



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

AGENDA
PUBLIC WORKS COMMITTEE MEETING
Tuesday, October 20, 2020
6:00 p.m.
City Hall Conference Room
800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval: September 15, 2020

New Business:

1. PW 2020-55 Capital Improvement Summary
2. PW 2020-56 Quarterly Bond and Letter of Credit Reduction Summary
3. PW 2020-57 Meeting Schedule for 2021
4. PW 2020-58 Purchase of Two Vehicles
5. PW 2020-59 Gas-N-Wash Public Improvement Acceptance
6. PW 2020-60 Kendall Marketplace Single Family Residential Improvement Acceptance
7. PW 2020-61 2021 Road to Better Roads Engineering Agreement
8. PW 2020-62 Fox Hill Roadway Improvements (Rebuild Illinois) Engineering Agreement
9. PW 2020-63 ITEP Applications

Old Business:

1. PW 2020-54 Cannonball Trail Curve Speed Limit

Additional Business:

2019/2020 City Council Goals – Public Works Committee		
Goal	Priority	Staff
“Municipal Building Needs & Planning”	2	Bart Olson, Rob Fredrickson, Eric Dhuse, James Jensen, Tim Evans & Erin Willrett
“Road to Better Roads Funding”	3	Bart Olson, Rob Fredrickson & Eric Dhuse
“Water Planning”	6	Eric Dhuse & Brad Sanderson
“School Safety (Exterior & Traffic)”	8 (tie)	Eric Dhuse & James Jensen
“Quiet Zones”	14 (tie)	Eric Dhuse, Erin Willrett & Brad Sanderson
“Route 47 Crossings”	19	Eric Dhuse & Brad Sanderson

UNITED CITY OF YORKVILLE
WORKSHEET
PUBLIC WORKS COMMITTEE
Tuesday, October 20, 2020
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. September 15, 2020

- ☐ Approved _____
- ☐ As presented
- ☐ With corrections

NEW BUSINESS:

1. PW 2020-55 Capital Improvement Summary

- ☐ Moved forward to CC _____
- ☐ Approved by Committee _____
- ☐ Bring back to Committee _____
- ☐ Informational Item
- ☐ Notes _____

2. PW 2020-56 Quarterly Bond and Letter of Credit Reduction Summary

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

3. PW 2020-57 Meeting Schedule for 2021

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

4. PW 2020-58 Purchase of Two Vehicles

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

5. PW 2020-59 Gas-N-Wash Public Improvement Acceptance

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

6. PW 2020-60 Kendall Marketplace Single Family Residential Improvement Acceptance

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

7. PW 2020-61 2021 Road to Better Roads Engineering Agreement

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

8. PW 2020-62 Fox Hill Roadway Improvements (Rebuild Illinois) Engineering Agreement

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

9. PW 2020-63 ITEP Applications

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

OLD BUSINESS:

1. PW 2020-54 Cannonball Trail Curve Speed Limit

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

ADDITIONAL BUSINESS:



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

Minutes

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – September 15, 2020

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee Approval

Submitted by: Minute Taker

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>

DRAFT

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, September 15, 2020, 6:00pm
Yorkville City Hall, Conference Room
800 Game Farm Road**

This meeting was held 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 Agency Act. Due to the current Covid-19 pandemic, the Orders encourage social distancing by allowing remote attendance at this meeting.

IN ATTENDANCE:

Committee Members

Chairman Joe Plocher, in-person
Alderman Ken Koch, in-person

Alderman Chris Funkhouser, in-person
Alderman Seaver Tarulis, remote

Other City Officials

City Administrator Bart Olson, in-person
Director Public Works Eric Dhuse, in-person
Alderman Joel Frieders, remote (left 6:28pm)

Assistant City Administrator Erin Willrett-remote
Engineer Brad Sanderson, EEI, in-person

Other Guests: (all present regarding Cannonball Trail speed)

Patricia Marsh, remote
Sarah Nydegger, remote
Max (no last name shown), remote

Clay Hamm, remote
Joe Stenger, remote

The meeting was called to order at 6:00pm by Chairman Joe Plocher.

Citizen Comments:

Alderman Frieders noted that resident Clay Hamm had sent a list of questions regarding the speed on Cannonball Trail. Chairman Plocher asked to move item #7 to the top of the agenda after the minutes and all agreed.

Previous Meeting Minutes: July 21, 2020

Chairman Plocher moved and Alderman Koch seconded to approve the minutes as presented. (Roll call vote was finished following the citizen comments): Tarulis-yes, Koch-yes, Funkhouser-yes, Plocher-yes. Carried 4-0.

Citizen Comments cont.

Sarah Nydegger wants the speed limit on Cannonball Trail lowered from 45 to 35 mph between the two curves.

Patricia Marsh lives on Cannonball Trail and has endured numerous power outages after drivers hit the poles there and people have driven into yards after accidents. She has had trees and mailboxes damaged due to the accidents. Speed is the problem, though enforcement has been good.

Clay Hamm said he tried to canvass most residents on Cannonball Trail regarding the speed issue. Almost all residents agreed with the speed problems and wish to see 35 mph instead of 45 mph. He said some incidents involving speed are not reported and drivers just leave. He asked if there was any downside to lowering the speed and said there are many children in the area as well as a church. He recommended a 30-35 speed limit.

New Business:

7. PW 2020-54 Cannonball Trail Curve Speed Limit (out of sequence)

Mr. Olson said an analysis was done from recorded traffic data and a memo is included that details past discussions. He turned the discussion over to Mr. Sanderson. Engineer Sanderson said he received information from Police Department speed data from 370 vehicles as well as from Public Works speed signs on over 100,000 vehicles. From that he calculated a speed estimate with a conclusion that 45mph is the recommended speed. Improvements that can be made are shoulder strips, widening road, or rumble strips. He said there are right-of-way issues that would require acquisition to make some the improvements and moving poles farther back requires ComEd coordination.

Alderman Koch asked if there would be any drawback to lowering the speed to 35mph. Mr. Sanderson said to lower the speed would not be following accepted guidelines for establishing speed. Alderman Funkhouser asked if a portion of the road speed can be changed. Mr. Olson said there is no staff recommendation to change any part of the road and the data does not support a change. It was also noted that part of the curve is actually in the County jurisdiction. Alderman Frieders noted that rumble strips do not fare well with snow plows. In the interim, he said permanent flashing signs seem to have the most impact and suggested asking ComEd to move the pole. The City Attorney will be consulted.

1. PW 2020-48 Water Department Reports for April – August 2020

Mr. Dhuse said August reflects a large increase in water usage due to a very dry month. Alderman Tarulis said the city needs to be more proactive in enforcing the watering rules since watering is occurring on the wrong days and outside the allowed hours. The water reports will be moved forward to City Council on a roll call vote. Tarulis-yes, Koch-yes, Funkhouser-yes, Plocher-yes. Carried 4-0.

2. PW 2020-49 Cedarhurst of Yorkville Bond Release

Chairman Plocher moved to accept the bond release and Alderman Koch seconded. Roll call: Koch-yes, Funkhouser-yes, Tarulis-yes, Plocher-yes. Carried 4-0.

3. PW 2020-50 2020 Striping Program – Bid Award

Mr. Sanderson said this was budgeted and has Council approval. Three bids were received and were just slightly above the budget due to timing. He said the striping is badly needed. Some work will be done on McHugh Rd within the bid award. The committee gave a positive recommendation and it moves forward to City Council for a vote subject to determining the cost.

4. PW 2020-51 2020 Road to Better Roads Program – Change in Plans and Final Payment Estimate

This is the request for a final change order in the amount of \$82,000. Mr. Sanderson recommended moving forward. Alderman Koch asked if the \$82,000 goes back into the budget. Mr. Olson said it

came from MFT and will remain in the Fund Balance to be used in future years. A committee vote was taken to move this forward. Funkhouser-yes, Koch-yes, Tarulis-yes, Plocher-yes. Carried 4-0.

5. PW 2020-52 ITEP Applications

Ms. Willrett presented information regarding the ITEP (Illinois Transportation Enhancement Program) applications. It was last applied for in 2018 and was unsuccessful. Phase 1 engineering is now covered under these grants. She is requesting feedback on the 4 applications which are:

1. Joint cost-sharing project with the County on Fox Rd. sidewalk, to Rivers Edge to Hoover. The County supports this project.
2. Vegetation management along Rt. 34.
3. East Hydraulic conversion to one-way streetscape for festivals.
4. Riverwalk extension of trail west under bridge to recreation building.

Mr. Olson said there is no limit on the number of applications. Alderman Koch expressed concern for spending the money for these projects instead of on Road to Better Roads. Alderman Funkhouser asked if there were any penalties if the city withdrew from the applications--none are known. He said he liked the Fox Road multi-use path project. He said he is not as excited about the Rt. 34 project, he is OK with the Hydraulic project and he said the Riverwalk is expensive but he would like it integrated with other trails. In his feedback, Alderman Tarulis ranked the projects giving most approval to the trail on Fox Road, then Rt. 34 project, Riverwalk and Hydraulic. Mr. Olson summarized the conversation and this item will be taken to City Council for more feedback.

6. PW 2020-53 Proposed Road to Better Roads Program and Rebuild Illinois Program

Mr. Sanderson presented this item. The City wants to take advantage of the bidding during this time of the year. There are 2 funding sources: Road to Better Roads and extra money from state funding called Rebuild Illinois. The city's allotment is \$1.25 million to be paid out over the next 2 years. He said the original plan is being followed with a few extra projects added.

Mr. Olson said there are 2 action items: endorsement of next year's plan and general feedback for future plans. He also asked for feedback on a staff recommendation to use new funds in Fox Hill which is in poor condition. Greenbriar was also suggested.

Mr. Sanderson added that the Rebuild Funds do have limits on how the money is spent: 1) must be a transportation project and 2) it must be bondable. He elaborated on more details of these requirements. The committee members were generally OK with moving this plan forward and signified as follows: Funkhouser-yes, Koch-yes, Tarulis-yes, Plocher-yes. Carried 4-0.

Old Business: None

Additional Business:

Alderman Funkhouser related some residents' concerns about the Kennedy shared use path at Autumn Creek and Bristol Ridge. It was stated that pedestrians do not stop at intersection and drivers have nearly hit pedestrians. He asked staff to look at small stop signs.

There was no further business and the meeting was adjourned at 7:11pm

Minutes respectfully transcribed by

Marlys Young, Minute Taker, remote



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>

Agenda Item Number

New Business #1

Tracking Number

PW 2020-55

Agenda Item Summary Memo

Title: Capital Project Update

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: Status Update

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: None

Submitted by: Brad Sanderson Engineering
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/gov_officials.php



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: October 20, 2020
Subject: Capital Improvement Projects Update

The purpose of this memo is to update the Public Works Committee as to the status of the several projects. A summary on the status of the projects is provided below:

Construction Projects

2020 RTBR

The work is substantially complete. Final restoration is currently being addressed.

2020 Striping Program

Contract has been awarded to Precision Pavement Markings, Inc. The contract completion date is October 30th.

Planning/Design Projects

Mill Road Reconstruction

Design engineering is 95% complete. Waiting funding finalization prior to letting.

Beaver Street BPS Generator

Design engineering has begun. Targeting a December bid letting.

Risk and Resilience Assessment Emergency Response Plan

Preliminary work has begun.



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #2

Tracking Number

PW 2020-56

Agenda Item Summary Memo

Title: Bond/LOC Reduction Summary – September 30, 2020

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: Informational

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Informational

Submitted by: Brad Sanderson Engineering
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/gov_officials.php



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: September 30, 2020
Subject: 2020 Bond/LOC Reduction Summary – To Date

Please see the attached reduction summary through September 30, 2020. If you have any questions, please let me know.

2020 Bond and Letter of Credit Reduction Report

Date	Development/Project	Engineer Concurrence	City Administrator Concurrence	Mayor Concurrence	Reduction	Final Release	Reduction Value	Remaining Balance
12/20/2019	Lot 6B - Kendall Crossing (508 Center Parkway)	X	X			X	\$ 10,980.00	\$ -
1/16/2020	Lot 4 - Kendall Crossing (Holiday Inn Express)	X	X		X		\$ 9,900.00	\$ 43,980.00
4/20/2020	Ashley Point / Prestwick	X	X		X		\$ 120,810.70	\$ 57,959.80



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #3

Tracking Number

PW 2020-57

Agenda Item Summary Memo

Title: Meeting Schedule for 2021

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: Proposed meeting schedule for 2021.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Lisa Pickering Administration
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Lisa Pickering, City Clerk
CC: Bart Olson, City Administrator
Date: October 8, 2020
Subject: Public Works Committee Meeting Schedule for 2021

Summary

Proposed 2021 meeting schedule for the Public Works Committee.

Meeting Schedule for 2021

For 2021, if the Public Works Committee would like to continue meeting the third Tuesday of the month at 6:00 p.m., the tentative meeting dates would be as follows:

- January 19, 2021
- February 16, 2021
- March 16, 2021
- April 20, 2021
- May 18, 2021
- June 15, 2021
- July 20, 2021
- August 17, 2021
- September 21, 2021
- October 19, 2021
- November 16, 2021
- December 21, 2021

Recommendation

Staff recommends review of the proposed meeting dates and time so that a meeting schedule can be finalized for 2021.

2021

January						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input checked="" type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input checked="" type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #4

Tracking Number

PW 2020-58

Agenda Item Summary Memo

Title: Water Department Truck Purchases

Meeting and Date: Public Works Committee - October 20, 2020

Synopsis: Proposing to purchase two new trucks for the water department.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee Approval

Submitted by: Eric Dhuse Public Works
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, Administrator
Rob Fredrickson, Finance Director
Date: October 5, 2020
Subject: Water Department Truck Purchases

Summary

Recommendation the purchase of two (2) new pickup trucks for the Water Department.

Background

As part of the annual budget process, staff evaluates the condition of the Public Works fleet. The approved FY2021 budget included the purchase of two (2) pickup trucks in the Water Operations Fund, and two (2) snow plows in the Public Works Capital Fund. These purchases will replace trucks currently in the Public Works Department fleet that are past their useful life.

Staff intends to use the State Purchase Program through the Illinois Department of Central Management Services to purchase the pickup trucks and equipment. Due to the coronavirus pandemic, there have been delays at the State level in the processing of the final contract documentation. The bids have been opened, vendor's selected, but they haven't been able to officially award the contract yet. Once the contract is officially awarded and the documentation is available, staff intends to place the order immediately (if approved).

Truck #1 –

New Vehicle

2021 Ford F350 with a Knapheide 8' service body and Boss 8'-6" snow plow with a total purchase price of \$52,424. The full build sheet (quote) is attached for your review (Exhibit A).

Current Vehicle

2008 Ford F350 (VIN# 1FDWF37Y08ED57176) with a service body (Y4) - This vehicle has 80,000 miles and has been used for hauling heavy loads and snow removal services throughout its career. Staff expects an estimated revenue of \$5,000-\$7,500 from the auction sale. Attached the vehicle replacement evaluation form for your review (Exhibit B).

Truck #2 –

New Vehicle

2021 Ford F250 with a Knapheide 8' service body and Boss 8'-6" snow plow with a total purchase price of \$50,144. The full bid sheet (quote) is attached for your review (Exhibit C).

Current Vehicle

2005 Ford F250 (VIN# 1FTSX21575EC28484) – This vehicle has 114,000 miles. This vehicle has mechanical and body concerns that would far exceed its value if repaired. Staff expects an estimated revenue of \$500-\$1000 from the auction sale. Attached the vehicle replacement evaluation form for your review (Exhibit D).

The estimated savings and proceeds from the sale will remain in the water fund for future purchases. To increase the life of the service bodies on the vehicles, Staff requests the remaining \$1,432 to have spray liner installed in the bottom of the tool compartments on the service body to extend its life cycle.

Financial Breakdown

\$ 90,000	Water Operations Fund (trucks) - 51-510-60-00-6070
\$ 14,000	PW Capital Fund (snow plows) - 25-215-60-00-6060
\$104,000	Total Budget Amount
\$ 52,424	Purchase of Truck #1 with Plow
\$ 50,144	Purchase of Truck #2 with Plow
\$ 1,432	Spray Liner
\$104,000	Purchase Total

Recommendation

Staff requests the Committee recommend to the City Council authorize the purchase two vehicles with snow plows from Bob Ridings Ford, Taylorville, Illinois, using the state purchase program in the amount not to exceed \$102,568 and the purchase of any other additions needed for the daily operations of this vehicle for a total vehicle amount not to exceed \$104,000.

