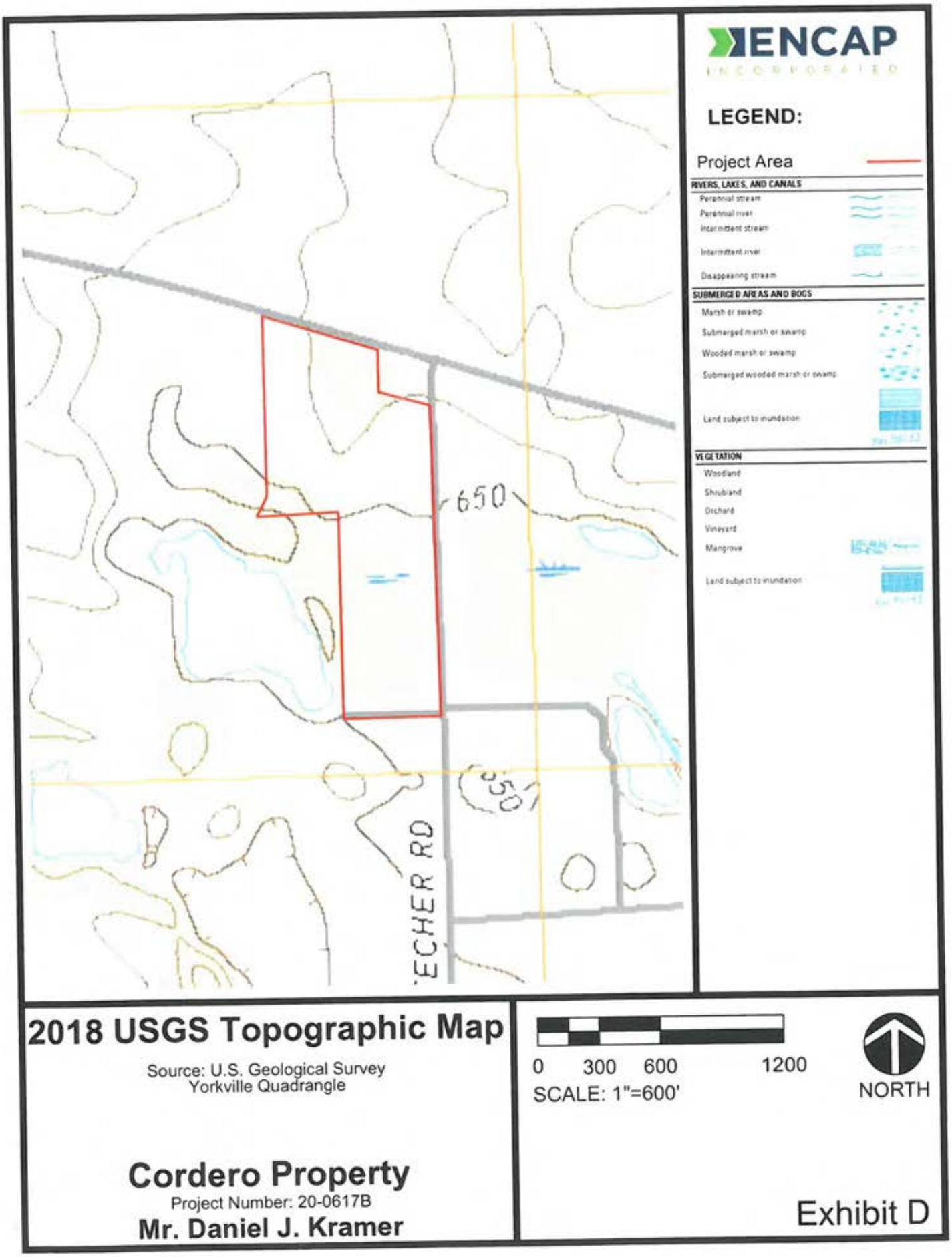
NORTH

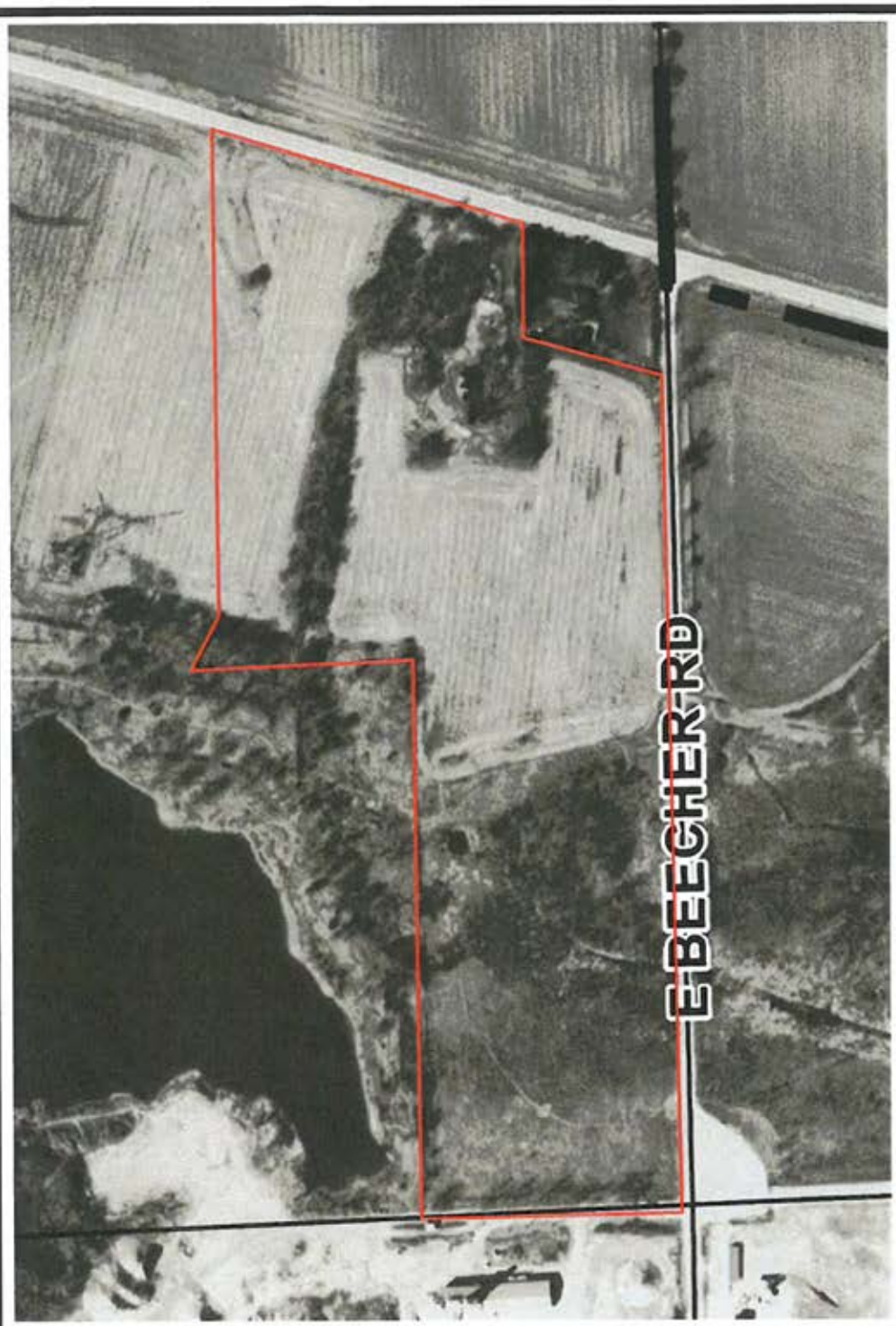
Cordero Property

Project Number: 20-0617B

Mr. Daniel J. Kramer

Exhibit C


ENCAP
INCORPORATED
LEGEND:
Project Area
RIVERS, LAKES, AND CANALS
Perennial stream
Perennial river
Intermittent stream
Intermittent river
Disappearing stream
SUBMERGED AREAS AND BOGS
Marsh or swamp
Submerged marsh or swamp
Wooded marsh or swamp
Submerged wooded marsh or swamp
Land subject to inundation
VEGETATION
Woodland
Shrubland
Orchard
Vineyard
Mangrove
Land subject to inundation
650
650
ECHER RD
2018 USGS Topographic Map
Source: U.S. Geological Survey
Yorkville Quadrangle
0 300 600 1200
SCALE: 1"=600'
NORTH
Cordero Property
Project Number: 20-0617B
Mr. Daniel J. Kramer
Exhibit D



ENCAP INCORPORATED

LEGEND:

Project Area

Flood Insurance Rate Map

Source: Federal Emergency Management Agency (FEMA)
Panel Number: 30
Effective Date: February 4, 2009

Cordero Property

Project Number: 20-0617B

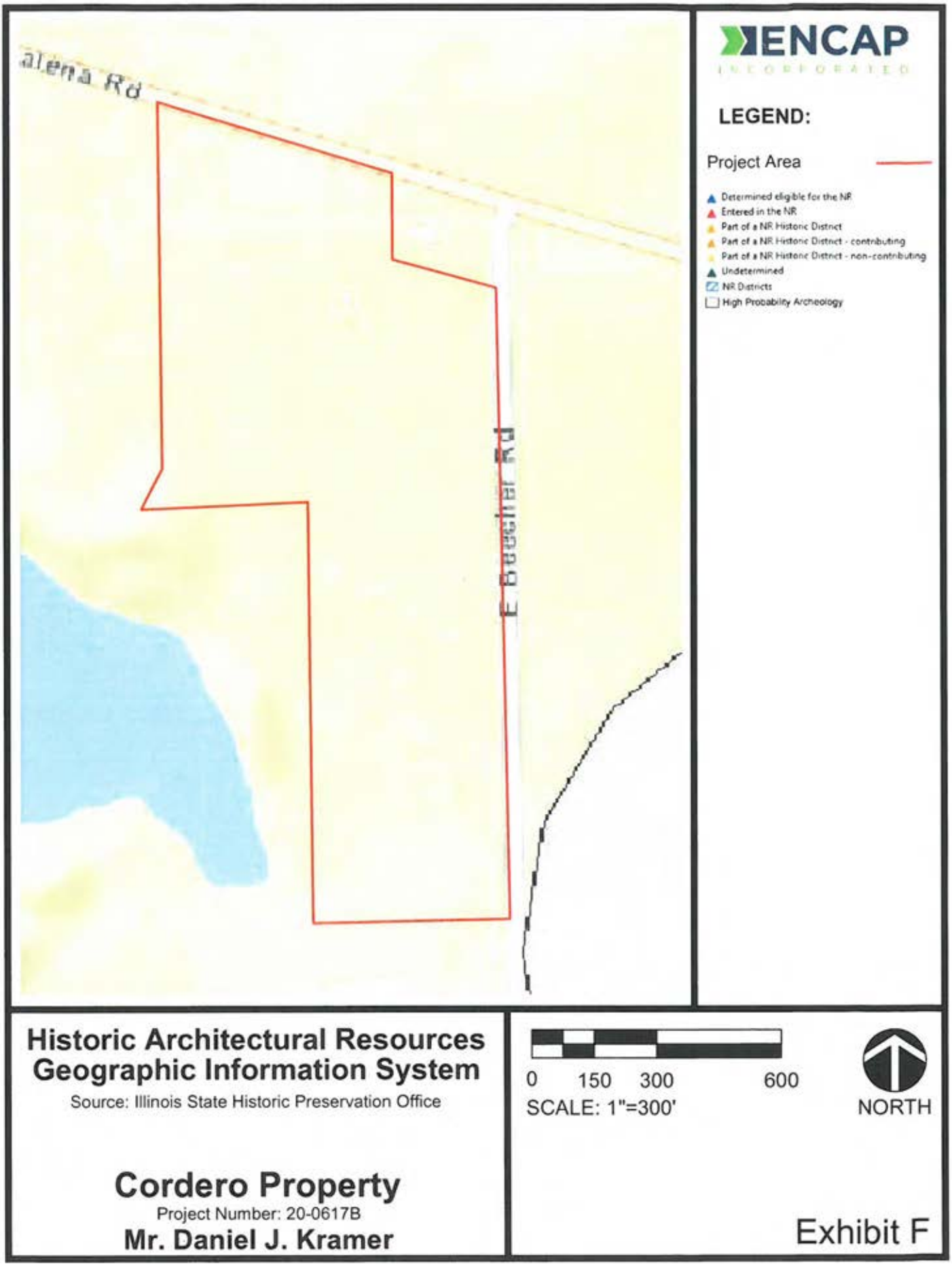
Mr. Daniel J. Kramer

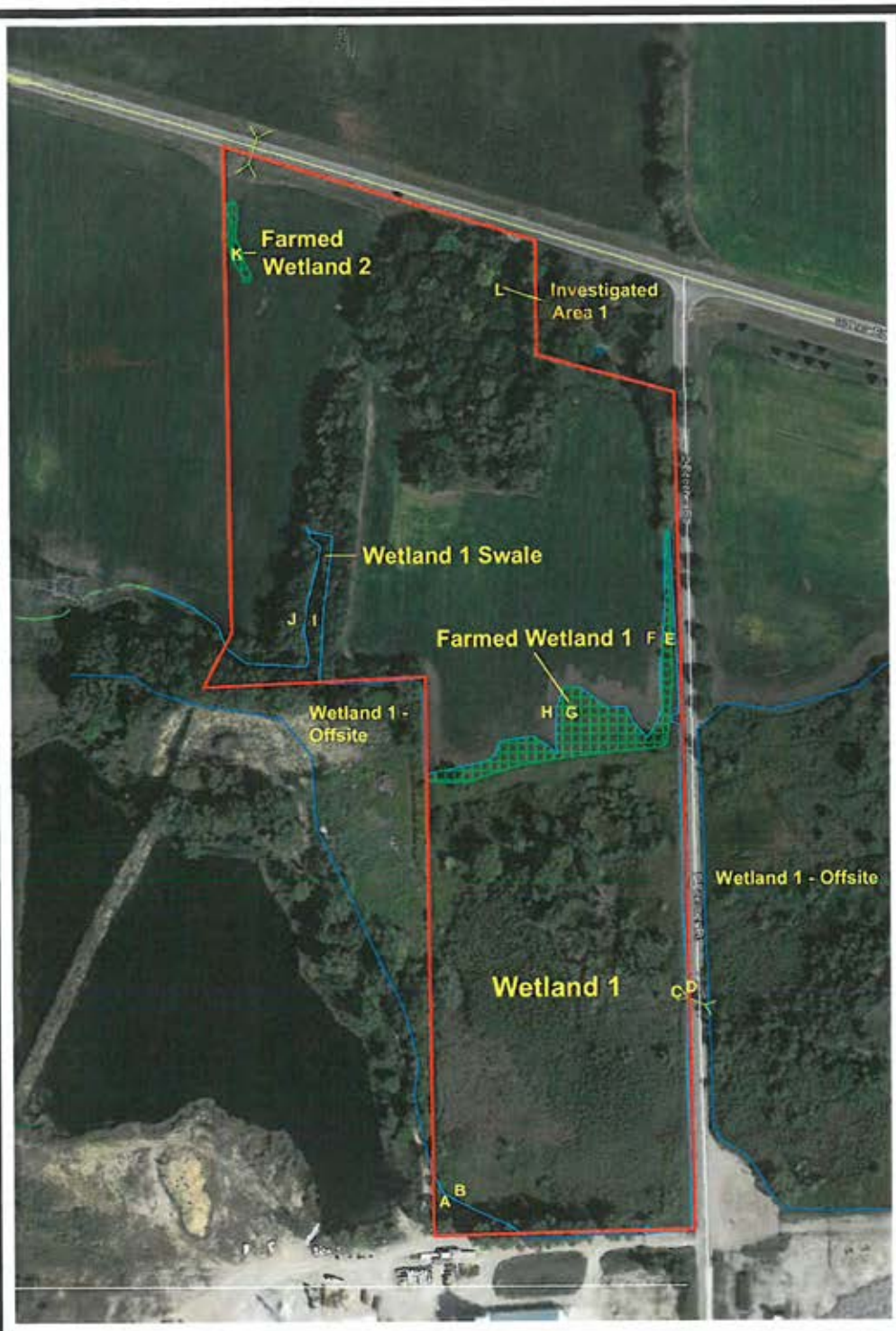
0 150 300 600

SCALE: 1"=300'

NORTH

Exhibit E


alena Rd
E Beecher Rd
ENCAP
INCORPORATED
LEGEND:
Project Area
Determined eligible for the NR
Entered in the NR
Part of a NR Historic District
Part of a NR Historic District - contributing
Part of a NR Historic District - non-contributing
Undetermined
NR Districts
High Probability Archeology
Historic Architectural Resources Geographic Information System
Source: Illinois State Historic Preservation Office
0 150 300 600
SCALE: 1"=300'
NORTH
Cordero Property
Project Number: 20-0617B
Mr. Daniel J. Kramer
Exhibit F



ENCAP INCORPORATED

LEGEND:

- Project Area
- Approximate Staked Wetland Boundary
- Approximate Off-site Non-Staked Wetland Boundary
- On-site Farmed Wetland Boundary
- Approximate Off-site Farmed Wetland Boundary
- Sample Points A-L
- Culvert

Aerial Photograph

Map data: Google
2017

0 150 300 600
SCALE: 1"=300'

