



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, May 18, 2021
6:00 p.m.
City Hall Conference Room
800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval: April 20, 2021

New Business:

1. PW 2021-34 Selection of Committee Liaisons
2. PW 2021-35 Meeting Dates
3. PW 2021-36 MFT Resolution for Bulk Rock Salt
4. PW 2021-37 Elizabeth Street Water Main Easement
5. PW 2021-38 Beaver Street Pump Station Improvements – Contract Award
6. PW 2021-39 2020 Striping Program – Request for Change in Plans and Final Payment Estimate
7. PW 2021-40 Countryside Lift Station SCADA Upgrades
8. PW 2021-41 Stop Sign Analysis – Windett Ridge
9. PW 2021-42 2021 Roads to Better Roads Program – Additional Work
10. PW 2021-43 Stormwater Management Basin Inspections – Update

Old Business:

1. PW 2021-30 Wing Road Closure Options
2. PW 2021-33 Sidewalk Locations

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, May 18, 2021
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. April 20, 2021

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

NEW BUSINESS:

1. PW 2021-34 Selection of Committee Liaisons

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

2. PW 2021-35 Meeting Dates

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

3. PW 2021-36 MFT Resolution for Bulk Rock Salt

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

4. PW 2021-37 Elizabeth Street Water Main Easement

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

5. PW 2021-38 Beaver Street Pump Station Improvements – Contract Award

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

6. PW 2021-39 2020 Striping Program – Request for Change in Plans and Final Payment Estimate

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

7. PW 2021-40 Countryside Lift Station SCADA Upgrades

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

8. PW 2021-41 Stop Sign Analysis – Windett Ridge

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

9. PW 2021-42 2021 Road to Better Roads Program – Additional Work

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

10. PW 2021-43 Stormwater Management Basin Inspections – Update

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

OLD BUSINESS:

1. PW 2021-30 Wing Road Closure Options

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

2. PW 2021-33 Sidewalk Locations

☐ 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"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 – April 20, 2021

Meeting and Date: Public Works Committee – May 18, 2021

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:

DRAFT

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, April 20, 2021, 6:00pm
Yorkville City Hall, Council Chambers
800 Game Farm Road**

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, the United City of Yorkville is encouraging social distancing during the pandemic by allowing remote attendance for this meeting.

IN ATTENDANCE:

Committee Members

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

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

Other City Officials

City Administrator Bart Olson, in-person
Assistant City Administrator Erin Willrett, remote
Engineer Brad Sanderson, EEI, in-person
Public Works Director Eric Dhuse, in-person

Other Guests: None

The meeting was called to order at 6:02pm by Chairman Joe Plocher.

Citizen Comments: None

Previous Meeting Minutes: March 16, 2021

The minutes were approved as presented.

New Business:

1. PW 2021-23 Snow Operations Report

Mr. Dhuse reported 1,800 tons of salt were ordered and used and 1,000 tons remain in the county facility. Some of the trucks broke down, two were rehabbed and one new one was ordered.

2. PW 2021-24 Capital Improvement Projects Update

Mr. Sanderson said there would be a Road to Better Roads pre-construction meeting April 21 and D Construction has indicated they will begin work in May with completion in early July. Mr. Sanderson

will provide updates to Ms. Willrett for posting. A \$275,000 bid was received for the Beaver St. generator, well under the estimate of \$410,000. Further information will be presented at the May meeting.

3. PW 2021-25 Quarterly Bond and Letter of Credit Reduction Summary

This is the quarterly report of 2021 activity thus far. There was no further discussion.

4. PW 2021-26 Timber Glenn Subdivision – Lot 5 and 6 – Bond Release

Sanitary sewer work was accepted by the city in March and there is a 1-year guarantee. A couple other items were re-inspected and Mr. Sanderson now recommends the security be released.

5. PW 2021-27 Mill Road Reconstruction – Contract Award

The bid from D Construction is being recommended for acceptance and is contingent upon the Grande Reserve development agreement being approved. Grande Reserve will also have to agree to Parks and Rec land cash components. It was hoped to have construction underway by now and it must begin by the end of May in order to have the project completed this year. The committee approved.

6. PW 2021-28 Mill Road Reconstruction – Construction Engineering Agreement

Mr. Olson said this is the engineering contract for this large project with at least 100 days of construction. The bid was \$239,000 and it is also contingent on the approval of the Grande Reserve incentive agreement. Approval was recommended and the committee was OK with this.

7. PW 2021-29 Bristol Ridge Road Resurfacing – Preliminary and Design Engineering Agreement

Mr. Olson said this is the design engineering contract with EEI and is grant-eligible. It is on a wait list and to get off the list and begin work it must be shovel-ready so design needs to be completed. The project will cover resurfacing, restriping and some patching/milling. The value is \$64,966 and is in the FY 22 budget proposal.

8. PW 2021-30 Wing Road – Construction Alternatives

This small project will be completed after the Rt. 71 project. It is one of the worst rated roads and has less than 100 cars per day. This has been proposed to be added to the Road to Better Roads project. Mr. Olson said the road will either be fixed for \$45,000 or fixed for the same amount and then close the Rt. 126 entrance, forcing cars to enter off Rt. 71. If the authorized work is added to the Rt. 71 agreement, the payments would be spread out as the Rt. 71 project progresses. To close this section will cut down on the traffic as there are only 3 houses on that section. Mr. Olson recommended making a decision about the closure later and the committee agreed. Mr. Funkhouser asked about vacating Wing Rd. and giving it to the residents who would then have to maintain it. Mr. Dhuse said the cross-access agreements could affect this decision. Mr. Olson said this will be researched and brought back later for discussion.

9. PW 2021-31 Road to Better Roads Program II – Additional Paving

Mr. Olson said there is a list of recommended roads in priority order, some of which are failed roads and others are just accelerated. The gross cost is \$600,000 and the Fox Hill project is an additional \$100,000-\$200,000. An adjusted budget proposal for FY22 will be brought forward to increase the RTBR budget. Sales tax and other cost savings will help meet the recommendation, said Mr. Olson. Mr. Dhuse added that the street ranking was based on necessity especially Corneils and E. Barberry. Mr. Koch asked about Garden Rd. which will be hot-patched for a temporary fix. Though Alderman Funkhouser said he preferred to defer the priority 2 roads, the committee was OK with these actions and they will be added to the budget.

10. PW 2021-32 Alternative Water Supply Update – Engineering Agreement

Mr. Olson said there is a \$49,951 draft engineering agreement with EEI which will update 2016 water study data to compare all water sources. Joliet, Oswego and Yorkville are all studying their options. He recommends this agreement and he said a general update will be available in May. He expects refined data from Joliet in August. This agreement will finalize a couple variables that will allow further discussion.

11. PW 2021-33 Sidewalk Locations

Mr. Olson said \$298,000 is planned for sidewalks. Sidewalk by Beecher was recommended for repair by the insurance company. Mayor Purcell has placed a high priority on constructing a sidewalk on Prairie Grass Lane that leads to Autumn Creek School. Kids there have to walk in the street for a short distance. Alderman Tarulis said about 25% of the lots in Prairie Meadows are grass and mud and he felt it would be a unwise use of money at this time and any future homes there should pay for the sidewalk. There are 3 lots that do not have sidewalks though the city did put down gravel in this area at one time. Chairman Plocher asked if there is any way to get the cash for the lots, however, there is no developer there yet and Menards (the owner) will not pay for sidewalk. Alderman Funkhouser says it seems useless to build sidewalks for 3 lots and he would like to scale back on the budget as a whole. The committee also discussed some of the upcoming water main projects and that the costs of sidewalk there will come from the water funds. This matter will move to the full Council in June or July.

Old Business:

1. PW 2021-06 MFT Resolution for ReBuild Illinois (Fox Hill Improvements)

Mr. Sanderson said the Council approved the resolution in February. Since that time IDOT has made some changes requiring a new resolution be passed with the amount of funds received to-date and another must be passed when all the funds are received. The funds will be paid out over 2 years. The committee was OK with this.

Additional Business:

There was no further business and the meeting adjourned at 6:37pm.

Minutes respectfully transcribed by
Marlys Young, Minute Taker, in-person



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

Agenda Item Number

New Business #1

Tracking Number

PW 2021-34

Agenda Item Summary Memo

Title: Selection of Committee Liaisons

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Selection of liaisons to the Park Board and Yorkville-Bristol Sanitary District.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-35

Agenda Item Summary Memo

Title: Meeting Dates

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Review of the remainder of 2021 meeting dates for the Public Works Committee.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



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

2021 MEETING SCHEDULE

This meeting schedule is subject to revision. Upon revision, all entities that have lodged a request for the meeting schedule will be sent the updated/revised schedule.

City Council Meeting		2nd & 4th Tuesday – 7:00 pm at City Hall	
January 12 & 26		July 13 & 27	
February 9 & 23		August 10 & 24	
March 9 & 23		September 14 & 28	
April 13 & 27		October 12 & 26	
May 11 & 25		November 9 & 23	
June 8 & 22		December 14	
Administration Committee		3rd Wednesday – 6:00 pm at City Hall	
January 20		July 21	
February 17		August 18	
March 17		September 15	
April 21		October 20	
May 19		November 17	
June 16		December 15	
Economic Development Committee		1st Tuesday – 6:00 pm at City Hall	
January 5		July 6	
February 2		August 3	
March 2		September 7	
April 7* (Wednesday, due to election day)		October 5	
May 4		November 2	
June 1		December 7	
Public Safety Committee		1st Thursday bi-monthly – 6:00 pm at City Hall	
January 7		July 1	
March 4		September 2	
May 6		November 4	

Public Works Committee	3rd Tuesday – 6:00 pm at City Hall
January 19	July 20
February 16	August 17
March 16	September 21
April 20	October 19
May 18	November 16
June 15	December 21
Fire and Police Commission	Quarterly, 3rd Tuesday - 6:00 pm at Police Dept.
January 19	July 20
April 20	October 19
Library Board Meeting	2nd Monday - 7:00 pm at Library
January 11	July 12
February 8	August 9
March 8	September 13
April 12	October 11
May 10	November 8
June 14	December 13
Park Board	3rd Thursday bi-monthly – 6:00 pm at Parks Maintenance Bldg – 185 Wolf Street
January 21	July 15
March 18	September 16
May 20	November 18
Planning and Zoning Commission	2nd Wednesday - 7:00 pm at City Hall
January 13	July 14
February 10	August 11
March 10	September 8
April 14	October 13
May 12	November 10
June 9	December 8
Police Pension Fund Board	Quarterly, 2nd Tuesday - 5:00 pm at Police Dept.
February 9	August 10
May 18* (3 rd Tuesday)	November 9



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 checked="" type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #3

Tracking Number

PW 2021-36

Agenda Item Summary Memo

Title: Supplemental MFT resolution for bulk rock salt

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Annual resolution appropriating MFT funds for the purchase of bulk rock salt.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Positive

Council Action Requested: 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
Date: May 3, 2021
Subject: Supplemental Resolution for Bulk Rock Salt

Summary

I am requesting approval of an MFT general maintenance resolution to allow the use of MFT funds to purchase bulk rock salt for the upcoming winter season.

Background

We typically use MFT funds to buy our bulk rock salt. In order to do that, we must approve a resolution that authorizes those certain MFT funds for this purchase.

This year, I have submitted our request electronically to the State's Central Management System for 1920 tons of salt. The electronic submission was in lieu of the normal contract that is signed and returned each year. By submitting the request we are now part of a much larger pool of other municipalities, townships, counties and other road districts. Our contract obligates us to take a minimum of 80% (1600 tons) of our submitted quantity and a maximum of 120% (2300 tons). The cost this year will be the exact same as last year, \$45.44 per ton. We are allowed to renew a contract one time for a one year period. The only downside is that you can only increase your tonnage by 20%. We currently have 1000 tons in storage in the KC Highway Dept. facility, and approximately 100 tons in our material storage shed. I feel that 2300 additional tons will be plenty of salt for our roads, and leave us some for the next season. In comparison, we used approximately 1600 tons this year.

We have used the State's CMS for our salt bids for many years. By combining all the governmental agencies into one bid, we are hopefully able to receive the best pricing.

Recommendation

I recommend approving the resolution authorizing the use of MFT funds to purchase bulk rock salt. This is budgeted for in the approved FY 22 budget in the MFT section.

I would ask that this be placed on the May 18, 2021 Public Works Committee agenda for discussion and direction.