Attachments

- Resolution
- Exhibit A – Bob Ridings Ford Truck #1 Quote
- Exhibit B – Vehicle Replacement Evaluation Form - Y4
- Exhibit C – Bob Ridings Ford Truck #2 Quote
- Exhibit D - Vehicle Replacement Evaluation Form - Y30

**A RESOLUTION OF THE UNITED CITY OF YORKVILLE, ILLINOIS,
AUTHORIZING THE PURCHASE OF TWO VEHICLES FROM BOB RIDINGS FORD,
TAYLORVILLE, ILLINOIS IN THE AMOUNT NOT TO EXCEED \$102,568.**

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, pursuant to the Governmental Purchasing Act, 30 ILCS 525/1 *et. seq.* (the “Act”), the City determined it to be in its best interests to purchase two (2) vehicles through the joint purchasing program of the State of Illinois; and

WHEREAS, after completion of the competitive procuring process as required by the Act, the State of Illinois awarded the Bob Ridings Ford of Taylorville, Illinois, as the lowest responsible bidder; and

WHEREAS, it is in the best interest of the City to approve the purchase the two police vehicles as itemized on Exhibit A and Exhibit C attached hereto from Bob Ridings Ford of Taylorville, Illinois; and

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 the findings of the Corporate Authorities.

Section 2: Pursuant the Act, the City Administrator is hereby authorized and directed to proceed with the purchase of two vehicles as itemized on “*Exhibit A and Exhibit C*” through Bob Ridings Ford, Taylorville, Illinois through the State of Illinois.

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. 2020.

CITY CLERK

KEN KOCH _____

DAN TRANSIER _____

JACKIE MILSCHEWSKI _____

ARDEN JOE PLOCHER _____

CHRIS FUNKHOUSER _____

JOEL FRIEDERS _____

SEAVAR TARULIS _____

JASON PETERSON _____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois
this ____ day of _____, A.D. 2020.

MAYOR

Attest:

CITY CLERK

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

toddffleet@aol.com

Ordering Agency: UNITED City of Yorkville Ford Fleet # _____ Quantity: 1

Contact Person: ERIC DAUSE Purchase Order # _____

Address: 800 GAME FARM RD City & Zip: Yorkville 62568 Cost Each \$ _____

Phone: 630-878-7102 Fax/Email: EDAUSE@Yorkville.IL.US TOTAL ORDER COST \$ _____

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)

☒ 2021 F350 REGULAR Cab Pickup w/8ft Bed 2wd \$26,975.00 ☒ 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 NEW 7.3 Litre V8, Includes HD 10spd Automatic, 430 horsepower, 475 lb Torque \$1675.00
ENGINES 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) School Bus Yellow \$635.00

☒ (Z1) White (M7) Carbonized Gray (PQ) Bright Race Red SPECIAL Paint Omaha Orange \$635.00
(JS) Silver (HX) Antimatter Blue (UM) Agate Black (Inquire) 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 Power Windows/Locks/Mirrors & Remote Keyless
Cruise Control ONLY \$215.00 Reg & Super Cab \$835.00 Crew Cab \$1035.00

STX UPGRADE Pkg, Includes XL Value Pkg PLUS Chrome Grille 110V Power Outlet \$175.00
& 18" Aluminum Wheels w/LT275/70R18 Tires \$1825.00 SIRIUS XM Radio \$175.00
18" Tires (ADD 500-1000 lb GVWR, INQUIRE) \$425.00 Chrome Bumper Décor Pkg \$210.00
Fleet Driver Assistance Pkg, Includes BLIS Blind Spot System WITH Built in Factory Trailer Brake \$249.00
Cross Traffic Alert, Lane Keeping Alert, PreCollision Assist with
Forward Collision Warning and Automatic High Beams \$950.00 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 **X 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 *4x4 Snowplow Prep Pkg \$230.00
 (REQUIRED for Plow Use, Incl HD Front Springs)

X *All Terrain Tires w/Standard XL 17" Wheels \$150.00
X 18" Wheels, STX or XLT \$250.00

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

(*) DIESEL ONLY OPTIONS (Inquire)

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)

***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 Regular Cab \$320.00
Running Boards Super or Crew \$425.00
Molded Mudflaps, Set of 4 \$120.00

STAINLESS Aftermarket Black \$450.00
 Tubular Cab Steps Polished \$550.00

Tubular Front Black Steel \$695.00
 Brush/Grille Guard 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 X Front Pr \$140.00
 Floor Liners Frt & Rear \$225.00

Vent Visors, Frt Pair \$89.00
 Smoke Acrylic 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 ADD Programmed Key w/NO Remote \$70.00 ea
 KEYS ADD Key & Remote Combo \$195.00 ea
 (2 Std) Factory CD Rom Service Manual \$275.00

X RHINO Liner Spray in Bedliner \$650.00
X Undercoat \$269.00

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

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
Manual Master Locking System \$545.00

LED Rope Lighting in Compartments \$995.00

OPTIONS Paint White or Black No Cost
 AVAILABLE Paint to Match for other Colors Inquire

X Knapliner Spray Lined Rear Bumper \$150.00
X Knapliner Spray in Bedliner, Cargo Area \$995.00
X 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 Knapheide 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 1300 lb Capacity, includes Black Steel Platform with 11" Folding Extension, Model 54 & 60 **\$3775.00**
G2 LIFTGATE (Not available w/Toppers, includes backup camera relocate w/pickups) USE ALUMINUM Platform \$695.00

RAMSEY Front Mount, 6000lb, Remote Controls, 95ft Cable w/Hook, Includes Black Grille Guard \$3385.00
WINCHES 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 NO Windows Standard
 OPTIONS Front & Rear Glass \$195.00
Front, Rear & Sides \$295.00
 SIDE DOOR NO Doors, Solid Sides No Cost
 OPTIONS 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 ___ Weatherguard Model 1275, Black Steel, 1000 lb Capacity \$1395.00
Ladder Rack ___ ADD Screened Cab Protector for 1500 lb Capacity \$1795.00

www.weatherguard.com**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

___ 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 ___ **7 foot \$6250.00**
 Hopper, Mounted w/Ratcheting Hold Downs, Electric Controls in Cab ___ **8 foot \$6950.00**

___ **WESTERN STRIKER, STAINLESS V Box Spreader**, Includes Electric Power, 2.0 Yd ___ **8 foot \$6250.00**
 Hopper w/Top Screen, Mounted w/Ratcheting Hold Downs, Electric Controls in Cab ___ **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

___ 4x4 \$1595.00 ___ 4x4 \$1595.00

___ w/Snowplow \$2295.00 ___ w/Snowplow \$2295.00

___ 2wd \$1795.00

___ 4x4 \$1895.00

___ w/Snowplow \$2495.00

DELIVERY TO YOUR LOCATION___ 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!!**

Vehicle #	Y4	Year	2008	United City of Yorkville Vehicle Replacement Guideline Evaluation Form		
Make	FORD	Model	F350 UTILITY			
Miles	73,825	Hours	5,182			
Original \$	45,000.00	(date)	5/1/08			
Budgeted Replacement \$		\$65,000.00		Replacement Point Range:		
/Auction / Estimated Trade-in \$		\$10,000.00		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	SEWER AND WATER			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 \leq 10% of purchase cost	2
	2	Maintenance costs (cumulative total) are \leq 25% of purchase cost	
	3	Maintenance costs (cumulative total) are \leq 45% of purchase cost	
	4	Maintenance costs (cumulative total) are \leq 60% of purchase cost	
	5	Maintenance costs (cumulative total) are \geq 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 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

Ford F250 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

toddffleet@aol.com

Ordering Agency: UNITED CITY OF YORKVILLE Ford Fleet # _____ Quantity: 1

Contact Person: ERIC DIXIE Purchase Order # _____

Address: 800 GAME FARM RD City & Zip: YORKVILLE IL 62568 Cost Each \$ _____

Phone: 632-878-7102 Fax/Email: EDIXIE@YORKVILLE.IL.US TOTAL ORDER COST \$ _____

STEP 1, SELECT Your F250 Model XL Standard Package Equipment Includes: See more at www.ford.com

6.2 Litre E85 V-8 w/385 HP & HD 6spd 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

☒ 2021 F250 REGULAR Cab Pickup w/8ft Bed 2wd \$24,845.00 4x4 \$27,345.00

2021 F250 SUPER Cab w/6.75ft SHORT Bed 2wd \$26,745.00 4x4 \$29,195.00

SUPER Cab includes w/8ft LONG Bed 2wd \$26,920.00 4x4 \$29,370.00

Flip-Out Cab Access Doors & Folding Rear Bench Seat.

2021 F250 CREW Cab w/6.75ft SHORT Bed 2wd \$27,895.00 4x4 \$30,395.00

CREW Cab includes w/8ft LONG Bed 2wd \$28,070.00 4x4 \$30,570.00

FULL Rear Doors & FULL Rear Bench Seat.

OPTIONAL NEW 7.3 Litre V8, Includes HD 10spd Automatic, 430 horsepower, 475 lb Torque \$1975.00
ENGINES 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 (J7) Magnetic Gray (PQ) Bright Race Red School Bus Yellow \$635.00
(JS) Silver (N1) Dk Blue (UM) Agate Black SPL Dk Green Gem (Inquire) \$635.00

XL INTERIOR Vinyl 40/20/40 Split Bench Seat Standard (1S) Cloth 40/20/40 Split Bench (Std w/XT) \$95.00
WITH CREW CAB \$285.00

STEP 3, SELECT Options & Equipment for XL Base Model (All Items this section INCLUDED w/XT)

XL Value Pkg w/Cruise & Chrome Bumpers \$375.00 Power Windows/Locks/Mirrors & Remote Keyless
Cruise Control ONLY \$215.00 Reg & Super Cab \$835.00 Crew Cab \$1035.00

STX UPGRADE Pkg, Includes XL Value Pkg PLUS Chrome Grille 110V Power Outlet \$175.00
& 18" Aluminum Wheels w/LT275/70R18 Tires \$1825.00 SIRIUS XM Radio \$175.00

Fleet Driver Assistance Pkg, Includes BLIS Blind Spot System WITH Chrome Bumper Décor Pkg \$220.00
Cross Traffic Alert, Lane Keeping Alert, PreCollision Assist with Built in Factory Trailer Brake \$249.00
Forward Collision Warning and Automatic High Beams \$950.00 SYNC 3 w/8" TouchScreen Control \$425.00

Preliminary Introductory Information, contact me to review your selections before ordering!!

2021 Ford F250 PICKUP Options

Pg 3

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 ___ Regular Cab \$1395.00
(17V)(Super & Crew Cab also include power adjustable pedals) ___ 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 F250 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** ___ w/STX or XLT 18" Wheels \$250.00

___ 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

___ 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)

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)

___ 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

___ Roof Clearance Lights \$95.00

(*) 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** ___ Regular Cab \$320.00

___ Running Boards ___ Super or Crew \$425.00

___ Molded Mudflaps, Set of 4 \$120.00

___ STAINLESS Aftermarket ___ Black \$450.00

___ Tubular Cab Steps ___ Polished \$550.00

___ Tubular Front ___ Black Steel \$695.00

___ Brush/Grille Guard ___ 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 ___ Front Pr \$140.00

___ Floor Liners ___ Frt & Rear \$225.00

___ Vent Visors, ___ Frt Pair \$89.00

___ Smoke Acrylic ___ Set of 4 \$125.00

___ Bug Deflector, Smoke Acrylic \$120.00

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 ___ ADD Programmed Key w/NO Remote \$70.00 ea

KEYS ___ ADD Key & Remote Combo \$195.00 ea

(2 Std) ___ Factory CD Rom Service Manual \$275.00

X RHINO Liner Spray in Bedliner \$650.00**X** Undercoat \$269.00**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**___ Rearview Camera Kit WITH Service Body or Bed Delete
(NOTE additional cost to install, inquire) \$395.00**ALWAYS contact me to review your selections before ordering!!**

X K NAPHEIDE 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
Manual Master Locking System \$545.00

LED Rope Lighting in Compartments \$995.00

OPTIONS Paint White or Black No Cost
AVAILABLE Paint to Match for other Colors Inquire

X Knapliner Spray Lined Rear Bumper \$150.00
X Knapliner Spray in Bedliner, Cargo Area \$995.00
X 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 Knapheide 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 1300 lb Capacity, includes Black Steel Platform with 11" Folding Extension, Model 54 & 60 \$3775.00
G2 LIFTGATE (Not available w/Toppers, includes backup camera relocate w/pickups) USE ALUMINUM Platform \$695.00

RAMSEY Front Mount, 6000lb, Remote Controls, 95ft Cable w/Hook, Includes Black Grille Guard \$3385.00
WINCHES 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 NO Windows Standard
OPTIONS Front & Rear Glass \$195.00
Front, Rear & Sides \$295.00
SIDE DOOR NO Doors, Solid Sides No Cost
OPTIONS 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

Preliminary 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 ___ Weatherguard Model 1275, Black Steel, 1000 lb Capacity \$1395.00
Ladder Rack ___ ADD Screened Cab Protector for 1500 lb Capacity \$1795.00

www.weatherguard.com**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

ALL PLOWS Include ___ Western 8.5ft MVP3 V-Plow \$6545.00
 Hand Held Remote ___ Western 9.5ft MVP3 V-Plow \$6945.00

___ Western 8.5ft Prodigy Plow \$6945.00

___ Western 8-10ft WIDE OUT \$7445.00

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

___ 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

___ 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!!**ALWAYS contact me to review your selections before ordering!!**

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 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)	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 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			36



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #5

Tracking Number

PW 2020-59

Agenda Item Summary Memo

Title: Gas N Wash - Yorkville

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: Acceptance Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by:

Brad Sanderson

Engineering

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>



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, Deputy City Clerk

Date: September 17, 2020
Subject: Gas N Wash Yorkville - Acceptance

The developer has requested that the City accept the public improvements for ownership and maintenance.

All work related to the public improvements, including punch list work has been completed. We recommend that the public improvements (sanitary sewer and sidewalk) as described in the attached Bill of Sale be accepted for ownership and maintenance by the City.

As required by City Code, the developer will be responsible to provide a performance guarantee to cover the one-year maintenance period. This period starts after the City formally accepts the improvements.

Along with final acceptance, there is a bond reduction to 10% of the value of the public improvements (Maintenance Guarantee).

The existing letter of credit and new amounts are as follows:

CNB Bank & Trust	
Letter of Credit No. 21901824 (Existing)	\$207,650.00
Original Approved EOPC (Public Improvement Portion)	\$47,280.00
Required Value (10% of Original)	\$4,728.00
Net Allowable Reduction	\$202,922.00

Upon City Council approval of the acceptance and the receipt of the executed Bill of Sale and new guarantee amount, the existing security may then be released.

BILL OF SALE

Seller, _____, in consideration of One and 00/100th Dollar (\$1.00), receipt hereby acknowledged, does hereby sell, assign, transfer and convey to the *Buyer*, the United City of Yorkville, an Illinois municipal corporation, at 800 Game Farm Road, Yorkville, Illinois 60560, the following personal property to wit described in Exhibit A attached hereto for the development know as Gas N Wash Yorkville, and generally shown on Exhibit B.

Seller hereby represents and warrants to *Buyer* that *Seller* is the absolute owner of said property, that said property is free and clear of all liens, charges and encumbrances, and that *Seller* has full right, power, and authority to sell said property and to make this Bill of Sale.

IN WITNESS WHEREOF, *Seller* has signed and sealed this Bill of Sale at _____, this _____ day of _____, 20__.

Signature of Seller

Subscribed and ***Sworn*** to
before me this _____ day
of _____, 20__.