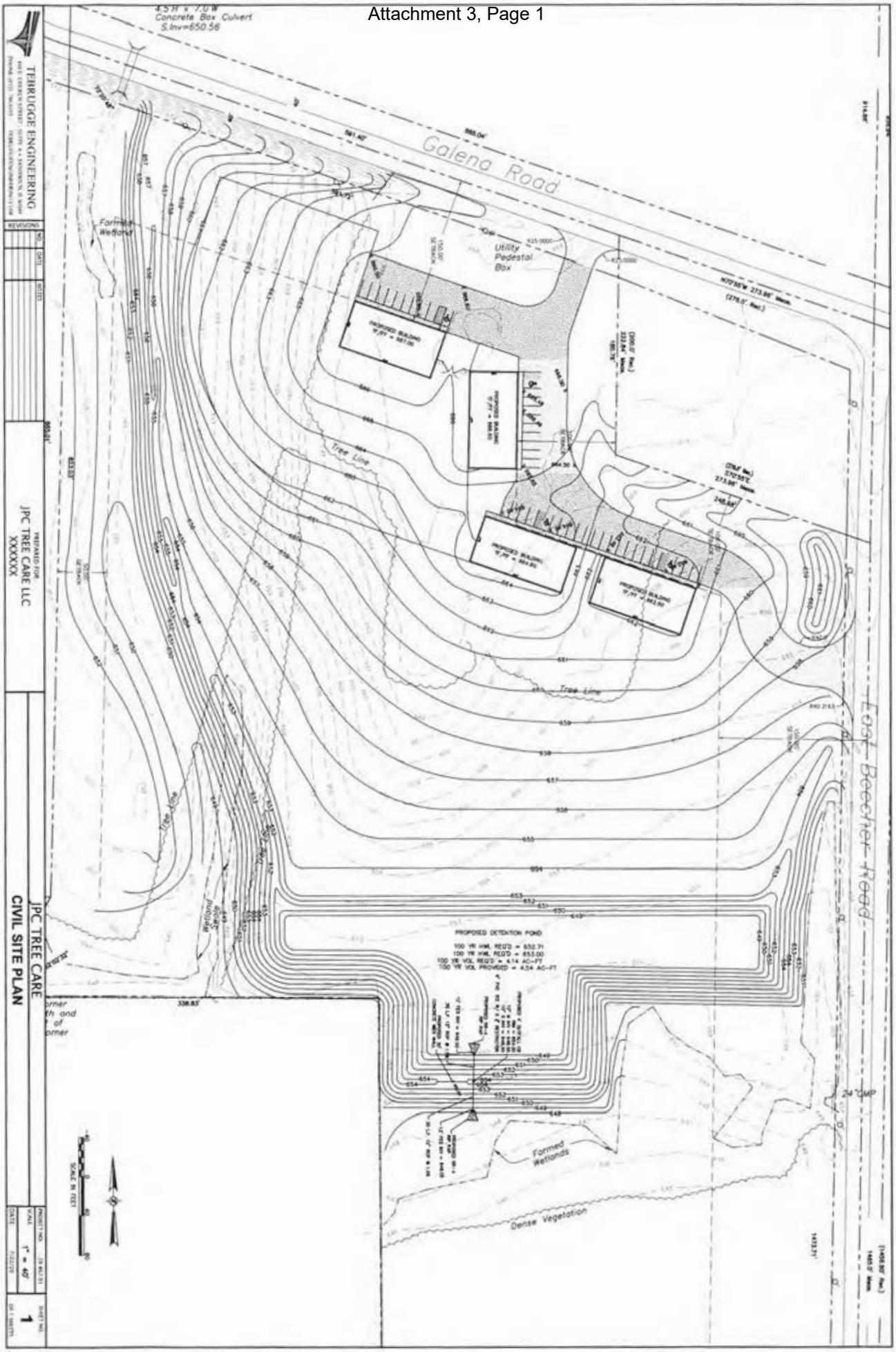
NORTH

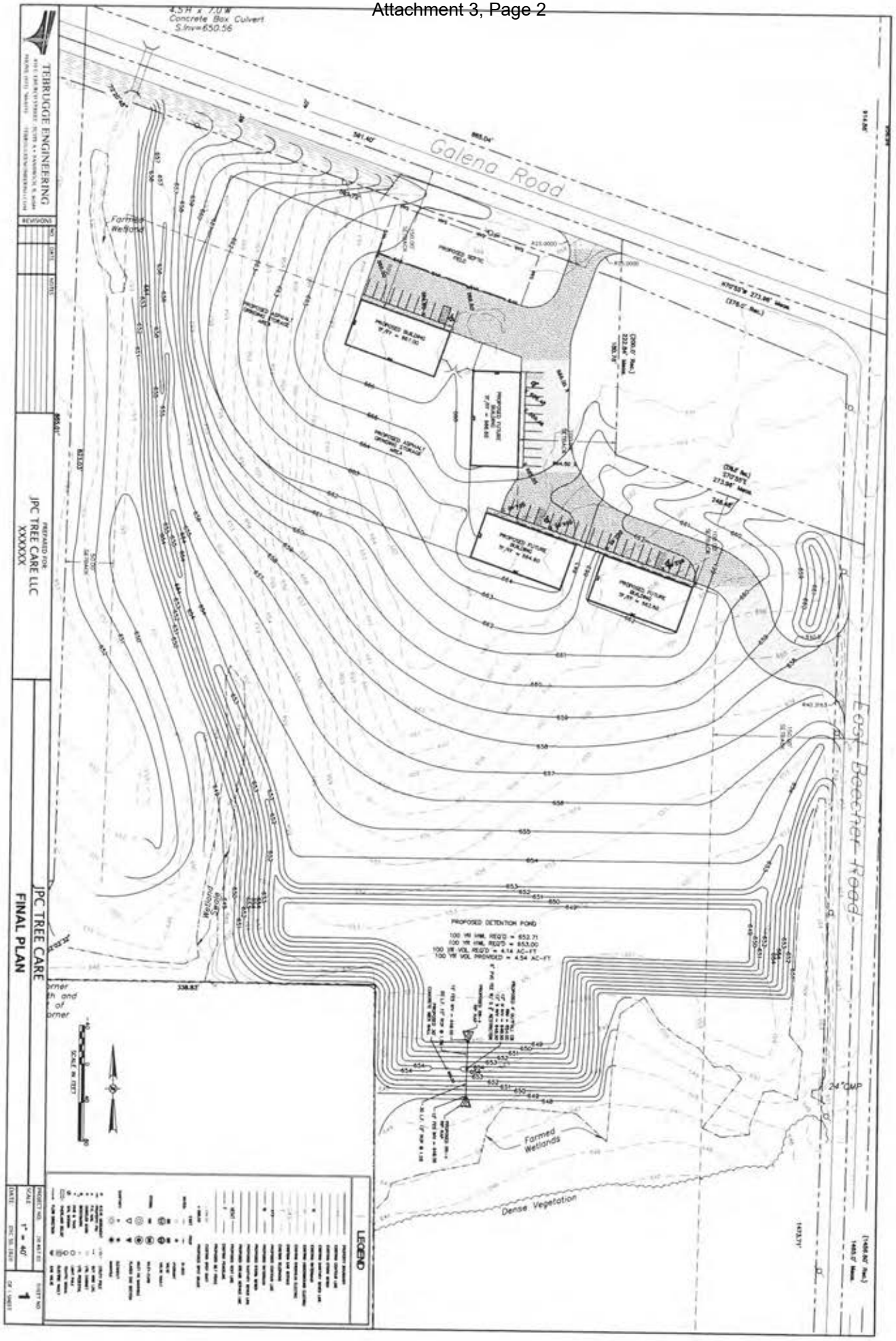
Cordero Property

Project Number: 20-0617B

Mr. Daniel J. Kramer

Exhibit G

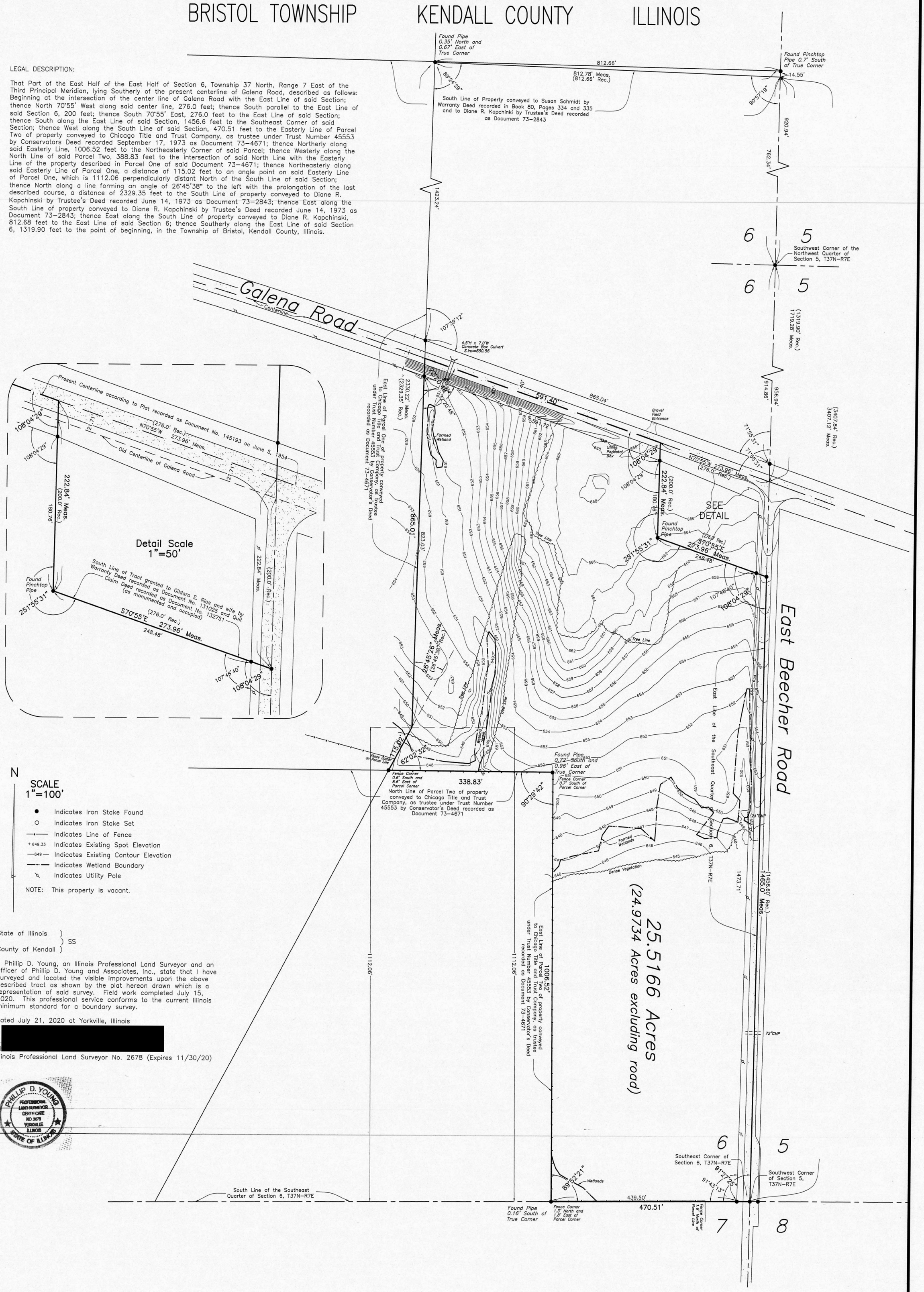

4.5'H x 7.0'W
Concrete Box Culvert
S.Inv=650.56
Galena Road
Farmed Wetland
Utility Pedestal Box
Tree Line
Tree Line
Tree Line
East Beecher Road
PROPOSED DETENTION POND
100 YR HWL REQ'D = 652.71
100 YR HWL REQ'D = 653.00
100 YR VOL REQ'D = 4.14 AC-FT
100 YR VOL PROVIDED = 4.54 AC-FT
24" CMP
Formed Wetlands
Dense Vegetation
TERRUGGE ENGINEERING
REVISIONS
PREPARED FOR
JPC TREE CARE LLC
XXXXXX
JPC TREE CARE
CIVIL SITE PLAN
SCALE
1" = 40'
SHEET NO.
1


4.5'H x 7.0'W
Concrete Box Culvert
S.Invs=650.56
Galena Road
Farmed Wetland
PROPOSED SEPTIC FIELD
PROPOSED BUILDING
PROPOSED FUTURE BUILDING
PROPOSED ASPHALT DRIVE/PARKING AREA
PROPOSED DETENTION POND
100 YR HWL REQ'D = 652.71
100 YR HWL REQ'D = 653.00
100 YR VOL REQ'D = 4.14 AC-FT
100 YR VOL PROVIDED = 4.54 AC-FT
East Beecher Road
Railroad
Farmed Wetlands
Dense Vegetation
LEGEND
TEBRUGGE ENGINEERING
REVISIONS
PREPARED FOR
JPC TREE CARE LLC
XXXXXX
JPC TREE CARE
FINAL PLAN
SCALE
1" = 40'
SHEET NO.
1

PLAT OF SURVEY AND TOPOGRAPHY OF
PART OF THE SOUTHEAST QUARTER OF SECTION 6, T37N–R7E, 3rd PM
BRISTOL TOWNSHIP KENDALL COUNTY ILLINOIS

LEGAL DESCRIPTION:

That Part of the East Half of the East Half of Section 6, Township 37 North, Range 7 East of the Third Principal Meridian, lying Southerly of the present centerline of Galena Road, described as follows: Beginning at the intersection of the center line of Galena Road with the East Line of said Section; thence North 70°55' West along said center line, 276.0 feet; thence South parallel to the East Line of said Section 6, 200 feet; thence South 70°55' East, 276.0 feet to the East Line of said Section; thence South along the East Line of said Section, 1456.6 feet to the Southeast Corner of said Section; thence West along the South Line of said Section, 470.51 feet to the Easterly Line of Parcel Two of property conveyed to Chicago Title and Trust Company, as trustee under Trust Number 45553 by Conservators Deed recorded September 17, 1973 as Document 73–4671; thence Northerly along said Easterly Line, 1006.52 feet to the Northeasterly Corner of said Parcel; thence Westerly along the North Line of said Parcel Two, 388.83 feet to the intersection of said North Line with the Easterly Line of the property described in Parcel One of said Document 73–4671; thence Northeasterly along said Easterly Line of Parcel One, a distance of 115.02 feet to an angle point on said Easterly Line of Parcel One, which is 1112.06 perpendicularly distant North of the South Line of said Section; thence North along a line forming an angle of 26°45'38" to the left with the prolongation of the last described course, a distance of 2329.35 feet to the South Line of property conveyed to Diane R. Kapchinski by Trustee's Deed recorded June 14, 1973 as Document 73–2843; thence East along the South Line of property conveyed to Diane R. Kapchinski by Trustee's Deed recorded June 14, 1973 as Document 73–2843; thence East along the South Line of property conveyed to Diane R. Kapchinski, 812.68 feet to the East Line of said Section 6; thence Southerly along the East Line of said Section 6, 1319.90 feet to the point of beginning, in the Township of Bristol, Kendall County, Illinois.



N

SCALE 1"=100'

- ● Indicates Iron Stake Found
- ○ Indicates Iron Stake Set
- —/— Indicates Line of Fence
- +649.33 Indicates Existing Spot Elevation
- —649— Indicates Existing Contour Elevation
- —··— Indicates Wetland Boundary
- Indicates Utility Pole

NOTE: This property is vacant.

State of Illinois)
) SS
County of Kendall)

I, Phillip D. Young, an Illinois Professional Land Surveyor and an officer of Phillip D. Young and Associates, Inc., state that I have surveyed and located the visible improvements upon the above described tract as shown by the plat hereon drawn which is a representation of said survey. Field work completed July 15, 2020. This professional service conforms to the current Illinois minimum standard for a boundary survey.

Dated July 21, 2020 at Yorkville, Illinois

[redacted]
Illinois Professional Land Surveyor No. 2678 (Expires 11/30/20)

PHILLIP D. YOUNG PROFESSIONAL LAND SURVEYOR CERTIFICATE NO. 2678 YORKVILLE ILLINOIS STATE OF ILLINOIS

JOB NO.	17007
JOB NAME	CORDERO
DWG FILE	17007D2
REVISION DATE	

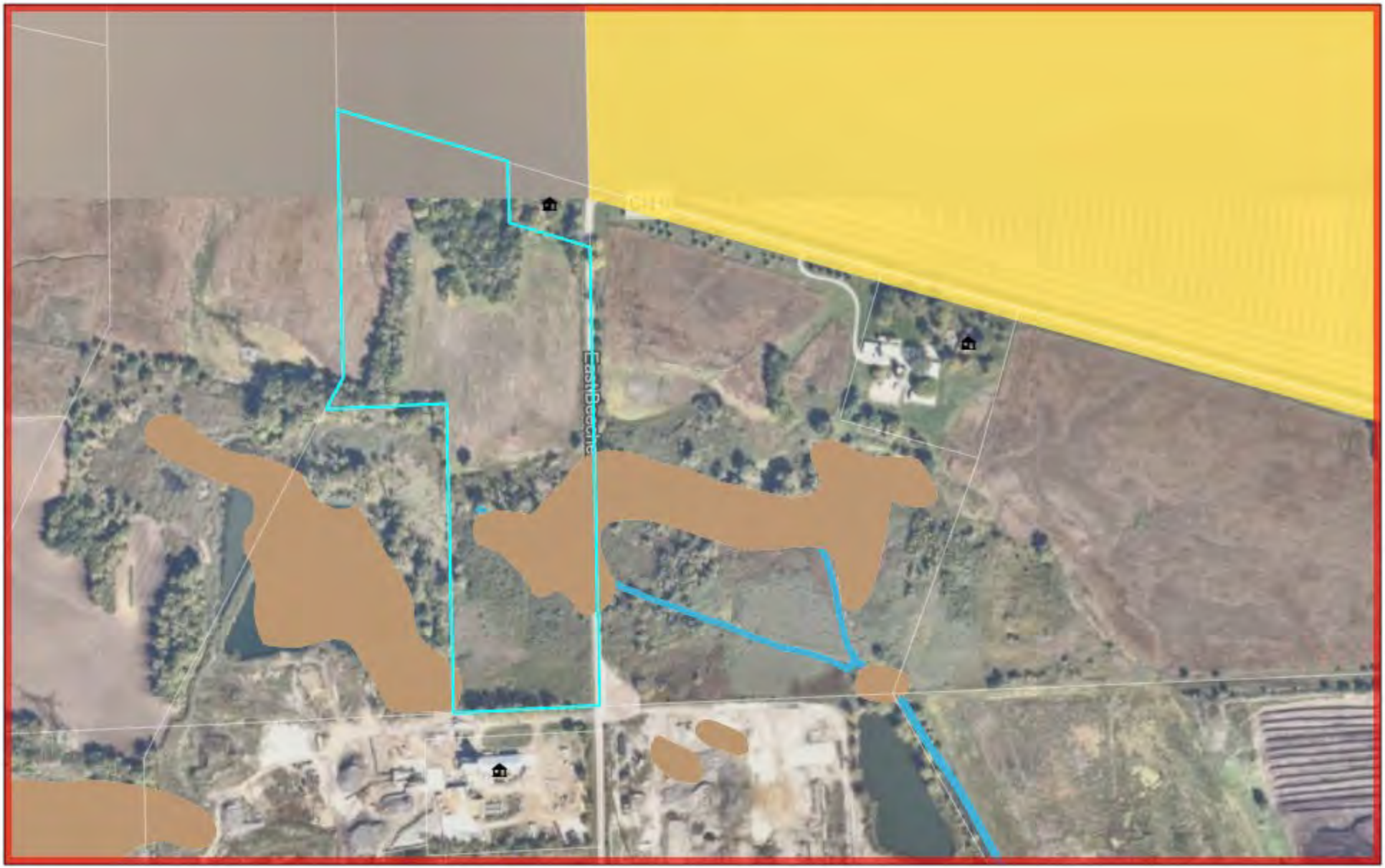
Phillip D. Young and Associates, Inc.
LAND SURVEYING – TOPOGRAPHIC MAPPING – Lic.#184–002775
1107B South Bridge Street
Yorkville, Illinois 60560
Telephone (630)553–1580

Attachment 4 Aerial



Attachment 5-Wetland Aerial

Kendall County Web GIS



February 5, 2021

Kendall County Address Points

Parcels

Ownership Parcel

Incorporated Areas

Yorkville

USA Wetlands

Marine

Estuarine

Palustrine

Riverine

1:7,200

0 0.04 0.09 0.18 mi

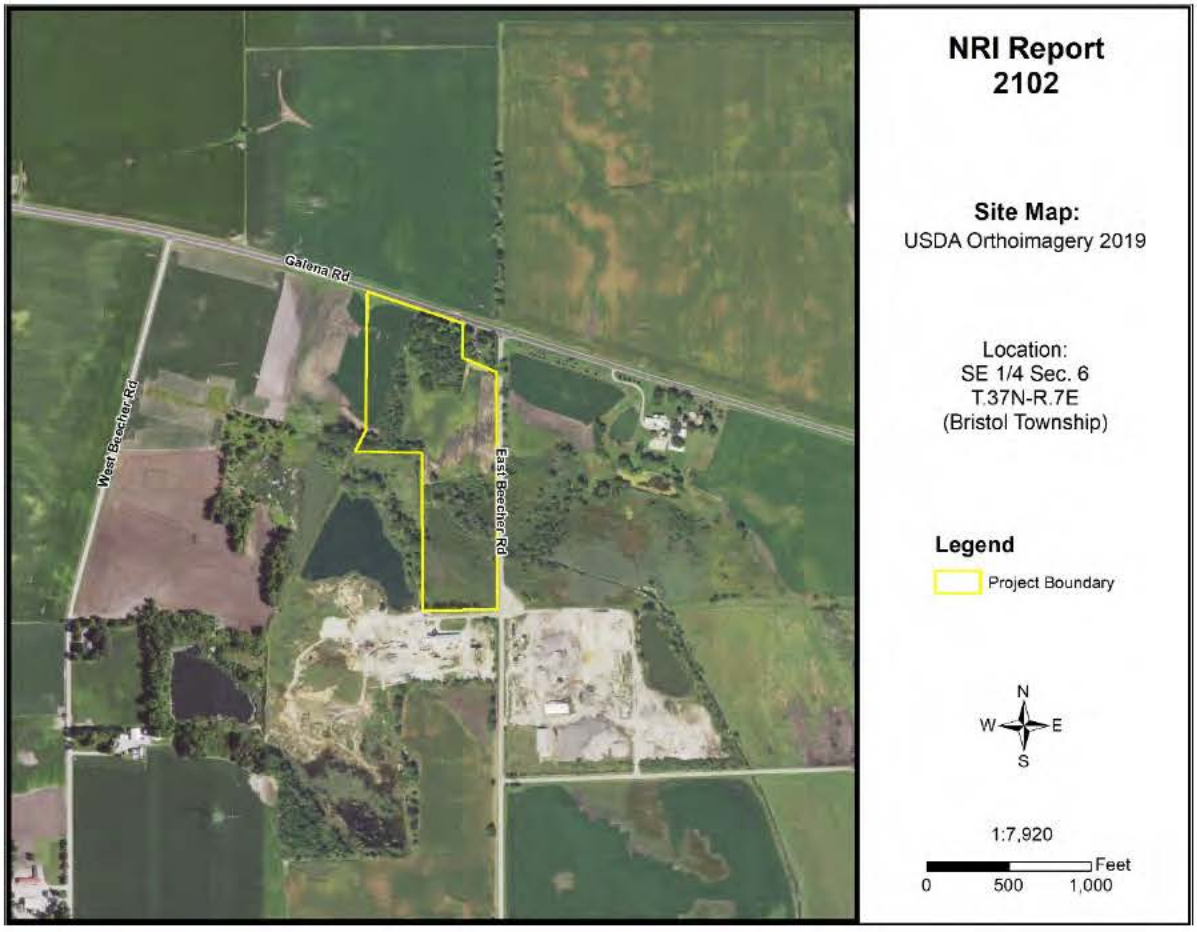
0 0.05 0.1 0.2 km

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Kendall County Web GIS

View GIS Disclaimer at https://www.co.kendall.il.us/departments/geographic-information-systems/gis-disclaimer-page/.