**Resolution for Maintenance
Under the Illinois Highway Code**



Resolution Number	Resolution Type	Section Number
	Supplemental	21-00000-00-GM

BE IT RESOLVED, by the Council of the City of
Governing Body Type Local Public Agency Type
Yorkville Illinois that there is hereby appropriated the sum of
Name of Local Public Agency

One Hundred Five Thousand Dollars (\$105,000.00)

of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from
05/01/21 to 04/30/22
Beginning Date Ending Date

BE IT FURTHER RESOLVED, that only those operations as listed and described on the approved Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that City of Yorkville
Local Public Agency Type Name of Local Public Agency
 shall submit within three months after the end of the maintenance period as stated above, to the Department of Transportation, on forms available from the Department, a certified statement showing expenditures and the balances remaining in the funds authorized for expenditure by the Department under this appropriation, and

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I Lisa Pickering City Clerk in and for said City
Name of Clerk Local Public Agency Type Local Public Agency Type
 of Yorkville in the State of Illinois, and keeper of the records and files thereof, as
Name of Local Public Agency
 provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the

Council of Yorkville at a meeting held on _____
Governing Body Type Name of Local Public Agency Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____
Day Month, Year

(SEAL)

Clerk Signature

APPROVED

Regional Engineer
Department of Transportation

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Instructions for BLR 14220

This form shall be used when a Local Public Agency (LPA) wants to perform maintenance operations using Motor Fuel Tax (MFT) funds. Refer to Chapter 14 of the Bureau of Local Roads and Streets Manual (BLRS Manual) for more detailed information. This form is to be used by a Municipality or a County. Road Districts will use BLR 14221. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Resolution Number	Insert the resolution number as assigned by the LPA, if applicable.
Resolution Type	From the drop down box, choose the type of resolution: -Original would be used when passing a resolution for the first time for this project. -Supplemental would be used when passing a resolution increasing appropriation above previously passed resolutions. -Amended would be used when a previously passed resolution is being amended.
Section Number	Insert the section number of the improvement covered by the resolution.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council or President and Board of Trustees for a City, Village or Town.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Resolution Amount	Insert the dollar value of the resolution for maintenance to be paid for with MFT funds in words, followed by the same amount in numerical format in the ().
Beginning Date	Insert the beginning date of the maintenance period. Maintenance periods must be a 12 or 24 month consecutive period.
Ending Date	Insert the ending date of the maintenance period.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Name of Clerk	Insert the name of the LPA Clerk.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council or President and Board of Trustees for a City, Village or Town.
Name of LPA	Insert the name of the LPA.
Date	Insert the date of the meeting.
Day	Insert the day the Clerk signed the document.
Month, Year	Insert the month and year of the clerk's signature.
Clerk Signature	Clerk shall sign here.
Approved	The Department of Transportation representative shall sign and date here upon approval.

Three (3) certified signed originals must be submitted to the Regional Engineer's District office. Following IDOT's approval, distribution will be as follows:

Local Public Agency Clerk
Engineer (Municipal, Consultant or County)
District



Estimate of Maintenance Costs

Submission Type **Supplemental**

Maintenance Period

Local Public Agency	County	Section Number	Beginning	Ending
City of Yorkville	Kendall	21-00000-00-GM	05/01/21	04/30/22

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
Snow Removal	IIA		Bulk Rock Salt	ton	1,920	\$45.44	\$87,244.80	\$87,244.80
Total Operation Cost								\$87,244.80

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor				
Local Public Agency Equipment				
Materials/Contracts(Non Bid Items)				
Materials/Deliver & Install/Materials Quotations (Bid Items)				
Formal Contract (Bid Items)				
Maintenance Total				

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering				
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering				
Maintenance Engineering Total				
Total Estimated Maintenance				

Remarks

SUBMITTED

Local Public Agency Official

Date

Title

Director of Public Works

County Engineer/Superintendent of Highways

Date

APPROVED

Regional Engineer

Department of Transportation

Date

Instructions for BLR 14222 - Page 1 of 4

NOTE: Form instructions should not be included when the form is submitted

This form is used by all Local Public Agencies (LPAs) to submit their maintenance program and also submit their maintenance expenditure statements. A resolution (BLR 14220) must be submitted and approved by the Illinois Department of Transportation (IDOT) prior to incurring any expenditures. For items required to be bid the estimate of cost must be submitted prior to submittal of required bidding documents. Authorizations will be made based on the resolution and/or the approved contract/acceptance/material quotations documents.

The maintenance expenditure statement must be submitted within 3 months of the end of the maintenance period. Maintenance resolutions and estimates submitted for future maintenance periods after that date will not be processed until the delinquent maintenance expenditure statement has been submitted. Only one form needs to be completed per maintenance period, combine all operations on one form.

For additional information refer to the Bureau of Local Roads Manual (BLRS), Chapter 14. For signature requirements refer to Chapter 2, section 3.05(b) of the BLRS Manual.

For items being completed for the estimate all materials, equipment, labor and contract amounts are considered estimates. For estimates where LPA equipment is completed, an Equipment Rental Schedule (BLR 12110) must also be submitted for approval. When completing the form for the Maintenance Expenditure all items must be actual amounts spent.

Maintenance — From the drop down choose which type of document is being submitted. Choose Estimate of Cost if an estimate is being submitted, choose Maintenance Expenditure Statement if a maintenance expenditure statement is being submitted

Submittal — Choose the type of submittal, if this is the first submittal choose original, if revising a previous submittal choose, revised. If adding to a previous submittal choose supplemental.

Local Public Agency — Insert the name of the Local Public Agency.

County — Insert the County in which the Local Public Agency is located.

Maintenance Period

Beginning — Insert the beginning date of the maintenance period.

Ending — Insert the ending date of the maintenance period.

Section — Insert the section number assigned to this project. The letters at the end of the section number will always be a "GM".

Maintenance Operations — List each maintenance operation separately

Maintenance Eng. Category — From the drop down choose the maintenance engineering category as it applies to the operation listed to the left. The definitions of the categories can be found in the BLRS Manual Chapter 14, section 14-2.04

Maintenance Engineering Categories are:

Category I — Services purchased without a proposal such as electric energy or materials purchased from Central Management Services' Joint Purchasing Program or another joint purchasing program that has been approved by the District BLRS or CBLRS.

Category II-A — Maintenance items that are not included in Maintenance Engineering Category I or do not require competitive sealed bids according to Section 12-1.02(a) or a local ordinance/resolution.

Category II-B — Routine maintenance items that require competitive sealed bids according to Section 12-1.02(a) or a local ordinance/resolution. Routine maintenance includes all items in the following work categories: snow removal, street sweeping, lighting and traffic signal maintenance, cleaning ditches or drainage structures, tree trimming or removal, mowing, crack sealing, pavement marking, shoulder maintenance limited amounts of concrete curb and gutter repair, scour mitigation, pavement patching, and minor drainage repairs.

Category III — Maintenance items that are not covered by Maintenance Engineering Category I or Category II-B and require competitive bidding with a material proposal, a deliver and install proposal or material quotation.

Category IV — Maintenance items that are not covered by Maintenance Engineering Category I or Category II-B and require competitive bidding with a formal contract proposal.

Instructions for BLR 14222 - Page 2 of 4

The instructions listed below only apply to the maintenance estimate of cost. For LPA's using Local Public Agency Labor and/or Local Public Agency Equipment Rental, the estimated amounts are only listed on those specific lines and are not to be included with each operation on the estimate of cost.

Insp Req — From the drop down choose No or Yes as it applies to the maintenance operation listed to the left. Items requiring no engineering inspection should be no.

Material Categories/Point of Delivery or Work Performed by an Outside Contractor — List the items for each operation on a separate line, grouping items for the same operation together, for the operation listed to the left. If work being done as a contract list work by contractor.

Unit — Insert the unit of measure for the material listed to the left, if applicable.

Quantity — Insert the quantity for the material listed to the left, if applicable.

Unit Cost — Insert the unit cost of the material listed to the left, if applicable.

Cost — No entry necessary, this is a calculated field. This is the quantity times the unit cost.

Total Maintenance Operation Cost — Insert the total of the Maintenance Operation Cost, for items done by a contract insert the estimated contract amount.

Maintenance

Estimate of Maintenance Costs Summary — Under each item listed below, list the amount of estimated MFT funds, Rebuild Illinois (RBI) funds and local funds to be expended, if applicable. The total Estimated cost is a calculated field.

Local Public Agency Labor — Insert the estimated amount for LPA labor for all maintenance operations, if applicable.

Local Public Agency Equipment Rental — Insert the estimated amount for LPA equipment rental for all maintenance operations, if applicable.

Materials/Contracts (Non Bid Items) — Insert the estimated amount for materials and/or contracts for items the LPA is not required to bid, if applicable.

Materials/Deliver & Install, Material Quotations — For the operation listed to the left insert the estimate amount to be expended using a bidding process for material/deliver & install proposal and/or material quotations, if applicable.

Formal Contracts — Insert the total amount estimated to be expended on formal contracts. This will be for items required to be bid.

Total Estimated Cost — This is a calculated field and will be automatically filled in for each type. This is the sum of all funding for the item.

Total Maintenance Operation Cost — This is a calculated field, no entry is necessary. This is the sum of all items estimated to be expended on this operation.

Total Maintenance Cost — This is a calculated field, no entry is necessary. This is the sum of all maintenance operation costs.

Maintenance Engineering Cost Summary — For each item listed below, list under the funding type what the estimated amount to be expended for each item.

Preliminary Engineering Fee — Insert the amount of funds estimated to be expended for Preliminary Engineering, if applicable.

Engineering Inspection Fee — Insert the amount of funds estimated to be expended for Engineering Inspection, if applicable.

Material Testing Costs — Insert the dollar amount of funds estimated to be expended on material testing costs, if applicable.

Instructions for BLR 14222 - Page 3 of 4

Advertising Costs — Insert the amount of funds estimated to be expended on advertising costs, if applicable.

Bridge Inspection Costs — Insert the amount of funds estimated to be expended on bridge inspection costs, if applicable.

Total Maintenance Engineering — This is a calculated field, no entry is necessary. This is the sum of all maintenance engineering costs listed above.

Totals — This is a calculated field. It is the total of the estimated maintenance cost plus the estimated maintenance engineering cost.

These instructions apply to the Maintenance Expenditure Statement.

Maintenance Operation — Type in the name of the maintenance operation for which the amounts to the right will be completed. For a form that was completed as an Estimate of Cost and is now being changed to a Maintenance Expenditure Statement, this field will be completed from the estimate.

Maint Eng Category — From the drop down select the Maintenance Engineering Category that applies to the operation listed to the left.

LPA Labor — For the operation listed to the left insert the amount expended for LPA labor, if applicable.

LPA Equipment Rental — For the operation listed to the left insert the amount expended on LPA equipment rental if applicable.

Materials/Contracts (Non-Bid) — For the operation listed to the left insert the amount expended for materials and/or contracts that was not required to be bid, if applicable.

Materials/Deliver & Install/Material Quotations (Bid Items) — Insert the total amount expended on Materials Proposals, Deliver and Install proposals, Materials Quotations (Bid Items). This will be for items that were required to be bid.

Formal Contract — For the operation listed to the left insert the amount expended for items bid using the formal contract process, if applicable.

Total Operation Cost — This is a calculated field, it will sum the amounts expended for the operation listed to the left.

Operation Engineering Inspection Fee — For the operation listed to the left insert the amount of engineering inspection charged for this operation, if applicable.

Total Maintenance — This is a calculated field, no entry necessary. It is the sum of all maintenance operations.

Maintenance Engineering Cost Summary Preliminary Engineering Fee — Insert the dollar amount of funds spent on preliminary engineering for this maintenance section.

Engineering Inspection Fee — Insert the amount of funds expended for Engineering Inspection, if applicable.

Material Testing Costs — Insert the dollar amount of funds spent on material testing costs, if applicable.

Advertising Costs — Insert the dollar amount of funds spent on advertising costs, if applicable.

Bridge Inspection Costs — Insert the dollar amount of funds spent on bridge inspection costs, if applicable.

Total Maintenance Engineering — This is a calculated field, no entry is necessary. This is the sum of all maintenance engineering costs listed above.

Total Maintenance Program Costs — Insert the total cost of the Maintenance and Maint. Engineering. The maintenance amount will be the amount from the Total Cost from the Maintenance Items table. The Maint. Eng will be the Maintenance Engineering Total from above.

Instructions for BLR 14222 - Page 4 of 4

Contributions, Refunds, Paid with Other Funds — Enter the dollar amount of contributions, refunds or amounts paid with other funds for this maintenance section, if applicable, for both maintenance and maintenance engineering.

Total Motor Fuel Tax/Rebuild Illinois Portion — These are calculated fields, no entry is necessary. This is the sum of the total cost minus the amount paid with local funds.

Motor Fuel Tax Portion — Insert the amount of the total cost that was paid for with Motor Fuel Tax funds for Maintenance and Maint. Engineering, as applicable.

Motor Fuel Tax Funds Authorized — Insert the net amount of Motor Fuel Tax Funds authorized for each type.

Motor Fuel Tax Surplus/Deficit — These are calculated fields, no entry is necessary. This is the sum of the Total Motor Fuel Tax funds expended minus the amount of Motor Fuel Tax funds authorized. A positive number will result in a credit to the unobligated fund of the Motor Fuel Tax fund. A negative number means more funds were spent than authorized. If the negative number has a resolution to cover the overage, the item(s) that resulted in the overage have been approved by IDOT, and are covered in the overrun policy, this amount will be authorized. If these conditions are not met you must contact your District office for guidance.

Rebuild Illinois Portion — Insert the amount of the total cost that was paid for with Rebuild Illinois funds for Maintenance and Maint. Engineering, as applicable.

Rebuild Illinois Funds Authorized — Insert the net amount of Rebuild Illinois Funds authorized for each type.

Rebuild Illinois Surplus/Deficit — These are calculated fields, no entry is necessary. This is the sum of the Total Rebuild Illinois funds expended minus the amount of Rebuild Illinois funds authorized. A positive number will result in a credit to the unobligated fund of the Motor Fuel Tax fund. A negative number means more funds were spent than authorized. If the negative number has a resolution to cover the overage, the item(s) that resulted in the overage have been approved by IDOT, and are covered in the overrun policy, this amount will be authorized. If these conditions are not met you must contact your District office for guidance.

Difference — No entry necessary, this field is automatically calculated. It is the difference between Total Motor Fuel Tax/Rebuild Illinois Portion for Maintenance and Maint. Engineering. The fields must equal zero; if not, review the amounts inserted under Motor Fuel Tax and Rebuild Illinois need to be corrected.