Notary Public

EXHIBIT A
GAS N WASH - YORKVILLE
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITIY
SANITARY SEWER		
SANITARY SEWER PVC SDR 26, 10"	FOOT	510
SANITARY MANHOLE, 4' DIA W/ FR & LID	EACH	3
ROADWAY		
PCC SIDEWALK, 5" - W/ AGG SUB-BASE, 4"	SQ FT	2,556

EXHIBIT B: LOCATION OF PUBLIC IMPROVEMENTS

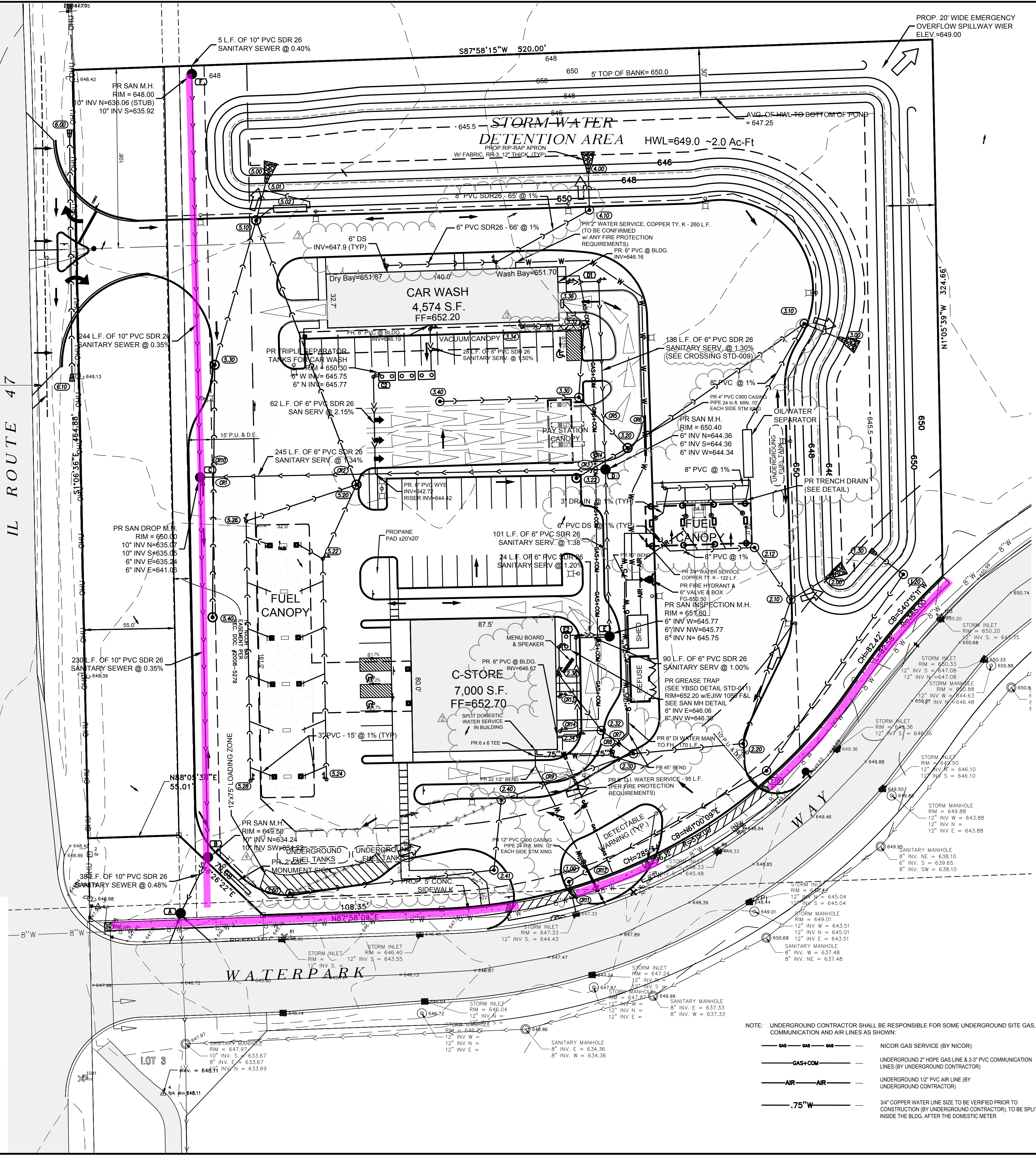
2.12 - 3.10	38 in. ft. - 12" RCP @ 0.40%
2.20 - 2.10	92 in. ft. - 18" RCP @ 0.25%
2.30 - 2.20	67 in. ft. - 18" RCP @ 0.25%
2.32 - 2.30	24 in. ft. - 12" RCP @ 0.40%
2.34 - 2.32	25 in. ft. - 8" PVC C900 @ 1.0%
2.36 - 2.32	43 in. ft. - 8" PVC C900 @ 1.0%
2.40 - 2.30	85 in. ft. - 12" RCP @ 0.40%
2.41 - 2.40	41 in. ft. - 12" RCP @ 0.34%
2.50 - 2.41	140 122 in. ft. - 12" RCP @ 0.40 0.34%
3.10 - 3.00	27 in. ft. - 18" RCP @ 0.30%
3.20 - 3.10	130 in. ft. - 18" RCP @ 0.25%
3.22 - 3.20	36 in. ft. - 12" RCP @ 0.40%
3.30 - 3.20	43 in. ft. - 12" RCP @ 0.50%
3.40 - 3.30	84 in. ft. - 12" RCP @ 0.40%
3.52 - 3.30	49 in. ft. - 12" RCP @ 0.40%
3.34 - 3.32	32 in. ft. - 8" PVC @ 1.0%
3.36 - 3.32	15 in. ft. - 8" PVC @ 2.0%
4.10 - 4.00	27 in. ft. - 12" RCP @ 0.40%
5.10 - 5.00	28 in. ft. - 18" RCP @ 1.57%
5.01 - 5.02	34 in. ft. - 10" PVC @ 0.15%
5.02 - 5.10	12 in. ft. - 10" PVC @ 0.20%
5.30 - 5.10	91 in. ft. - 12" RCP @ 0.40%
5.40 - 5.30	153 in. ft. - 12" RCP @ 0.40%
5.20 - 5.10	171 in. ft. - 12" RCP @ 0.50%
5.26 - 5.20	70 in. ft. - 8" PVC @ 0.80%
5.22 - 5.20	49 in. ft. - 8" PVC @ 0.80%
5.28 - 5.26	157 in. ft. - 8" PVC @ 0.70%
5.24 - 5.22	133 in. ft. - 8" PVC @ 0.70%
6.00 - 6.10	148 in. ft. - 23"x14" EL RCP @ 0.10%

1	Lower	6 Sanitary	T/P=641.97
2	Upper	12 Storm	B/P=646.83
3	Lower	6 Sanitary	T/P=642.99
4	Upper	12 Storm	B/P=646.40
5	Lower	6 Sanitary	T/P=644.72
6	Upper	12 Storm	B/P=646.36
7	Lower	6 Sanitary	T/P=644.93
8	Upper	12 Storm	B/P=646.49
9	Lower	6 Sanitary	T/P=645.21
10	Upper	18 Storm	B/P=646.20
11	Lower	2 Water	T/P=644.45
12	Upper	12 Storm	T/P=646.60
13	Lower	3/4 Water	B/P=644.30
14	Upper	12 Storm	T/P=646.60
15	Lower	6 Water	T/P=644.30
16	Upper	12 Storm	B/P=646.78
17	Lower	6 Water	T/P=644.30
18	Upper	12 Storm	B/P=646.62
19	Lower	6 Sanitary	T/P=641.81
20	Upper	12 Storm	B/P=644.30
21	Lower	8 Water	T/P=642.40
22	Upper	12 Storm	B/P=644.40
23	Lower	6 Water	T/P=642.60
24	Upper	8 Storm	B/P=647.30
25	Lower	6 Sanitary	T/P=646.85
26	Upper	8 Storm	B/P=647.50
27	Lower	6 Sanitary	T/P=647.00

1.00	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.50 12" INV S = 644.62 12" INV NE = 644.64
1.10	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=650.00 12" INV SW = 645.23 12" INV NE = 645.25
1.20	Catch Basin Type A, 6' Dia w/ EJIW 120 Fr & M1 Gr Outlet Control Structure (see detail) Rim=651.00 12" INV SW = 645.88 12" INV NW = 645.90
1.30	PRC Flared End Section 12" INV SE = 646.00
2.00	PRC Flared End Section 18" INV SW = 646.00
2.10	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.20 18" INV E = 646.09 12" INV W = 646.11 18" INV S = 646.11
2.12	Inlet Type B w/EJIW 1050 Fr & M1 Gr Rim=650.20 12" INV NE = 646.27 8" INV W = 646.50
2.20	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.30 18" INV E = 646.53 12" INV NW = 646.55 12" INV W = 646.55
2.30	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.35 18" INV E = 646.53 12" INV NW = 646.55 12" INV W = 646.55
2.32	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=650.80 12" INV SE = 646.65 8" INV W = 647.15 8" INV NW = 647.15
2.34	Clean-Out FG-652.50 8" INV E = 647.40
2.36	Clean-Out FG-652.50 8" INV SE = 647.58

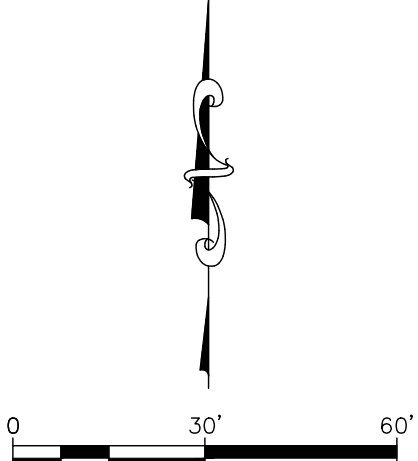
2.40	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=649.50 12" INV E = 646.89 12" INV NW = 646.91
2.41	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=650.00 12" INV SW = 647.33 12" INV NE = 647.31
2.50	Inlet Type A w/ EJIW 1050 Fr & M1 Gr Rim=649.70 12" INV NE = 647.47
3.00	PRC Flared End Section 18" INV NW = 646.00
3.10	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=649.20 18" INV E = 646.09 18" INV SW = 646.11 12" INV SW = 646.19
3.20	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.50 18" INV NE = 646.44 12" INV W = 646.64 12" INV NW = 646.79
3.22	Inlet Type A w/ EJIW 1050 Fr & M1 Gr Rim=649.70 12" INV NE = 646.79
3.30	Manhole Type A, 4' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.70 12" INV SE = 647.01 12" INV W = 647.03 12" INV NW = 647.03
3.40	Inlet Type A w/ EJIW 1050 Fr & M1 Gr Rim=650.30 12" INV E = 647.37
3.32	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=652.20 12" INV S = 647.21 8" INV W = 647.68 8" INV N = 648.40
3.34	DS Connect FG-652.20 8" INV E = 648.00
3.36	Trench Drain Rim=652.20 8" INV S = 648.70
4.00	PRC Flared End Section 12" INV S = 646.00
4.10	Inlet Type A w/ EJIW 1050 Fr & M1 Gr Rim=649.20 12" INV N = 646.11 8" INV SW = 646.60

5.00	PRC Flared End Section 18" INV S = 646.00
5.02	OIL/WATER Separator ADS 36" x 20" Rim=649.70 10" INV W = 646.05 10" INV E = 646.05
5.10	Manhole Type A, 5' Dia w/ EJIW 1050 Fr & M1 Gr Rim=649.20 18" INV N = 646.44 10" INV NE = 646.07 12" INV S = 646.09 12" INV SE = 646.09
5.30	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=649.30 12" INV N = 646.46 12" INV S = 646.48
5.40	Inlet Type A w/ EJIW 1050 Fr & M1 Gr Rim=649.50 12" INV SW = 646.19
5.20	Inlet Type B w/ EJIW 1050 Fr & M1 Gr Rim=650.40 12" INV NW = 646.95 8" INV W = 646.97 8" INV SW = 646.97
5.26	Clean-Out FG-650.70 8" INV E = 647.53 8" INV S = 647.55
5.22	Clean-Out FG-651.20 8" INV NE = 647.37 8" INV S = 647.39
5.28	Clean-Out FG-650.90 8" INV N = 648.65
5.24	Clean-Out FG-650.90 8" INV N = 648.23
6.00	PRC Flared End Section 23"x14" EL. INV = 647.40
6.10	PRC Flared End Section 23"x14" EL. INV = 647.55



NOTE: UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE FOR SOME UNDERGROUND SITE GAS, COMMUNICATION AND AIR LINES AS SHOWN:

— GAS —	NICOR GAS SERVICE (BY NICOR)
— GAS+COM —	UNDERGROUND 2" HDPE GAS LINE & 2-3" PVC COMMUNICATION LINES (BY UNDERGROUND CONTRACTOR)
— AIR —	UNDERGROUND 12" PVC AIR LINE (BY UNDERGROUND CONTRACTOR)
— .75" W —	3/4" COPPER WATER LINE SIZE TO BE VERIFIED PRIOR TO CONSTRUCTION (BY UNDERGROUND CONTRACTOR), TO BE SPLIT INSIDE THE BLDG. AFTER THE DOMESTIC METER



PLAN EDITION MILESTONES		
DATE	BY	DESCRIPTION
08/14/19	JMP	SUBMIT FOR REVIEW
08/23/2019	BPH	PER CITY REVIEW
10/09/2019	BPH	PER CITY, TSSD, DOT REVIEW
10/17/2019	RAR	PER DOT REVIEW
10/26/2019	RAR	PER Y.B.S.D. REVIEW
10/26/2019	BPH	STORM SEWER REVISIONS
10/21/2019	BPH	PER Y.B.S.D. REVIEW
11/02/2019	BPH	PER CITY REVIEW
12/02/2019	BPH	DOT REVIEW
12/02/2019	BPH	GENERAL REVISIONS
12/02/2019	BPH	ADDED CARWASH (DOF DRAIN)
12/02/2019	BPH	REV. UTIL. LOCATION

CIVIL ENGINEERING SURVEYING

MGA

M GINGERICH GEREUX & ASSOCIATES
Professional Design Firm License # 184-005003
P. 815-478-9680 www.mga2.com F. 815-478-9685
25620 S. GOUGAR RD. | MANHATTAN, IL 60442

DESIGN:	JMP
DRAWING:	JMP
CHECKED:	RSR
APPROVED:	BPH

GAS N WASH

UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS

SITE IMPROVEMENT PLANS

SITE UTILITY PLAN

SHEET NO.

C5 OF **C14**

JOB NO. 19—451

© 2018 M. GINGERICH, GEREUX & ASSOCIATES

GASB
GAS N WASH - YORKVILLE
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITIY	UNIT PRICE	COST
SANITARY SEWER				
SANITARY SEWER PVC SDR 26, 10"	FOOT	510	\$ 50.00	\$ 25,500.00
SANITARY MANHOLE, 4' DIA W/ FR & LID	EACH	3	\$ 3,000.00	\$ 9,000.00
ROADWAY				
PCC SIDEWALK, 5" - W/ AGG SUB-BASE, 4"	SQ FT	2,556	\$ 5.00	\$ 12,780.00
TOTAL COST				\$ 47,280.00



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #6

Tracking Number

PW 2020-60

Agenda Item Summary Memo

Title: Kendall Marketplace – Single Family Residential

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: Subdivision Acceptance Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by:

Brad Sanderson

Engineering

Name

Department

Agenda Item Notes:



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: October 20, 2020
Subject: Kendall Marketplace – Residential

The developer has requested that the City accept the public improvements for ownership and maintenance.

All work related to the public improvements, including punch list work has been completed. We recommend that the public improvements (water main, sanitary sewer, storm sewer, paving, sidewalk, street lighting and parkway trees) as described in the attached Bill of Sale be accepted for ownership and maintenance by the City.

As required by City Code, the developer will be responsible to provide a performance guarantee to cover the one-year maintenance period. The guarantee should be in the amount of (\$35,265.20). This period starts after the City formally accepts the improvements.

Original Value	\$352,652.00
Current Value (West Suburban Bank LOC #2001)	\$143,330.40
<u>Net Allowable Reduction</u>	<u>\$108,065.20</u>
Required Value (10% of Original)	\$35,265.20

BILL OF SALE

Seller, _____, in consideration of One and 00/100th Dollar (\$1.00), receipt hereby acknowledged, does hereby sell, assign, transfer and convey to the *Buyer*, the United City of Yorkville, an Illinois municipal corporation, at 800 Game Farm Road, Yorkville, Illinois 60560, the following personal property to wit described in Exhibit A attached hereto for the development known as Kendall Marketplace – Residential and generally shown on Exhibit B.

Seller hereby represents and warrants to *Buyer* that *Seller* is the absolute owner of said property, that said property is free and clear of all liens, charges and encumbrances, and that *Seller* has full right, power, and authority to sell said property and to make this Bill of Sale.

IN WITNESS WHEREOF, *Seller* has signed and sealed this Bill of Sale at _____, this _____ day of _____, 20__.

Signature of Seller

Subscribed and ***Sworn*** to
before me this _____ day
of _____, 20__.