NATURAL RESOURCE INFORMATION (NRI) REPORT: #2102



Feb 2021

Petitioner: Cordero Real Estate, LLC
Contact: Attorney Daniel J. Kramer

Prepared By:

Kendall County Soil & Water Conservation District

7775A Route 47
Yorkville, Illinois 60560
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www.kendallswcd.org

KENDALL COUNTY SOIL AND WATER CONSERVATION DISTRICT
NATURAL RESOURCE INFORMATION (NRI) REPORT

Natural Resource Information Report Number	2102
Date District Board Reviews Application	February 2021
Applicant's Name	Cordero Real Estate, LLC
Size of Parcel	+/- 24.97 acres
Current Zoning & Use	A-1 Agricultural; Vacant/Farm
Proposed Zoning & Use	M-1 Limited Manufacturing; Tree Service & Mulch Business
Parcel Index Number(s)	02-06-400-007
Contact Person	Attorney Daniel J. Kramer

Copies of this report or notification of the proposed land-use change was provided to:	**Yes**	**No**
The Applicant	X	
The Applicant's Legal Representation	X	
The Local/Township Planning Commission	X	
The Village/City/**County** Planning and Zoning Department or Appropriate Agency	X	
The Kendall County Soil and Water Conservation District Files	X	

Report Prepared By: *Alyse Olson* Position: *Resource Conservationist*

PURPOSE AND INTENT

The purpose of this report is to provide officials of the local governing body and other decision-makers with natural resource information. This information may be useful when undertaking land use decisions concerning variations, amendments or relief of local zoning ordinances, proposed subdivision of vacant or agricultural lands and the subsequent development of these lands. This report is a requirement under Section 22.02a of the Illinois Soil and Water Conservation Districts Act.

The intent of this report is to present the most current natural resource information available in a readily understandable manner. It contains a description of the present site conditions, the present resources, and the potential impacts that the proposed change may have on the site and its resources. The natural resource information was gathered from standardized data, on-site investigations and information furnished by the petitioner. This report must be read in its entirety so that the relationship between the natural resource factors and the proposed land use change can be fully understood.

Due to the limitations of scale encountered with the various resource maps, the property boundaries depicted in the various exhibits in this report provide a generalized representation of the property location and may not precisely reflect the legal description of the PIQ (Parcel in Question).

This report, when used properly, will provide the basis for proper land use change decisions and development while protecting the natural resource base of the county. It should not be used in place of detailed environmental and/or engineering studies that are warranted under most circumstances, but in conjunction with those studies.

The conclusions of this report in no way indicate that a certain land use is not possible, but it should alert the reader to possible problems that may occur if the capabilities of the land are ignored. Any questions on the technical data supplied in this report or if anyone feels that they would like to see more additional specific information to make the report more effective, please contact:

Kendall County Soil and Water Conservation District
7775A Route 47, Yorkville, IL 60560
Phone: (630) 553-5821 ext. 3
E-mail: Alyse.Olson@il.nacdnet.net

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EXECUTIVE SUMMARY

Natural Resource Information Report Number	#2102
Petitioner	Cordero Real Estate, LLC
Contact Person	Attorney Daniel J. Kramer
County or Municipality the Petition is Filed With	Kendall County
Location of Parcel	SE ¼ of Section 6, Township 37 North, Range 7 East (Bristol Township) of the 3rd Principal Meridian
Project or Subdivision Name	JPC Tree
Existing Zoning & Land Use	A-1 Agricultural; Vacant/Farm
Proposed Zoning & Land Use	M-1 Limited Manufacturing; Tree Service & Mulch Business
Proposed Water Source	Well
Proposed Type of Sewage Disposal System	Septic
Proposed Type of Storm Water Management	On-site detention facility and release
Size of Site	+/- 24.97 acres
Land Evaluation Site Assessment Score	Land Evaluation: 90; Site Assessment: 86

NATURAL RESOURCE CONSIDERATIONS

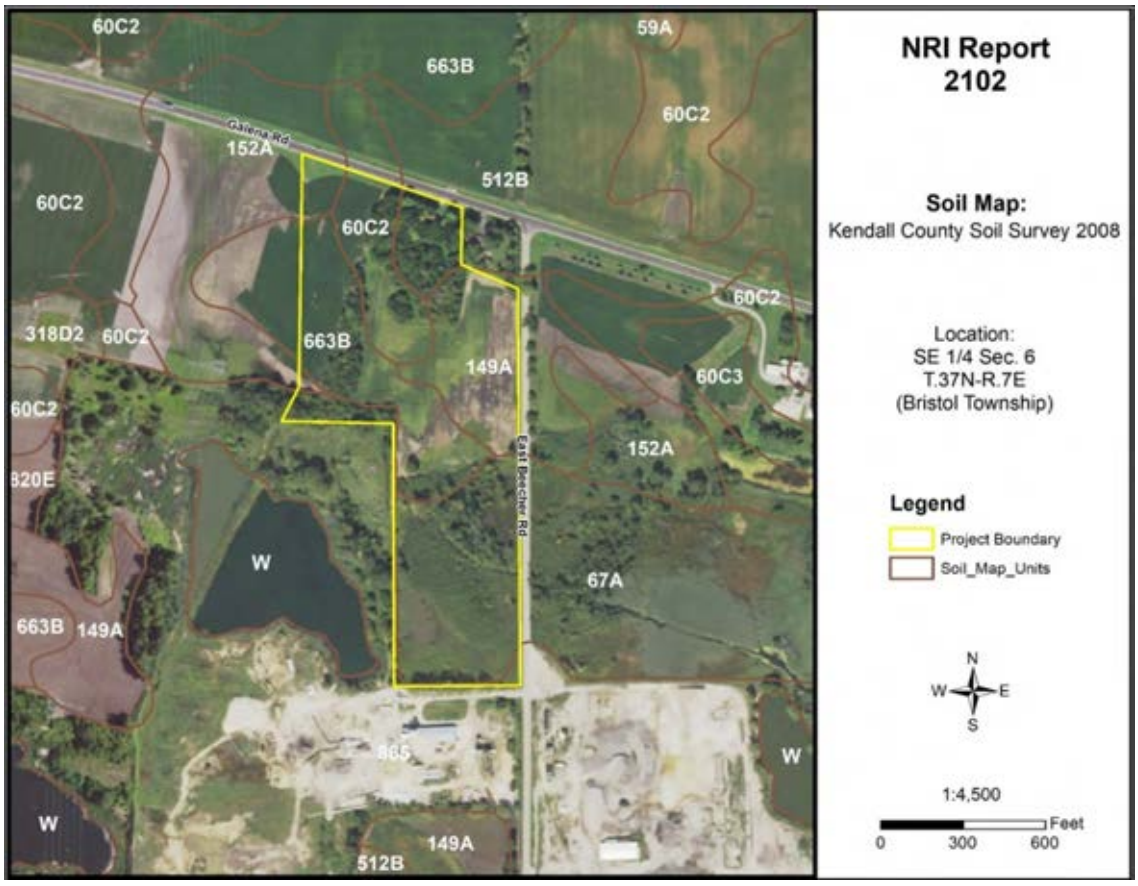


Figure 1: Soil Map

SOIL INFORMATION

Based on information from the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) 2008 Kendall County Soil Survey, this parcel is shown to contain the following soil types (please note this does not replace the need for or results of onsite soil testing; if completed, please refer to onsite soil test results for planning/engineering purposes):

Table 1: Soils Information

Map Unit	Soil Name	Drainage Class	Hydrologic Group	Hydric Designation	Farmland Designation
60C2	La Rose silt loam, 5-10% slopes, eroded	Moderately Well Drained	C	Non-hydric	Farmland of Statewide Importance
67A	Harpster silty clay loam, 0-2% slopes	Poorly Drained	B/D	Hydric	Prime Farmland if drained
149A	Brenton silt loam, 0-2% slopes	Somewhat Poorly Drained	B/D	Non-hydric	Prime Farmland
152A	Drummer silty clay loam, 0-2% slopes	Poorly Drained	B/D	Hydric	Prime Farmland if drained
512B	Danabrook silt loam, 2-5% slopes	Moderately Well Drained	C	Non-hydric	Prime Farmland
663B	Clare silt loam, 2-5% slopes	Moderately Well Drained	C	Non-hydric	Prime Farmland

865	Pits, gravel	N/A	N/A	N/A	Not Prime Farmland

Hydrologic Soil Groups – Soils have been classified into four (A, B, C, D) hydrologic groups based on runoff characteristics due to rainfall. If a soil is assigned to a dual hydrologic group (A/D, B/D or C/D), the first letter is for drained areas and the second letter is for undrained areas.

- **Hydrologic group A:** Soils have a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
- **Hydrologic group B:** Soils have a moderate infiltration rate when thoroughly wet, consist chiefly of moderately deep to deep, moderately well drained to well drained soils that have a moderately fine to moderately coarse texture. These soils have a moderate rate of water transmission.
- **Hydrologic group C:** Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.
- **Hydrologic group D:** Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Hydric Soils – A hydric soil is one that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part of the soil profile that supports the growth or regeneration of hydrophytic vegetation. Soils with hydric inclusions have map units dominantly made up of non-hydric soils that may have inclusions of hydric soils in the lower positions on the landscape. Of the soils found onsite, two are classified as hydric (67A Harpster silty clay loam and 152A Drummer silty clay loam), four are non-hydric soils (60C2 LaRose silt loam, 149A Brenton silt loam, 512B Danabrook silt loam, and 663B Clare silt loam), and one is not rated (865 Pits, gravel). There are two soils on-site that are likely to contain hydric inclusions (149A Brenton silt loam and 865 Pits, gravel).

Prime Farmland – Prime farmland is land that has the best combination of physical and chemical characteristics for agricultural production. Prime farmland soils are an important resource to Kendall County and some of the most productive soils in the United States occur locally. Of the soils found onsite, three are designated as prime farmland (149A Brenton silt loam, 512B Danabrook silt loam, and 663B Clare silt loam), two are considered prime farmland if drained (67A Harpster silty clay loam and 152A Drummer silty clay loam), one is not prime farmland (865 Pits, gravel), and one is designated as farmland of statewide importance (60C2 La Rose silt loam).

Soil Limitations – The USDA-NRCS Web Soil Survey rates the limitations of soils for dwellings without basements, dwellings with basements, small commercial buildings, shallow excavations, lawns/landscaping, local roads and streets, and septic systems. Soils have different properties which influence the development of building sites. The USDA-NRCS classifies soils as Not Limited, Somewhat Limited, and Very Limited. Soils that are Not Limited indicates that the soil has properties that are favorable for the specified use. They will perform well and will have low maintenance. Soils that are Somewhat Limited are moderately favorable, and their limitations can be overcome through special

planning, design, or installation. Soils that are Very Limited have features that are unfavorable for the specified use, and their limitations cannot easily be overcome.

Table 2: Soil Limitations

Soil Type	Small Commercial Buildings	Shallow Excavations	Lawns/ Landscaping	Local Roads & Streets	Conventional Septic Systems
60C2	Somewhat Limited	Very Limited	Somewhat Limited	Very Limited	Suitable
67A	Very Limited	Very Limited	Very Limited	Very Limited	Unsuitable: Wet
149A	Somewhat Limited	Very Limited	Somewhat Limited	Very Limited	Suitable
152A	Very Limited	Very Limited	Very Limited	Very Limited	Unsuitable: Wet
512B	Somewhat Limited	Somewhat Limited	Somewhat Limited	Very Limited	Suitable
663B	Somewhat Limited	Somewhat Limited	Somewhat Limited	Very Limited	Suitable
865	Not Rated	Not Rated	Not Rated	Not Rated	Unsuitable: Gravel

Septic Systems – The factors considered for determining suitability are the characteristics and qualities of the soil that affect the limitations for absorbing waste from domestic sewage disposal systems. The major features considered are soil permeability, percolation rate, groundwater level, depth to bedrock, flooding hazards, and slope. Soils are deemed unsuitable per the Kendall County Subdivision Control Ordinance. Installation of an on-site sewage disposal system in soils designated as unsuitable may necessitate the installation of a non-conventional onsite sewage disposal system. For more information please contact the Kendall County Health Department (811 W. John Street, Yorkville, IL; (630) 553-9100 ext. 8026).

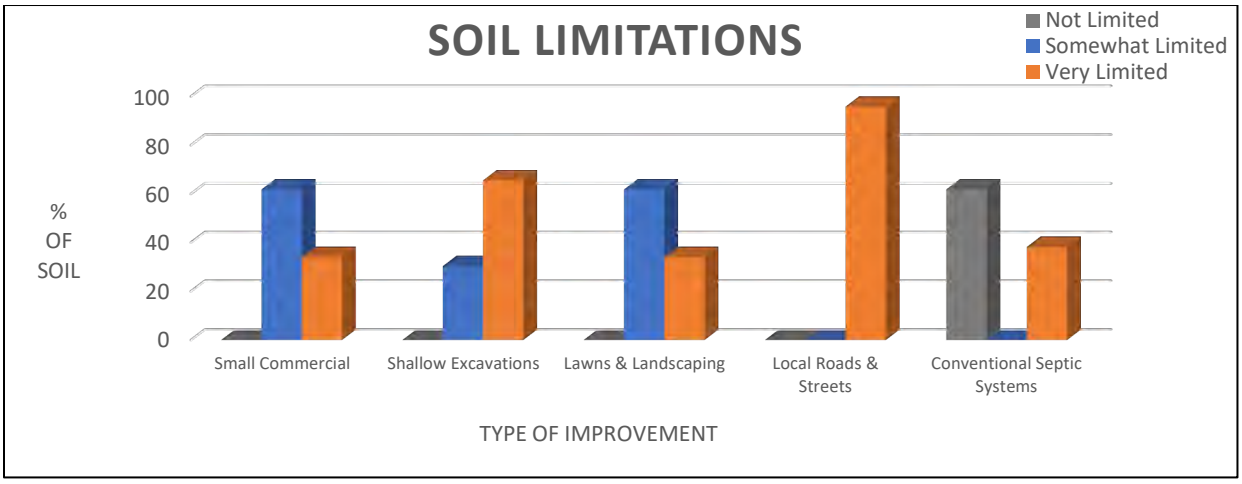


Figure 2: Soil Limitations

KENDALL COUNTY LAND EVALUATION AND SITE ASSESSMENT (LESA)

Decision-makers in Kendall County use the Land Evaluation and Site Assessment (LESA) system to determine the suitability of a land use change and/or a zoning request as it relates to agricultural land.

The LESA system was developed by the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) and takes into consideration local conditions such as physical characteristics of the land, compatibility of surrounding land-uses, and urban growth factors. The LESA system is a two-step procedure that includes:

- **Land Evaluation (LE)**: The soils of a given area are rated and placed in groups ranging from the best to worst suited for a stated agriculture use, cropland, or forestland. The best group is assigned a value of 100 and all other groups are assigned lower values. The Land Evaluation is based on data from the Kendall County Soil Survey. The Kendall County Soil and Water Conservation District is responsible for this portion of the LESA system.
    - The Land Evaluation score for this site is **90**, indicating that this site **is well suited** for agricultural uses.
- **Site Assessment (SA)**: The site is numerically evaluated according to important factors that contribute to the quality of the site. Each factor selected is assigned values in accordance with the local needs and objectives. The Site Assessment value is based on a 200-point scale and accounts for 2/3 of the total score. The Kendall County LESA Committee is responsible for this portion of the LESA system.
    - The Site Assessment score for this site is **86**.

The **LESA Score for this site is 176, which indicates a low level of protection** for the proposed project site. Note: Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County. If the project is agricultural in nature, however, a higher score may provide an indication of the suitability of the project as it relates to the compatibility with existing agricultural land use.

WETLANDS

The U.S. Fish & Wildlife Service's National Wetland Inventory map **indicates the presence** of a wetland(s) on the proposed project site. To determine if a wetland is present, a wetland delineation specialist, who is recognized by the U.S. Army Corps of Engineers, should determine the exact boundaries and value of the wetlands. A Wetland Delineation Report dated July 28, 2020 was completed by ENCAP, Inc. This report was reviewed as part of this NRI assessment. The Wetland Delineation Report also indicates the presence of wetlands on the project site.

FLOODPLAIN

The Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) for Kendall County, Community Panel No. 17093C0030G (effective date February 4, 2009) was reviewed to determine the presence of floodplain and floodway areas within the project site. According to the map, the parcel **is not located** within the floodplain or floodway.

SEDIMENT AND EROSION CONTROL

Development on this site should include an erosion and sediment control plan in accordance with local, state and federal regulations. Soil erosion on construction sites is a resource concern because suspended sediment from areas undergoing development is a primary nonpoint source of water pollution. Please consult the *Illinois Urban Manual* (https://illinoisurbanmanual.org/) for appropriate best management practices.

LAND USE FINDINGS:

The Kendall County Soil and Water Conservation District (SWCD) Board has reviewed the proposed development plans for Petitioner Cordero Real Estate, LLC at the request of their contact, Attorney Daniel J. Kramer, for the proposed tree service business (zoning change request) within Bristol Township of Kendall County located in the SE ¼ of Section 6, Township 37N, and Range 7E of the 3rd Principal Meridian. Based on the information provided by the petitioner and a review of natural resource related data available to the Kendall County SWCD, the SWCD Board presents the following information.

The Kendall County SWCD has always had the opinion that Prime Farmland should be preserved whenever feasible. Of the soils found onsite, 96% are classified as prime farmland. A land evaluation (LE), which is a part of the Land Evaluation and Site Assessment (LESA), was conducted on this parcel. The soils on this parcel scored a 90 out of a possible 100 points indicating that the soils are well suited for agricultural uses. The total LESA Score for this site is 176 out of a possible 300, which indicates a low level of protection for the proposed project site. Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County. If the project is agricultural in nature, however, a higher score may provide an indication of the suitability of the project as it relates to the compatibility with existing agricultural land use.

Soils found on the project site are rated for specific uses and can have potential limitations for development. Soil types with severe limitations do not preclude the ability to develop the site for the proposed use, but it is important to note that the limitation may require soil reclamation, special design/engineering, or maintenance to obtain suitable soil conditions to support development with significant limitations. This report indicates that for soils located on the parcel, 95.8% are very limited for local roads & streets, 65.5% are very limited for shallow excavations, and 34% are very limited for small commercial buildings and lawns/landscaping. The remaining soils are classified as either somewhat limited or not limited for these types of developments. Additionally, 38.2% are unsuitable for conventional septic systems. This information is based on the soil in an undisturbed state. If the scope of the project may include the use of onsite septic systems, please consult with the Kendall County Health Department.