Remarks — Enter remarks as applicable covering the items entered.

Certification — Upon submittal of this form as the maintenance expenditure statement the LPA official shall check this box as certification.

End of instructions for Maintenance Expenditure Statement

Submitted

Local Public Agency Official — The proper official shall sign, insert their title and date here. For Estimates of Cost covering a Township/Road District the road commissioner shall sign and date as Local Public Agency Official. For Municipalities the municipal official shall sign and date here.

County Engineer/Superintendent of Highways — For County project and/or Township/Road District projects the county engineer/superintendent of highways shall sign here.

Approved — Upon approval the Regional Engineer shall sign and date here. This approval is subject to change based upon a documentation review by the Department.

A minimum of three (3) signed originals must be submitted to the Regional Engineer's District office. Following the Regional Engineer's approval, distribution will be as follows:

Local Public Agency Clerk
Engineer (Consultant or County Engineer)
District File

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
ROCK SALT

Effective August 1, 1969
Revised January 1, 2002

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

Description. This item shall consist of furnishing rock salt (sodium chloride) in bins or stockpiles at location designated in the Proposal.

Materials. Material shall meet the requirements of Article 1013.02 except that the gradation shall be as follows:

Passing 12.5 mm (1/2 inch) sieve	100 %
Passing 9.5 mm (3/8 inch) sieve	95 - 100 %
Passing 4.75 mm (No. 4) sieve	20 - 90 %
Passing 2.36 mm (No. 8) sieve	10 - 60 %
Passing 600 μ m (No. 30) sieve	0 - 10 %

The Department reserves the right to reject any shipments of rock salt which are delivered in a frozen or caked condition or which contain free water.

The Department reserves the right to accept delivery of Rock Salt which, according to analysis by the Department, has a sodium chloride (NaCl) content of less than 96.0 %, but is not less than 90.0 %. Material with less than 90.0 % sodium chloride will be rejected. When such exceptions are allowed, payment will be adjusted.

Method of Measurement. Rock salt will be measured by the metric ton (ton).

Basis of Payment. This work will be paid for at the contract unit price per metric ton (ton) for furnishing and transporting ROCK SALT based on the sodium chloride content. Payment will be in accordance with the following schedule:

- NaCl Content 96.0% to 100.0% Net Bid price per ton.
- NaCl Content 95.0% to 95.9% Bid price less \$0.50 per metric ton (ton).
- NaCl Content 94.0% to 94.9% Bid price less \$2.00 per metric ton (ton).
- NaCl Content 90.0% to 93.9% Bid price less \$4.00 per metric ton (ton).



Reviewed By:	
Legal	<input checked="" 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 checked="" type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #4

Tracking Number

PW 2021-37

Agenda Item Summary Memo

Title: Elizabeth St. Water Main Easement

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Proposed easement agreement with homeowner on Elizabeth St.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Positive

Council Action Requested: 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
Date: April 12, 2021
Subject: Elizabeth St. Easement

Summary

The city needs an easement on the west end of the Elizabeth St. water main replacement project. The owners would like in kind replacement of current landscaping and hardscaping along with certain considerations instead of a cash payment. The proposal is outlined below.

Background

When the water main was installed on Elizabeth St. in the early 1960's, there was no easement granted on the westerly end of the subdivision where the water main runs between two lot lines to the far west end of the subdivision. In order to install new water main, we will need an easement from the current owners, Dave and Mechelle Kruse. I worked with the Kruse's last year to start this process until the project was shelved due to the pandemic. Now that the project is moving forward again, we need to complete this process to secure an easement.

Typically, the city offers up to \$2.00/sf for easements. In this case, the area of the easement is proposed at 5772 sf or the equivalent of \$11,544. In lieu of cash payment, the Kruse's would like the following considerations for the easement:

- Replacement of 10 large burning bushes near driveway
- Replacement of 40 large burning bushes along southern property line
- Replacement of 6 French hybrid lilacs or 6 LA Dreamin Hydrangea bushes (whichever is available)
- Any plants that are moved or damaged on the west property line will be replaced in kind.
- 10 car washes
- Replacement mailbox
- Replacement Flagpole
- Entire driveway resealed after pavement patching to create the same look that is there now.
- 10 Yards of Mulch for homeowner to match new mulch in existing beds

The estimated cost for these considerations is between \$10,000-\$12,000 which is right in line with what the easement would cost us in cash.

The project removes, alters, damages, or destroys all the items that were asked for in the above considerations with the exception of the extra mulch. The owners are not asking for anything additional than what is already there.

Recommendation

I recommend that we approve the considerations in exchange for the easement as described in Attachment A.

I also recommend that we obtain quotes from landscape companies to perform this work separately from the water main replacement contract. This is a much more involved job than the rest of the project and should be performed by a professional landscaping company.

I would ask that this be placed on the May 18th, 2021 public works committee meeting for discussion and direction.

**ELIZABETH STREET
WATER MAIN
EASEMENT AGREEMENT**

STATE OF ILLINOIS)
) ss.
COUNTY OF KENDALL)

Above Space for Recorder=s Use Only

This Easement Agreement (the “*Agreement*”) is entered into this _____ day of _____, 2021 by and between the United City of Yorkville, Kendall County, Illinois (the “*City*”) and David S. Kruse and Mechelle Kruse (collectively, the “*Grantor*”).

RECITALS:

A. The Grantor is the owner of the property commonly known as 225 Elizabeth Street, Yorkville, Illinois (the “*Subject Property*”).

B. The City owns a water main which is located along the southern boundary of the Subject Property which was installed in the early 1960’s; however, an easement for this water main was never conveyed to the City.

C. The City has determined that the water main located on the Subject Property must be replaced and has requested the Grantor to grant an easement to the City on the Subject Property as depicted on the Grant of Easement dated March 12, 2020, prepared by Engineering Enterprises, Inc, attached hereto and made a part hereof (the “*Plat of Easement*”).

D. The Grantor is prepared to convey the easement to the City as requested pursuant to the terms and conditions as hereinafter set forth.

NOW, THEREFORE, for and in consideration of the good and valuable consideration hereinafter set forth and the mutual and the mutual covenants contained in this Agreement, the sufficiency of which is hereby acknowledged, the Grantor and the City agree as follows:

1. Grantor hereby gives, grants, bargains, sells and conveys to the City the perpetual, non-exclusive and irrevocable easement (the “*Easement*”) as legally described and depicted on the Plat of Easement to design, construct, install, reconstruct, maintain,

repair, remove, replace, inspect the water main now located within the Easement including the right of access across the Subject Property to perform any of the work.

2. The City agrees to provide the Grantor the following materials and services as consideration for the grant of the Easement upon completion of the installation of the water main at the Subject Property, when and as permitted by weather conditions:
 - Replacement of the existing ten (10) large burning bushes near driveway on the Subject Property;
 - Replacement of the existing forty (40) large burning bushes along southern property line of the Subject Property;
 - Planting of six (6) French hybrid lilacs or six (6) L.A. Dreamin Hydrangea bushes (whichever is available) to be placed on the Subject Property as directed by the Grantor;
 - Any plants that are moved or damaged on the west property line of the Subject Property will be replaced in kind;
 - 10 car washes;
 - Replacement of the mailbox serving the Subject Property;
 - Replacement of the Flagpole on the Subject Property; and,
 - Entire driveway resealed after pavement patching to create the same look that is there now.
 - Ten (10)yards of mulch, color to match existing mulch.
3. Grantor shall not construct or permit the construction of any structure or construction in the Easement including but not limited to, any building, masonry, wall, or curb that would in any manner interfere with the use of the Easement by the City.
4. City shall have the right to cut, trim or remove any trees, shrubs or other plants located within the Easement to the extent any of the foregoing unreasonably interferes with the use of the Easement.
5. The cost and expense of maintaining, altering, constructing, repairing, improving the Easement shall be paid solely by the City.
6. This Agreement and the Easement, rights and obligations, as set forth herein, shall run with the land and shall be binding upon and shall inure to the benefits of the parties, all of the record titleholders of the land their respective heirs, representatives, successors and assigns.
7. This Agreement constitutes the entire agreement between the parties with respect to the subject matter hereof.
8. Any modification of this Agreement shall be binding only if evidenced by a writing signed by each party hereto.

9. No provision of this Agreement may be waived except by a waiver signed by the party against whom the waiver is asserted.
10. If any provision of this Agreement shall be determined by a court of competent jurisdiction to be invalid or unenforceable, such determination shall not affect the other provisions of this Agreement, which shall be enforced to the full extent allowed by law.
11. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois, without regard to conflicts of law principles.
12. This Agreement may be executed in one or more counterparts, all of which taken together shall constitute but one document.

IN WITNESS WHEREOF, the City and Grantor have caused this Grant of Easement to be executed by their duly authorized officers effective the date and year hereinabove stated.

UNITED CITY OF YORKVILLE:

Mayor

Attest:

City Clerk

STATE OF ILLINOIS)
) SS
County of Kendall)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, do hereby certify that: John Purcell, personally known to me to be the Mayor of the United City of Yorkville, and, Beth Warren, personally known to me to be the City Clerk of said City, and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that as such Mayor and City Clerk, they signed and delivered the said instrument and caused the corporate seal of said municipal corporation to be affixed thereto, pursuant to authority given by the City Council of said municipal corporation, as their free and voluntary act, and as the free and voluntary act and deed of said municipal corporation, for the uses and purposes therein set forth.

Given under my hand and official seal, this _____ day of _____, 2021.

Notary Public

My Commission expires: _____

David S. Kruse Title: _____

Mechelle Kruse Title: _____

STATE OF ILLINOIS)
) SS
County of _____)

I, _____, a Notary Public in and for said County and State, do hereby
certify that _____ personally known to me to be the same
persons whose name is subscribed to the foregoing instrument as _____ the Grantor,
appeared before me this day in person and, being duly sworn, acknowledged that _____ signed,
sealed and delivered the said instrument as _____ free and voluntary act, for the uses and purposes
therein set forth, and that _____ was duly authorized to execute the said instrument.

Given under my hand and seal, this _____ day of _____, 2021.

Notary Public

My Commission expires: _____

This document prepared by:

Kathleen Field Orr
City Attorney
2024 Hickory Road
Suite 205
Homewood, Illinois 60430

CITY WATER MAIN EASEMENT PROVISIONS

THE UNITED CITY OF YORKVILLE, IT'S SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GIVEN EASEMENT RIGHTS TO ALL PLATTED EASEMENTS DESIGNATED "CITY WATER MAIN EASEMENT" SAID EASEMENTS SHALL BE USED SOLELY TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME UNDERGROUND FACILITIES AND APPURTENANCES USED IN CONNECTION WITH THE WATER MAIN SYSTEMS OF THE UNITED CITY OF YORKVILLE, TOGETHER WITH THE RIGHT OF ACCESS THERETO FOR THE PERSONNEL AND EQUIPMENT NECESSARY AND REQUIRED FOR SUCH USES AND PURPOSES. EXCEPT THAT THE EASEMENTS MAY BE GRADED AS SWALES TO RECEIVE LOCAL SURFACE DRAINAGE. NO PERMANENT BUILDING, STRUCTURES OR TREES SHALL BE PLACED ON SAID EASEMENT, BUT SAME MAY BE USED FOR GARDENS, SHRUBS, DRIVES, LANDSCAPING AND OTHER PURPOSES THAT DO NOT THEN OR LATER INTERFERE WITH THE AFORESAID USES OR RIGHTS HEREIN GRANTED.

FOLLOWING ANY WORK TO BE PERFORMED BY THE UNITED CITY OF YORKVILLE IN THE EXERCISE OF ITS EASEMENT RIGHTS GRANTED HEREIN, THE CITY SHALL RESTORE THE SURFACE OF THE PROPERTY TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO THE WORK, EXCEPT THAT ANY TREE REQUIRING REMOVAL WILL BE REPLACED WITH A 3-1/2" MINIMUM CALIPER TREE OF LIKE SPECIES.

CITY WATER MAIN EASEMENT LEGAL DESCRIPTION

PART OF LOT 20 IN HUGHES SUBDIVISION OF LOT 1 OF OWNERS PLAT OF PART OF THE SOUTHEAST 1/4 OF SECTION 32, TOWNSHIP 37 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 12 IN SAID HUGHES SUBDIVISION; THENCE NORTH 02 DEGREES 21 MINUTES 39 SECONDS WEST ALONG THE EAST LINE OF SAID LOT 20, A DISTANCE OF 30.00 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 87 DEGREES 45 MINUTES 31 SECONDS WEST, 289.26 FEET TO THE WEST LINE OF SAID LOT 20; THENCE NORTH 01 DEGREE 32 MINUTES 38 SECONDS EAST, ALONG SAID WEST LINE, 20.04 FEET; THENCE NORTH 87 DEGREES 45 MINUTES 31 SECONDS EAST, 287.89 FEET TO THE EAST LINE OF SAID LOT 20; THENCE SOUTH 02 DEGREES 21 MINUTES 39 SECONDS EAST, ALONG SAID EAST LINE, 20.00 FEET TO THE POINT OF BEGINNING.