Notary Public

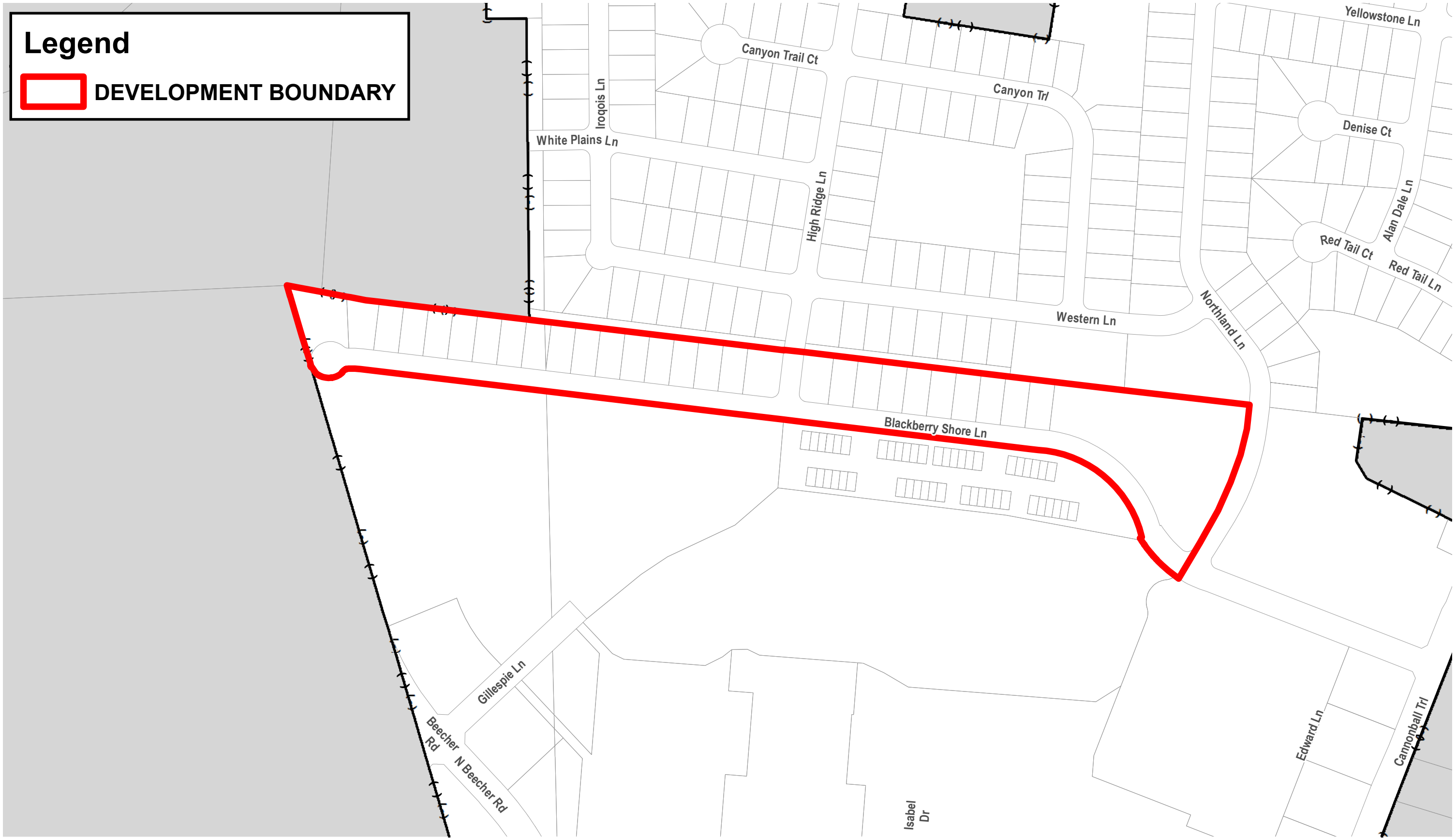
EXHIBIT A
KENDALL MARKETPLACE - RESIDENTIAL
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITY
SANITARY SEWER CONSTRUCTION		
8" PVC (SDR 26) SANITARY SEWER (0'-15' DEEP)	FOOT	1,342
8" PVC (SDR 21) SANITARY SEWER (15'-20' DEEP)	FOOT	1,118
4' MANHOLES (<10' DEEP)	EACH	3
4' MANHOLES (10'-15' DEEP)	EACH	6
4' MANHOLES (>15' DEEP)	EACH	5
SANITARY SEWER SERVICE INCLUDING TRENCH BACKFILL (LONG)	EACH	28
WATER MAIN CONSTRUCTION		
8-INCH WATER MAIN, DUCTILE IRON	FOOT	99
12-INCH WATER MAIN, DUCTILE IRON	FOOT	3,579
16-INCH WATER MAIN, DUCTILE IRON	FOOT	1,246
WATER VALVE AND VALVE BOX, 8"	EACH	2
VALVE AND VALVE VAULT, 12"	EACH	9
VALVE AND VALVE VAULT, 16"	EACH	8
FIRE HYDRANTS WITH AUXILIARY VALVE	EACH	19
2-INCH WATER SERVICE INCLUDING TRENCH BACKFILL	FOOT	288
STORM SEWER CONSTRUCTION		
STORM SEWERS, CLASS A, 12"	FOOT	2,560
STORM SEWERS, CLASS A, 15"	FOOT	1,652
STORM SEWERS, CLASS A, 18"	FOOT	932
STORM SEWERS, CLASS A, 21"	FOOT	708
STORM SEWERS, CLASS A, 24"	FOOT	391
STORM SEWERS, CLASS A, 27"	FOOT	255
STORM SEWERS, CLASS A, 30"	FOOT	130
STORM SEWERS, CLASS A, 36"	FOOT	156
STORM SEWERS, CLASS A, 42"	FOOT	174
INLETS, TYPE A 2' DIAMETER, R-3286-8V	EACH	2
INLETS, TYPE A 2' DIAMETER, R-3015	EACH	18
INLETS, TYPE A 2' DIAMETER, TYPE 8 GRATE	EACH	5
MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11
MANHOLES, TYPE A, 4' DIAMETER, R-2502	EACH	14
MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13
MANHOLES, TYPE A, 5' DIAMETER, R-2502	EACH	6
MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3
MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
MANHOLES, TYPE A, 6' DIAMETER, R-2502	EACH	2
MANHOLES, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
CATCH BASIN, TYPE C, 4' DIAMETER, R-3286-8V	EACH	2
CATCH BASIN, TYPE C, 4' DIAMETER, R-3015	EACH	22
CATCH BASIN, TYPE C, 4' DIAMETER, R-2502	EACH	2
CATCH BASIN, TYPE C, 5' DIAMETER, R-3015	EACH	4
FLARED END SECTION WITH GRATE, 30"	EACH	1
FLARED END SECTION WITH GRATE, 42"	EACH	1
MISCELLANEOUS UNDERGROUND CONSTRUCTION		
STREET LIGHTS COMPLETE WITH CABLE	EACH	10
PCC SIDEWALK 5' WITH AGG. SUBBASE (6" THRU DRIVE WITH 5" AGG BASE)	SQ FT	21,465
HMA SHARED USE PATH	SQ YD	704

ROADWAY	UNIT	QUANTITY
BLACKBERRY SHORE LANE	FOOT	2,985
HIGH RIDGE LANE	FOOT	215

Legend

DEVELOPMENT BOUNDARY



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
www.yorkville.il.us

			DATE:	OCTOBER 2020
			PROJECT NO.:	YO1729
			BY:	MJT
			PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
			FILE:	Kendall Marketplace Location Map
NO.	DATE	REVISIONS		

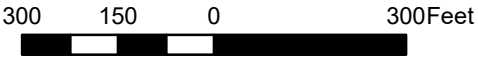


EXHIBIT B
KENDALL MARKETPLACE
LOCATION MAP



GASB

KENDALL MARKETPLACE - RESIDENTIAL

UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITY	UNIT PRICE	COST
SANITARY SEWER CONSTRUCTION				
8" PVC (SDR 26) SANITARY SEWER (0'-15' DEEP)	FOOT	1,342	\$ 26.50	\$ 35,568.30
8" PVC (SDR 21) SANITARY SEWER (15'-20' DEEP)	FOOT	1,118	\$ 30.00	\$ 33,528.00
4' MANHOLES (<10' DEEP)	EACH	3	\$ 2,100.00	\$ 6,300.00
4' MANHOLES (10'-15' DEEP)	EACH	6	\$ 2,520.00	\$ 15,120.00
4' MANHOLES (>15' DEEP)	EACH	5	\$ 3,150.00	\$ 15,750.00
SANITARY SEWER SERVICE INCLUDING TRENCH BACKFILL (LONG)	EACH	28	\$ 2,250.00	\$ 63,000.00
WATER MAIN CONSTRUCTION				
8-INCH WATER MAIN, DUCTILE IRON	FOOT	99	\$ 28.00	\$ 2,772.00
12-INCH WATER MAIN, DUCTILE IRON	FOOT	3,579	\$ 38.50	\$ 137,791.50
16-INCH WATER MAIN, DUCTILE IRON	FOOT	1,246	\$ 60.00	\$ 74,760.00
WATER VALVE AND VALVE BOX, 8"	EACH	2	\$ 1,060.00	\$ 2,120.00
VALVE AND VALVE VAULT, 12"	EACH	9	\$ 3,000.00	\$ 27,000.00
VALVE AND VALVE VAULT, 16"	EACH	8	\$ 4,800.00	\$ 38,400.00
FIRE HYDRANTS WITH AUXILARY VALVE	EACH	19	\$ 2,535.00	\$ 48,165.00
2-INCH WATER SERVICE INCLUDING TRENCH BACKFILL	FOOT	288	\$ 20.00	\$ 5,760.00
STORM SEWER CONSTRUCTION				
STORM SEWERS, CLASS A, 12"	FOOT	2,560	\$ 19.50	\$ 49,927.80
STORM SEWERS, CLASS A, 15"	FOOT	1,652	\$ 21.00	\$ 34,683.60
STORM SEWERS, CLASS A, 18"	FOOT	932	\$ 25.00	\$ 23,310.00
STORM SEWERS, CLASS A, 21"	FOOT	708	\$ 28.00	\$ 19,815.60
STORM SEWERS, CLASS A, 24"	FOOT	391	\$ 35.00	\$ 13,692.00
STORM SEWERS, CLASS A, 27"	FOOT	255	\$ 40.00	\$ 10,216.00
STORM SEWERS, CLASS A, 30"	FOOT	130	\$ 45.00	\$ 5,841.00
STORM SEWERS, CLASS A, 36"	FOOT	156	\$ 55.00	\$ 8,585.50
STORM SEWERS, CLASS A, 42"	FOOT	174	\$ 60.00	\$ 10,422.00
INLETS, TYPE A 2' DIAMETER, R-3286-8V	EACH	2	\$ 700.00	\$ 1,400.00
INLETS, TYPE A 2' DIAMETER, R-3015	EACH	18	\$ 700.00	\$ 12,600.00
INLETS, TYPE A 2' DIAMETER, TYPE 8 GRATE	EACH	5	\$ 700.00	\$ 3,500.00
MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	\$ 1,400.00	\$ 15,400.00
MANHOLES, TYPE A, 4' DIAMETER, R-2502	EACH	14	\$ 1,400.00	\$ 19,600.00
MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME,	EACH	13	\$ 1,785.00	\$ 23,205.00
MANHOLES, TYPE A, 5' DIAMETER, R-2502	EACH	6	\$ 1,785.00	\$ 10,710.00
MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	\$ 2,400.00	\$ 7,200.00

GASB

KENDALL MARKETPLACE - RESIDENTIAL

UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITY	UNIT PRICE	COST
MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	\$ 2,400.00	\$ 9,600.00
MANHOLES, TYPE A, 6' DIAMETER, R-2502	EACH	2	\$ 2,400.00	\$ 4,800.00
MANHOLES, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$ 5,500.00	\$ 5,500.00
CATCH BASIN, TYPE C, 4' DIAMETER, R-3286-8V	EACH	2	\$ 1,325.00	\$ 2,650.00
CATCH BASIN, TYPE C, 4' DIAMETER, R-3015	EACH	22	\$ 1,325.00	\$ 29,150.00
CATCH BASIN, TYPE C, 4' DIAMETER, R-2502	EACH	2	\$ 1,325.00	\$ 2,650.00
CATCH BASIN, TYPE C, 5' DIAMETER, R-3015	EACH	4	\$ 1,750.00	\$ 7,000.00
FLARED END SECTION WITH GRATE, 30"	EACH	1	\$ 1,300.00	\$ 1,300.00
FLARED END SECTION WITH GRATE, 42"	EACH	1	\$ 2,000.00	\$ 2,000.00
MISCELLANEOUS UNDERGROUND CONSTRUCTION				
STREET LIGHTS COMPLETE WITH CABLE	EACH	10	\$ 3,000.00	\$ 30,000.00
PCC SIDEWALK 5' WITH AGG. SUBBASE (6" THRU DRIVE WITH 5" AGG BASE)	SQ FT	21,465	\$ 6.00	\$ 128,790.00
HMA SHARED USE PATH	SQ YD	704	\$ 14.20	\$ 10,000.00
TOTAL COST				\$ 1,009,583.30

ROADWAY	UNIT	QUANTITY		
BLACKBERRY SHORE LANE	FOOT	2,985	\$ 84.19	\$ 251,314.66
HIGH RIDGE LANE	FOOT	215	\$ 74.40	\$ 15,995.22
TOTAL		2,985	TOTAL COST	\$ 251,314.66



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #7

Tracking Number

PW 2020-61

Agenda Item Summary Memo

Title: 2021 Road to Better Roads Engineering Agreement

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: October 15, 2020
Subject: 2021 RTBR Engineering Agreement - Design

Summary

Approval of a design engineering agreement with EEI for design engineering related to the 2021 RTBR program.

Background

This item was discussed by the City Council at the September 22, 2020 meeting. At that time, the City Council approved a 2021 RTBR program for areas generally south of the river, including the downtown area, Colonial Parkway, Beaver St, and Greenbriar Road. Accordingly, EEI has submitted an engineering agreement for our consideration for design engineering. Construction engineering contracts will be drafted and considered at a later date.

The attached contract contains a \$47,226 lump sum cost for design engineering, to be paid from hourly rates listed in the agreement. These amounts are included in the FY 20 budget. Construction is expected to occur in Summer 2021.

Recommendation

Staff recommends approval of the design engineering agreement with EEI for the 2021 RTBR program.

**2021 Roads to Better Roads Program
United City of Yorkville
Professional Services Agreement - Design 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. Design Engineering for all roadways indicated on Attachment D will be provided. Construction Engineering services are not included and would be provided in a separate agreement. 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. Design Engineering will be paid for as a Lump Sum in the amount of \$47,226.00. The hourly rates for this project are shown in the attached 2019 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:	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 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 _____, 2020.

United City of Yorkville:

Engineering Enterprises, Inc.:

John Purcell
Mayor

Brad Sanderson, P.E.
Chief Operating Officer / President

Lisa Pickering
City Clerk

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 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 - Design Engineering**

Attachment B – Scope of Services

Design Engineering:

- Process required documents with the Illinois Department of Transportation for Motor Fuel Tax Projects including:
 - BLR14220 - Resolution
 - BLR14222 - Municipal Estimate of Maintenance Costs
 - BLR11510 - Preliminary Estimate of Cost
- Conduct site visit(s) to assess condition of existing pavement, curb and gutter, sidewalk, drainage, structures and identify non-compliant sidewalk curb ramps.
- Obtain, review and inventory existing utility, roadway, right-of-way, ownership, soil data, etc.
- Obtain utility information to identify potential conflicts, as necessary.
- Obtain geotechnical site data, consisting of pavement cores taken every 750-1000 feet, as necessary.
- Coordinate documentation for CCDD Management of soils, as necessary.
- Coordinate and develop with City Staff the final scope of improvements
- Confirm pavement design and rehabilitation methodology.
- Prepare MFT General Maintenance Section bid package, and ancillary documents, including:
 - BLR 12200 – Local Public Agency Formal Contract Proposal
 - BLR 12200 A – Schedule of Prices
 - BLR 12230 - Bid Bond Form
 - BLR 12325 - Apprenticeship Certification
 - BLR 12326 – Affidavit of Illinois Business Office
 - BC57 - Affidavit of Availability
 - BLR11310 – Special Provisions
 - Index for Supplemental Specifications and Recurring Special Provisions
 - Check Sheet for Recurring Special Provisions
 - Special Provisions
 - Bureau of Design and Environment Special Provisions/Check sheets
 - Local Roads Special Provisions
 - District Three Special Provisions
 - Location Map
 - City Provisions & Details
 - Existing/Proposed Typical Sections
 - Highway Standards
 - Prevailing Wage
 - BLR 14232 – Municipal Maintenance Operations
 - Adams Street (W. Ridge Street to W. Hydraulic Avenue)
 - Beaver Street (IL Route 47 to Deer Street)
 - Colonial Parkway (IL Route 47 to IL Route 126)
 - Morgan Street (W. Hydraulic Avenue to W. Fox Street)
 - State Street (W. Hydraulic Avenue to W. Ridge Street)
 - W. VanEmmon Street (S. Main Street to Morgan Street)
 - Heustis Street (E. Fox Street to E. Hydraulic Avenue)
 - Mill Street (E. Fox Street to E. VanEmmon Street)

*2021 Roads to Better Roads Program
United City of Yorkville
Professional Services Agreement
Design Engineering
Attachment B - Scope of Services*

- W. Hydraulic Avenue (IL Route 47 to Morgan Street)
 - W. Madison Street (Morgan Street to S. Main Street)
 - Greenbriar Road (Walsh Drive to IL Route 47)
- Coordinate IDOT and City review, including revisions and approval
- Prepare preliminary and final cost estimates
- Assist in bidding, contractor/bid evaluations, contract preparation and additional contract administration as required; facilitate IDOT approval of Contract
- Attend public meetings with Staff to review design progress
- Provide all bid packages in 8 ½" x 11½" format
- Provide planning/design/construction schedule and frequent updates regarding any potential items affecting the schedule