This site is located within the Lower Fox River Watershed and Rob Roy Creek sub watershed. This development should include a soil erosion and sediment control plan to be implemented during construction. Sediment may become a primary non-point source of pollution; eroded soils during the construction phase can create unsafe conditions on roadways, degrade water quality and destroy aquatic ecosystems lower in the watershed.

For intense use, it is recommended that a drainage tile survey be completed on the parcel to locate the subsurface drainage tile and should be taken into consideration during the land use planning process. Drainage tile expedites drainage and facilitates farming. It is imperative that these drainage tiles remain undisturbed. Impaired tile may affect a few acres or hundreds of acres of drainage.

The information that is included in this Natural Resources Information Report is to assure that the Land Developers take into full consideration the limitations of that land that they wish to develop. Guidelines and recommendations are also a part of this report and should be considered in the planning process. The Natural Resource Information Report is required by the Illinois Soil and Water Conservation District Act (Ill. Complied Statues, Ch. 70, Par 405/22.02a).

[redacted]

SWCD Board Representative

02/10/21

Date

PARCEL LOCATION

Location Map for Natural Resources Information Report #2102

SE ¼ of Section 6, Township 37 North, Range 7 East (Bristol Township) on 24.97 acres. This parcel is located at the southwest corner of Galena Road and East Beecher Road in Bristol. The parcel is part of unincorporated Kendall County.

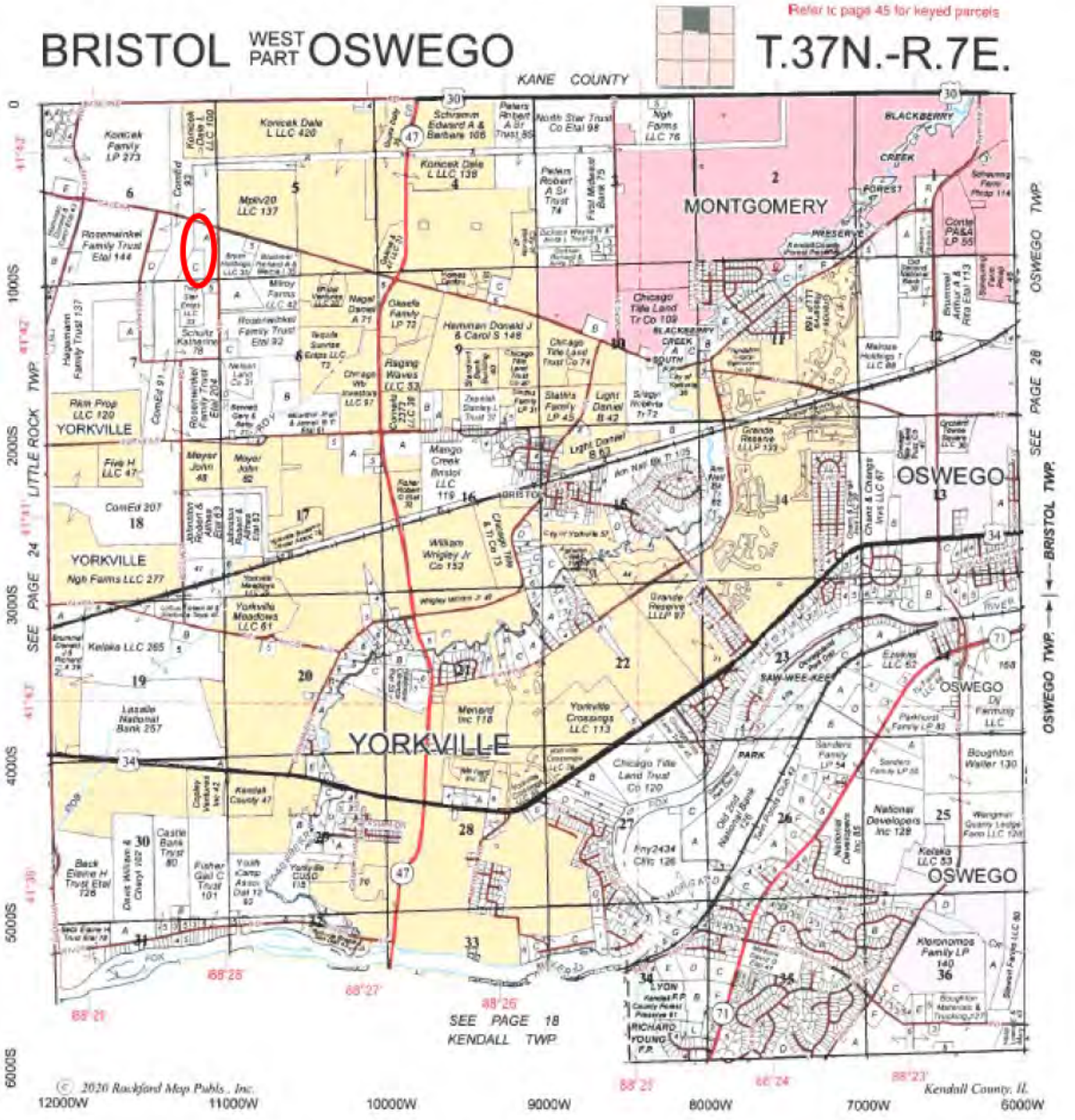


Figure 3: 2021 Plat Map

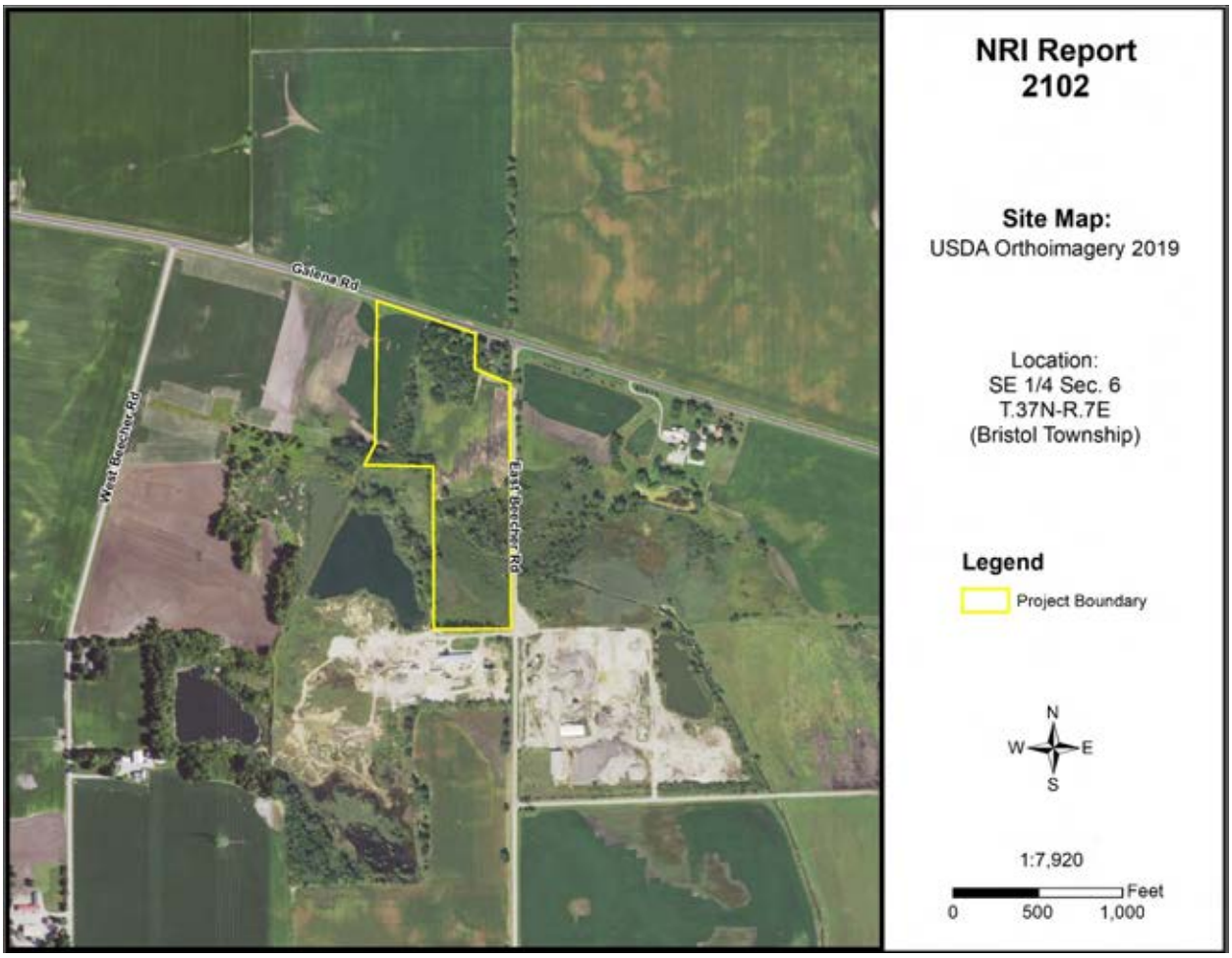


Figure 4: 2019 Aerial Map with NRI Site Boundary

ARCHAEOLOGIC/CULTURAL RESOURCES INFORMATION

Simply stated, cultural resources are all the past activities and accomplishments of people. They include the following: buildings; objects made or used by people; locations; and less tangible resources, such as stories, dance forms, and holiday traditions.

The Soil and Water Conservation District most often encounters cultural resources as historical properties. These may be prehistoric or historical sites, buildings, structures, features, or objects. The most common type of historical property that the Soil and Water Conservation District may encounter is non-structural archaeological sites. These sites often extend below the soil surface and must be protected against disruption by development or other earth moving activity if possible. Cultural resources are *non-renewable* because there is no way to "grow" a site to replace a disrupted site.

Landowners with historical properties on their land have ownership of that historical property. However, the State of Illinois owns all the following: human remains, grave markers, burial mounds, and artifacts associated with graves and human remains.

Non-grave artifacts from archaeological sites and historical buildings are the property of the landowner. The landowner may choose to disturb a historical property but may not receive federal or state assistance to do so. If an earth moving activity disturbs human remains, the landowner must contact the county coroner within 48 hours.

The Illinois Historic Preservation Agency has not been notified of the proposed land use change by the Kendall County SWCD. The applicant may need to contact the IHPA according to current Illinois law.

ECOLOGICALLY SENSITIVE AREAS

WHAT IS BIOLOGICAL DIVERSITY AND WHY SHOULD IT BE CONSERVED?[1]

Biological diversity, or biodiversity, is the range of life on our planet. A more thorough definition is presented by botanist Peter H. Raven: "At the simplest level, biodiversity is the sum total of all the plants, animals, fungi and microorganisms in the world, or in a particular area; all of their individual variation; and all of the interactions between them. It is the set of living organisms that make up the fabric of the planet Earth and allow it to function as it does, by capturing energy from the sun and using it to drive all of life's processes; by forming communities of organisms that have, through the several billion years of life's history on Earth, altered the nature of the atmosphere, the soil and the water of our Planet; and by making possible the sustainability of our planet through their life activities now" (Raven 1994).

It is not known how many species occur on our planet. Presently, about 1.4 million species have been named. It has been estimated that there are perhaps 9 million more that have not been identified. What is known is that they are vanishing at an unprecedented rate. Reliable estimates show extinction occurring at a rate several orders of magnitude above "background" in some ecological systems (Wilson 1992, Hoose 1981).

The reasons for protecting biological diversity are complex, but they fall into four major categories. First, loss of diversity generally weakens entire natural systems. Healthy ecosystems tend to have many natural checks and balances. Every species plays a role in maintaining this system. When simplified by the loss of diversity, the system becomes more susceptible to natural and artificial perturbations. The chances of a system-wide collapse increase. In parts of the midwestern United States, for example, it was only the remnant areas of natural prairies that kept soil intact during the dust bowl years of the 1930s (Roush 1982).

Simplified ecosystems are almost always expensive to maintain. For example, when synthetic chemicals are relied upon to control pests, the target species are not the only ones affected. Their predators are almost always killed or driven away, exasperating the pest problem. In the meantime, people are unintentionally breeding pesticide-resistant pests. A process has begun where people become perpetual guardians of the affected area, which requires the expenditure of financial resources and human ingenuity to keep the system going.

A second reason for protecting biological diversity is that it represents one of our greatest untapped resources. Great benefits can be reaped from a single species. About 20 species provide 90% of the world's food. Of these 20, just three, wheat, maize, and rice-supply over one half of that food. American wheat farmers need new varieties every five to 15 years to compete with pests and diseases. Wild strains of wheat are critical genetic reservoirs for these new varieties.

Further, every species is a potential source of human medicine. In 1980, a published report identified the market value of prescription drugs from higher plants at over $3 billion. Organic alkaloids, a class of

chemical compounds used in medicines, are found in an estimated 20% of plant species. Yet only 2% of plant species have been screened for these compounds (Hoose 1981).

The third reason for protecting diversity is that humans benefit from natural areas and depend on healthy ecosystems. The natural world supplies our air, our water, our food and supports human economic activity. Further, humans are creatures that evolved in a diverse natural environment between forest and grasslands. People need to be reassured that such places remain. When people speak of "going to the country," they generally mean more than getting out of town. For reasons of their own sanity and wellbeing, they need a holistic, organic experience. Prolonged exposure to urban monotony produces neuroses, for which cultural and natural diversity cure.

Historically, the lack of attention to biological diversity, and the ecological processes it supports, has resulted in economic hardships for segments of the basin's human population.

The final reason for protecting biological diversity is that species and natural systems are intrinsically valuable. The above reasons have focused on the benefits of the natural world to humans. All things possess intrinsic value simply because they exist.

BIOLOGICAL RESOURCES CONCERNING THE SUBJECT PARCEL

As part of the Natural Resources Information Report, staff checks office maps to determine if any nature preserves or ecologically sensitive areas are in the general vicinity of the parcel in question. If there is a nature preserve in the area, then that resource will be identified as part of the report. The SWCD recommends that every effort be made to protect that resource. Such efforts should include, but are not limited to erosion control, sediment control, stormwater management, and groundwater monitoring.

Office maps indicate that ecologically sensitive area(s) are located near the parcel in question (PIQ). Wetlands are present and Rob Roy Creek is located east and south of the PIQ. Additionally, a July 27, 2020 consultation from the U.S. Fish & Wildlife Service initiated by ENCAP, Inc. indicates the potential presence of 3 threatened, endangered, or candidate species (Indiana Bat, Northern Long-eared Bat, and Eastern Prairie Fringed Orchid) within the PIQ. An informational EcoCAT request submitted to Illinois Department of Natural Resources on July 27, 2020 by ENCAP, Inc. indicates that nature preserves were not found in the vicinity of the project location.

[1]Taken from *The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities*, prepared by the Nature Conservancy Great Lakes Program 79W. Monroe Street, Suite 1309, Chicago, IL 60603, January 1994.

SOILS INFORMATION

IMPORTANCE OF SOILS INFORMATION

Soils information comes from the Natural Resources Conservation Service Soil Maps and Descriptions for Kendall County. This information is important to all parties involved in determining the suitability of the proposed land use change.

Each soil polygon is given a number, which represents its soil type. The letter found after the soil type number indicates the soils slope class.

Each soil map unit has limitations for a variety of land uses such as septic systems, buildings with basements, and buildings without basements. It is important to remember that soils do not function independently of each other. The behavior of a soil depends upon the physical properties of adjacent soil types, the presence of artificial drainage, soil compaction, and its position in the local landscape.

The limitation categories (not limited, somewhat limited, or very limited) indicate the potential for difficulty in using that soil unit for the proposed activity and, thus, the degree of need for thorough soil borings and engineering studies. A limitation does not necessarily mean that the proposed activity cannot be done on that soil type. It does mean that the reasons for the limitation need to be thoroughly understood and dealt with in order to complete the proposed activity successfully. Very limited indicates that the proposed activity will be more difficult and costly to do on that soil type than on a soil type with a somewhat limited or not limited rating.

Soil survey interpretations are predictions of soil behavior for specified land uses and specified management practices. They are based on the soil properties that directly influence the specified use of the soil. Soil survey interpretations allow users of soil surveys to plan reasonable alternatives for the use and management of soils.

Soil interpretations do not eliminate the need for on-site study and testing of specific sites for the design and construction for specific uses. They can be used as a guide for planning more detailed investigations and for avoiding undesirable sites for an intended use. The scale of the maps and the range of error limit the use of the soil delineation.

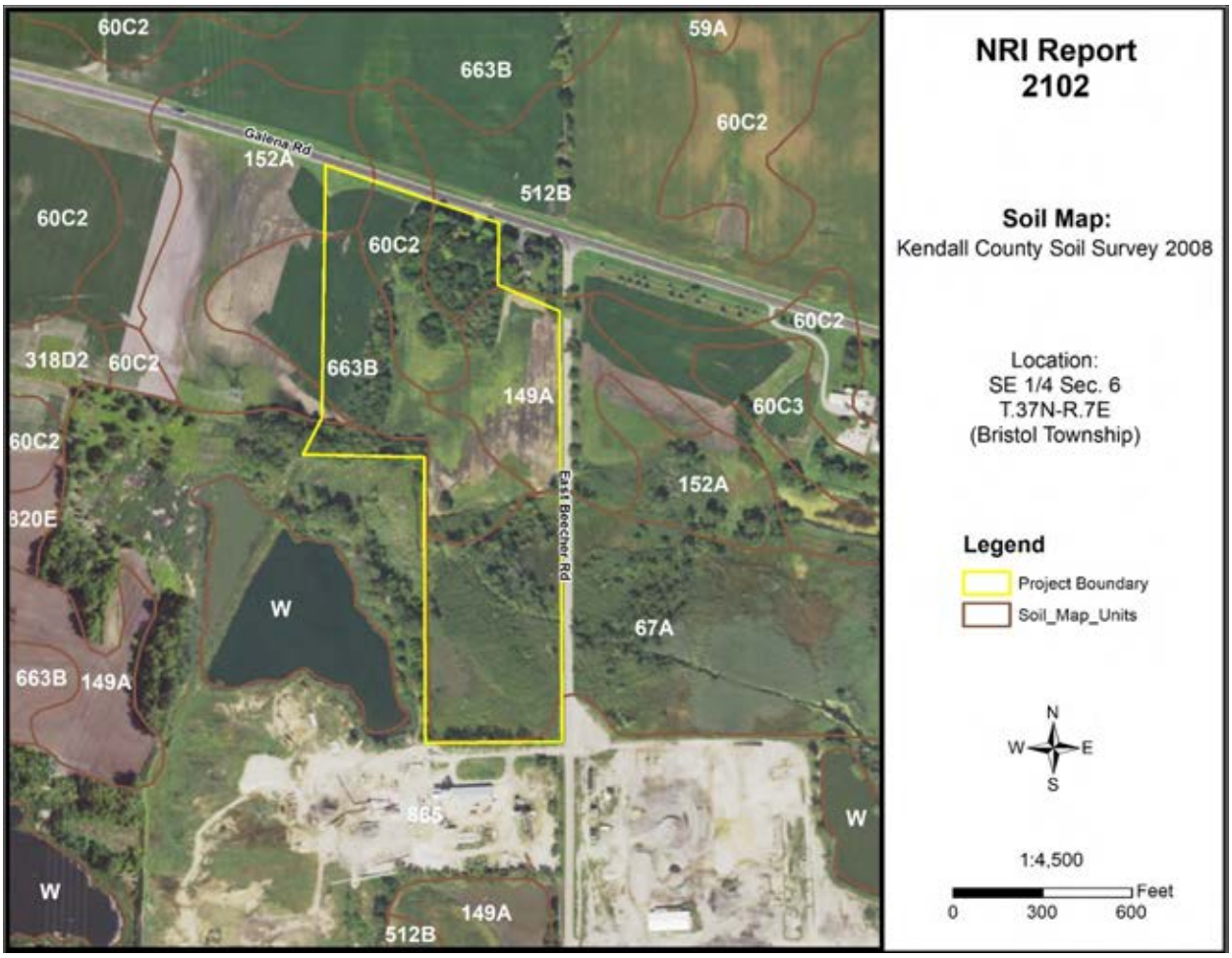


Figure 5: Soil Map

Table 3: Soil Map Unit Descriptions

Symbol	Descriptions	Acres	Percent
60C2	La Rose silt loam, 5-10% slopes, eroded	3.2	13.1%
67A	Harpster silty clay loam, 0-2% slopes	7.7	31.1%
149A	Brenton silt loam 0-2% slopes	4.5	18.4%
152A	Drummer silty clay loam, 0-2% slopes	0.7	2.9%
512B	Danabrook silt loam, 2-5% slopes	1.7	6.9%
663B	Clare silt loam, 2-5% slopes	5.8	23.4%
865	Pits, gravel	1.0	4.2%

Source: National Cooperative Soil Survey – USDA-NRCS

SOILS INTERPRETATIONS EXPLANATION

GENERAL – NONAGRICULTURAL

These interpretative ratings help engineers, planners, and others to understand how soil properties influence behavior when used for nonagricultural uses such as building site development or construction materials. This report gives ratings for proposed uses in terms of limitations and restrictive features. The tables list only the most restrictive features.