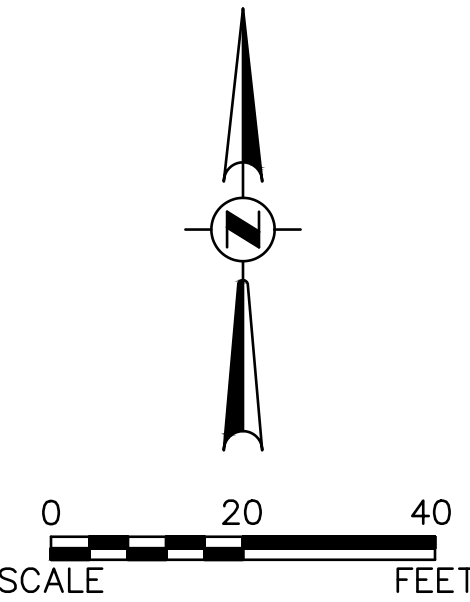
GRANT OF EASEMENT
TO THE
UNITED CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS

PART OF LOT 20 IN HUGHES SUBDIVISION OF LOT 1 OF OWNERS
PLAT OF PART OF THE SOUTHEAST 1/4 OF SECTION 32, TOWNSHIP
37 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN
(RECORDED MARCH 12, 1954 AS DOC. NO. 108119)
UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS

STATE OF ILLINOIS))S.S.
COUNTY OF KENDALL)
APPROVED AND ACCEPTED BY THE UNITED CITY OF YORKVILLE, ILLINOIS,
THIS _____ DAY OF _____, 2020.

BY: _____ MAYOR

ATTEST: _____ CITY CLERK



STATE OF ILLINOIS))S.S.
COUNTY OF KENDALL)

I, _____, CITY ENGINEER FOR THE UNITED
CITY OF YORKVILLE, DO HEREBY CERTIFY THAT THIS DOCUMENT IS APPROVED.

DATED AT YORKVILLE, ILLINOIS THIS _____ DAY OF _____, 2020.

CITY ENGINEER

STATE OF ILLINOIS))SS
COUNTY OF KENDALL)

THIS IS TO CERTIFY THAT DAVID S. AND MECHELLE M. KRUSE, ARE THE FEE SIMPLE OWNERS OF THE PROPERTY DESCRIBED HEREON, AND DOES HEREBY CONSENT TO THE EASEMENT DEPICTED HEREON AND THE EASEMENT PROVISIONS WHICH ARE STATED HEREON.

DATED AT _____, _____, THIS ____ DAY OF _____, 2020.

BY: _____ DAVID S. KRUSE _____ MECHELLE M. KRUSE

STATE OF ILLINOIS))SS
COUNTY OF KENDALL)

I, _____, A NOTARY PUBLIC IN AND FOR THE COUNTY AND STATE AFORESAID, DO
HEREBY CERTIFY THAT DAVID S. AND MECHELLE M. KRUSE, PERSONALLY KNOWN TO ME TO BE THE SAME
PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN
PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE FOREGOING INSTRUMENT AS THEIR OWN
FREE AND VOLUNTARY ACT, FOR THE USES AND PURPOSES THEREIN SET FORTH.
GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, 2020.

NOTARY PUBLIC

MY COMMISSION EXPIRES _____

STATE OF ILLINOIS))SS
COUNTY OF KANE)

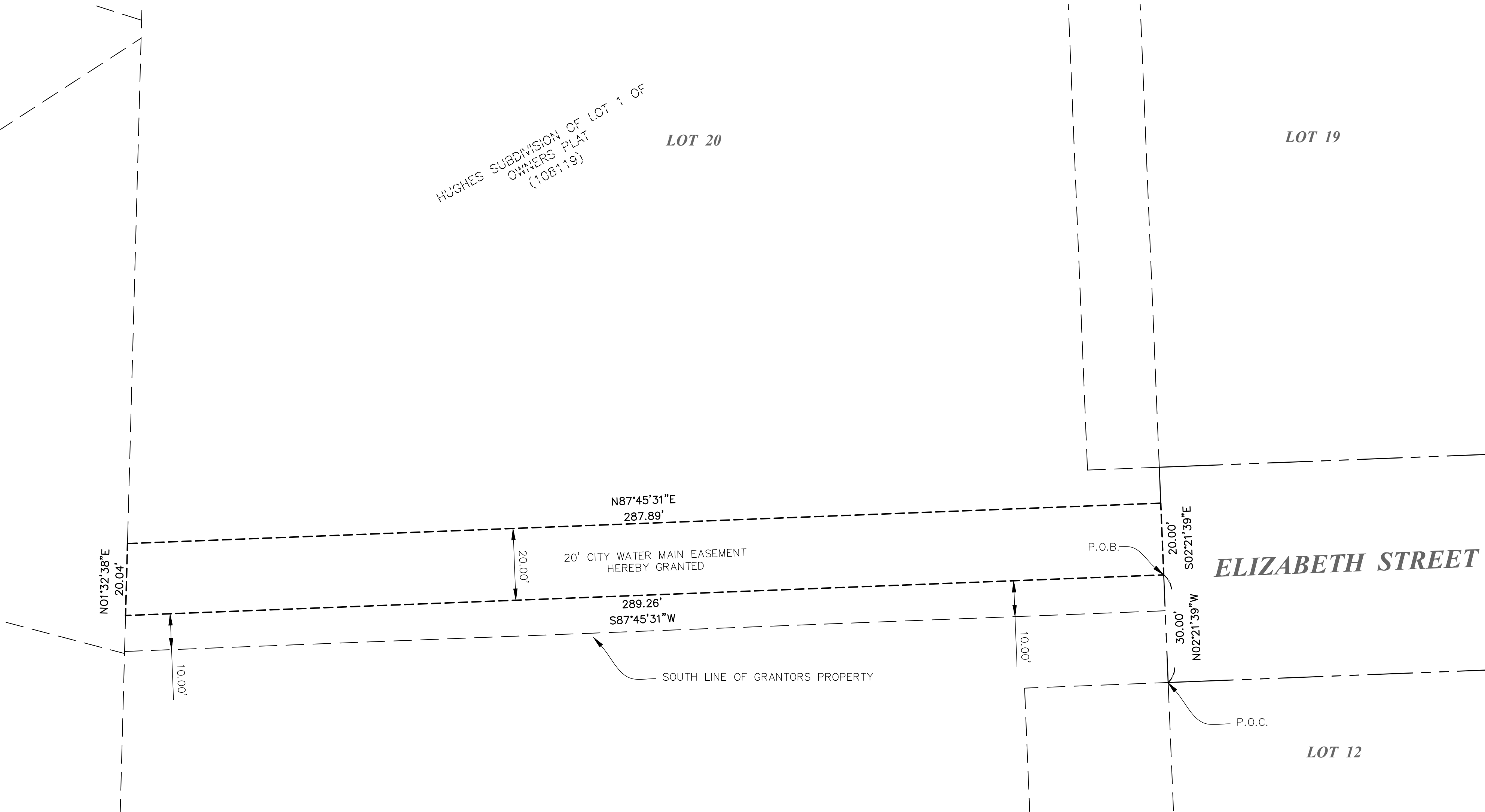
THIS IS TO CERTIFY THAT I, THE UNDERSIGNED, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED
THE ABOVE DESCRIBED PARCEL AND THAT THIS PLAT WAS PREPARED FOR THE PURPOSE OF GRANTING
EASEMENTS FOR THE PURPOSES STATED HEREON, AND THAT THIS GRANT OF EASEMENT ACCURATELY DEPICTS
SAID PROPERTY.

GIVEN UNDER MY HAND AND SEAL THIS 12th DAY OF MARCH, 2020.

BY: _____
MARK G. SCHELLER
PROFESSIONAL LAND SURVEYOR #35581
(EXPIRES 11-30-20)



ENGINEERING ENTERPRISES, INC.
PROFESSIONAL DESIGN FIRM #184-002003
(EXPIRES 04/30/21)



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

UNITED CITY OF YORKVILLE
800 GAME FARM ROAD
YORKVILLE , IL 60560

GRANT OF EASEMENT

DATE: MARCH 12, 2020
PROJECT NO. Y01913
FILE NO Y01913-EASE



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-38

Agenda Item Summary Memo

Title: Beaver Street Pump Station Improvements

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Beaver Street Pump Station Improvements – Recommendation to Award

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Contract Award

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
Lisa Pickering, City Clerk
Rob Fredrickson, Finance Director

Date: April 16, 2021
Subject: Beaver Street Pump Station Improvements

Bids were received, opened and tabulated for work to be done on the Beaver Street Pump Station Improvements at 10:00 a.m., April 16, 2021. Representatives of contractor bidding the project, the City, and our firm were in attendance. A tabulation of the bids and the engineer's estimate is attached for your information and record. The low bid was below our engineer's estimate and within the FY2022 budget.

This project was advertised and bid in accordance with the City's standards. However, due to the specialized scope of this project only one contractor submitted a bid. While it is unfortunate that there was only one bidder, EEI and the Village have a very positive history of working with the bidder, Frank Marshall Electric Midwest, LLC (FME). EEI has worked with FME on multiple projects, and every project was completed on time and under budget. We recommend the acceptance of the bid and approval of award be made to the low bidder, Frank Marshall Electric Midwest, LLC, 1043 Oliver Avenue, Aurora, IL 60506, in the amount of **\$272,244.00.**

If you have any questions or require additional information, please let us know.

A RESOLUTION OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS, AUTHORIZING ACCEPTANCE OF A BID FROM FRANK MARSHALL ELECTRIC MIDWEST, LLC, AURORA, ILLINOIS FOR THE BEAVER STREET PUMP STATION IMPROVEMENTS IN THE AMOUNT NOT TO EXCEED \$272,244.00.

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

WHEREAS, the City solicited bids for work to be done on the Beaver Street Pump Station Improvements in accordance with the competitive purchasing process as required by City Code and the Illinois Procurement Code (30 ILCS 500 *et seq.*); and

WHEREAS, based upon a review of the bids and a determination as to the qualifications of the bidders, it is recommended that the Base Bid in the amount of \$272,244.00 from Frank Marshall Electric Midwest, LLC, Aurora, Illinois, be accepted to perform the work for the Beaver Street Pump Station Improvements for the City.

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

Section 1. That the bid submitted by Frank Marshall Electric Midwest, LLC, Aurora, Illinois, is hereby accepted in an amount not to exceed \$272,244.00; and, the Mayor and City Clerk are hereby authorized and directed on behalf of the United City of Yorkville to execute a contract containing the terms of the request for bid submitted by Frank Marshall Electric Midwest, LLC, Aurora, Illinois, and to undertake any and all actions as may be required to implement the terms of the contract.

Section 2. That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

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

CITY CLERK

KEN KOCH _____

DAN TRANSIER _____

JACKIE MILSCHEWSKI _____

ARDEN JOE PLOCHER _____

CHRIS FUNKHOUSER _____

MATT MAREK _____

SEAVER TARULIS _____

JASON PETERSON _____

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

MAYOR

Attest:

CITY CLERK

BID TABULATION

BEAVER STREET PUMP STATION IMPROVEMENTS

UNITED CITY OF YORKVILLE

		BID TABULATION BIDS RECD 4/16/2021		FRANK MARSHALL ELECTRIC 1043 Oliver Avenue Aurora, IL 60506		ENGINEER'S ESTIMATE 52 Wheeler Road Sugar Grove, IL 60554	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	MOBILIZATION, INCLUDING PERFORMANCE AND PAYMENT BONDS	LSUM	1.0	\$ 8,173.00	\$ 8,173.00	\$ 5,000.00	\$ 5,000.00
2	FURNISH AND INSTALL A NEW DIESEL GENERATOR WITH SOUND ATTENUATED ENCLOSURE, SUBBASE FUEL TANK AND AUTOMATIC TRANSFER SWITCH, INCLUDING BUT NOT LIMITED TO, ELECTRICAL, CONTROLS, PROGRAMMING, STARTUP/TESTING, GENERATOR FOUNDATION, EXCAVATION, BACKFILL, SITE RESTORATION, AND APPURTENANCES IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS	LSUM	1.0	\$ 95,282.00	\$ 95,282.00	\$ 94,625.00	\$ 94,625.00
3	FURNISH AND INSTALL NEW VARIABLE FREQUENCY DRIVES, INCLUDING BUT NOT LIMITED TO, REMOVAL AND DISPOSAL OF EXISTING PUMP STARTER AND CONTROLS, ELECTRICAL AND CONTROL IMPROVEMENTS, STARTUP/TESTING, PROGRAMMING AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS	LSUM	1.0	\$ 48,748.00	\$ 48,748.00	\$ 47,500.00	\$ 47,500.00
4	FURNISH AND INSTALL A NEW FLOWMETER, INCLUDING BUT NOT LIMITED TO, ELECTRICAL, CONTROLS, PROGRAMMING, STARTUP/TESTING, AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS	LSUM	1.0	\$ 6,970.00	\$ 6,970.00	\$ 6,750.00	\$ 6,750.00
5	FURNISH AND INSTALL A NEW SCADA PANEL, INCLUDING BUT NOT LIMITED TO, REMOVAL AND DISPOSAL OF EXISTING SCADA PANEL AND CONTROLS, ELECTRICAL AND CONTROL IMPROVEMENTS, PROGRAMMING, STARTUP/TESTING, AND APPURTENANCES IN ACCORDANCE WITH SPECIFICATIONS AND DRAWINGS	LSUM	1.0	\$ 31,279.00	\$ 31,279.00	\$ 10,300.00	\$ 10,300.00
6	FURNISH AND INSTALL A NEW ELECTRICAL ENCLOSURE, INCLUDING BUT NOT LIMITED TO, REMOVAL AND DISPOSAL OF EXISTING ELECTRICAL GEAR AND APPURTENANCES, MODIFICATIONS TO THE ELECTRICAL SERVICE, ELECTRICAL, PROGRAMMING, CONTROLS, STARTUP/TESTING, COORDINATION WITH COMED, CONCRETE FOUNDATION, EXCAVATION, BACKFILL, SITE RESTORATION, AND APPURTENANCES IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS	LSUM	1.0	\$ 71,792.00	\$ 71,792.00	\$ 148,556.25	\$ 148,556.25
7	ITEMS ORDERED BY THE ENGINEER	LSUM	1.0	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
	TOTAL BID				272,244.00		322,731.25

% BELOW/ABOVE ENGINEER'S ESTIMATE

-15.64%



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-39

Agenda Item Summary Memo

Title: 2020 Striping Program

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Recommendation to Approve Request for Change in Plans and Final Payment

Estimate.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval of Request for Change in Plans and Final Payment

Estimate.