ATTACHMENT C - ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST
PROFESSIONAL ENGINEERING SERVICES

2021 ROADS TO BETTER ROADS PROGRAM
United City of Yorkville



Outstanding Service ~ Every Client ~ Every Day

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	SENIOR PROJECT TECHNICIAN II	CAD MANAGER	SENIOR PROJECT TECHNICIAN	ADMIN.		
		HOURLY RATE:	\$208	\$197	\$153	\$141	\$197	\$178	\$153	\$153	\$141	\$70		
FINAL ENGINEERING														
2.1	Project Management and Administration		6	16	4								26	\$ 5,012
2.2	Project Meetings (2 meetings)		4	4	6	-							14	\$ 2,538
2.3	Geotechnical Investigation (Coordination, Field Work, Review Report)				6	-							6	\$ 918
2.4	Analyze/Finalize Roadway Rehabilitation Methods				8	-							8	\$ 1,224
2.5	Site Review, Identification of Required Improvements				48								48	\$ 7,344
2.6	Prepare Pre-Final Bid Package/Exhibits- 50%			2	36						8		46	\$ 7,030
2.7	Prepare Pre-Final Bid Package/Exhibits - 90%			4	40						8		52	\$ 8,036
2.8	Prepare Engineer's Opinion of Probable Construction Cost - 90%		2	2	12								16	\$ 2,646
2.9	Submit Bid Package for IDOT Review			2	8							2	12	\$ 1,758
2.10	Revise and Resubmit Bid Package for IDOT Approval/Advertisement			2	8						4		14	\$ 2,182
2.11	Bidding and Contracting		2	4	18							4	28	\$ 4,238
Final Engineering Subtotal:			14	36	194	-	-	-	-	-	20	6	270	\$ 42,926
PROJECT TOTAL:			14	36	194	-	-	-	-	-	20	6	270	42,926

DIRECT EXPENSES	
Printing =	\$ -
CCDD (pH testing) =	\$ 500
Geotechnical (Rubino) =	\$ 3,800
Material Testing (Rubino) =	\$ -
DIRECT EXPENSES =	\$ 4,300

LABOR SUMMARY	
Engineering Expenses =	\$ 39,686
Surveying Expenses =	\$ -
Drafting Expenses =	\$ 2,820
Administrative Expenses =	\$ 420
TOTAL LABOR EXPENSES =	\$ 42,926

TOTAL EXPENSES =	\$ 47,226
------------------	-----------



**ATTACHMENT D:
ANTICIPATED PROJECT SCHEDULE**
2021 ROADS TO BETTER ROADS PROGRAM
UNITED CITY OF YORKVILLE

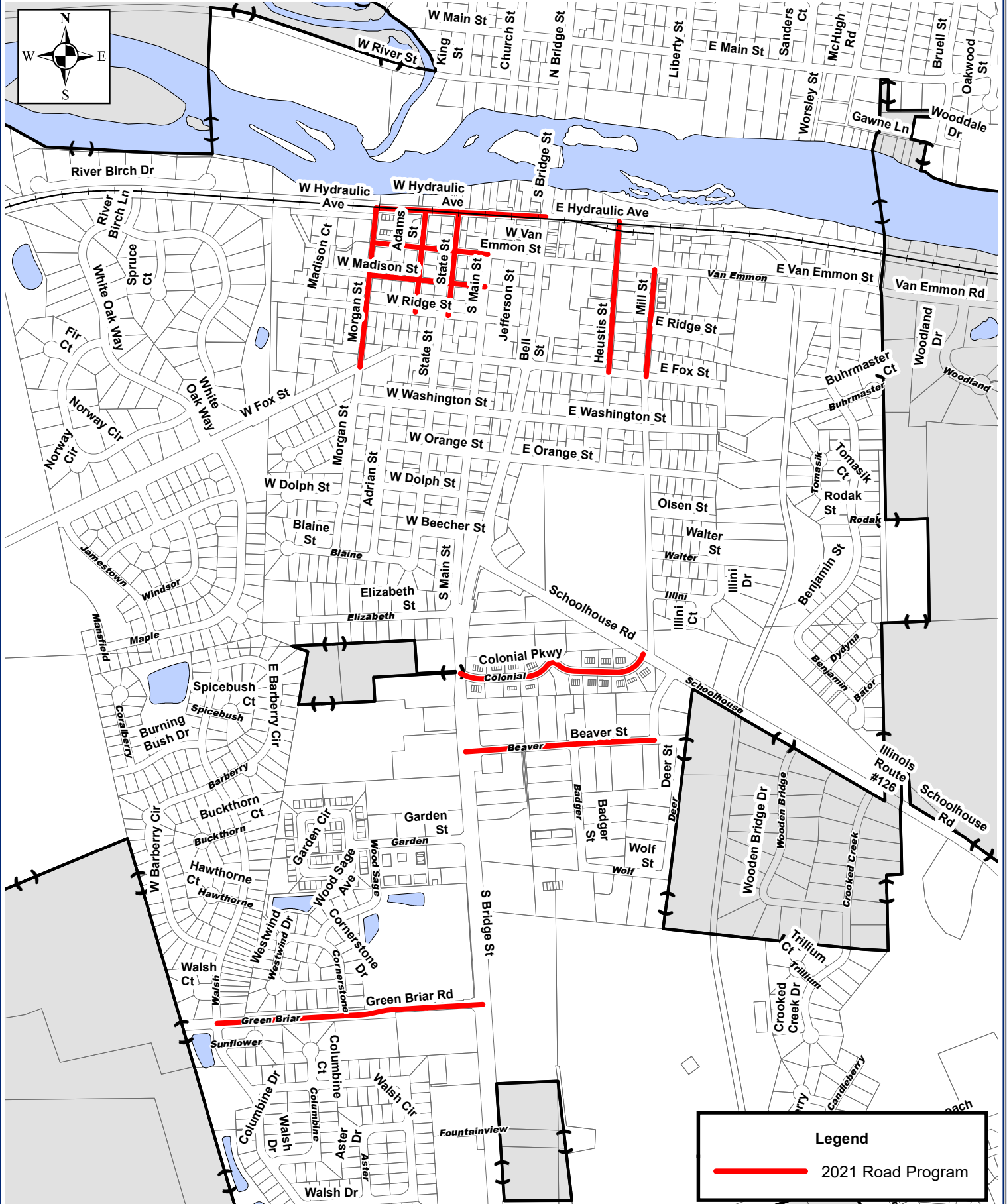


Outstanding Service ~ Every Client ~ Every Day

WORK ITEM NO.	WORK ITEM	Year:	2020								2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Month:	November				December				January				February				March				April				May				June				July																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
FINAL DESIGN ENGINEERING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2.1	Project Management and Administration																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

\\Milkyway\EEI_Storage\Docs\Public\Yorkville\2020\YO2025-P 2021 Road Program\PSA\5 - Attachment D - Schedule.xls\Design Schedule

Legend			
	Project Management & QC/QA		Preliminary
	Meeting(s)		Design Work Item
	Bidding and Contracting		Construction



Legend

2021 Road Program

**ATTACHMENT E
PROPOSED 2021 RTBR PROGRAM
LOCATION MAP**



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



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #8

Tracking Number

PW 2020-62

Agenda Item Summary Memo

Title: Fox Hill Roadway Improvements (Rebuild Illinois) Engineering Agreement

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: October 15, 2020
Subject: 2021 Rebuild IL program, design engineering contract

Summary

Approval of a design engineering agreement with EEI for design engineering related to the 2021 Rebuild IL program, for roadway resurfacing in Fox Hill.

Background

This item was discussed by the City Council at the September 22, 2020 meeting. At that time, the City Council approved a program for use of approximately \$1.2m in Rebuild IL funds in the Fox Hill subdivision (map attached at the end of the engineering agreement). Accordingly, EEI has submitted an engineering agreement for our consideration for design engineering. Construction engineering contracts will be drafted and considered at a later date.

The attached contract contains a \$83,731 lump sum cost for design engineering, to be paid from hourly rates listed in the agreement. These amounts were not contemplated in the FY 21 budget proposal, but Finance Director Fredrickson has opined that enough other projects have been delayed or deferred and a budget amendment is not needed at this time. There is a chance that a budget amendment will be needed at a later date. Construction is expected to occur in Summer 2021.

Recommendation

Staff recommends approval of the design engineering agreement with EEI for the 2021 Rebuild IL program.

**Fox Hill Roadway Improvements – Rebuild Illinois
United City of Yorkville
Professional Services Agreement – Design 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. Design Engineering for all roadways indicated on Attachment E will be provided. Construction Engineering services are not included and would be provided in a separate agreement. 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 Contractor 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. Design Engineering will be paid for as a Lump Sum in the amount of \$83,731.00 The hourly rates for this project are shown in Attachment F. All payments will be made accordingly 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 Kane 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 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 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:

*Fox Hill Roadway Improvements – Rebuild Illinois
United City of Yorkville
Professional Services Agreement
Design Engineering*

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:	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 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 _____, 2020.

United City of Yorkville:

Engineering Enterprises, Inc.:

John Purcell
Mayor

Brad Sanderson, P.E.
Chief Operating Officer / President

Lisa Pickering
City Clerk

Joseph W. Cwynar
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 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.

Fox Hill Roadway Improvements – Rebuild Illinois United City of Yorkville

Attachment B – Scope of Services

The United City of Yorkville requires Design Engineering services for the Fox Hill Roadway Improvements. A map of the roadways to be included in the program can be found in Attachment E of this proposal. The roadways have a total centerline length of approximately 1.77 miles.

In order to successfully complete this project, various items will need to be addressed during the preliminary planning, and the design engineering for this project. Our proposed scope of services will include the following:

Preliminary Planning:

- Initiate coordination with the Illinois Department of Transportation (IDOT) for processing the project utilizing Rebuild Illinois Bond funds including a Section Number Request.
- Coordinate and develop with City Staff the final scope and parameters of services to be provided.
- Obtain, review and inventory existing utility, roadway, right-of-way, ownership, soil data, etc.
- Gather data and utilize the City's GIS database to prepare base drawings for plan sheet development (R.O.W. to R.O.W) for all roadways included in the program.
- Perform on-site review of existing conditions to identify the required improvements.
- Conduct traffic counts to determine Average Daily Traffic (ADT) and Multi-Unit (MU) & Single Unit (SU) truck percentages for use in the pavement design.
- Analyze geotechnical site data, pavement cores and traffic data to determine pavement design for improvements.

Design Engineering:

- Prepare construction plans in IDOT format, consisting of, but not limited to, the following sheets:
 - Cover sheet including the following information:
 - Project Title
 - City Officials and Staff
 - Location Map
 - Professional Engineer Sign and Seal
 - City Approval Location
 - JULIE Contact Information
 - Scales
 - Benchmarks (when necessary)
 - Other information, as required
 - General notes and legend sheet including the following information:
 - Index of Sheets
 - Key Construction Details and Information
 - Applicable Standards
 - Supplemental Legend
 - Summary of Quantities sheet including the following information:
 - Proposed Pay Items
 - Pay Item Units
 - Pay Item Quantities

- Proposed and existing typical section sheets including the following information:
 - Existing typical sections with cross slopes, pavement location, R.O.W., pavement width, parkway width, ditch grades, locations, curbs and gutters.
 - Proposed typical sections indicating standard proposed sidewalk locations, dimensions of proposed construction items, thicknesses, areas requiring restoration, proposed striping, grading, and all other items required to indicate to the bidder the proposed construction
- Plan sheets including the following information:
 - Roadway Location dimensions, R.O.W. data
 - Location of existing items including but not limited to the sidewalk, utilities, structures, landscaping, mailboxes, street signs, power poles, utility transformers, drainage structures, curb and gutter, ditches, or any other item within the project locations available on the City GIS system.
 - Drainage improvements (when needed, including storm sewer type, size, grades, required trench backfill, etc.)
 - Required grading
 - Curb and gutter, sidewalk and driveway removal & replacement locations
 - Pavement markings
 - Sign locations (if required by design)
 - Sidewalk detectable warning locations at all sidewalk/roadway crossings
 - House numbers
 - Sanitary/storm sewer point repair locations
- Detail sheets including the following information:
 - All applicable project details
 - State standards
 - Traffic control
 - City details (as required)
 - Other details pertinent to the construction of this project
- Prepare construction specifications, consisting of, but not limited to, the following:
 - All required bidding and letting information and contractual forms
 - City special provisions and contracting information
 - Project specific specifications and special provisions
 - State specifications and provisions
 - Prevailing Wages
 - Pavement Core Reports
- Coordinate reviews with the United City of Yorkville and IDOT
- Process required documents with IDOT for MFT Projects (utilizing Rebuild Illinois Bond funds) including:
 - Plan Set
 - Bid Package
 - BLR 11510 – Estimate of Cost
 - BLR 09111 – Resolution
 - BLR 09150 – Request for Expenditure/Authorization of MFT Funds
 - Disposition of Comments (for the final submittal)
- Provide an LPC-662 form for the City to sign to include in the bidding documents to handle uncontaminated soil disposal.
- Prepare preliminary and final cost estimates.
- Prepare a final estimate of working days and/or construction schedule.

- Prepare and provide final contract drawings, documents and specifications for bidding. Specifications will include all necessary information for the bidder, including construction methodology, special provisions for construction and direction to the bidder regarding City specific requirements, construction ordinances and project specific guidelines.
- Assist in bidding, contractor/bid evaluations, contract preparation and additional contract administration as required; prepare and submit contracts to City and IDOT.
- Provide all plans and drawings electronically and 2 hard copies each in 22" x 34" (full size) and 11" x 17" (reduced size) formats with visual scales.
- Provide all specifications in 8 1/2" x 11 1/2" format, bound and in quantities as required.
- Provide planning/design/construction schedule and frequent updates regarding any potential items affecting the schedule.

Exclusions:

- No allowance has been made for public information meetings.
- No allowance has been made for topographic survey
- No allowance has been made for any soil analytics (other than pH testing) or preparation of an LPC-663 form.
- No Construction Engineering services have been included.

Throughout the course of the project, EEI will attend all required meetings with City Staff, permitting agencies, area business owners, residents or any other entity as requested or if specific concerns need to be addressed.

All documents prepared by Engineering Enterprises, Inc. shall be done so by, or under the supervision, of a Professional Engineer, licensed within the State of Illinois. Plans shall be signed and sealed by the design or supervising engineer. All of the latest design standards shall be utilized, including the most recent versions of the Standard Specifications for Road and Bridge Construction in Illinois, the Manual on Uniform Traffic Control Devices and the Standard Specifications for Water and Sewer Main Construction in Illinois.

Further, EEI will meet with utility and other agencies, as necessary, to coordinate utility services required for the project and to establish the division of work, if any, between the utility or the agency and construction contractor. In addition, EEI will prepare detailed minutes of all meetings and submit them for approval within five calendar days after meeting. Meeting minutes may denote scope of work changes but will not be considered formal notification of changes.

The following program guidelines for the Fox Hill Roadway Improvements (Rebuild Illinois) will be employed to ensure the best possible end result for the City, targeting a letting in April of 2021:

- Employ Quality Control/Quality Assurance procedures and implement and monitor the procedures for the duration of the project.
- Apply value-engineering techniques to ensure efficient and cost-effective design procedures.
- Communicate with all parties relative to the status of the project through meetings, correspondence and telephone conversations.
- Provide the required coordination between the City and other regulatory agencies.
- Provide early identification of issues or potential problem areas related to technical scheduling or budgetary goals.