Other features may need treatment to overcome soil limitations for a specific purpose. Ratings come from the soil's "natural" state, that is, no unusual modification occurs other than that which is considered normal practice for the rated use. Even though soils may have limitations, an engineer may alter soil features or adjust building plans for a structure to compensate for most degrees of limitations. Most of these practices, however, are costly. The final decision in selecting a site for a particular use generally involves weighing the costs for site preparation and maintenance. Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, performance after construction, and maintenance. Soil limitation ratings of not limited, somewhat limited, and very limited are given for the types of proposed improvements that are listed or inferred by the petitioner as entered on the report application and/or zoning petition. The most common types of building limitation that this report gives limitations ratings for is septic systems. It is understood that engineering practices can overcome most limitations for buildings with and without basements, and small commercial buildings. Limitation ratings for these types of buildings are not commonly provided. Organic soils, when present on the parcel, are referenced in the hydric soils section of the report. This type of soil is considered unsuitable for all types of construction.

LIMIATIONS RATINGS

- **Not Limited:** This soil has favorable properties for the use. The degree of limitation is minor. The people involved can expect good performance and low maintenance.
- **Somewhat Limited**: This soil has moderately favorable properties for the use. Special planning, design, or maintenance can overcome this degree of limitation. During some part of the year, the expected performance is less desirable than for soils rated slight.
- **Very Limited**: This soil has one or more properties that are unfavorable for the rated use. These may include the following: steep slopes, bedrock near the surface, flooding, high shrink-swell potential, a seasonal high water table, or low strength. This degree of limitation generally requires major soil reclamation, special design, or intensive maintenance, which in most situations is difficult and costly.

BUILDING LIMITATIONS

BUILDING ON POORLY SUITED OR UNSUITABLE SOILS

Building on poorly suited or unsuitable soils can present problems to future property owners such as cracked foundations, wet basements, lowered structural integrity and high maintenance costs associated with these problems. The staff of the Kendall County SWCD strongly urges scrutiny by the plat reviewers when granting parcels with these soils exclusively.

Small Commercial Building – Ratings are for structures that are less than three stories high and do not have basements. The foundation is assumed to be spread footings of reinforced concrete built on disturbed soil at a depth of 2 feet or at the depth of maximum frost penetration, whichever is deeper. The ratings are based on soil properties that affect the capacity of the soil to support a load without movement and on the properties that affect excavation and construction costs.

Shallow Excavations – Trenches or holes dug to a maximum depth of 5 or 6 feet for utility lines, open ditches or other purposes. Ratings are based on soil properties that influence the ease of digging and the resistance to sloughing.

Lawns and Landscaping – Require soils on which turf and ornamental trees and shrubs can be established and maintained (irrigation is not considered in the ratings). The ratings are based on the soil properties that affect plant growth and trafficability after vegetation is established.

Local Roads and Streets – They have an all-weather surface and carry automobile and light truck traffic all year. They have a subgrade of cut or fill soil material, a base of gravel, crushed rock or soil material stabilized by lime or cement; and a surface of flexible material (asphalt), rigid material (concrete) or gravel with a binder. The ratings are based on the soil properties that affect the east of excavation and grading and the traffic-supporting capacity.

Onsite Sewage Disposal – The factors considered are the characteristics and qualities of the soil that affect the limitations for absorbing waste from domestic sewage disposal systems. The major features considered are soil permeability, percolation rate, groundwater level, depth to bedrock, flooding hazards, and slope. The table below indicates soils that are deemed unsuitable per the Kendall County Subdivision Control Ordinance. Installation of an on-site sewage disposal system in soils designated as unsuitable may necessitate the installation of a non-conventional onsite sewage disposal system. For more information please contact the Kendall County Health Department – Environmental Health at (630) 553-9100 x8026.

Table 4: Building Limitations

Soil Type	Small Commercial Buildings	Shallow Excavations	Lawns & Landscaping	Local Roads & Streets	Onsite Conventional Sewage Systems	Acres	%
60C2	**Somewhat Limited:** Slope; Depth to saturated zone	**Very Limited**: Depth to saturated zone; Dusty; Unstable excavation walls	**Somewhat Limited:** Depth to saturated zone; Dusty	**Very Limited:** Low strength; Frost action; Depth to saturated zone	**Suitable**	3.2	13.1%
67A	**Very Limited:** Ponding; Depth to saturated zone; Shrink-swell	**Very Limited:** Ponding; Depth to saturated zone; Dusty; Unstable excavation walls	**Very Limited:** Ponding; Depth to saturated zone; Dusty	**Very Limited:** Ponding; Depth to saturated zone; Frost action; Low strength; Shrink-swell	**Unsuitable:** Wet	7.7	31.1%
149A	**Somewhat Limited:** Depth to saturated zone; Shrink-swell	**Very Limited:** Depth to saturated zone; Dusty; Unstable excavation walls	**Somewhat Limited:** Depth to saturated zone; Dusty	**Very Limited:** Depth to saturated zone; Frost action; Low strength; Shrink-swell	**Suitable**	4.5	18.4%
152A	**Very Limited:** Ponding; Depth to saturated zone; Shrink-swell	**Very Limited:** Ponding; Depth to saturated zone; Dusty; Unstable excavation walls	**Very Limited:** Ponding; Depth to saturated zone; Dusty	**Very Limited:** Ponding; Depth to saturated zone; Frost action; Low strength; Shrink-swell	**Unsuitable:** Wet	0.7	2.9%
512B	**Somewhat Limited:** Shrink-swell	**Somewhat Limited:** Depth to saturated zone; Dusty; Unstable excavation walls	**Somewhat Limited:** Dusty	**Very Limited:** Frost action; Low strength; Shrink-swell	**Suitable**	1.7	6.9%
663B	**Somewhat Limited:** Shrink-swell	**Somewhat Limited:** Depth to saturated zone; Dusty; Unstable excavation walls	**Somewhat Limited:** Dusty	**Very Limited:** Frost action; Low strength; Shrink-swell	**Suitable**	5.8	23.4%
865	**Not Rated**	**Not Rated**	**Not Rated**	**Not Rated**	**Unsuitable:** Gravel	1.0	4.2%
% Very Limited	**34%**	**65.5%**	**34%**	**95.8%**	**38.2%**		

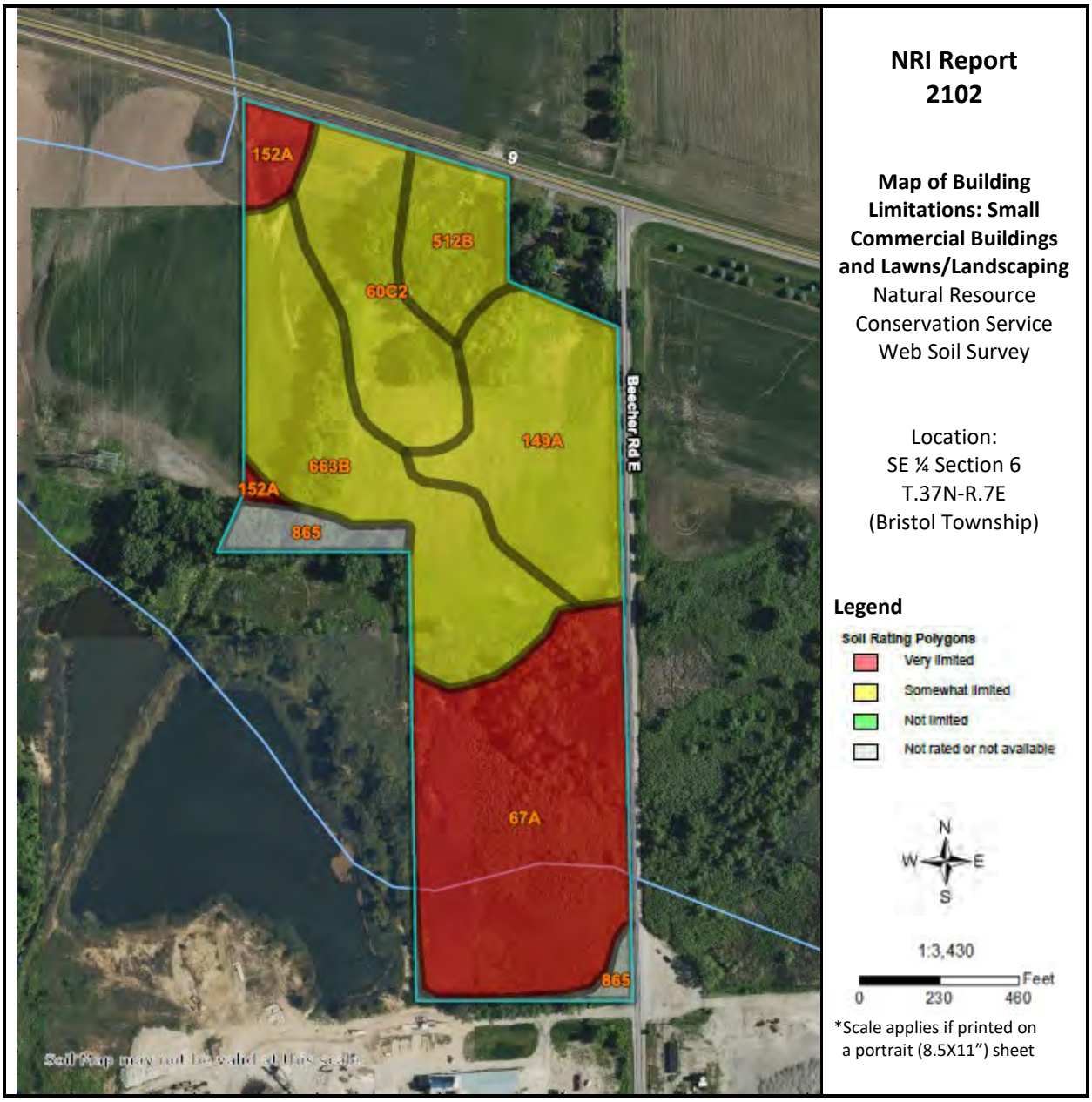


Figure 6A: Map of Building Limitations – Small Commercial Buildings and Lawns & Landscaping

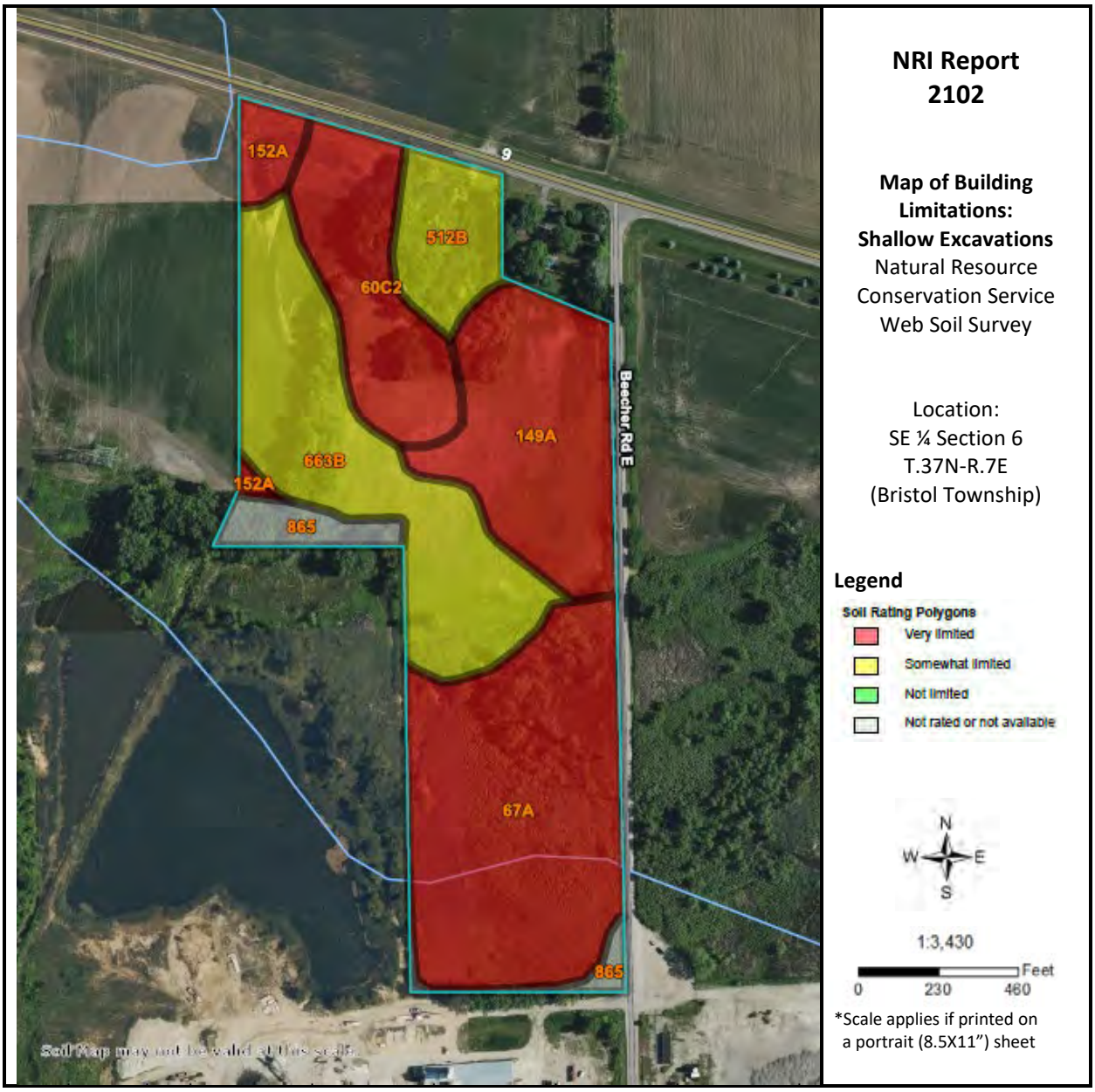


Figure 6B: Map of Building Limitations – Shallow Excavations

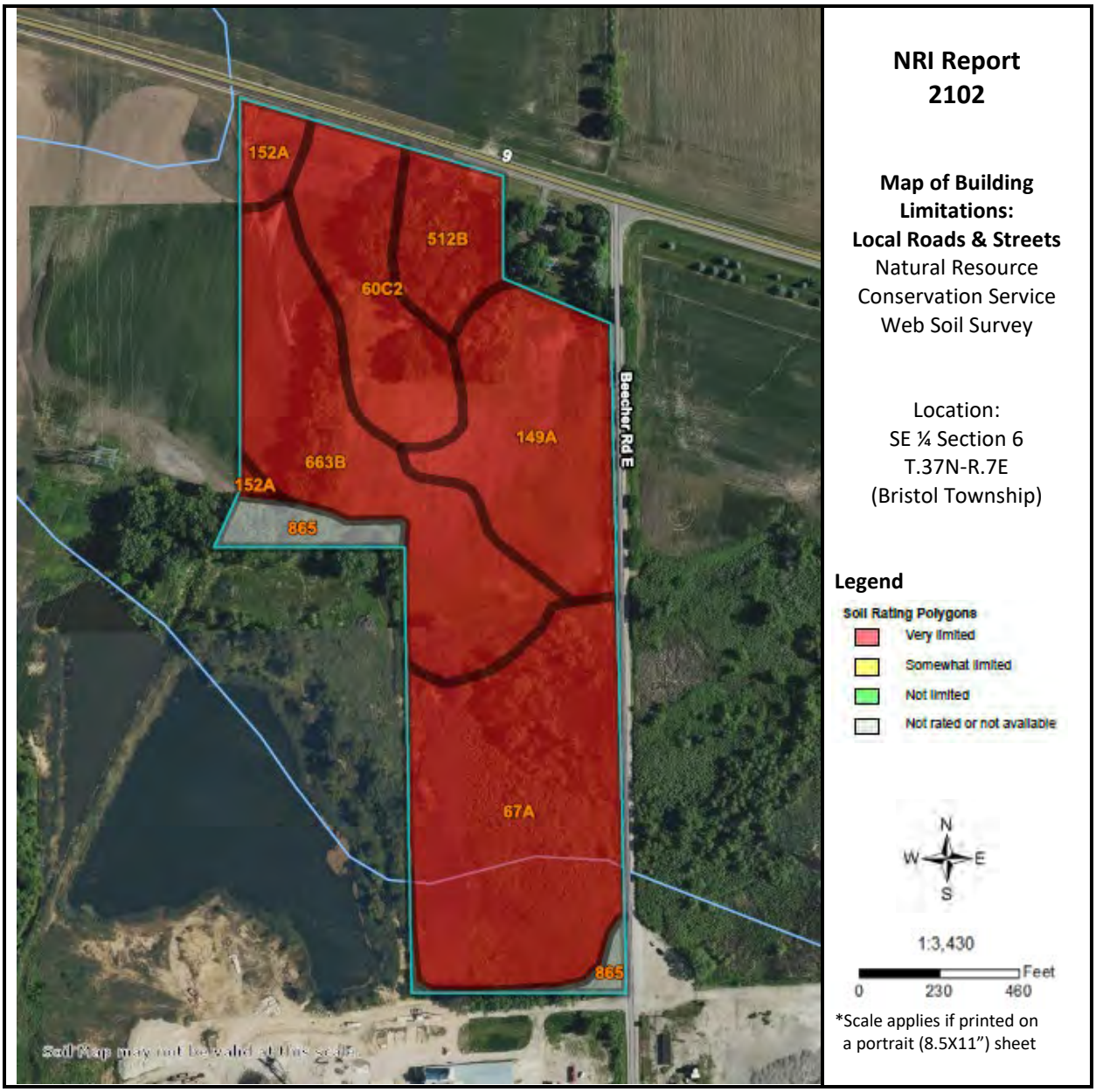


Figure 6C: Map of Building Limitations – Local Roads and Streets (Paved and Unpaved)