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
Rob Fredrickson, Finance Director
Lisa Pickering, City Clerk

Date: May 6, 2021
Subject: 2020 Striping Program

The 2020 Striping Program was awarded to Precision Pavement Markings, Inc, Pingree Grove, Illinois 60140 at total awarded value of \$28,768.54. The project is now complete and accepted. The project came in \$3,769.15 under budget for a Final Construction Cost of \$24,999.39. Due to the use of Motor Fuel Tax Funds, the Request for Change in Plans and Engineer's Final Payment Estimate need to be approved by IDOT before final payment can be made.

We recommend City Approval of the Request for Change in Plans and Engineer's Final Payment Estimate.

If you have any questions or require additional information, please let us know.



Local Public Agency	County	Route	Section Number
United City of Yorkville	Kendall	Various Local Roads	20-00000-01-GM
Request Number	Contractor		
1	Precision Pavement Markings, Inc.		
Address		City	State Zip Code
1220 Bell Court		Pingree Grove	IL 60140
Date			

I recommend that this Deduction be made from the above contract.

The estimated quantities are shown below and the contractor agrees to furnish the materials and do the work at the unit prices.

Item Description	Unit of Measure	Quantity	Unit Price	Addition (A) or Deduction (D)	Total Addition	Total Deduction
POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	47	\$8.000	D	\$0.00	\$376.00
POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	310	\$1.330	A	\$412.30	\$0.00
POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	451	\$1.950	D	\$0.00	\$879.45
POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	860	\$2.700	D	\$0.00	\$2,322.00
POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	13	\$4.000	A	\$52.00	\$0.00
POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	82	\$8.000	D	\$0.00	\$656.00
					\$0.00	\$0.00
					\$0.00	\$0.00
Total Changes					\$464.30	\$4,233.45

Add Row

Total Net Change	(\$3,769.15)
Amount of Original Contract	\$28,768.54
Amount of Previous Change Orders	\$0.00
Amount of adjusted/final contract	\$24,999.39

Total net deduction to date (\$3,769.15) which is -13.1% of the contract price.

State fully the nature and reason for the change

Changes per as-built quantities measured in the field

When the net increase or decrease in the cost of the contract is \$10,000.00 or more, or the time of completion is increased or decreased by 30 days or more, one of the following statements must be checked:

- ☐ The Local Public Agency has determined that the circumstances which necessitate this change were not reasonably foreseeable at the time the contract was signed.
- ☐ The Local Public Agency has determined that the change is germane to the original contract is signed.
- ☐ The Local Public Agency has determined that this change is in the best interest of the Local Public Agency and is authorized by law.

Prepared By	Title of Preparer
Nadia L. Schweisthal	Senior Project Engineer I

Submitted/Approved

Local Public Agency	Date
BY:	
Title: Mayor	

For a Road District project County Engineer signature required.

County Engineer/Superintendent of Highways	Date

Approved:
Illinois Department of Transportation

Regional Engineer	Date

Instructions for BLR 13210

Form Instructions are not to be submitted with the form.

This form shall be used for any contract, day labor construction, or contract maintenance projects to document any differences between plan quantities and completed quantities. Refer to Chapter 13 of the Bureau of Local Roads and Streets Manual for more information. For signature requirements, refer to Chapter 2, Section 3.05(b) of the BLRS Manual. When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated. An agreed unit price letter must be submitted as an attachment to this form for any new pay items. For any force account work a copy of the billing(s) must also be attached to this form when submitted.

Local Public Agency	Insert the name of the Local Public Agency (LPA).
County	Insert the name of the County where the LPA is located.
Route	Insert the name of the route on which the project is located.
Section Number	Insert the section number for this project without dashes, they are automatically inserted.
Request No.	Insert the number applicable to the number of times this form has been submitted for this section.
Final	Check the box if this is the final request for approval of change in plans for this contract.
Contractor Name	Insert the name of the contractor.
Contractor Address	Insert the address of the contractor.
Date	Insert the date of the request.
Addition, Extension, Deduction	Insert addition, extension, deduction as it applies to the total of the request for change in plans being submitted.
Item Description	Insert the description of the item for the change request submittal.
Unit of Measure	Insert the unit of measure for the item listed to the left.
Quantity	Insert the quantity of the change for the item listed to the left.
Unit Price	Insert the unit price for the item listed to the left.
Addition or Deduction	Insert "A" if the item listed to the left is an increase to the original contract, insert "D" if the item listed to the left is a decrease to the original contract.
Total Addition	This is the sum of all additions listed.
Total Deduction	This is the sum of all deductions listed.
Total Changes	This is the difference between the sum of all additions listed and the sum of all deductions listed.
Total Net Change	This is automatically calculated. It is the difference between the total additions and total deductions.
Amount of Original Contract	Insert the amount of the original contract.
Amount of Previous Change Orders	Insert the total amount of previous change orders if applicable.
Amount of adjusted/final contract	This is the amount of the original contract with all additions and deductions taken into account.
addition, deduction	Insert the addition if the amount of adjusted/final contract is more than the awarded contract. If the adjusted/final contract is less than the original award insert deduction. The amount of the total changes to date to this contract, and the percentages of the changes to the original contract calculated from the original contract price and the total changes.
Statement	Insert a statement regarding the change(s) to the contract, stating the fully the nature and reason for the change.
Net Increase/Decrease	When the net increase or decrease in the cost of the contract is \$10,000 or more, or the time of completion is increased or decreased by 30 days or more, check one or more of the statements following.
Prepared by	Insert the name of the preparer.
Title of the Preparer	Insert the title of the preparer.
Local Public Agency	The LPA shall sign and date here.
Title	Insert the title of the person signing above.
County Engineer	For County and Road District Projects and County Engineer shall sign and date here.
Regional Engineer	Upon approval the IDOT Regional Engineer shall sign and date here.

A minimum of three (3) signed originals must be submitted to the District Office. Follow the Regional Engineer's approval, distribution will be as follows:

District File
Local Public Agency
Engineer



Engineer's Payment Estimate



Local Public Agency United City of Yorkville	County Kendall	Route(s) (Street/Road) Various	Section Number 20-00000-01-GM	Estimate 2 <input checked="" type="checkbox"/> Final
--	--------------------------	--	---	--

Payable to Name Precision Pavement Markings, Inc.

Address 1220 Bell Court Pingree Grove, IL 60140	Date From 05/04/21	Date To
---	------------------------------	--------------------

	Pay Items	Unit of Meas.	Awarded		Approved Change in Plans		Completed to Date		
			Quantity	Values	Added	Deducted	Quantity	Unit Price	Value
-	POLYUREA PAVEMENT MARKING TY I - LETTERS AND SYMBOLS	SQ FT	531	\$4,248.00		47	484	\$8.00	\$3,872.00
-	POLYUREA PAVEMENT MARKING TY I - LINE 4"	FOOT	10888	\$14,481.04	310		11198	\$1.33	\$14,893.34
-	POLYUREA PAVEMENT MARKING TY I - LINE 6"	FOOT	2050	\$3,997.50		451	1599	\$1.95	\$3,118.05
-	POLYUREA PAVEMENT MARKING TY I - LINE 8"	FOOT	860	\$2,322.00		860	0	\$2.70	\$0.00
-	POLYUREA PAVEMENT MARKING TY I - LINE 12"	FOOT	310	\$1,240.00	13		323	\$4.00	\$1,292.00
-	POLYUREA PAVEMENT MARKING TY I - LINE 24"	FOOT	310	\$2,480.00		82	228	\$8.00	\$1,824.00
Add Row			Total	\$28,768.54					Total
						Total			
						\$24,999.39			

Miscellaneous Extras and Credits				Values	
Add Row				Total Miscellaneous Extras and Credits	
				Total Value of Completed Work	
				\$24,999.39	
				Deduct Retainage	
				Balance Due of Completed Work	
				\$24,999.39	

Local Public Agency	County	Route(s) (Street/Road)	Section Number
United City of Yorkville	Kendall	Various	20-00000-01-GM

Miscellaneous Debits	Values	
- PAY ESTIMATE NO. 1	\$22,499.45	
Add Row	Total Miscellaneous Debits	\$22,499.45
	Net Cost of Section	\$2,499.94
	Previous Payments	
	Net Amount Due	\$2,499.94

- ☐ The Local Public Agency (LPA) certifies that the above pay estimate quantities do not require submission to the Department of Transportation of a Change in Plans (BLR 13210).
☐ The LPA certifies that a Change in Plans (BLR 13210) has been submitted to, and approved by the Department of Transportation as required for the above quantities.
☐ The LPA is under agreements of understanding and has completed the required paperwork and documentation, with submissions made per the agreement.

Resident Engineer	Date

Local Agency	Date

Prepared by	Title
Nadia L Schweisthal	Senior Project Engineer I

Approved Regional Engineer	Date

Instructions for BLR 13230 - Page 1 of 1
Form instructions are not to be submitted with the form.

This form shall be used for all day labor and contract projects, (maintenance or construction) to document payment to a contractor for work performed. See Chapter 13 of the Bureau of Local Roads and Streets Manual (BLRS Manual) for more detailed information. For signature requirements, refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Local Public Agency	Insert the name of the Local Public Agency (LPA).
County	Select the name of the County where the LPA is located.
Route	Insert the name of the route the project is located on.
Section Number	Insert the section number assigned to this project without dashes.
Estimate #	Insert the sequential number of the estimate.
Final	Check the box if this is the final pay estimate.
Payable to Name	Insert the name of the contractor.
Payable to Address	Insert the address for the contractor listed to the above.
Date From	Insert the beginning date of work for this pay estimate.
Date To	Insert the ending date of work for this pay estimate.
Pay Items	
Pay Items	Insert the unit of measure for the pay item.
Unit of Measure	Insert the unit of measure for the item.
Awarded	
Quantity	Insert the quantity of the pay item from the awarded contract.
Values	This is a calculated field, no entry is necessary.
Approved Change in Plans	All quality changes must be approved by IDOT using BLR 13210. In order to enter changes in quantity (added or deducted) the amounts must be approved by IDOT on BLR 13210 first. IDOT requires submission of a Change of Plans (BLR 13210) to document any plan changes. See BLRS Manual Chapter 13, section 13-2.03 (c).
Added	Insert any approved additions to awarded quantity.
Deducted	Insert any approved deductions to the awarded quantity.
Completed to Date	
Quantity	Insert the quantity completed to date for this pay item.
Unit Price	Insert the awarded unit price for this pay item.
Value	This is a calculated field, no entry is necessary.
Miscellaneous Extras and Credits	
Miscellaneous Extras and Credits	Insert a description of the approved miscellaneous extras and credits (e.g., agreed price items, extra work, etc.)
Values	Insert the dollar value of the approved miscellaneous extras and credits.
Total Misc. Extras and Credits	This is a calculated field, no entry is necessary.
Total Value of Completed Work	This is a calculated field, no entry is necessary.
Deduct Retainage	If this is the final pay estimate, the amount will be zero.
Balance Due on Completed Work	This is a calculated field, no entry is necessary.
Miscellaneous Debits	
Miscellaneous Debits	Insert the approved miscellaneous debits (e.g. liquidated damages, surface variations, etc.)
Values	Insert the dollar value of the approved miscellaneous debit.
Total Miscellaneous Debits	This is a calculated field, no entry is necessary.
Net Cost of Section	This is a calculated field, no entry is necessary.
Previous Payments	Insert the total dollar value(s) of previously approved pay estimates to the contractor.
Net Amount Due	This is a calculated field; no entry is necessary.

A minimum of three (3) certified signed originals must be submitted to the Regional Engineer's District Office.

Following the Regional Engineer's approval, distribution will be as follows:

Bureau of Local Roads and Streets Office
LPA Clerk
LPA Engineer



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

Agenda Item Number

New Business #7

Tracking Number

PW 2021-40

Agenda Item Summary Memo

Title: Countryside Lift Station SCADA Upgrades

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Upgrading all lift stations to a cloud based SCADA system that can be accessed remotely.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Supermajority (6 out of 9) – Due to sole source quote.

Council Action Requested: 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
Date: May 12, 2021
Subject: Countryside Lift station SCADA upgrades

Summary

A proposed upgrade to Countryside lift station SCADA (supervisory control and data acquisition) controls that move us from land line phone-based messages to real time remote access to our lift stations and their controls.

Background

Countryside lift station is the last lift station upgrade in our 3 year plan. Year one was the rehabilitation and upgrade to the Blackberry North lift station, last year were upgrades to Raintree, River's Edge, Bruell, Fox Hill, and Prestwick (Ashley Point). We saved countryside as a separate project because it is the biggest and most expensive upgrade that we will have that did not include any rehabilitation.