Outstanding Service ~ Every Client ~ Every Day

ATTACHMENT C - ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST
PROFESSIONAL ENGINEERING SERVICES
FOX HILL ROADWAY IMPROVEMENTS - REBUILD ILLINOIS
UNITED CITY OF YORKVILLE



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 II	SENIOR PROJECT ENGINEER	SENIOR PROJECT MANAGER	PROJECT MANAGER	SENIOR PROJECT TECHNICIAN II	CAD MANAGER	SENIOR PROJECT TECHNICIAN	ADMIN.			
		HOURLY RATE:	\$208	\$197	\$165	\$153	\$197	\$178	\$153	\$153	\$141	\$70			
DESIGN ENGINEERING															
2.1	Project Management (QC/QA, Permitting, Coordination, Administration)		4	12	6								22	\$ 4,186	
2.2	Meetings with City Staff (2 meetings)		2	4		4							10	\$ 1,816	
2.3	Data Collection (GIS, List of Known Issues)					4							4	\$ 612	
2.4	Traffic Counts & Geotechnical Investigation (Coordination, Field Work, Review Report)			2	6	16							24	\$ 3,832	
2.5	Analyze/Finalize Roadway Rehabilitation Methods & Calculate Final Pavement Design			4	8	12							24	\$ 3,944	
2.6	Field Review of Existing Conditions				4	52							56	\$ 8,616	
2.7	Develop Base Sheets (Utilizing GIS)			2	6	6				10	48		72	\$ 10,600	
2.8	90% Plans, Specifications and Estimates		2	8	32	72				30	80	2	226	\$ 34,298	
2.9	Revisions and Disposition based on IDOT & City Comments on 90% Plans			2	4	16					8	2	32	\$ 4,770	
2.10	Submit Bid Package for IDOT & City Approval/Advertisement			2	2	6							10	\$ 1,642	
2.11	Bidding, Letting and Contracting			2	4	12						2	20	\$ 3,030	
PROJECT TOTAL:			8	38	72	200	-	-	-	40	136	6	500	77,346	

DIRECT EXPENSES	
Printing and supplies =	\$ 500
Pavement Cores & CCDD (Rubino) =	\$ 5,885
DIRECT EXPENSES =	\$ 6,385

LABOR SUMMARY	
Engineering Expenses =	\$ 51,630
Surveying Expenses =	\$ -
Drafting Expenses =	\$ 25,296
Administrative Expenses =	\$ 420
TOTAL LABOR EXPENSES =	\$ 77,346

TOTAL EXPENSES =	\$ 83,731
------------------	-----------

G:\Public\Yorkville\2020\Y02036-P Fox Hill Roadway Improvements (Rebuild Illinois)\PSA\4 - Attachment C - Level of Effort.xlsxFree Summary



Outstanding Service ~ Every Client ~ Every Day

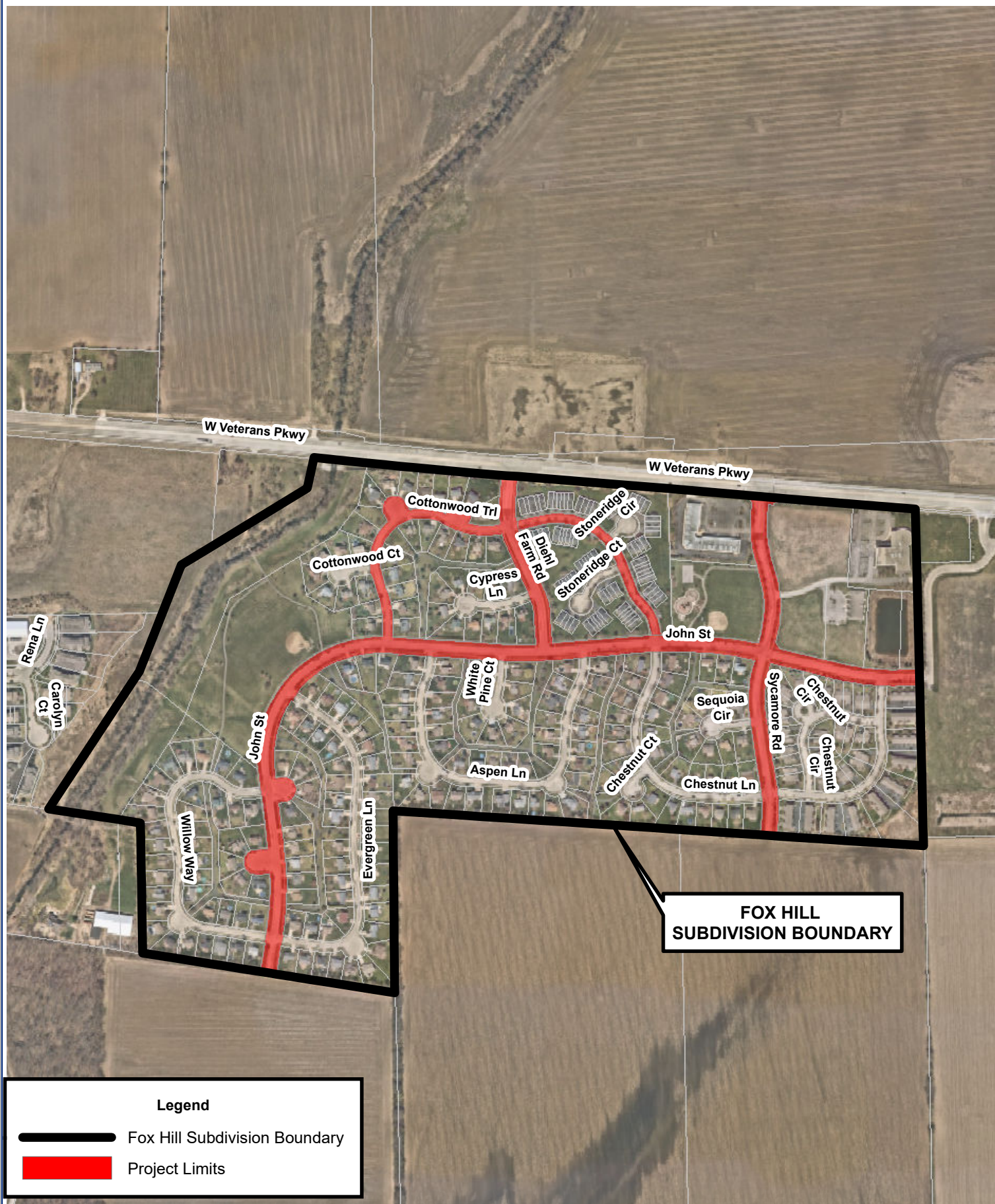
ATTACHMENT D - ANTICIPATED PROJECT SCHEDULE

FOX HILL ROADWAY IMPROVEMENTS - REBUILD ILLINOIS
UNITED CITY OF YORKVILLE



WORK ITEM NO.	WORK ITEM	Year:	2020								2021																													
		Month:	November				December				January				February				March				April				May													
		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										
DESIGN ENGINEERING																																								
2.1	Project Management (QC/QA, Permitting, Coordination, Administration)																																							
2.2	Meetings with City Staff (2 meetings)																																							
2.3	Data Collection (GIS, List of Known Issues)																																							
2.4	Traffic Counts &Geotechnical Investigation (Coordination, Field Work, Review Report)																																							
2.5	Analyze/Finalize Roadway Rehabilitation Methods & Calculate Final Pavement Design																																							
2.6	Field Review of Existing Conditions																																							
2.7	Develop Base Sheets (Utilizing GIS)																																							
2.8	90% Plans, Specifications and Estimates																																							
2.9	Revisions and Disposition based on IDOT & City Comments on 90% Plans																																							
2.10	Submit Bid Package for IDOT & City Approval/Advertisement																																							
2.11	Bidding, Letting and Contracting																																							

Legend	
Project Management, QC/QA, Coord.	Preliminary
Meeting(s)	Design Work Item
Bidding and Contracting	Permitting
IDOT & City Review	Construction



Legend

- Fox Hill Subdivision Boundary
- Project Limits

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:	SEPTEMBER 2020
PROJECT NO.:	YO2025
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\
FILE:	YO2025_Fox Hill Project.MXD

ATTACHMENT E ILLINOIS REBUILD FUNDS-LOCATION MAP





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



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #9

Tracking Number

PW 2020-63

Agenda Item Summary Memo

Title: ITEP Applications

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Informational item.

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: October 15, 2020
Subject: ITEP Applications - update

Summary

Review of the current status of the ITEP applications for a Fox Road trail and the Route 34 islands and parkway plantings.

Background

This item was last discussed by the City Council at the October 13th meeting, when the City Council approved resolutions authorizing both ITEP applications despite many of the details with the grant applications still being fluid.

Since that meeting, the City has heard from Kendall County that the Highway Committee had some unanswered questions related to the Fox Road project, their contributions, and the pending intergovernmental agreement. Timing wise, this means that the Kendall County participation in the grant will likely come after the deadline for the grant application. While this is acceptable from the state's perspective (i.e. the state will view Kendall County participation as a supporting entity, not required), this may or may not be acceptable with the City Council. Work on this application is ongoing, and further updates will be presented at the committee meeting.

Since direction was given at the committee to do low grow, no mow throughout the entire right-of-way, the staff is working with a vendor to provide a cost estimate. We expect to have that cost estimate by the end of next week, which will be after the PW Committee meeting. To the extent that we have updates at the meeting, we will provide them.

Recommendation

This is an informational item.



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

Old Business #1

Tracking Number

PW 2020-54

Agenda Item Summary Memo

Title: Cannonball Trail Curve Speed Limit

Meeting and Date: Public Works Committee – October 20, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Informational item.

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: October 15, 2020
Subject: Cannonball Trail speed limits

Summary

Update on the status of the Cannonball Trail speed limits discussion.

Background

This item was last discussed by the Public Works Committee at the September 2020 meeting. At that meeting, the committee heard from a group of City and County residents that wished to reduce the speed limits on Cannonball Trail from the current 45mph limit near the curve by New Life Church. During the discussion, it was discovered that not all of the roadway was in City limits, and so the committee directed staff to inquire with the County/Township on their opinions on the request. Further, because the previously discussed speed study showed that the 45mph was appropriate, the committee wanted to get an opinion from Attorney Orr on whether the City could reduce the speed limit, and if so, what the legal ramifications of the decision would be. Finally, one of the residents submitted a list of questions for the committee and staff.

First, the list of questions from the resident and the staff answers to those questions are attached to this memo. The types of questions and the answers covers most of the background, history, and options associated with the speed limit discussion.

Second, the City Attorney has opined that the Illinois Vehicle Code has no discretion for the City to deviate from the speed limit procedures set therein. The City's previously conducted speed study was conducted according to the Illinois Vehicle Code procedures and set the speed limit at 45mph. There are provisions within the Code that takes into account traffic counts, observed speed, pedestrian counts, driveway counts, and other items, but all of those taken into account has the speed limit at 45mph.

Third, we have attached a map of the jurisdiction of the roadway. The apex of the roadway and a few hundred feet west of the apex is a township road, and under the township's jurisdiction. The bookends of this township section are under City control. The County Engineer generally handles speed limit calculations on behalf of the townships, so we have reached out to both the township highway commissioner and the County engineer to discuss this. Both have said they would be interested in designing and constructing the improvements necessary to flatten the curve radius. Specifically, the township has said they will fund the design of the improvements, in an effort to come up with a construction cost estimate. At that point, they would then take the cost estimate for the ultimate improvement and talk to the City

about potentially splitting the cost of the improvements. As of today's date, the township is conducting the design and cost estimate. We do not have an anticipated date of completion of that design at this time.

Recommendation

This is an informational item.

- [Resident question] What is the design speed of Cannonball Trail ? What speed was the road designed for, and when?
 - [Staff answer] It was designed for 45 mph, but we aren't sure when.
- When was the current speed limit established?
 - We don't know.
- How has the road changed since then?
 - The general footprint of the roadway in this area has not changed in decades.
- How has the population changed since then?
 - It has increased, which has no direct impact on the recommendation or the state statute criteria for speed limits. Indirectly, traffic counts have a factor in the speed limit study which could be influenced by local population increases. Our new traffic counts proved that the 45 mph speed limit is the correct speed limit for the road.
- Did Whispering Meadows, Kylyn's Ridge, and Kendal Marketplace exist at the time?
 - Whispering Meadows was built in the mid 2000s, Kendall Marketplace around the same time, and Kylyn's Ridge was built a couple years before both of those. Cannonball trail, as we know it, has been around for at least 100 years. When it was only a farm road, it was known as "cut off" road since it bypassed Yorkville.
- What is the 85th percentile speed?
 - The 85th percentile speed is defined as "the speed at or below which 85 percent of all vehicles are observed to travel under free-flowing conditions past a monitored point."
- Is the 85th percentile the ultimate arbiter in the establishment of a speed limit?
 - Yes, please note that setting and revising speed limits is governed by the Illinois Vehicle Code and has no flexibility in its application.
- If not, what other factors are considered and how are they weighted?
 - The only mitigating factors on the speed study is:
 - High Crash Locations (per IDOT most recent Safety Data Tier Report) can result in reduction of prevailing speed by 10%.
 - Access Conflicts per mile can result in reduction of prevailing speed by 5% (41-60 conflicts per mile) or 10% (61 or more conflicts per mile).
 - Pedestrian Activity (more than 10 pedestrians per hour for at least 3 hours) can result in reduction of prevailing speed by 5%.
 - If Parking is permitted adjacent to the traffic lanes, this can result in a 5% reduction in prevailing speed.
 - Please note that, per IDOT's "Policy on Establishing Speed Limits on State Highways", it states that "Normally, isolated curves and turns, areas of restricted sight distances, no-passing zones, etc., should not be considered as the basis for alteration of speed limits."
- Was the absence of a shoulder considered when setting the speed limit?
 - The original speed limit for the road was likely set by the geometry and profile of the original pavement. The absence of a shoulder would likely have been considered with the original geometry.
- Setting speeds according to the 85th percentile generally means that engineers observe driver speeds and then set a speed limit such that 85 percent of drivers fall below it and 15 percent of drivers exceed that speed. Where can we access this data?
 - The City can provide data that was collected upon request.

- Has pedestrian and bicyclist data been collected?
 - No.
- Given the absence of a shoulder and sidewalk, do you think pedestrian and bicycle data would be relevant for setting a speed limit?
 - If there is significant pedestrian activity (more than 10 per hour for at least 3 hours), then this could be a factor in the speed limit decision. A reduction of prevailing speed by 5% could be implemented if the pedestrian count meets the criteria above.
- Do you have feedback or any information from property owners whose driveways open directly onto Cannonball Trail think of the current speed limit?
 - Alderman Frieders has sent over a survey.
- Would their opinion be considered?
 - For the traffic study criteria established by state statute - no.
- Could their opinion override the 85th percentile method?
 - No, the state statute does not allow that.
- If it came back that a majority of property owners wanted the speed limit lowered would you lower the speed limit?
 - No, the state statute does not allow that.
- What data supported the reduction of the speed limit from 55mph to 45 mph on the section of Route 34 from Beecher Rd to Eldamain Rd?
 - The state did their own traffic study when they engineered the road way. Generally, the state does not allow roadways with curb and gutter to exceed a 45mph speed limit.
- The section of Route 34 from Cannonball Trail to Eldamain was widened, leveled, flattened, and now has turn lanes, wide asphalt sidewalk, and no residential driveway entrances. The speed limit on this section of road is currently 45 mph. Cannonball Trail from Route 34 to Route 47 has no shoulder, is much narrower, there is no sidewalk for pedestrian or bicycle traffic, the roadway curves, there are 21 driveway entrances, one church entrance. Do you believe lowering the current 45 mile per hour speed limit would increase or decrease the safety of the private residential property owners and their children along Cannonball Trail?
 - There is no clear answer to this question. Intuitively, one would say that reduction in speed would increase safety of the residents and children. There are studies that recommend setting a speed limit at 5 or 10 mph below the 85th percentile speed. However, if drivers do not comply with the speed limit reduction (because the drivers are travelling at the “speed of the road” or the “85th percentile speed”, this could put the residents and children in greater danger as their expectation would be for drivers to comply. It often boils down to driver behavior and enforcement.
- What would be the negative effects of lowering the speed limit?
 - Traffic engineers would say that people’s behavior will not change. The City would probably write more speeding tickets.
- Who would be most directly affected by lowering the speed limit?
 - I don’t understand the question.
- What would be the financial cost/benefit of lowering the speed limit?
 - We have not done a formal analysis, and this is not something we would be able to do.
- of Kyly’s Ridge, Whispering Meadows, Hickory Lane, Amanda Lane Patricia Lane, and Cannonball Trail?
 - I don’t understand the question.

- Have you considered the 25 mph speed limit on State Route 47 through the Elburn business district? What are your personal thoughts on the appropriateness of this speed limit?
 - Speed limits on state routes are set by IDOT. We have no ability to change speed limits on Route 47 through Yorkville.
- Have you received input from officers monitoring traffic flow from the New Life Church parking lot?
 - Yes
- Is Cannonball Traffic Crash Data available from 8/26/2019 to date?
 - Yes, it is in the Public Works committee packet.