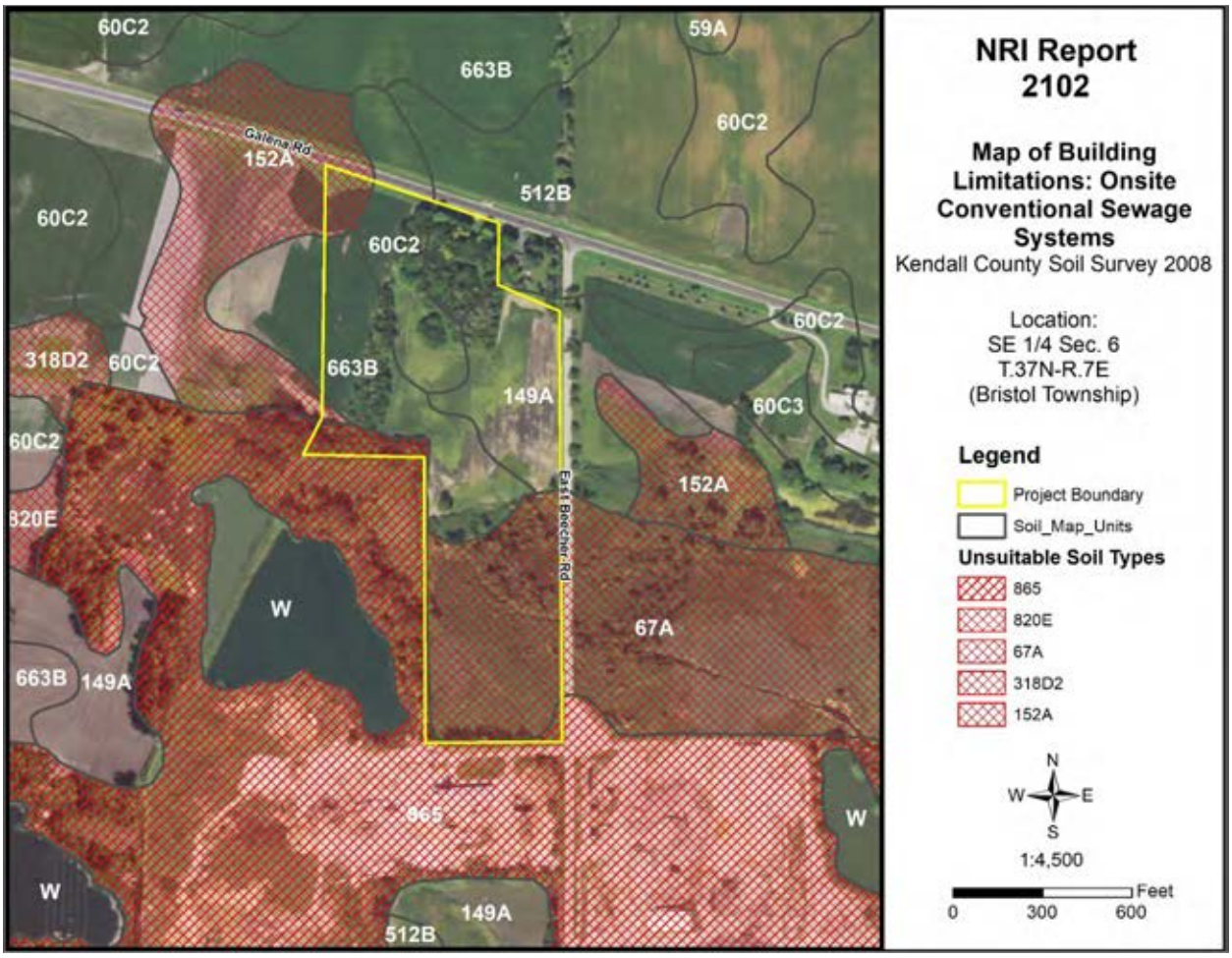


Figure 6D: Map of Building Limitations – Onsite Conventional Sewage System

SOIL WATER FEATURES

Table 5, below, gives estimates of various soil water features that should be taken into consideration when reviewing engineering for a land use project.

HYDROLOGIC SOIL GROUPS (HSGs) – The groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

- **Group A:** Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
- **Group B:** Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.
- **Group C:** Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.
- **Group D:** Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Note: If a soil is assigned to a dual hydrologic group (A/D, B/D or C/D) the first letter is for drained areas and the second is for undrained areas.

SURFACE RUNOFF – Surface runoff refers to the loss of water from an area by flow over the land surface. Surface runoff classes are based upon slope, climate and vegetative cover and indicates relative runoff for very specific conditions (it is assumed that the surface of the soil is bare and that the retention of surface water resulting from irregularities in the ground surface is minimal). The classes are negligible, very low, low, medium, high, and very high.

MONTHS – The portion of the year in which a water table, ponding, and/or flooding is most likely to be a concern.

WATER TABLE – Water table refers to a saturated zone in the soil and the data indicates, by month, depth to the top (upper limit) and base (lower limit) of the saturated zone in most years. These estimates are based upon observations of the water table at selected sites and on evidence of a saturated zone (grayish colors or mottles (redoximorphic features)) in the soil. Note: A saturated zone that lasts for less than a month is not considered a water table.

PONDING – Ponding refers to standing water in a closed depression, and the data indicates surface water depth, duration and frequency of ponding.

- **Duration:** Expressed as *very brief* if less than 2 days, *brief* if 2 to 7 days, *long* if 7 to 30 days and *very long* if more than 30 days.
- **Frequency:** Expressed as: *none* meaning ponding is not possible; *rare* means unlikely but possible under unusual weather conditions (chance of ponding is 0-5% in any year); *occasional* means that it occurs, on the average, once or less in 2 years (chance of ponding is 5 to 50% in any year); and frequent means that it occurs, on the average, more than once in 2 years (chance of ponding is more than 50% in any year).

FLOODING – The temporary inundation of an area caused by overflowing streams, by runoff from adjacent slopes, or by tides. Water standing for short periods after rainfall or snowmelt is not considered flooding, and water standing in swamps and marshes is considered ponding rather than flooding.

- **Duration:** Expressed as: *extremely brief* if 0.1 hour to 4 hours; *very brief* if 4 hours to 2 days; *brief* if 2 to 7 days; *long* if 7 to 30 days; and *very long* if more than 30 days.
- **Frequency:** Expressed as: *none* means flooding is not probable; *very rare* means that it is very unlikely but possible under extremely unusual weather conditions (chance of flooding is less than 1% in any year); *rare* means that it is unlikely but possible under unusual weather conditions (chance of flooding is 1 to 5% in any year); *occasional* means that it occurs infrequently under normal weather conditions (chance of flooding is 5 to 50% in any year but is less than 50% in all months in any year); and *very frequent* means that it is likely to occur very often under normal weather conditions (chance of flooding is more than 50% in all months of any year).

Note: The information is based on evidence in the soil profile. In addition, consideration is also given to local information about the extent and levels of flooding and the relation of each soil on the landscape to historic floods. Information on the extent of flooding based on soil data is less specific than that provided by detailed engineering surveys that delineate flood-prone areas at specific flood frequency levels.

Table 5: Water Features

Map Unit	Hydrologic Group	Surface Runoff	Water Table	Ponding	Flooding
60C2	C	High	January **Upper/Lower Limit**: -- February – April **Upper Limit**: 2.0'-3.5' **Lower Limit**: 2.2'-4.0' May – December **Upper/Lower Limit**: --	January – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
67A	B/D	Negligible	January - May **Upper Limit**: 0.0'-1.0' **Lower Limit**: 6.0' June – December **Upper/Lower Limit**: --	January – May **Surface Water Depth:** 0.0'-0.5 **Duration:** Brief (2-7 days) **Frequency:** Frequent June – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
149A	B/D	Low	January - May **Upper Limit**: 1.0'-2.0' **Lower Limit**: 6.0' June – December **Upper/Lower Limit**: --	January – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
152A	B/D	Negligible	January - May **Upper Limit**: 0.0'-1.0' **Lower Limit**: 6.0' June – December **Upper/Lower Limit**: --	January – May **Surface Water Depth:** 0.0'-0.5 **Duration:** Brief (2-7 days) **Frequency:** Frequent June – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
512B	C	Low	January **Upper/Lower Limit**: -- February – April **Upper Limit**: 2.0'-3.5' **Lower Limit**: 3.0'-5.0' May – December **Upper/Lower Limit**: --	January – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
663B	C	Low	January **Upper/Lower Limit**: -- February – April **Upper Limit**: 2.0'-3.5' **Lower Limit**: 6.0' May – December **Upper/Lower Limit**: --	January – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None
865	N/A	N/A	January – December **Upper Limit**: -- **Lower Limit**: --	January – December **Surface Water Depth**: -- **Duration**: -- **Frequency**: None	January – December **Duration**: -- **Frequency**: None

SOIL EROSION AND SEDIMENT CONTROL

Erosion is the wearing away of the soil by water, wind, and other forces. Soil erosion threatens the Nation's soil productivity and contributes the most pollutants in our waterways. Water causes about two thirds of erosion on agricultural land. Four properties, mainly, determine a soil's erodibility: texture, slope, structure, and organic matter content.

Slope has the most influence on soil erosion potential when the site is under construction. Erosivity and runoff increase as slope grade increases. The runoff then exerts more force on the particles, breaking their bonds more readily and carrying them farther before deposition. The longer water flows along a slope before reaching a major waterway, the greater the potential for erosion.

Soil erosion during and after this proposed construction can be a primary non-point source of water pollution. Eroded soil during the construction phase can create unsafe conditions on roadways, decrease the storage capacity of lakes, clog streams and drainage channels, cause deterioration of aquatic habitats, and increase water treatment costs. Soil erosion also increases the risk of flooding by choking culverts, ditches, and storm sewers and by reducing the capacity of natural and man-made detention facilities.

The general principles of erosion and sedimentation control measures include:

- Reducing or diverting flow from exposed areas, storing flows or limiting runoff from exposed areas
- Staging construction in order to keep disturbed areas to a minimum
- Establishing or maintaining temporary or permanent groundcover
- Retaining sediment on site
- Properly installing, inspecting and maintaining control measures

Erosion control practices are useful controls only if they are properly located, installed, inspected, and maintained.

The SWCD recommends an erosion and sediment control plan for all building sites, especially if there is a wetland or stream nearby.

Table 6: Soil Erosion Potential

Soil Type	Slope	Rating	Acreage	Percent of Parcel
60C2	5-10%	Moderate	3.2	13.1%
67A	0-2%	Slight	7.7	31.1%
149A	0-2%	Slight	4.5	18.4%
152A	0-2%	Slight	0.7	2.9%
512B	2-5%	Slight	1.7	6.9%
663B	2-5%	Slight	5.8	23.4%
865	N/A	N/A	1.0	4.2%

PRIME FARMLAND SOILS

Prime farmland soils are an important resource to Kendall County. Some of the most productive soils in the United States occur locally. Each soil map unit in the United States is assigned a prime or non-prime rating. Prime agricultural land does not need to be in the production of food & fiber.

Section 310 of the NRCS general manual states that urban or built-up land on prime farmland soils is not prime farmland. The percentages of soils map units on the parcel reflect the determination that urban or built up land on prime farmland soils is not prime farmland.

Table 7: Prime Farmland Soils

Soil Types	Prime Designation	Acreage	Percent
60C2	Farmland of Statewide Importance	3.2	13.1%
67A	Prime Farmland (if drained)	7.7	31.1%
149A	Prime Farmland	4.5	18.4%
152A	Prime Farmland (if drained)	0.7	2.9%
512B	Prime Farmland	1.7	6.9%
663B	Prime Farmland	5.8	23.4%
865	Not Prime Farmland	1.0	4.2%
% Prime Farmland	**95.8%**		

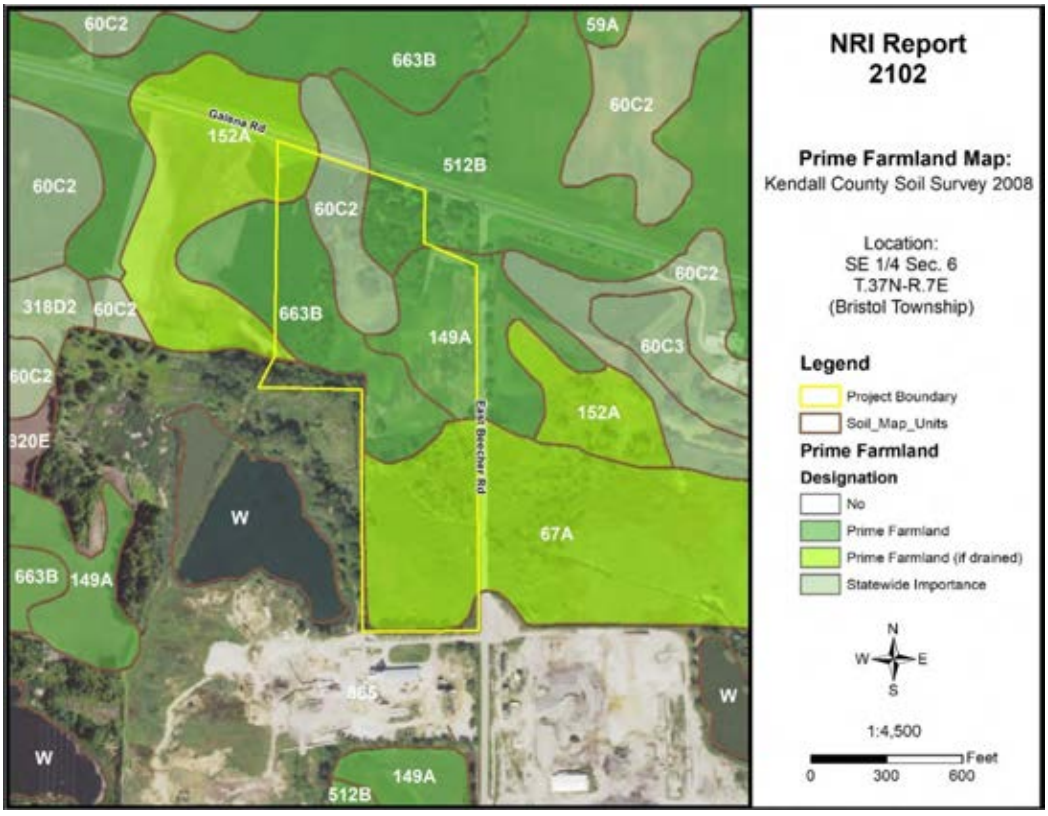


Figure 7: Map of Prime Farmland Soils

LAND EVALUATION AND SITE ASSESSMENT (LESA)

Decision-makers in Kendall County use the Land Evaluation and Site Assessment (LESA) system to determine the suitability of a land use change and/or a zoning request as it relates to agricultural land. The LESA system was developed by the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS) and takes into consideration local conditions such as physical characteristics of the land, compatibility of surrounding land-uses, and urban growth factors. The LESA system is a two-step procedure that includes:

LAND EVALUATION (LE)

The soils of a given area are rated and placed in groups ranging from the best to worst suited for a stated agriculture use, cropland, or forestland. The best group is assigned a value of 100, and all other groups are assigned lower values. The Land Evaluation is based on data from the Kendall County Soil Survey. The LE score is calculated by multiplying the relative value of each soil type by the number of acres of that soil. The sum of the products is then divided by the total number of acres; the answer is the Land Evaluation score on this site. The Kendall County Soil and Water Conservation District is responsible for this portion of the LESA system.

SITE ASSESSMENT (SA)

The site is numerically evaluated according to important factors that contribute to the quality of the site. Each factor selected is assigned values in accordance with the local needs and objectives. The value group is a predetermined value based upon prime farmland designation. The Kendall County LESA Committee is responsible for this portion of the LESA system.

Please Note: A land evaluation (LE) score will be compiled for every project parcel. However, when a parcel is located within municipal planning boundaries, a site assessment (SA) score is not compiled as the scoring factors are not applicable. As a result, only the LE score is available, and a full LESA score is unavailable for the parcel.

Table 8A: Land Evaluation Computation

Soil Type	Value Group	Relative Value	Acres	Product (Relative Value x Acres)
60C2	5	82	3.2	262.4
67A	2	94	7.7	723.8
149A	1	100	4.5	450
152A	1	100	0.7	70
512B	2	94	1.7	159.8
663B	2	94	5.8	545.2
865	8	0	1.0	0
Totals			**24.7**	**2,211.2**
LE Calculation			(Product of relative value / Total Acres) 2,211.2 / 24.7 = 89.5	
LE Score			**LE = 90**	

The Land Evaluation score for this site is 90, indicating that this site is designated as prime farmland that is well suited for agricultural uses considering the Land Evaluation score is above 80.

Table 8B: Site Assessment Computation

A.	**Agricultural Land Uses**	**Points**
	1. Percentage of area in agricultural uses within 1.5 miles of site. (20-10-5-0)	10
	2. Current land use adjacent to site. (30-20-15-10-0)	20
	3. Percentage of site in agricultural production in any of the last 5 years. (20-15-10-5-0)	10
	4. Size of site. (30-15-10-0)	10
B.	**Compatibility / Impact on Uses**	
	1. Distance from city or village limits. (20-10-0)	0
	2. Consistency of proposed use with County Land Resource Management Concept Plan and/or municipal comprehensive land use plan. (20-10-0)	0
	3. Compatibility of agricultural and non-agricultural uses. (15-7-0)	7
C.	**Existence of Infrastructure**	
	1. Availability of public sewage system. (10-8-6-0)	8
	2. Availability of public water system. (10-8-6-0)	8
	3. Transportation systems. (15-7-0)	7
	4. Distance from fire protection service. (10-8-6-2-0)	6
	Site Assessment Score:	**86**

The Site Assessment score for this site is 86. The Land Evaluation value (90) is added to the Site Assessment value (86) to obtain a LESA Score of 176. The table below shows the level of protection for the proposed project site based on the LESA Score.

Table 9: LESA Score Summary

LESA SCORE	LEVEL OF PROTECTION
0-200	Low
201-225	Medium
226-250	High
251-300	Very High

Land Evaluation Value: 90 + **Site Assessment Value:** 86 = **LESA Score: 176**

The LESA Score for this site is 176 which indicates a low level of protection for the proposed project site. Note: Selecting the project site with the lowest total points will generally protect the best farmland located in the most viable areas and maintain and promote the agricultural industry in Kendall County. If the project is agricultural in nature, however, a higher score may provide an indication of the suitability of the project as it relates to the compatibility with existing agricultural land use.

LAND USE PLANS

Many counties, municipalities, villages, and townships have developed land-use plans. These plans are intended to reflect the existing and future land-use needs of a given community. Please contact the Kendall County Planning, Building & Zoning for information regarding the County's comprehensive land use plan and map.

DRAINAGE, RUNOFF, AND FLOOD INFORMATION

U.S.G.S Topographic maps give information on elevations, which are important mostly to determine slopes, drainage directions, and watershed information.

Elevations determine the area of impact of floods of record. Slope information determines steepness and erosion potential. Drainage directions determine where water leaves the PIQ, possibly impacting surrounding natural resources.

Watershed information is given for changing land use to a subdivision type of development on parcels greater than 10 acres.

WHAT IS A WATERSHED?
Simply stated, a watershed is the area of land that contributes water to a certain point. The watershed boundary is important because the area of land in the watershed can now be calculated using an irregular shape area calculator such as a dot counter or planimeter.

Using regional storm event information, and site-specific soils and land use information, the peak stormwater flow through the point marked "○" for a specified storm event can be calculated. This value is called a "Q" value (for the given storm event) and is measured in cubic feet per second (CFS).

When construction occurs, the Q value naturally increases because of the increase in impermeable surfaces. This process decreases the ability of soils to accept and temporarily hold water. Therefore, more water runs off and increases the Q value.

Theoretically, if each development, no matter how large or small, maintains their preconstruction Q value after construction by the installation of stormwater management systems, the streams and wetlands and lakes will not suffer damage from excessive urban stormwater.

For this reason, the Kendall County SWCD recommends that the developer for intense uses such as a subdivision calculate the preconstruction Q value for the exit point(s). A stormwater management system

should be designed, installed, and maintained to limit the postconstruction Q value to be at or below the preconstruction value.

IMPORTANCE OF FLOOD INFORMATION

A floodplain is defined as land adjoining a watercourse (riverine) or an inland depression (non-riverine) that is subject to periodic inundation by high water. Floodplains are important areas demanding protection since they have water storage and conveyance functions which affect upstream and downstream flows, water quality and quantity, and suitability of the land for human activity. Since floodplains play distinct and vital roles in the hydrologic cycle, development that interferes with their hydrologic and biologic functions should be carefully considered.

Flooding is both dangerous to people and destructive to their properties. The following maps, when combined with wetland and topographic information, can help developers and future homeowners to "sidestep" potential flooding or ponding problems.