To refresh everyone's memory, the upgrade to a SCADA system from a dialer system will move the city from a reactionary system to a proactive one. Realtime monitoring capabilities will improve efficiency, cut down on call ins, and allow us much more peace of mind knowing that we will have all potential problems alerted to us before its too late.

In addition to real time monitoring, the cloud-based system will allow us to collect and store data that we have not been able to collect before. For instance, at this time, we can see how many hours each pump runs per day, but we don't know when. With the upgraded system, we will be able to track when each pump runs, when the peak times of day are at, and record any spikes in inflow due to rain events.

Separate from the cost of the upgrade, we will have a reoccurring charge of \$45/month per lift station for the cellular service. Those funds will come from the lift station services line item within the sanitary sewer operations fund. All other expenses will come from the SCADA system line item in the sanitary sewer operations budget. The approved budgeted amount in this line item is \$67,000. I have attached a quote from Metropolitan Pump Company in the amount of \$43,783 to complete the necessary work.

This project will be completed by Metropolitan Pump Company which is the manufacturer of all our lift stations. We have used Metropolitan Pump Co. for many years and have been very satisfied with their products and services. They are in Romeoville which makes it very convenient for parts and service.

Due to the fact that we are not competitively bidding this upgrade, this will need to be a super-majority vote since the cost of this upgrade is over \$25,000. The City Council approved both prior upgrades in the same fashion.

Recommendation

I recommend the super-majority approval of the quotation from Metropolitan Pump Company of Romeoville, IL in the amount of \$43,783 for the Control panel and SCADA system upgrade as outlined in the quotation. I would ask that this be placed on the May 18, 2021 Public Works Committee meeting for discussion and direction.

METROPOLITAN



PUMP COMPANY

A Division of METROPOLITAN INDUSTRIES, INC.

37 FORESTWOOD DRIVE • ROMEOVILLE, IL • 60446-1343

(815) 886-9200 • FAX (815) 886-4573

www.metropolitanind.com

QUOTATION

Page 1 of 1

TO: Mr. Tom Soelke
City of Yorkville
Cell: 630-886-2374
Office: 630-553-4349
tsoelke@yorkville.il.us

PROJECT: Countryside Lift Station
Yorkville, Illinois
BIDS DUE: ASAP
ENGINEER: N/A

We are pleased to provide a QUOTE on the following equipment for the subject project.

Countryside Lift Station Control and Cloud Upgrade

- Qty (1) AB Micrologix 1400 w/4 volt. Inputs & 2 volt outputs, 120v
- Qty (1) Allen Bradley ML1400 Memory Module
- Qty (2) AB 4 Differential Inputs, Analog I/O Expansion Module
- Qty (3) AB 16 Output, Digital I/O Expansion Module
- Qty (1) Delta Network Switch Unmanaged and misc. components
- Qty (2) Ethernet Patch Cable, 3ft.
- Qty (1) Sierra wireless Airlink raven RV50 cellular gateway
- Qty (1) Antenna and Antenna Installation Kit
- Qty (1) 5 Port Ethernet Switch
- Qty (1) Vega Radar Transducer
- All items above shipped loose for interconnections wiring in the field.
- We are assuming Metropolitan can upload from existing PLC, and program will work with new PLC and existing screen.
- Installation of items mentioned above will be installed as required. Start Up and Training Included.
- Mechanical Floats and existing submersible transducer to remain.

Total Amount For The PLC and Misc. parts for Upgrades is:

\$12,203.00

Total price for Labor, all programming and Cloud Set Up is:

\$31,580.00

Total Amount for Equipment and Installation is:

\$43,783.00

(Taxes Not Included)

Cloud SCADA / Cellular Services

Furnish necessary parts cellular modem, antenna, cable, cloud set up and misc. parts to incorporate the new Cloud Service

Total Monthly Verizon Cellular Service is (250 Tags / 5 minute polling)

\$45.00 / Month

Faster polling rates at an additional monthly charge is available upon request.

Note: Taxes, permits, fees are not included.

TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.

THIS QUOTATION, SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE HEREOF, MAY BE ACCEPTED ONLY BY SIGNING ONE COPY OF THIS QUOTATION AND RETURNING IT TO METROPOLITAN PUMP CO. NOT LATER THAN THE DATE INDICATED ON THE FACE HEREOF AFTER WHICH THIS QUOTATIONS IS VOID. THIS QUOTATION AFTER ACCEPTANCE BY BUYER MAY BE CANCELLED BY EITHER PARTY WITH NO PENALTY ONLY IF ENGINEER FAILS TO APPROVE SELLERS APPROVAL BROCHURE.

Accepted:

Firm:

By:

Title:

Quotation No:

Submitted:

Void after:

Prepared By:

KT40621MN

5/12/2021

30 days

Ken Turnquist

STANDARD CONDITIONS OF SALE
(Domestic Shipments)

1. TERMS

Standard terms are net thirty days from date of invoice. Products are sold F.O.B. Factory unless otherwise stated. A 2% per month service charge is added to overdue accounts.

It is understood that the purchaser agrees to pay any and all costs incurred in collecting delinquent accounts, including by way of illustration but not limited to: reasonable attorney fees; costs of witnesses and expert witnesses, including travel from point of origin and return, subsistence and recompense for time lost from regular occupation; court costs, depositions, transcripts, etc.

Quotations are subject to acceptance within thirty days from the date, and in the interim, are subject to changes in price or other particulars upon notice.

All offers to purchase, quotations, and contracts of sales are subject to final acceptance by Metropolitan Pump (hereinafter called the Company) at its office at Romeoville IL; and shall be and constitute an Illinois Contract, subject to the laws of the State of Illinois.

2. SALES AND SIMILAR TAXES

Sales, use, occupational, excise, or other similar taxes are not included in the prices quoted and if this transaction is subjected to any such tax by any taxing authority whatever, the same must be added to the purchase price.

3. DELIVERIES

The Company shall be under no liability for failure to make deliveries where such failure to deliver may be due to fires, strikes, accidents, labor or transportation difficulties, car shortage, failure to obtain deliveries of materials, action of any State, Federal or local governments or other causes beyond its reasonable control.

4. ESTIMATED SHIPPING WEIGHTS

The Company will not be responsible for the accuracy of shipping weights submitted in quotations, as these weights are estimated weights, for use in computing probable freight charges.

5. GUARANTEES

RATED OUTPUT

The Company guarantees that the apparatus manufactured by it will deliver successfully its output as indicated on the nameplate, provided such apparatus is properly installed and maintained, correctly lubricated, operated under normal conditions and with competent supervision.

REPLACEMENT OF DEFECTIVE MATERIAL

Any parts which show faulty workmanship or material will be repaired or replaced without charge. F.O.B. Company's works, provided such defects develop under normal and proper use within three months after date of shipment and provided Purchaser shall give notice in writing to the Company and a chance to inspect such defects before repairing or altering the product in any way. The correction of such defects by repair or replacement by the Company shall constitute a fulfillment of its obligation to the Purchaser.

NON-LIABILITY FOR LOSS OR DAMAGE

The Company will not be responsible for or liable for any loss or damage resulting from improper storage or handling prior to placing the apparatus in service and will not assume any responsibility, expense or liability for repairs made outside its works without proper written consent of the company. The Company will not be responsible or liable for any damage or loss resulting from installation or operation in any manner not complying with installation or operating instructions or drawings or with the ratings marked thereon.

CONTINGENT LIABILITY

The Company will not be responsible or liable in any way for consequential damage or contingent liability resulting from nondelivery, late delivery, function, malfunction or nonfunction or any equipment sold hereunder or resulting from any service provided or from malfeasance or nonfeasance of any service provided hereunder.

6. CHANGES

In event the Purchaser finds it necessary to make changes in the work to be performed hereunder, he may do so only by written order. If such changes cause an increase or decrease in the amount due for apparatus sold hereunder, or in the time required for completion of resulting order, an equitable adjustment shall be made and the order shall be modified accordingly.

7. TERMINATION

In the event Purchaser, due to good and sufficient cause, desires to effect cancellation of sales or services sold hereunder, notice shall be given in writing to the Company.

The Company shall thereupon, as directed, cease work and deliver to the Purchaser all completed and partially completed articles and materials and work in process. The Purchaser shall pay the Company the following:

- (a) The price provided in the order for all articles or materials which have been completed prior to termination.
- (b) Actual expenditures made by the Company in connection with the incompleting portion of the order, including reasonable cancellation charges paid by the Company for which it may be liable on account of commitments made under the order.
- (c) Reasonable estimated profits on the incompleting portion of the order multiplied by the percentage of completion of the incompleting portion of the order.

8. DEFERRED DELIVERIES

Deferred deliveries are subject to Company's approval. Should the Purchaser for good and sufficient cause desire that we hold up or defer deliveries until some later day, same shall be acceptable on the following conditions only:

- (a) Deferment period is not to exceed sixty days, at the end of which time, if no release is given, Company reserves the right to render invoice and make shipment of the completed portion of order to destination specified in Purchaser's order, or to warehouse such apparatus at Purchaser's expense.
- (b) On the incompleting portion of the order, if release is not given by the Purchaser at the expiration of sixty days, the Company reserves the right to make a cancellation charge on the same conditions and terms of payment as outlined above under "Termination."

9. PATENTS

The Company certifies that to the best of its knowledge the apparatus sold hereunder does not infringe any Letters Patent granted to others by the United States of America or by any country foreign thereto. The Company does not assume any responsibility or liability for any claim of infringement brought against the Purchaser, its successors, assigns, customers or users of its product.

10. PAYMENTS

If, in the judgment of the Company, the financial condition of the Purchaser at any times does not justify continuance of the production or shipment on the terms of payment specified, the Company may require full or partial payment in advance.

Pro rata payments shall become due as shipments are made. If shipments are delayed by the Purchaser, payments shall become due from date when the Company is prepared to make shipment. If manufacture is delayed by the Purchaser, payment shall be made based on the contract price and the percentage of completion. Apparatus held for the Purchaser shall be at the risk and expense of the Purchaser.

11. FEDERAL AND STATE LAWS

The Company, to the best of its knowledge, is complying with The Fair Labor Standards Act, Public Contracts Act and all other applicable State and Federal Laws, and the orders and regulations issued thereunder.

12. GENERAL

There are no understandings, agreements or warranties, either verbal or written, relating to the apparatus sold hereunder that are not fully expressed herein and no change in the terms hereof may be made except by a writing signed by both parties.

No statement, recommendation or assistance made or offered by Company through its representatives to the Purchaser or his representatives in connection with the use of any product sold by us shall be or constitute a waiver by Company of any of the provisions hereof or change the purchaser's liability as herein defined.

Seller represents that with respect to the production of the articles and/or the performance of the services covered by this proposal, it has fully complied with Section 12 (a) of the Fair Labor Standards Act of 1938, as amended.



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-41

Agenda Item Summary Memo

Title: Stop Sign Analysis – Windett Ridge

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

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: May 3, 2021
Subject: Fairfax Way and Windett Ridge Road – Multi-way Stop Sign Analysis
Windett Ridge Road and Coach Road – Stop Sign Analysis

As requested, we investigated the possible installation of stop signs at the following intersections:

- Fairfax Way and Windett Ridge Road (multi-stop sign analysis)
- Windett Ridge Road and Coach Road

EEI collected 24-hour traffic counts via on-road tube collectors for the intersection of Fairfax Way and Windett Ridge Road on Thursday, April 8, 2021. We also collected seven-day speed data from Thursday, April 8, 2021 to Thursday, April 15, 2021 via bi-directional traffic collector radar detection along Windett Ridge Road at the intersection with Coach Road.

The governing entity on traffic control signage is the Manual on Uniform Traffic Control Devices (MUTCD). The manual states as follows in regard to stop sign installation:

Guidance:

Engineering judgment should be used to establish intersection control. The following factors should be considered:

- A. Vehicular, bicycle, and pedestrian traffic volumes on all approaches;*
- B. Number and angle of approaches;*
- C. Approach speeds;*
- D. Sight distance available on each approach; and*
- E. Reported crash experience.*

YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:

- A. An intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;*
- B. A street entering a designated through highway or street; and/or*
- C. An unsignalized intersection in a signalized area.*

In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

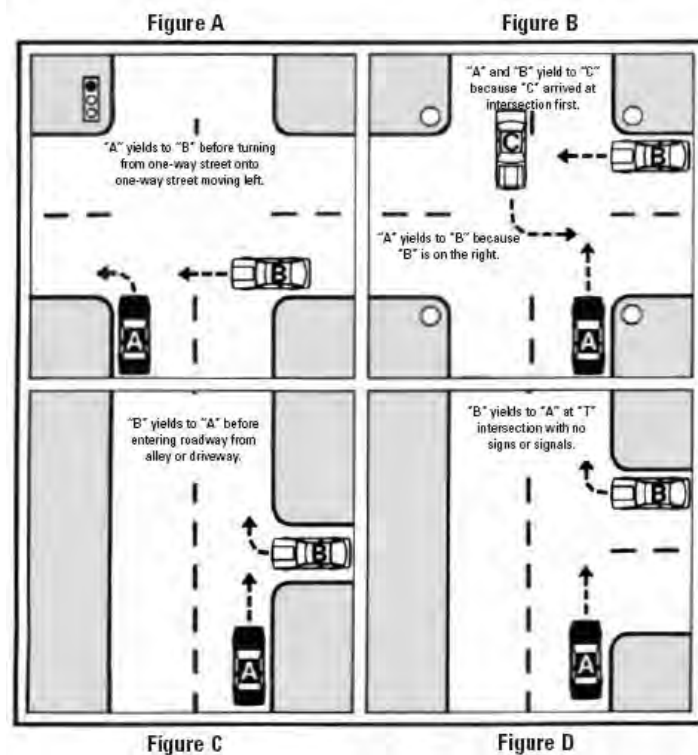
- A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;*
- B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or*

C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.