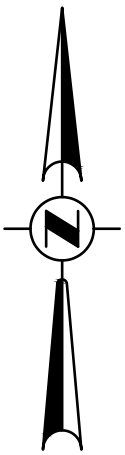
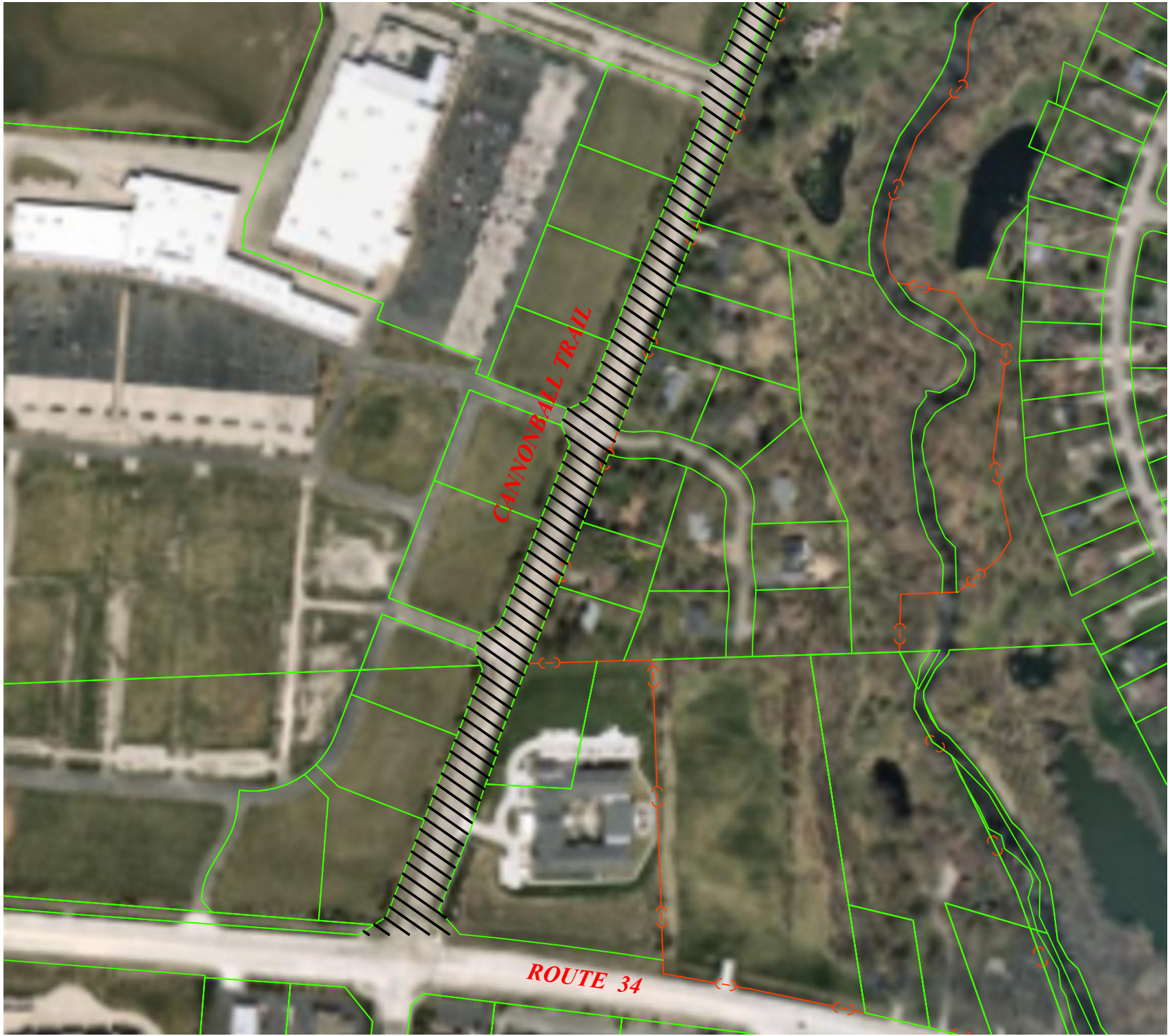
- The Cannonball Trail Safety Analysis report dated December 11, 2018 made the following recommendations:


Based on this limited analysis, EEI recommends widening the paved shoulders to 3' hot-mix asphalt through the curve as well as adding shoulder rumble strips. We also recommend adding additional chevrons to further delineate the curve. If the City like to follow this recommendation or choose another option(s) to pursue, then we can further evaluate and provide a detailed cost estimate.

Were these recommendations posted in the Kendall County record or otherwise made public?

- Yes, they were included in the Public Works Committee packet at the time and discussed at the meeting. I am not sure if the Record ran an article then or not.
- Are there plans to make any of EEI's safety improvements?
 - From the above recommendation, the City Council added additional chevrons and added some spinning reflectors at the top of signs. The City Council chose not to pursue the additional improvements due to cost. Since the Public Works Committee meeting, we have spoken with the township, which controls the apex of the curve and a few hundred feet to the west, who have indicated they may be willing to do a project to smooth out the radius of the curve. We are in discussions with the township and the County about doing so.
- What do the City of Yorkville and Kendall County employees, board members, council members, mayor, and aldermen who live on or adjacent to Cannonball Trail think about the current speed limit?
 - We can't answer that for them.
- What is the cost of replacing a power pole at the curve? How many times has this been done in the past 5 years? Wouldn't the one-time cost of relocating the poles be less expensive in the long run?
 - There is no cost to the City to replace the pole, as the pole is a ComEd pole.
- Do Cannonball Trail properties extend to the center of the roadway? If so, do you think it would be wise to consider these property owners thoughts on what the speed limit should be?
 - We don't have title information for each of those properties, but our understanding is that generally the properties DO go to the center of the right-of-way. While it's good to get feedback from residents on a variety of issues, public sentiment is not a variable in the mathematical calculation for a speed limit.

CANNONBALL TRAIL FROM
RT. 34 TO RT. 47 ROW AND
JURISDICTION EXHIBIT



 = UNITED CITY OF YORKVILLE JURISDICTION

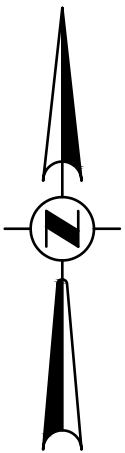
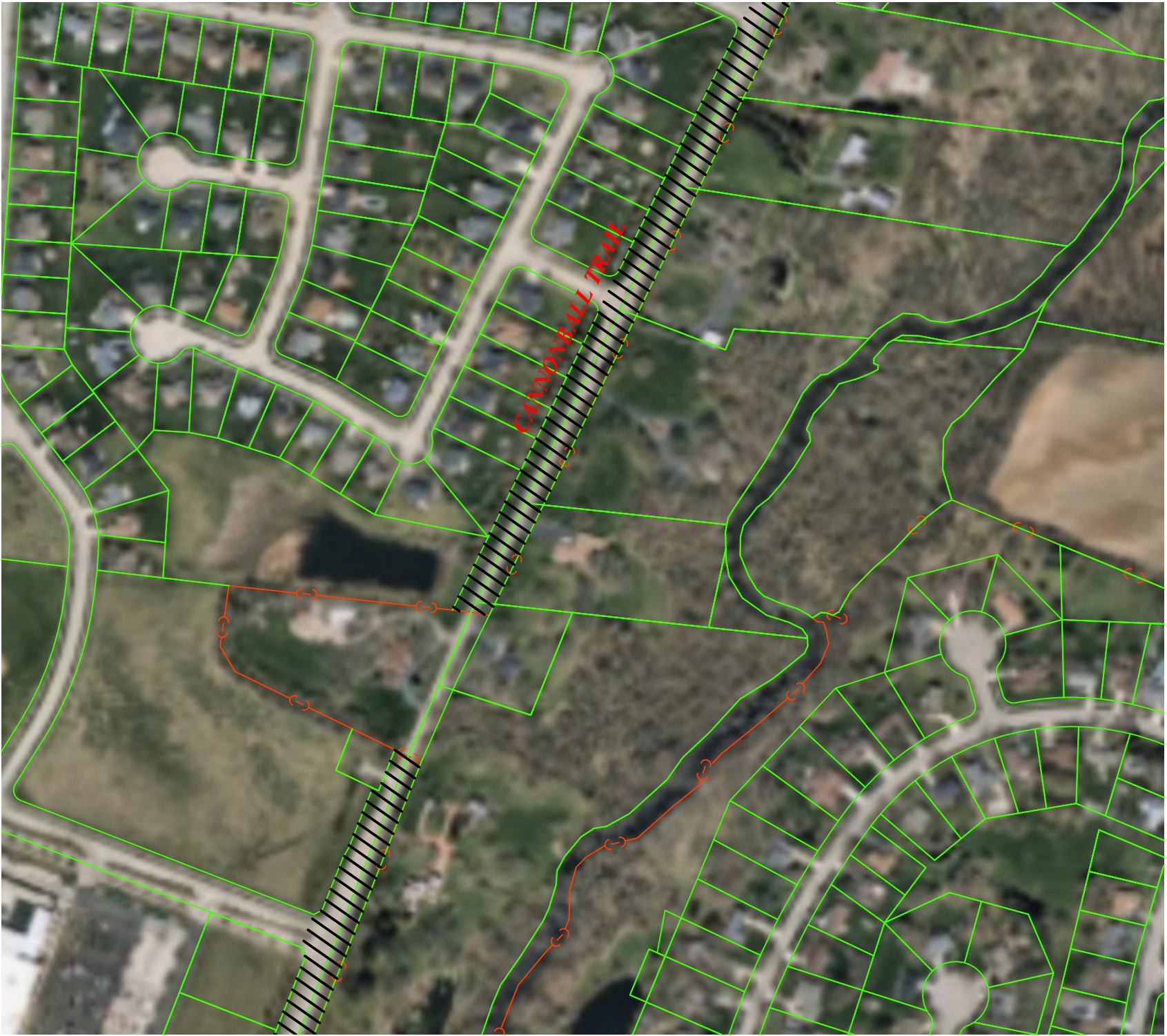
NOTE:
RIGHT OF WAY IS APPROXIMATE AND BASED ON GIS
INFORMATION. ADDITIONAL RESEARCH AND FIELD WORK
WILL BE NECESSARY TO VERIFY IF THERE IS ANY
DEDICATED RIGHT OF WAY. PRESCRIPTIVE RIGHT OF
WAY LIKELY EXISTING IN THE UNINCORPORATED AREAS.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PROJECT NO: Y01857
FILE NO: Y01857—EXHIBIT—

CANNONBALL TRAIL FROM RT. 34 TO RT. 47 ROW AND JURISDICTION EXHIBIT



= UNITED CITY OF YORKVILLE JURISDICTION

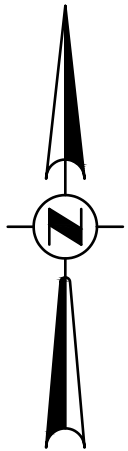
NOTE:
RIGHT OF WAY IS APPROXIMATE AND BASED ON GIS
INFORMATION. ADDITIONAL RESEARCH AND FIELD WORK
WILL BE NECESSARY TO VERIFY IF THERE IS ANY
DEDICATED RIGHT OF WAY. PRESCRIPTIVE RIGHT OF
WAY LIKELY EXISTING IN THE UNINCORPORATED AREAS.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PROJECT NO: Y01857
FILE NO: Y01857—EXHIBIT—

CANNONBALL TRAIL FROM RT. 34 TO RT. 47 ROW AND JURISDICTION EXHIBIT



= UNITED CITY OF YORKVILLE JURISDICTION

NOTE:
RIGHT OF WAY IS APPROXIMATE AND BASED ON GIS
INFORMATION. ADDITIONAL RESEARCH AND FIELD WORK
WILL BE NECESSARY TO VERIFY IF THERE IS ANY
DEDICATED RIGHT OF WAY. PRESCRIPTIVE RIGHT OF
WAY LIKELY EXISTING IN THE UNINCORPORATED AREAS.



Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

PROJECT NO: Y01857
FILE NO: Y01857-EXHIBIT-



To: Bart Olson
City Administrator

From: Colleen Jaltuch, P.E., LEED AP BD&C

Date: August 11, 2020

Re: Speed Study at Cannonball Trail Curve

EEI Job #: YO2027-C

EEI has analyzed traffic speed data provided by the City from July 2020 and also from 2019 to further investigate the safety of the curve along Cannonball Trail, located about ¼ mile west of IL 47. The curve itself has a radius of 350 feet and is along a two-lane rural section of Cannonball Trail.

Vehicle crashes at this location continues to be a concern to residents. The Police Department has noted that, since August 1, 2018 (last 24 months), there have been seven crashes at the location. None of them involved medical transport of any passengers to the hospital. Six of the crashes were single vehicle, and one was a head-on. In all seven crashes, the at fault unit was east bound on Cannonball. In five of the seven crashes, the ComEd utility pole was struck. Three of the crashes occurred on January 7, 2019, and two of them occurred on August 26, 2019.

As there have been recent resident complaints, the Police Department conducted spot speed studies in July 2020 for a total of 372 cars. To analyze the data, an 85th percentile speed must be calculated. This is the speed that 85 percent of the vehicles are travelling below during free-flow conditions. This is considered to be the safe speed for the roadway and is used in setting or adjusting speed limits. Based on the data collected in 2020, the 85th percentile speed is **42 mph**.

The City also collected extensive speed data between February 18 and June 30, 2019 via speed signs. One speed sign was located on an approach to the curve; the other speed sign was located within the curve. The data was collected over periods of roughly a month and each period included speed data for over 100,000 vehicles.

Based on the data collected outside the curve in 2019, the average 85th percentile speed is **45 mph**. The range of 85th percentile speeds during this time was 43 mph – 47 mph. The posted speed limit is 45 mph.

Based on the data collected within the curve in 2019, the average 85th percentile speed is **39 mph**. The range of 85th-percentile speeds during this time was 37 mph – 40 mph. The posted advisory speed is 25 mph.



Engineering Enterprises, Inc.

Memo

Upon review of the data collected, it is our recommendation that the speed limit remain as posted and not be reduced. The 85th percentile speed is used to set a safe speed to minimize crashes and to promote uniform traffic flow.

pc: Eric Dhuse, Director of Public Works
Jim Jensen, Chief of Police
BPS - EEI



Engineering Enterprises, Inc.

Memo

To: Bart Olson, City Administrator

From: Colleen Jaltuch, P.E., LEED AP BD&C

Date: January 8, 2019

Re: Cannonball Trail Safety Analysis – Estimate for Safety Improvements

EEI Job #: YO1857-C

Based on the Safety Analysis completed and described in the memo dated December 11, 2018, the City has requested a rough plan and cost estimate for safety improvements on Cannonball Trail between Amanda Lane and Alice Avenue. The enclosed plan sheets and cost estimate describe work to include addition of 3' paved shoulders with rumble strips milled into them and addition of 2 chevron signs to accompany the ones that are existing.

The estimated total cost for the improvements is \$59,685.00. Please contact me if you have any questions or would like further information.

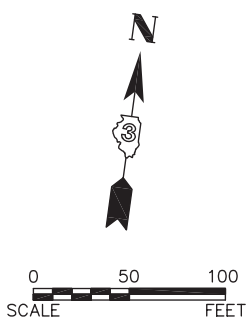
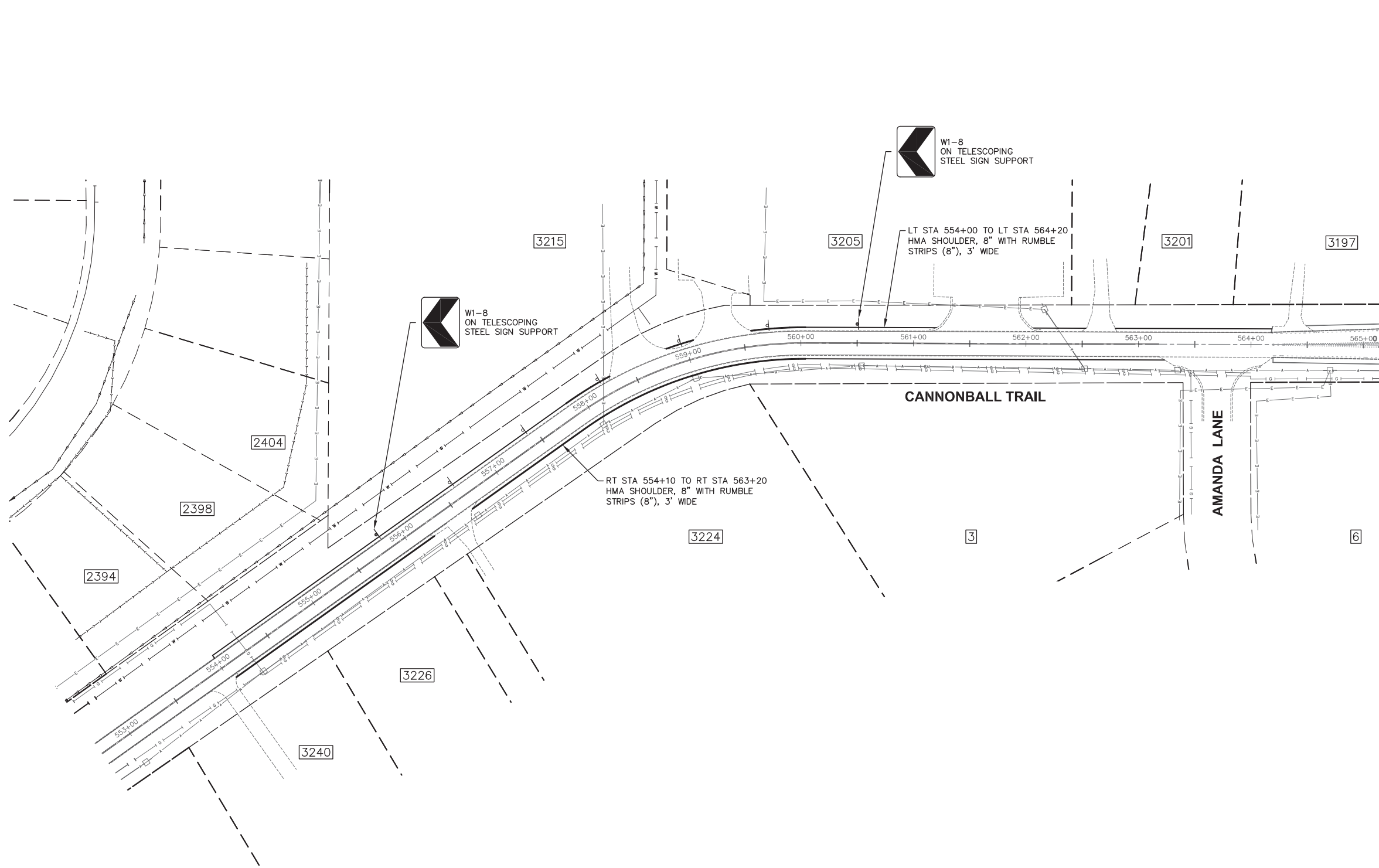


Engineering Enterprises, Inc.