FIRM is the acronym for the Flood Insurance Rate Map, produced by the Federal Emergency Management Agency (FEMA). These maps define flood elevation adjacent to tributaries and major bodies of water and superimpose that onto a simplified USGS topographic map. The scale of the FIRM maps is generally dependent on the size and density of parcels in that area. (This is to correctly determine the parcel location and floodplain location.) The FIRM map has three (3) zones. A is the zone of 100-year flood, Zone B is the 100 to 500-year flood, and Zone C is outside the floodplain.

The Hydrologic Atlas (H.A.) Series of the Flood of Record Map is also used for the topographic information. This map is different from the FIRM map mainly because it will show isolated or pocketed flooded areas. Kendall County uses both these maps in conjunction with each other for flooded area determinations. The Flood of Record maps show the areas of flood for various years. Both maps stress that the recurrence of flooding is merely statistical. A 100-year flood may occur twice in one year, or twice in one week, for that matter.

It should be noted that greater floods than those shown on the two maps are possible. The flood boundaries indicated provide a historic record only until the map publication date. Additionally, these flood boundaries are a function of the watershed conditions existing when the maps were produced. Cumulative changes in runoff characteristics caused by urbanization can result in an increase in flood height of future flood episodes.

Floodplains play a vital role in reducing the flood damage potential associated with an urbanizing area and, when left in an undisturbed state, also provide valuable wildlife habitat benefits. If it is the petitioner's intent to conduct floodplain filling or modification activities, the petitioner and the Unit of Government responsible need to consider the potentially adverse effects this type of action could have on adjacent properties. The change or loss of natural floodplain storage often increases the frequency and severity of flooding on adjacent property.

If the available maps indicate the presence of a floodplain on the PIQ, the petitioner should contact the IDOT-DWR and FEMA to delineate a floodplain elevation for the parcel. If a portion of the property is indeed floodplain, applicable state, county, and local regulations will need to be reflected in the site plans.

Another indication of flooding potential can be found in the soils information. Hydric soils indicate the presence of drainageways, areas subject to ponding, or a naturally occurring high water table. These need to be considered along with the floodplain information when developing the site plan and the stormwater management plan. Development on hydric soils can contribute to the loss of water storage within the soil and the potential for increased flooding in the area.

This parcel is located on gradual topography (slopes 0 to 10%) with an elevation of approximately 650-660' above sea level. According to the FIRM map, the parcel in question does not contain floodway or floodplain zones. The topographic map indicates that the parcel drains west and south towards on-site and off-site wetlands.

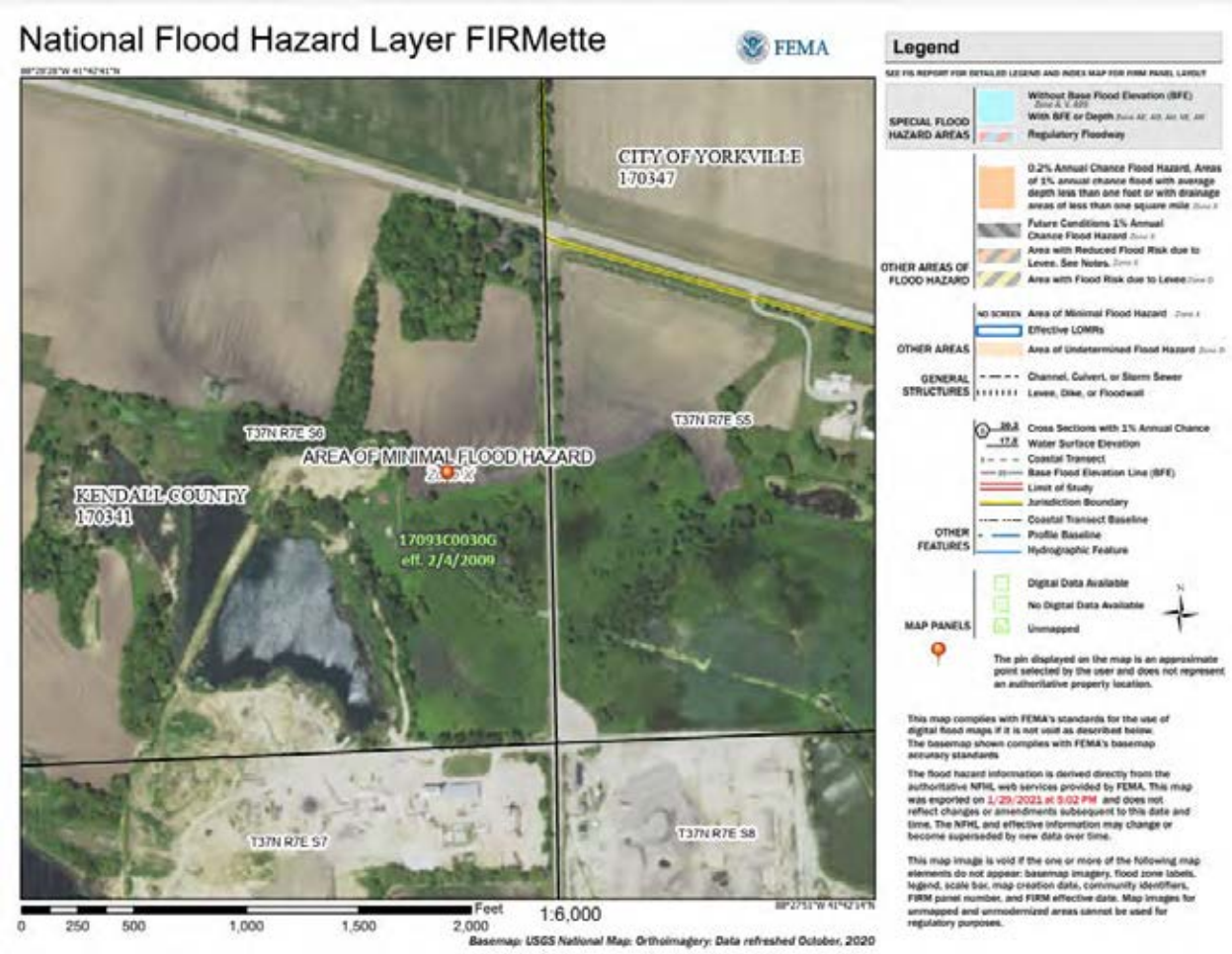


Figure 8: FEMA Floodplain Map

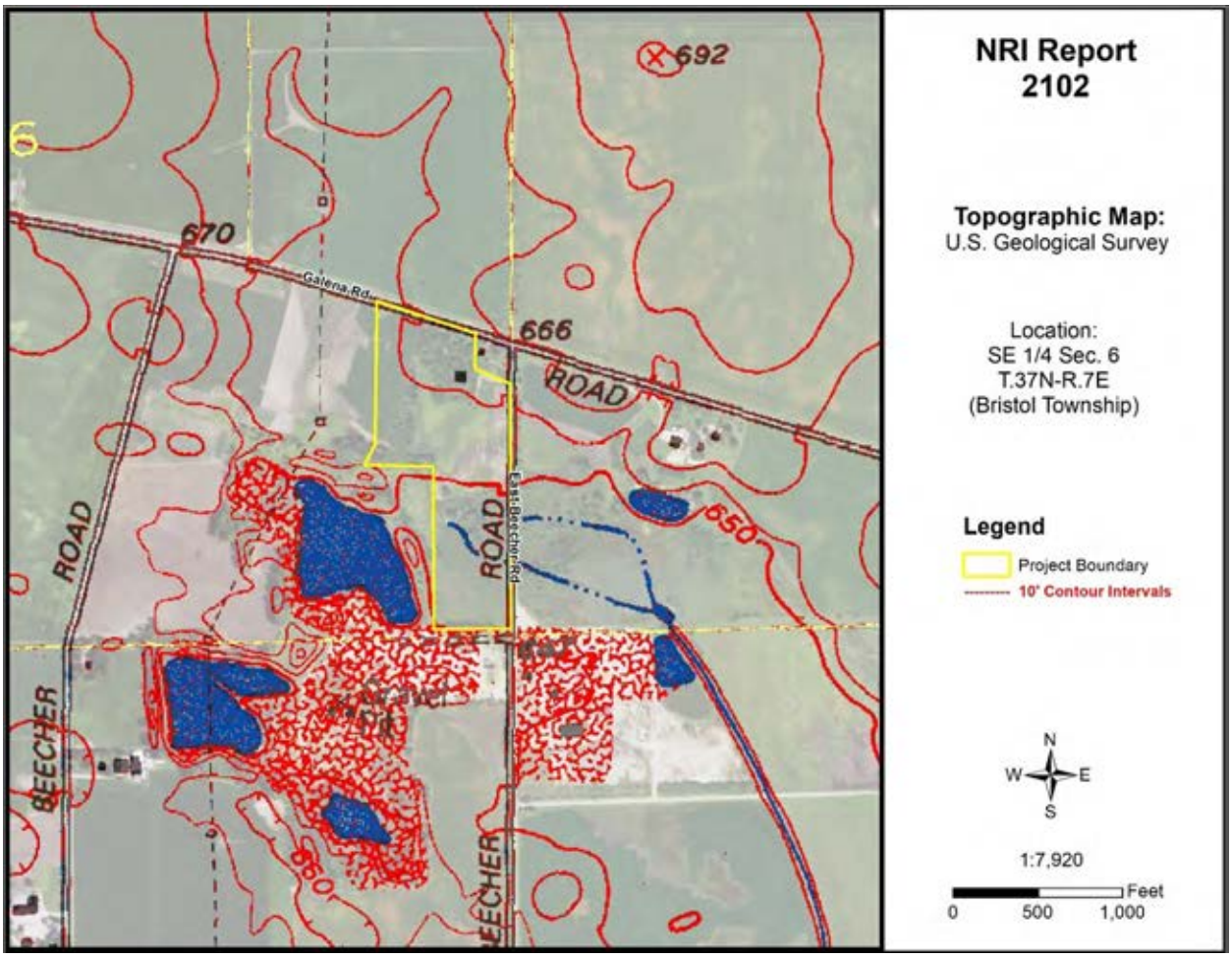


Figure 9: USGS Topographic Map

WATERSHED PLANS

WATERSHED AND SUB WATERSHED INFORMATION

A watershed is the area of land that drains into a specific point including a stream, lake, or other body of water. High points on the Earth's surface, such as hills and ridges define watersheds. When rain falls in the watershed, it flows across the ground towards a stream or lake. Rainwater carries pollutants such as oils, pesticides, and soil.

Everyone lives in a watershed. Their actions can impact natural resources and people living downstream. Residents can minimize this impact by being aware of their environment and the implications of their activities, implementing practices recommended in watershed plans, and educating others about their watershed.

The following are recommendations to developers for protection of this watershed:

- Preserve open space
- Maintain wetlands as part of development
- Use natural water management
- Prevent soil from leaving a construction site
- Protect subsurface drainage
- Use native vegetation
- Retain natural features
- Mix housing styles and types
- Decrease impervious surfaces
- Reduce area disturbed by mass grading
- Shrink lot size and create more open space
- Maintain historical and cultural resources
- Treat water where it falls
- Preserve views
- Establish and link trails

This parcel is located within the Lower Fox River Watershed and the Rob Roy Creek Sub Watershed.

WETLAND INFORMATION

IMPORTANCE OF WETLAND INFORMATION

Wetlands function in many ways to provide numerous benefits to society. They control flooding by offering a slow release of excess water downstream or through the soil. They cleanse water by filtering out sediment and some pollutants and can function as rechargers of our valuable groundwater. They also are essential breeding, rearing, and feeding grounds for many species of wildlife.

These benefits are particularly valuable in urbanizing areas as development activity typically adversely affects water quality, increases the volume of stormwater runoff, and increases the demand for groundwater. In an area where many individual homes rely on shallow groundwater wells for domestic water supplies, activities that threaten potential groundwater recharge areas are contrary to the public good. The conversion of wetlands, with their sediment trapping and nutrient absorbing vegetation, to biologically barren stormwater detention ponds can cause additional degradation of water quality in downstream or adjacent areas.

It has been estimated that over 95% of the wetlands that were historically present in Illinois have been destroyed while only recently has the true environmental significance of wetlands been fully recognized. America is losing 100,000 acres of wetland a year and has saved 5 million acres total (since 1934). One acre of wetland can filter 7.3 million gallons of water a year. These are reasons why our wetlands are high quality and important.

This section contains the NRCS (Natural Resources Conservation Service) Wetlands Inventory, which is the most comprehensive inventory to date. The NRCS Wetlands Inventory is reproduced from an aerial photo at a scale of 1" equals 660 feet. The NRCS developed these maps in cooperation with U.S. EPA (Environmental Protection Agency,) and the U.S. Fish and Wildlife Service, using the National Food Security Act Manual, 3rd Edition. The main purpose of these maps is to determine wetland areas on agricultural fields and areas that may be wetlands but are in a non-agriculture setting.

The NRCS Wetlands Inventory in no way gives an exact delineation of the wetlands, but merely an outline, or the determination that there is a wetland within the outline. For the final, most accurate wetland **determination** of a specific wetland, a wetland ***delineation*** must be certified by NRCS staff using the National Food Security Act Manual (on agricultural land.) On urban land, a certified wetland delineator must perform the delineation using the ACOE 1987 Manual. *See the glossary section for the definitions of "delineation" and "determination.*

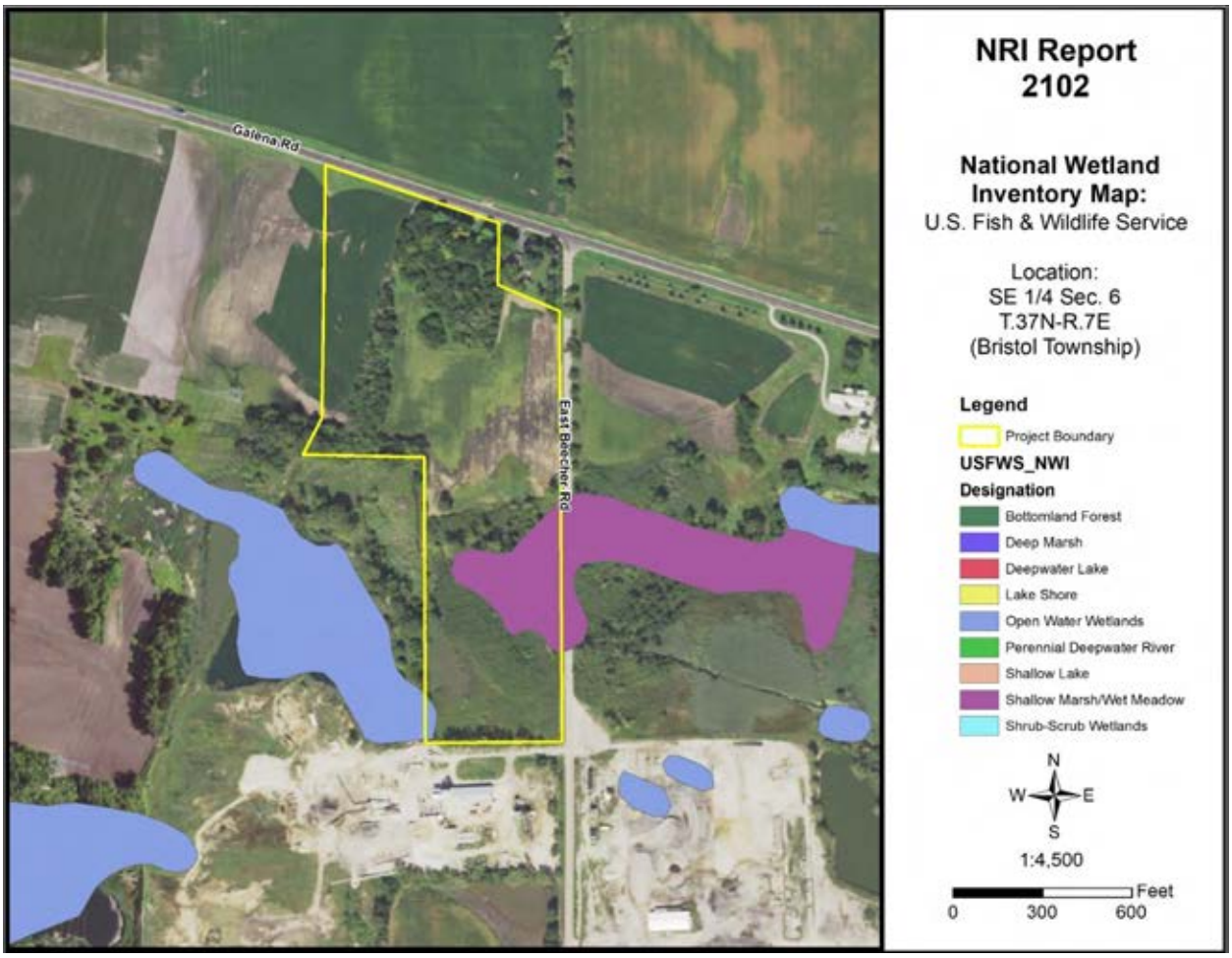


Figure 10: Wetland Map – USFWS National Wetland Inventory

Office maps indicate that mapped wetlands <u>are</u> present on the parcel in question (PIQ). A wetland delineation was completed on July 2, 2020 by ENCAP, Inc. According to the Wetland Delineation Report, "Three wetlands totaling approximately 10.04 acres were identified on the project area" (ENCAP, Inc., 2020). These findings should be taken into consideration during the land use planning process.

HYDRIC SOILS

Soils information gives another indication of flooding potential. The soils map on the following page indicates the soil(s) on the parcel that the Natural Resources Conservation Service indicates as hydric. Hydric soils, by definition, have seasonal high water at or near the soil surface and/or have potential flooding or ponding problems. All hydric soils range from poorly suited to unsuitable for building. One group of the hydric soils are the organic soils, which formed from dead organic material. Organic soils are unsuitable for building because of not only the high water table but also their subsidence problems.

It is important to add the possibility of hydric inclusions in a soil type. An inclusion is a soil polygon that is too small to appear on these maps. While relatively insignificant for agricultural use, hydric soil inclusions become more important to more intense uses such as a residential subdivision.

While considering hydric soils and hydric inclusions, it is noteworthy to mention that subsurface agriculture drainage tile occurs in almost all poorly drained and somewhat poorly drained soils. Drainage tile expedites drainage and facilitates farming. It is imperative that these drainage tiles remain undisturbed. A damaged subsurface drainage tile may return original hydrologic conditions to all the areas that drained through the tile (ranging from less than one acre to many square miles.)

For an intense land use, such as a subdivision, the Kendall County SWCD recommends the following: a topographical survey with 1 foot contour intervals to accurately define the flood area on the parcel, an intensive soil survey to define most accurately the locations of the hydric soils and inclusions, and a drainage tile survey on the area to locate the tiles that must be preserved to maintain subsurface drainage.