Yield or Stop signs should not be used for speed control.

At unsigned intersections, the application of the normal right-of-way rules would apply.

Figure D taken from the Illinois Drivers Manual shows that the minor roadway should yield to traffic on the major roadway at uncontrolled intersections.



Our findings were as follows:

- **Fairfax Way and Windett Ridge Road**
 - The traffic volume appears to be below 2,000 units per day.
 - There are no sight distance constraints.
 - The vehicular volumes entering the intersection from the major street approaches (Windett Ridge Road) appears to be below 300 vehicles per hour for any 8 hours of an average day.
 - The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street (Fairfax Way) appears to be below 200 units per hour for the same 8 hours.
 - The accident history is below the threshold warranting stop signs.
 - This intersection does not appear to be a good candidate for a multi-way stop sign based on the above criteria.
 - **Since Windett Ridge Road is considered the main road of the two, EEI has found that the existing two-way stop control is sufficient since Fairfax Way is subject to stop control**

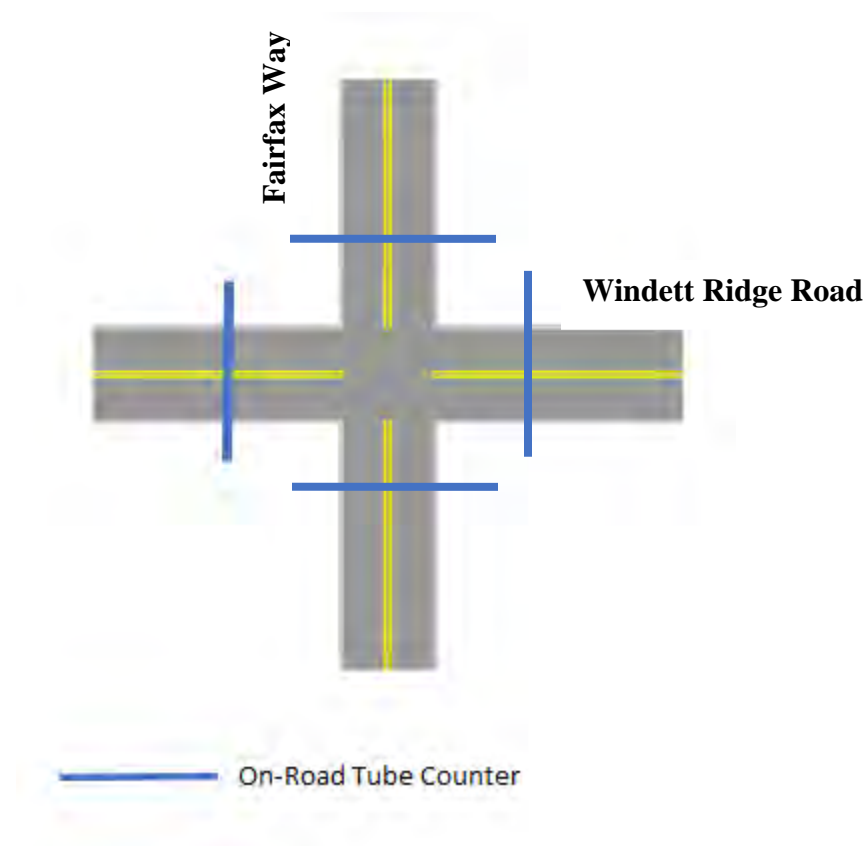
- **Windett Ridge Road and Coach Road**

- The accident history is below the threshold warranting stop signs.
- There are no sight distance constraints.
- Posted speed: 30 MPH
- Average speed: 27.9 MPH
- 85th percentile speed: 33 MPH
- Stop signs are not meant to control vehicular speed.
- This segment of roadway does not appear to be a good candidate for a stop sign based on the above criteria.

Crash History Reports (provided by the City)

No crash data was reported

Traffic On-Road Tube Collector Locations





Engineering Enterprises
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 (630) 466-6700
www.eeiweb.com

DATE:	APRIL 2021
PROJECT NO.:	YO1107-C
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2011\
FILE:	YO1107-Location of Analysis Fairfax Way.mxd

LOCATION OF STOP SIGN ANALYSIS



**UNITED CITY OF YORKVILLE
MULTI-WAY STOP
PRELIMINARY ENGINEERING EVALUATION**

Location:

WINDETT ROAD & FAIRFAX INTERSECTION

Primary Criteria to Consider*

<u>Criteria Met</u>			<u>Criteria**</u>
Yes	Additional Study Required	No	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.
			C. Minimum Volumes:
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. The vehicular volume entering the intersections from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. The combined vehicular, pedestrian, and bicycle volume entering the intersections from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	D. Where no single criterion is satisfied, but where Criteria B, C.1 and C.2 are all satisfied to 80 percent of the minimum values, criterion C.3 is excluded from this condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	E. The need to control left-turn conflicts;
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	F. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	G. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	H. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

Based on a preliminary review of the criteria for a multi-way stop sign the following action is recommended:

- ☐ Criteria are clearly met recommending installation of a multi-way stop
- ☒ Criteria are not clearly met at this time - no further action recommended
- ☐ Criteria may or may not be met - additional engineering study required

By: ZACHARY GUTIERREZ

Date: 4/15/2021

PROJECT ENGINEER
Title

By: _____

Date: _____

Title

* Based upon Professional Engineer's Review



Engineering Enterprises, Inc.
FAIRFAX WAY AND WINDETT RIDGE ROAD



FAIRFAX WAY FACING
NORTH



WINDETT RIDGE ROAD FACING
EAST



Engineering Enterprises, Inc.

FAIRFAX WAY AND WINDETT RIDGE ROAD



FAIRFAX WAY FACING
SOUTH



WINDETT RIDGE ROAD FACING
WEST



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-42

Agenda Item Summary Memo

Title: 2021 Road to Better Roads Program

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: 2021 Roads to Better Roads – Additional Work

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
Erin Willrett, Assistant City Administrator
Lisa Pickering, City Clerk

Date: May 12, 2021
Subject: 2021 Roads to Better Roads Program – Additional Work

The purpose of this memo is to present a plan for additional work for the above referenced project.

Background:

The United City of Yorkville and D Construction, Co. recently entered into an agreement for a contract value of **\$857,885.67** for the above referenced project.

Per the recently approved budget, the City has an additional \$465,000 +/- available to spend on its road program.

As directed, we obtained a quote from D Construction to perform the additional work. The quote is for \$464,717.65. The proposed additional work is summarized in the attached location map.

As a reminder, that due to the fact the existing contract between the City and D Construction utilizes MFT funds, we are unable to add additional streets via change order to the original contract.

Questions Presented:

Should the City approve the additional street work and quote from D Construction?

Discussion:

D Construction, Co. has held their prices from the originally bid RTBR project work. There were three new pay items that are necessary to construct the new work. The unit prices for the new items are reasonable.

Action Required:

Consideration of approval for additional RTBR work with D Construction.



Yorkville 2021 Road Program

May 11, 2021

Re: Added Scope of Work

In reference to the above captioned project and our conversations, it is our pleasure to quote the following work.

Item	Description	Quantity	Unit	Unit Price	Amount
2	Bituminous Materials Tack Coat	22747	LB	\$0.01	\$227.47
3	HMA Surface Removal Butt Joint	297	SY	\$10.00	\$2,970.00
4	HMA Binder Course IL-9.5 N50	2181	TON	\$63.70	\$138,929.70
5	HMA Surface Cse Mix D IL-9.5 N50	2181	TON	\$63.70	\$138,929.70
6	PCC Sidewalk 5"	1265	SF	\$6.60	\$8,349.00
7	Detectable Warnings	90	SF	\$33.00	\$2,970.00
8	Sidewalk Removal	1505	SF	\$1.38	\$2,076.90
9	HMA Surface Removal 3"	1290	SY	\$2.65	\$3,418.50
10	HMA Surface Removal Var Depth	18176	SY	\$2.35	\$42,713.60
11	Class D Patch Ty 1 3"	261	SY	\$32.00	\$8,352.00
12	Class D Patch Ty 2 3"	261	SY	\$25.00	\$6,525.00
13	Class D Patch Ty 3 3"	261	SY	\$22.00	\$5,742.00
14	Class D Patch Ty 4 3"	261	SY	\$33.00	\$8,613.00
17	Routing & Sealing Cracks	10701	FT	\$0.48	\$5,136.48
19	Inlets to be Adjusted	28	EA	\$352.00	\$9,856.00
25	Thpl Pavt Marking L&S	96	SF	\$11.00	\$1,056.00
26	Thpl Pavt Marking Line 4"	1500	FT	\$0.70	\$1,050.00
27	Thpl Pavt Marking Line 6"	380	FT	\$1.90	\$722.00
37	Sodding Special	380	SY	\$15.00	\$5,700.00
39	HMA Drwy Rem & Replace	5	SY	\$52.00	\$260.00
40	Comb Conc C&G Rem & Repl	937	FT	\$31.90	\$29,890.30
AUP	PCC Pavt Patch 10"	35	SY	\$220.00	\$7,700.00
AUP	Class D Patch 4"	805	SY	\$32.00	\$25,760.00
AUP	Agg Shoulder Ty B 3"	1110	SY	\$7.00	\$7,770.00
					\$464,717.65

Respectfully submitted,

Eric Rhoda

"D" Construction, Inc.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

Accepted by: _____

Date _____



"D"Construction, Inc.

General Contractor

1488 South Broadway Coal City, IL 60416
Office (815) 634-2555 Fax (815) 634-8748

May 11, 2021

Concerning: Added Scope of Work

Dear Nadia,

D Construction will perform the added work at the same contract unit prices listed for the 2021 road program. Any work items not on the original contract will be handled by agreed unit prices.

Sincerely,

Eric Rhoda
D Construction.



"D"Construction, Inc.

General Contractor

1488 South Broadway Coal City, IL 60416
Office (815) 634-2555 Fax (815) 634-8748

May 11, 2021

Concerning: AUP – PCC Pavt Patch 10"

Dear Nadia,

The unit price for PCC Pavement Patch 10" is \$220.00 per square yard.

Sincerely,

Eric Rhoda
D Construction.



"D"Construction, Inc.

General Contractor

1488 South Broadway Coal City, IL 60416
Office (815) 634-2555 Fax (815) 634-8748

May 11, 2021

Concerning: AUP – Class Patch 4"

Dear Nadia,

The unit price for Class D Patch 4" is \$32.00 per square yard.

Sincerely,

Eric Rhoda
D Construction.



"D"Construction, Inc.

General Contractor

1488 South Broadway Coal City, IL 60416
Office (815) 634-2555 Fax (815) 634-8748

May 11, 2021

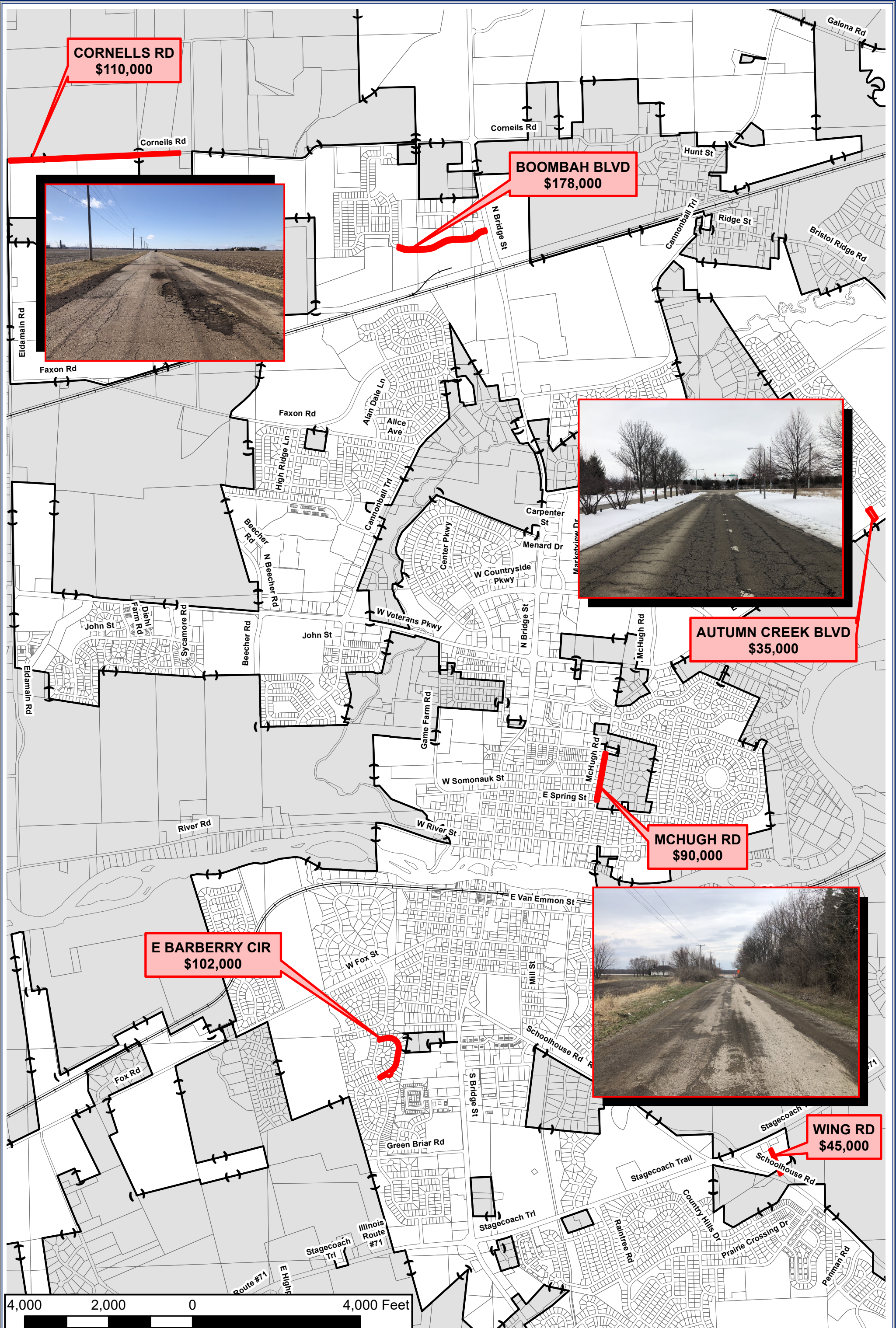
Concerning: AUP – Aggregate Shoulder 3"

Dear Nadia,

The unit price for Aggregate Shoulder 3" is \$7.00 per square yard.