52 Wheeler Road, Sugar Grove, IL 60554

JOB NO:	YO1857-C
PREPARED BY:	C. Jaltuch
DATE:	January 7, 2019
PROJECT TITLE:	Cannonball Trail Safety Analysis

Engineer's Opinion of Probable Construction Cost					
ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	HMA Shoulders, 8"	SY	543.0	\$ 45.00	\$ 24,435.00
2	Subbase Granular Material, Type B, 4"	SY	543	\$ 10.00	\$ 5,430.00
3	Shoulder Rumble Strips (8")	FT	1,630.0	\$ 1.50	\$ 2,445.00
4	Chevron Signs w/ Telescoping Steel Posts	EA	2	\$ 750.00	\$ 1,500.00
5	Restoration	SY	725	\$ 15.00	\$ 10,875.00
6	Mobilization	L SUM	1	\$ 5,000.00	\$ 5,000.00
7	Traffic Control and Protection, Special	L SUM	1	\$ 10,000.00	\$ 10,000.00
8					\$ -
9					\$ -
10					\$ -
11					\$ -
12					\$ -
13					\$ -
14					\$ -
15					\$ -
16					\$ -
17					\$ -
18					\$ -
19					\$ -
20					\$ -
21					\$ -
22					\$ -
23					\$ -
24					\$ -
25					\$ -
26					\$ -
27					\$ -
28					\$ -
29					\$ -
30					\$ -
31					\$ -
32					\$ -
33					\$ -
34					\$ -
TOTAL ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST					\$ 59,685.00



Plotted: January 8, 2019 @ 1:11 PM By: Kris Pang - Tab: Safety Exhibit 22334

COPYRIGHT © 2019 ENGINEERING ENTERPRISES, INC.

45

YEARS

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeiweb.com

UNITY CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS

0 1
Bar represents 1" at
FULL size plotted
scale. Percentage
to 1" to be applied
to stated scales.

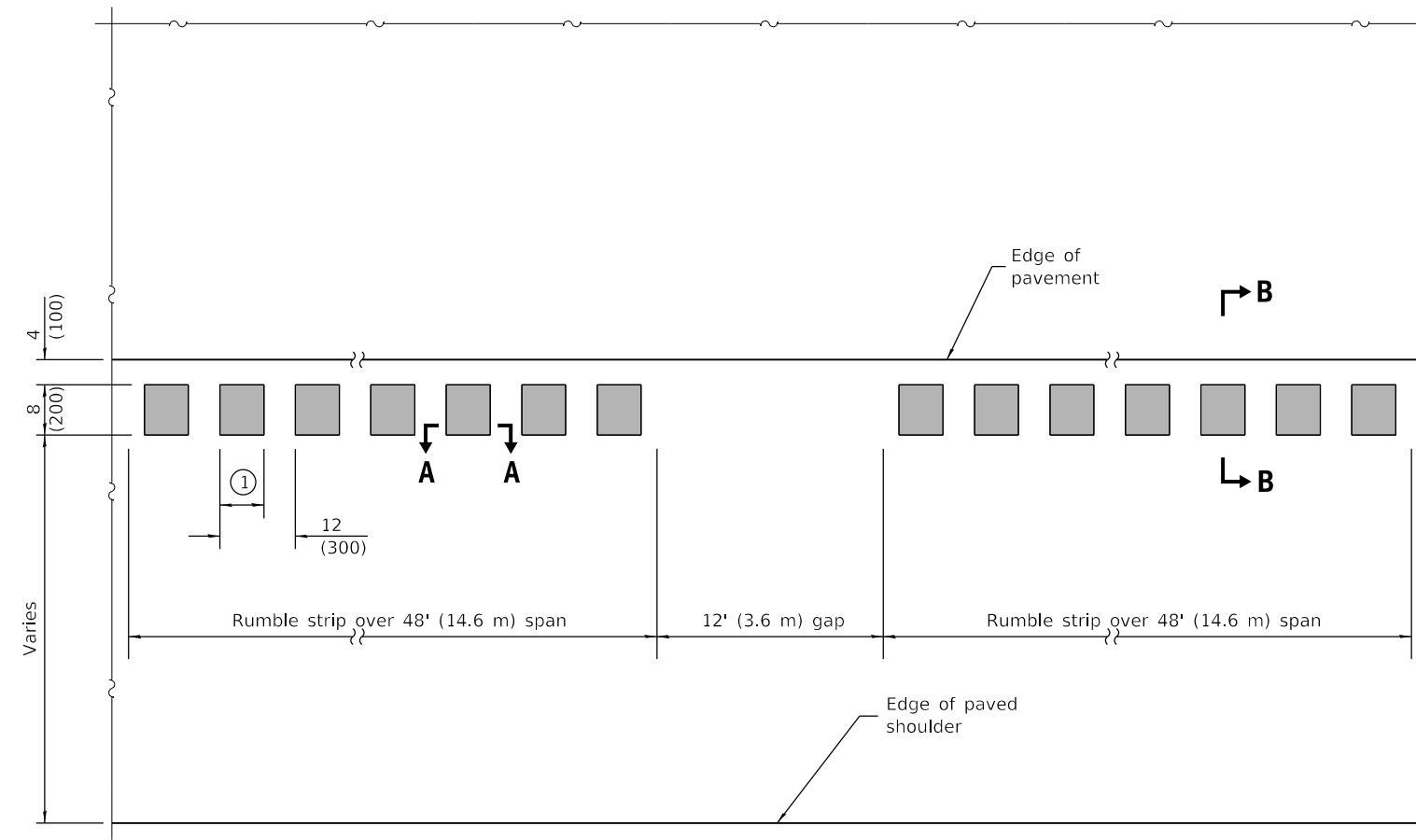
NO.	DATE	REVISIONS

CANNONBALL TRAIL

**SAFETY IMPROVEMENTS
EXHIBIT**

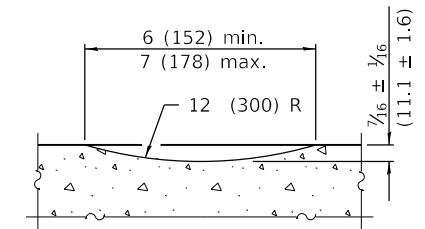
DATE:	JANUARY	2018
PROJECT NO:	Y01857	
FILE:	Y01857-SAFETY	
SHEET	1	OF 1

Path: H:\SDSKPROJ\Y01857\DWG\Y01857.DWG EXHIBIT\Y01857-SAFETY

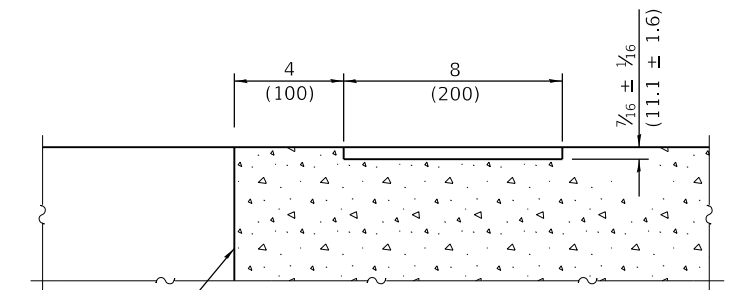


PLAN

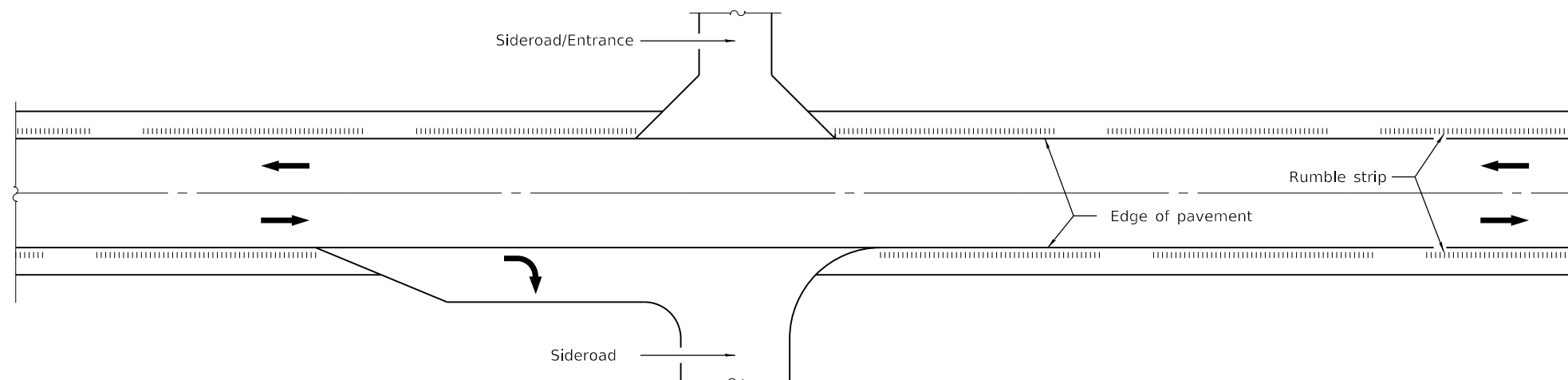
① See Section A-A.



SECTION A-A



SECTION B-B



TYPICAL APPLICATION AT AN INTERSECTION OR ENTRANCE

GENERAL NOTES

Omit shoulder rumble strips across structures and at mailbox turnouts.

All dimensions are in inches (millimeters) unless otherwise shown.

PASSED <u>January 1, 2012</u> <u>Michael Brand</u> ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-12
APPROVED <u>January 1, 2012</u> <u>Scott Schick</u> ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-12	New standard.

SHOULDER RUMBLE STRIPS, 8 in.

STANDARD 642006



To: Eric Dhuse

From: Colleen Jaltuch, P.E., LEED AP BD&C

Date: December 11, 2018

Re: Cannonball Trail Safety Analysis

EEI Job #: YO1857-C

EEI has analyzed the safety of the curve along Cannonball Trail, located about ¼ mile west of IL 47. The curve itself has a radius of 350 feet and is along a two-lane rural section of Cannonball Trail. This curve is shown on the attached exhibit.

Over the past five years, there have been seven reported crashes to the City along the curve and at the intersection of Cannonball Trail and Alice Avenue. Of these, one involved an injury and six involved property-damage only. The injury crash occurred on Alice Avenue. Of the six property damage crashes, four of these were due to roadway departure. One of these four roadway departures were due to wet pavement and one was due to icy pavement. Anecdotally, there probably have been more undocumented roadway departure issues.

There are several improvements that can be made to improve the safety of the roadway at the curve and mitigate crashes. I have listed them in order of least cost to greatest cost options.

1. Addition of Shoulder Rumble Strips

Shoulder rumble strips are a relatively low-cost option for prevention of single vehicle, run-off-road fatal and injury crashes. Per NCHRP Report 641, Guidance for the Design and Application of Shoulder and Centerline Rumble Strips, shoulder rumble strips result in a 13% - 51% reduction in these types of crashes.



Westbound along Cannonball Trail at 350'-radius curve approximately ¼ mile west of IL 47.



Shoulder rumble strips can be milled into or be raised elements on the existing paved shoulder. Rumble strips alert drivers through vibration and sound that they have left the travel lane. While this would not help drivers in icy roadway conditions, shoulder rumble strips are effective on dry and on wet pavement.

2. Roadside Safety Improvements

Many crashes at curves result from departure from roadway. Therefore, it makes sense to look at roadside safety also. According to the Fatality Analysis Reporting System (FARS), 27% of all fatal crashes occur at curves and 80% of all fatal crashes at curves are roadway departure crashes.

Increasing the clear zone (the unobstructed, traversable area beyond the edge of the travel lane for the recovery of errant vehicles) is one option. However, along the inside of the curve, this would involve relocation of Com Ed power poles and lines, among other roadside obstructions. Along the outside of the curve, there is a roadside ditch as well as power poles and trees and other obstructions.

Widening the paved shoulder to help give the driver more area to regain control of their vehicle and flattening the side slope also are roadside safety improvements to increase the clear zone that could be considered. Widening the shoulders or flattening the ditch foreslopes would increase the clear zone area.



Power poles, signs, trees, and other roadside obstructions.

Another roadside safety option is the addition of guardrail on the outside of the curve. The guardrail would stop the errant vehicle from leaving the roadway. However, there are two entrances on the center of the outside of the curve that would make the addition of effective guardrail difficult. The areas where the guardrail would have to gap to accommodate the entrances would be unprotected.



3. Addition of High Friction Surface Treatment (HFST) and Enhanced Delineation

High friction surface treatment (HFST) and enhanced delineation are proven methods for improving safety at horizontal curves. According to the Crash Mitigation Factor (CMF) Clearinghouse, chevron signs provide a 25% reduction in nighttime crashes and a 16% reduction in non-intersection fatal and injury cases and HFST provide a 52% reduction in wet road crashes and a 24% reduction in curve crashes.

High friction surface treatment is an engineered high-friction aggregate placed over a thermosetting polymer resin binder. This treatment increases the ability of a road surface to provide pavement friction to vehicles in critical braking or cornering maneuvers. This is especially useful at horizontal curves that are sharp, have deficient superelevation, and/or where driving speeds exceed the curve advisory speed.

There are four chevron signs on the outside of the curve. Additional chevrons can be added in advance of the curve to further delineate the curve. This would be especially beneficial for night-time drivers.

4. Resurface and Adjust Cross-Slope (Superelevation) for a Higher Design Speed

The posted speed limit on Cannonball Trail is 45 mph. Ahead of the curve, however, there is an advisory speed limit posting of 25 mph. If the pavement were milled and resurfaced and the cross slope adjusted so the superelevation rate is for a higher design speed, this would increase the pavement friction and result in a reduction in vehicle departure crashes. The resurfacing can be a higher friction hot-mix asphalt or a HFST as discussed in option 3. But, this pavement was last resurfaced in 2014 and the superelevation was, at the time, designed for a 45-mph design speed (Radius 350', Superelevation 3.6%).

5. Realign Road to Correct Curve

The most-costly (and least practical and feasible) option is to realign the roadway between IL 47 and Alice Avenue to increase the radius of the curve. As there are several residences on the inside of the curve that would require complete relocations, this option was not explored further.

Based on this limited analysis, EEI recommends widening the paved shoulders to 3' hot-mix asphalt through the curve as well as adding shoulder rumble strips. We also recommend adding additional chevrons to further delineate the curve. If the City like to follow this recommendation or choose another option(s) to pursue, then we can further evaluate and provide a detailed cost estimate.

Please let me know if you have any questions or need further information.

Cannonball Traffic Crash Data

Date	Direction of Travel	Primary Cause	Secondary Cause	Unit 1 Age
10/08/2018	Northeast	27 Exceeding Speeds for Safe Conditions	99 N/A	35
11/24/2018	Northeast	27 Exceeding Speeds for Safe Conditions	15 Driving Skills	52
01/07/2019	Northeast	28 Failing to Reduce Speed	11 Weather	27
01/07/2019	Northeast	28 Failing to Reduce Speed	99 N/A	20
01/07/2019	Northeast	27 Exceeding Speeds for Safe Conditions	12 Road Engineering/ Surface	16
08/26/2019	Northeast	Not Listed	Not Listed	21
08/26/2019	Northeast	28 Failing to Reduce Speed	15 Driving Skills	16