Table 10: Hydric Soils

Soil Types	Drainage Class	Hydric Designation	Hydric Inclusions Likely	Acreage	Percent
60C2	Moderately Well Drained	Non-hydric	No	3.2	13.1%
67A	Poorly Drained	Hydric	No	7.7	31.1%
149A	Somewhat Poorly Drained	Non-hydric	Yes	4.5	18.4%
152A	Poorly Drained	Hydric	No	0.7	2.9%
512B	Moderately Well Drained	Non-hydric	No	1.7	6.9%
663B	Moderately Well Drained	Non-hydric	No	5.8	23.4%
865	N/A	Non-hydric	Yes	1.0	4.2%

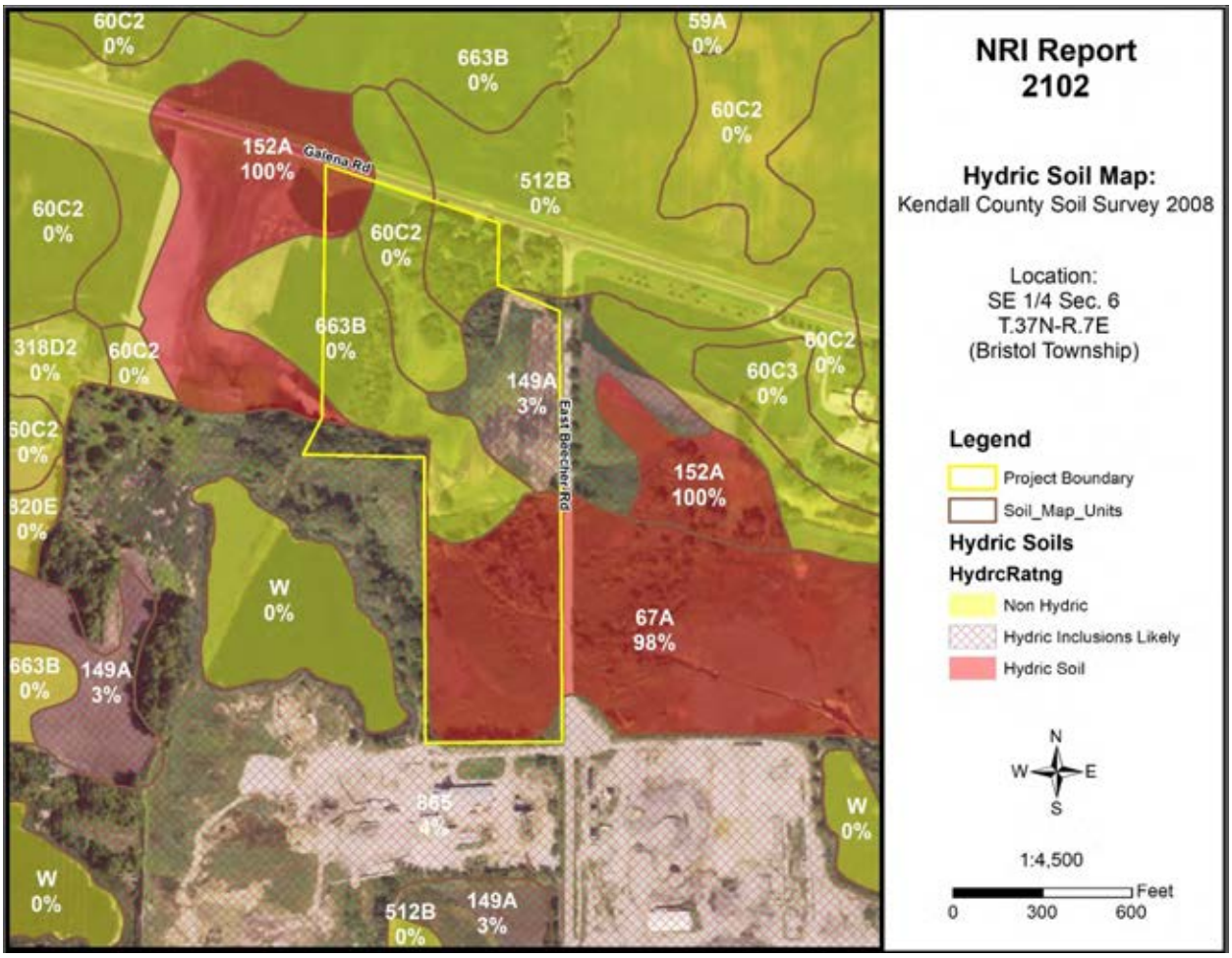


Figure 11: Hydric Soil Map

WETLAND AND FLOODPLAIN REGULATIONS

PLEASE READ THE FOLLOWING IF YOU ARE PLANNING TO DO ANY WORK NEAR A STREAM (THIS INCLUDES SMALL UNNAMED STREAMS), LAKE, WETLAND OR FLOODWAY.

The laws of the United States and the State of Illinois assign certain agencies specific and different regulatory roles to protect the waters within the State's boundaries. These roles, when considered together, include protection of navigation channels and harbors, protection against floodway encroachments, maintenance and enhancement of water quality, protection of fish and wildlife habitat and recreational resources, and, in general, the protection of total public interest. Unregulated use of the waters within the State of Illinois could permanently destroy or alter the character of these valuable resources and adversely impact the public. Therefore, please contact the proper regulatory authorities when planning any work associated with Illinois waters so that proper consideration and approval can be obtained.

WHO MUST APPLY?

Anyone proposing to dredge, fill, rip rap, or otherwise alter the banks or beds of, or construct, operate, or maintain any dock, pier, wharf, sluice, dam, piling, wall, fence, utility, floodplain or floodway subject to State or Federal regulatory jurisdiction should apply for agency approvals.

REGULATORY AGENCIES

- **Wetland or U.S. Waters**: U.S. Army Corps of Engineers, Rock Island District, Clock Tower Building, Rock Island, IL
- **Floodplains**: Illinois Department of Natural Resources/Office of Water Resources, Natural Resources Way, Springfield, IL 62702-1270.
- **Water Quality/Erosion Control**: Illinois Environmental Protection Agency, Springfield, IL

COORDINATION

We recommend early coordination with the regulatory agencies BEFORE finalizing work plans. This allows the agencies to recommend measures to mitigate or compensate for adverse impacts. Also, the agency can make possible environmental enhancement provisions early in the project planning stages. This could reduce time required to process necessary approvals.

CAUTION: Contact with the United States Army Corps of Engineers is strongly advised before commencement of any work in or near a Waters of the United States. This could save considerable time and expense. Persons responsible for willful and direct violation of Section 10 of the River and Harbor Act of 1899 or Section 404 of the Federal Water Pollution Control Act are subject to fines ranging up to $27,500 per day of violation and imprisonment for up to one year or both.

GLOSSARY

AGRICULTURAL PROTECTION AREAS (AG AREAS) - Allowed by P.A. 81-1173. An AG AREA consists of a minimum of 350 acres of farmland, as contiguous and compact as possible. Petitioned by landowners, AG AREAS protect for a period of ten years initially, then reviewed every eight years thereafter. AG AREA establishment exempts landowners from local nuisance ordinances directed at farming operations, and designated land cannot receive special tax assessments on public improvements that do not benefit the land, e.g. water and sewer lines.

AGRICULTURE - The growing, harvesting and storing of crops including legumes, hay, grain, fruit and truck or vegetable including dairying, poultry, swine, sheep, beef cattle, pony and horse production, fur farms, and fish and wildlife farms; farm buildings used for growing, harvesting and preparing crop products for market, or for use on the farm; roadside stands, farm buildings for storing and protecting farm machinery and equipment from the elements, for housing livestock or poultry and for preparing livestock or poultry products for market; farm dwellings occupied by farm owners, operators, tenants or seasonal or year around hired farm workers.

B.G. - Below Grade. Under the surface of the Earth.

BEDROCK - Indicates depth at which bedrock occurs. Also lists hardness as rippable or hard.

FLOODING - Indicates frequency, duration, and period during year when floods are likely to occur.

HIGH LEVEL MANAGEMENT - The application of effective practices adapted to different crops, soils, and climatic conditions. Such practices include providing for adequate soil drainage, protection from flooding, erosion and runoff control, near optimum tillage, and planting the correct kind and amount of high-quality seed. Weeds, diseases, and harmful insects are controlled. Favorable soil reaction and near optimum levels of available nitrogen, phosphorus, and potassium for individual crops are maintained. Efficient use is made of available crop residues, barnyard manure, and/or green manure crops. All operations, when combined efficiently and timely, can create favorable growing conditions and reduce harvesting losses -- within limits imposed by weather.

HIGH WATERTABLE - A seasonal high watertable is a zone of saturation at the highest average depth during the wettest part of the year. May be apparent, perched, or artesian kinds of water tables.

- **Watertable, Apparent**: A thick zone of free water in the soil. An apparent water table is indicated by the level at which water stands in an uncased borehole after adequate time is allowed for adjustment in the surrounding soil.
- **Watertable, Artesian**: A water table under hydrostatic head, generally beneath an impermeable layer. When this layer is penetrated, the water level rises in an uncased borehole.
- **Watertable, Perched**: A water table standing above an unsaturated zone. In places an upper, or perched, water table is separated from a lower one by a dry zone.

DELINEATION - For Wetlands: A series of orange flags placed on the ground by a certified professional that outlines the wetland boundary on a parcel.

DETERMINATION - A polygon drawn on a map using map information that gives an outline of a wetland.

HYDRIC SOIL - This type of soil is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part (USDA Natural Resources Conservation Service 1987).

INTENSIVE SOIL MAPPING - Mapping done on a smaller more intensive scale than a modern soil survey to determine soil properties of a specific site, e.g. mapping for septic suitability.

LAND EVALUATION AND SITE ASSESSMENT (L.E.S.A.) - LESA is a systematic approach for evaluating a parcel of land and to determine a numerical value for the parcel for farmland preservation purposes.

MODERN SOIL SURVEY - A soil survey is a field investigation of the soils of a specific area, supported by information from other sources. The kinds of soil in the survey area are identified and their extent shown on a map, and an accompanying report describes, defines, classifies, and interprets the soils. Interpretations predict the behavior of the soils under different used and the soils' response to management. Predictions are made for areas of soil at specific places. Soils information collected in a soil survey is useful in developing land-use plans and alternatives involving soil management systems and in evaluating and predicting the effects of land use.

PALUSTRINE - Name given to inland freshwater wetlands.

PERMEABILITY - Values listed estimate the range (in rate and time) it takes for downward movement of water in the major soil layers when saturated but allowed to drain freely. The estimates are based on soil texture, soil structure, available data on permeability and infiltration tests, and observation of water movement through soils or other geologic materials.

PIQ - Parcel in question

POTENTIAL FROST ACTION - Damage that may occur to structures and roads due to ice lens formation causing upward and lateral soil movement. Based primarily on soil texture and wetness.

PRIME FARMLAND - Prime farmland soils are lands that are best suited to food, feed, forage, fiber and oilseed crops. It may be cropland, pasture, woodland, or other land, but it is not urban and built up land or water areas. It either is used for food or fiber or is available for those uses. The soil qualities, growing season, and moisture supply are those needed for a well-managed soil economically to produce a sustained high yield of crops. Prime farmland produces in highest yields with minimum inputs of energy and economic resources and farming the land results in the least damage to the environment. Prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation. The temperature and growing season are favorable. The level of acidity or alkalinity is acceptable. Prime farmland has few or no rocks and is permeable to water and air. It is not excessively erodible or saturated

with water for long periods and is not frequently flooded during the growing season. The slope ranges mainly from 0 to 5 percent (USDA Natural Resources Conservation Service).

PRODUCTIVITY INDEXES - Productivity indexes for grain crops express the estimated yields of the major grain crops grown in Illinois as a single percentage of the average yields obtained under basic management from several of the more productive soils in the state. This group of soils is composed of the Muscatine, Ipava, Sable, Lisbon, Drummer, Flanagan, Littleton, Elburn and Joy soils. Each of the 425 soils found in Illinois are found in Circular 1156 from the Illinois Cooperative Extension Service.

SEASONAL - When used in reference to wetlands indicates that the area is flooded only during a portion of the year.

SHRINK-SWELL POTENTIAL - Indicates volume changes to be expected for the specific soil material with changes in moisture content.

SOIL MAPPING UNIT - A map unit is a collection of soil areas of miscellaneous areas delineated in mapping. A map unit is generally an aggregate of the delineations of many different bodies of a kind of soil or miscellaneous area but may consist of only one delineated body. Taxonomic class names and accompanying phase terms are used to name soil map units. They are described in terms of ranges of soil properties within the limits defined for taxa and in terms of ranges of taxadjuncts and inclusions.

SOIL SERIES - A group of soils, formed from a particular type of parent material, having horizons that, except for texture of the A or surface horizon, are similar in all profile characteristics and in arrangement in the soil profile. Among these characteristics are color, texture, structure, reaction, consistence, and mineralogical and chemical composition.

SUBSIDENCE - Applies mainly to organic soils after drainage. Soil material subsides due to shrinkage and oxidation.

TERRAIN - The area or surface over which a particular rock or group of rocks is prevalent.

TOPSOIL - That portion of the soil profile where higher concentrations of organic material, fertility, bacterial activity and plant growth take place. Depths of topsoil vary between soil types.

WATERSHED - An area of land that drains to an associated water resource such as a wetland, river or lake. Depending on the size and topography, watersheds can contain numerous tributaries, such as streams and ditches, and ponding areas such as detention structures, natural ponds and wetlands.

WETLAND - An area that has a predominance of hydric soils and that is inundated or saturated by surface or groundwater at a frequency and duration sufficient enough to support, and under normal circumstances does support, a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions.

REFERENCES

Hydric Soils of the United States. USDA Natural Resources Conservation Service, 2007.

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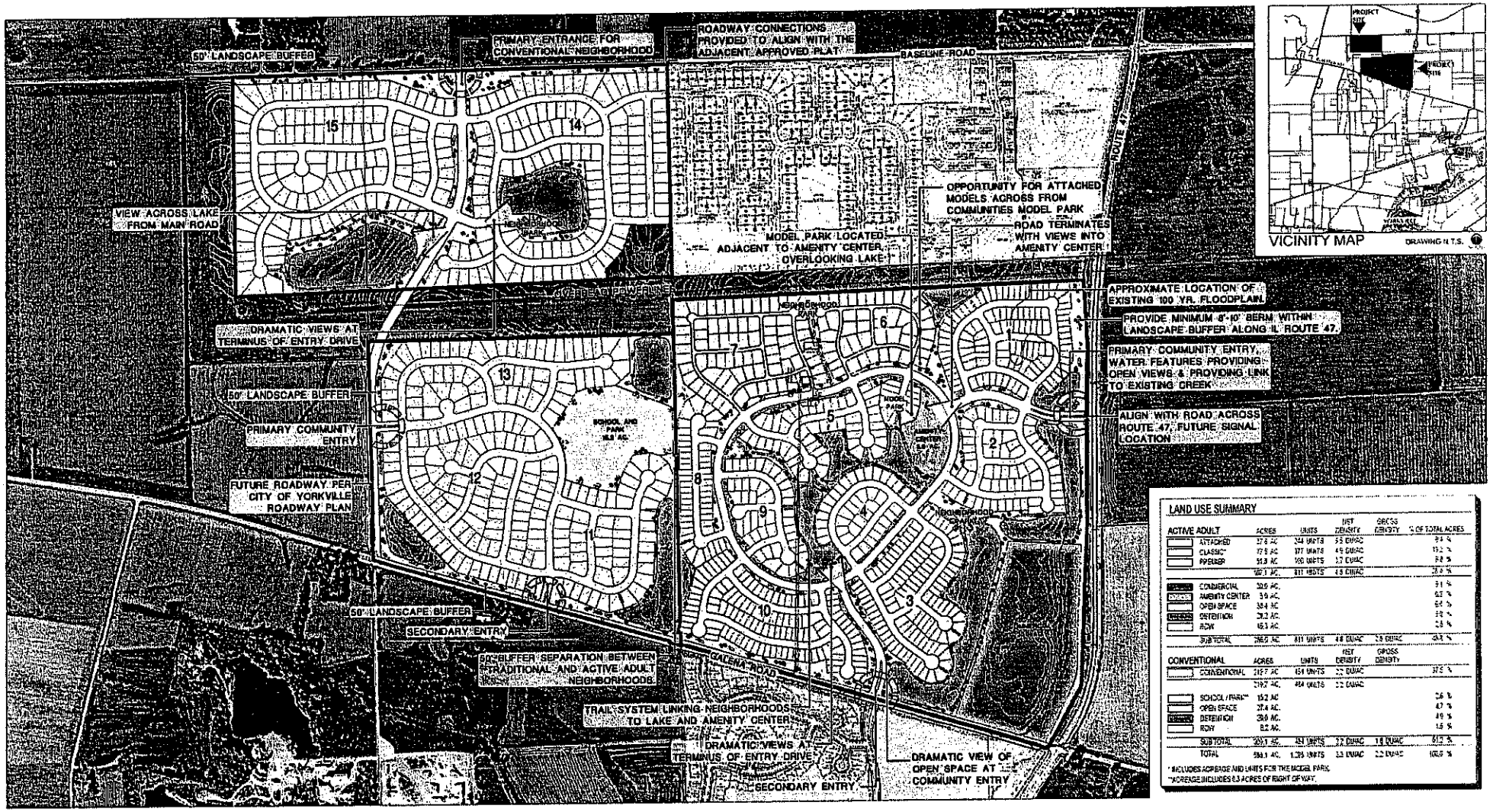
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Wetlands - The Corps of Engineers' Administration of the Section 404 Program (GAO/RCED-88-110).

Soil Erosion by Water - United States Department of Agriculture Natural Resources Conservation Service. Agriculture Information Bulletin 513.

The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities, prepared by the Nature Conservancy Great Lakes Program 79W. Monroe Street, Suite 1309, Chicago, IL 60603, January 1994.

Wetland Delineation Report Cordero Property – ENCAP, Inc. July 28, 2020.



LAND USE SUMMARY

ACTIVE ADULT	ACRES	UNITS	NET DENSITY	GROSS DENSITY	% OF TOTAL ACRES
ATTACHED	37.6 AC.	344 UNITS	9.5 DU/AC		6.4 %
CLASSIC*	77.5 AC.	377 UNITS	4.9 DU/AC		13.2 %
PREMIER	91.9 AC.	190 UNITS	2.2 DU/AC		5.9 %
	207.1 AC.	811 UNITS	4.6 DU/AC		35.9 %
COMMERCIAL	32.6 AC.				5.1 %
AMENITY CENTER	3.6 AC.				0.5 %
OPEN SPACE	38.4 AC.				6.6 %
DETENTION	28.2 AC.				4.8 %
ROW	46.3 AC.				7.8 %
SUBTOTAL	356.5 AC.	811 UNITS	4.6 DU/AC	2.3 DU/AC	60.8 %

CONVENTIONAL	ACRES	UNITS	NET DENSITY	GROSS DENSITY	% OF TOTAL ACRES
CONVENTIONAL	219.7 AC.	454 UNITS	2.2 DU/AC		37.5 %
	219.7 AC.	454 UNITS	2.2 DU/AC		
SCHOOL / PARK**	15.2 AC.				2.6 %
OPEN SPACE	27.4 AC.				4.7 %
DETENTION	29.0 AC.				4.9 %
ROW	8.2 AC.				1.5 %
SUB TOTAL	229.1 AC.	454 UNITS	2.2 DU/AC	1.6 DU/AC	39.2 %
TOTAL	585.6 AC.	1,265 UNITS	3.3 DU/AC	2.2 DU/AC	100.0 %

* INCLUDES ACREAGE AND UNITS FOR THE MODEL PARK.
** ACREAGE INCLUDES 6.3 ACRES OF RIGHT OF WAY.

Pulte Homes / Del Webb

SEC Planning Consultants
Planning • Landscape Architecture • Community Branding

CONCEPT PLAN

YORKVILLE PROJECT

PULTE HOMES

YORKVILLE, ILLINOIS

NORTH

0 400 800 1000

Scale: 1" = 800'

Date: August 19, 2006

Base mapping compiled from best available information. All map data should be considered as preliminary, in need of verification, and subject to change. This land plan is conceptual in nature and does not represent any regulatory approval. Plan is subject to change.

Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Mayor's Report #3

Tracking Number

CC 2021-04

Agenda Item Summary Memo

Title: Prairie Pointe Building Update

Meeting and Date: City Council – March 23, 2021

Synopsis: A verbal update will be given at the meeting.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

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Reviewed By:	
Legal	☐
Finance	☐
Engineer	☐
City Administrator	■
Community Development	☐
Purchasing	☐
Police	☐
Public Works	☐
Parks and Recreation	☐

Agenda Item Number

Mayor's Report #4

Tracking Number

CC 2021-14

Agenda Item Summary Memo

Title: Proposed Fiscal Year 2021-2022 Budget

Meeting and Date: City Council – March 23, 2021

Synopsis: A discussion will take place at the meeting.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson (Name) Administration (Department)

Agenda Item Notes:

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