Sincerely,

Eric Rhoda
D Construction.





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

Agenda Item Number

New Business #10

Tracking Number

PW 2021-43

Agenda Item Summary Memo

Title: Stormwater Management Basin Inspections – Update

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: Update

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:



Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Erin Willrett, Assistant City Administrator
Eric Dhuse, Director of Public Works
Krysti Barksdale-Noble, Community Dev. Dir.
Lisa Pickering, Deputy City Clerk

Date: May 12, 2021
Subject: Stormwater Management Basin Inspections

The purpose of this memo is to update the committee on the status of the basin inspections that have been conducted since 2018.

As a reminder, the City is required to inspect all stormwater management facilities at least once every five (5) years according to its Illinois Environmental Protection Agency (IEPA) National Pollutant Discharge Elimination System (NPDES) permit. The general scope of the inspections included the following:

- Field inspection of the storm water management facility, including documentation of the physical condition and any structural or operational deficiencies.
- Evaluation of current maintenance practices with the owner including annual maintenance schedule.
- Preparation of a summary of the findings and recommendations for routine maintenance or repairs.

The proper inspection and maintenance of stormwater management facilities is critical to ensuring each facility protects the surrounding environment. Stormwater facilities are crucial components in improving water quality by protecting our streams from erosion and flooding.

From 2018 to 2020, 111 basins were inspected in three of the four quadrants of which approximately 50% were compliant.

The remaining non-compliant basins have had little to no progress on addressing maintenance issues. Multiple notifications have been sent to the responsible parties.

Moving forward, staff is recommending that new notifications be sent on City letterhead to the parties, indicating that they have 30 days to provide a detailed schedule for the completion of the work or they may face citations and fines through the building code's property maintenance standards.

If you have any questions or require additional information, please let us know.



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<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 2021-1

Agenda Item Summary Memo

Title: Wing Road Closure Options

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: A discussion will take place at the meeting.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: April 22, 2021
Subject: Wing Road update, road vacation

Summary

An update on the Wing Rd discussion, from a question posed at the Public Works Committee meeting.

Background

This item was last discussed at the April 20th Public Works Committee meeting. At that meeting, Alderman Funkhouser asked if the City could consider vacating Wing Road instead of funding it. Attorney Orr has confirmed that vacation of the roadway is legally available to the City in this case. If it were considered, the road would be abandoned and the underlying property would be equally split between adjacent properties. The process for road vacation involves a supermajority vote of the City Council and a public hearing.

Recommendation

Staff does not recommend vacation of the roadway at this time. There are a handful of homes and one church that rely on this public roadway and vacating the roadway now would result in these properties continuing to use a subpar roadway or funding the improvements themselves. If the surrounding properties were to redevelop and provide alternate access locations, we could revisit the vacation discussion at that time.





Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Lisa Pickering, City Clerk
Rob Fredrickson, Finance Director

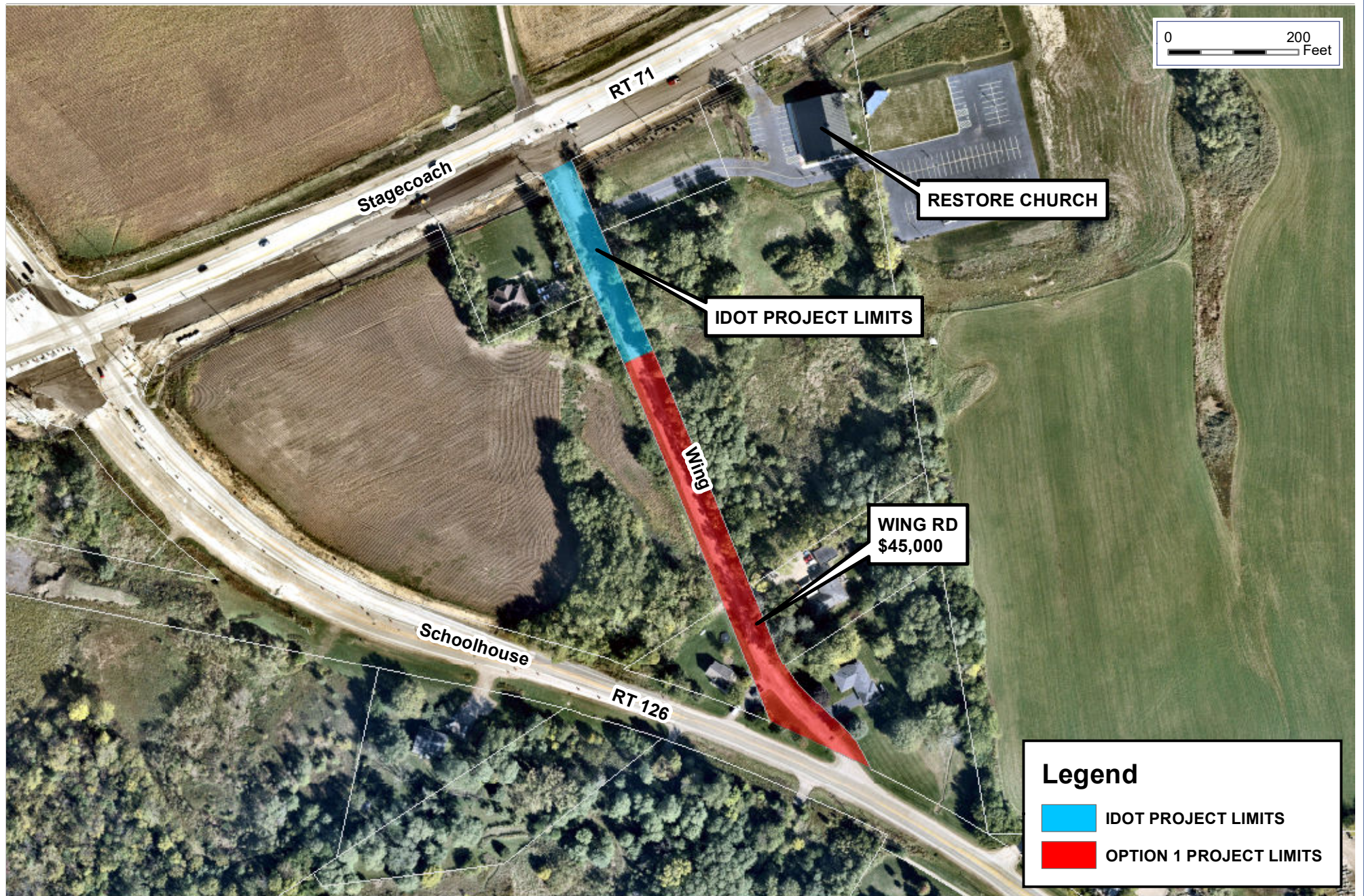
Date: April 8, 2021
Subject: Wing Road Improvement Options

This memo is to review improvement options for Wing Road.

The IDOT Rt 71 Improvement project will address improvements to the northern third of the road. The remaining stretch of Wing Road will need to be completed with local funds estimated to be \$45,000.

It has been suggested that consideration should also be given to closing Wing Road at Rt 126.

Exhibits are attached to aid in discussion at the Public Works Committee Meeting.



Engineering Enterprises, Inc.

52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

United City of Yorkville

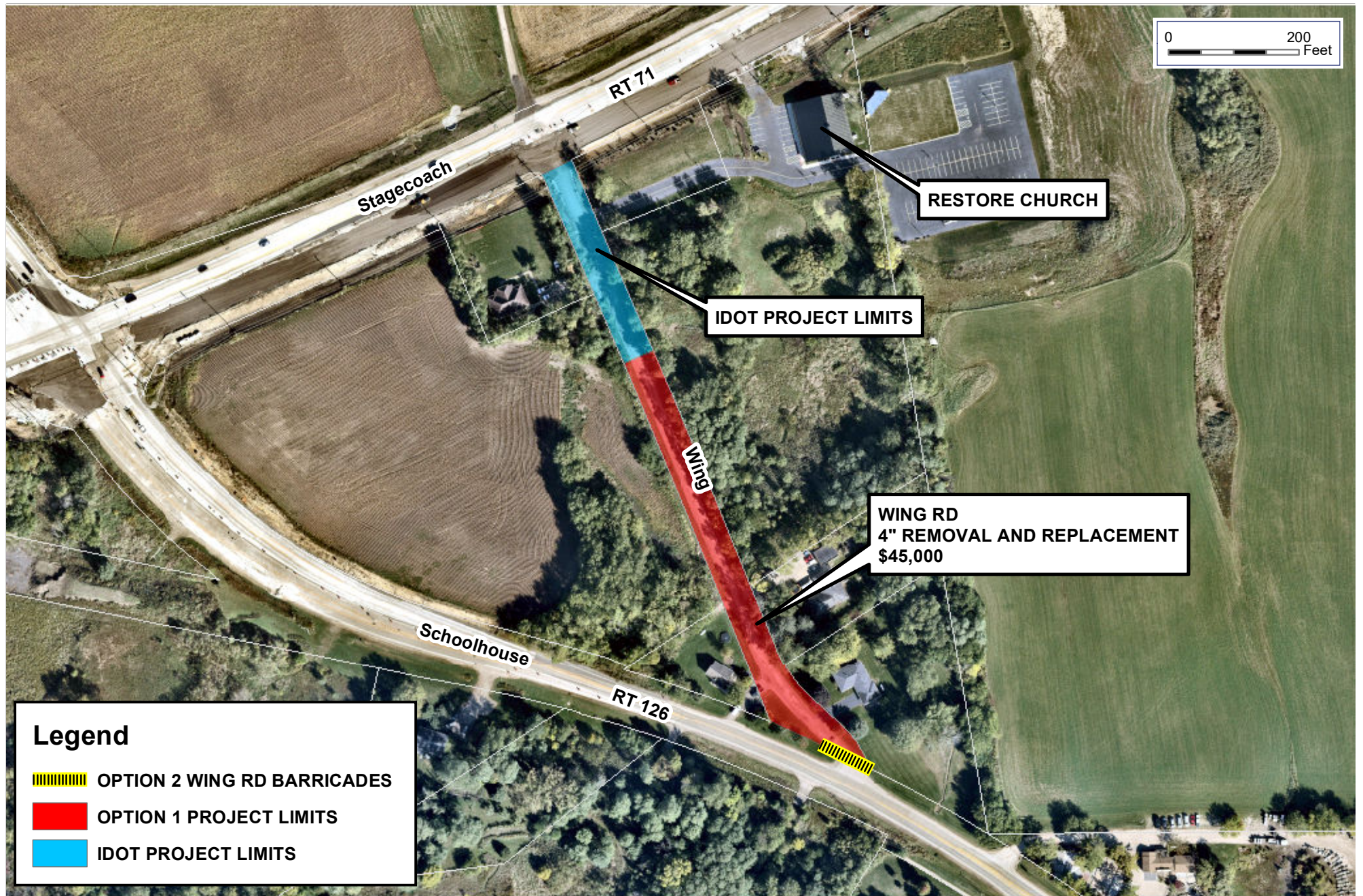
800 Game Farm Road
Yorkville, IL 60560
630-553-4350



DATE:	MARCH 2021
PROJECT NO.:	YO2013
BY:	MJT
PATH:	H:\GIS\PUBLIC\ELBURN\
FILE:	YO2013_Prairie Grass Lane .MXD

OPTION 1: 4" REMOVAL AND REPLACEMENT





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: MARCH 2021
PROJECT NO.: YO2013
BY: MJT
PATH: H:\GIS\PUBLIC\ELBURN\I
FILE: YO2013_Prairie Grass Lane .MXD

**OPTION 2:
CLOSE WING RD @ RT 126**





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

Agenda Item Number

Old Business #2

Tracking Number

PW 2021-33

Agenda Item Summary Memo

Title: Sidewalk Locations

Meeting and Date: Public Works Committee – May 18, 2021

Synopsis: A discussion will take place at the meeting.

Council Action Previously Taken:

Date of Action: CC 04-27-21 Action Taken: Motion failed

Item Number: PW 2021-33

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Brad Sanderson

Name

Engineering

Department

Agenda Item Notes:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: April 22, 2021
Subject: Sidewalk recommendations

Summary

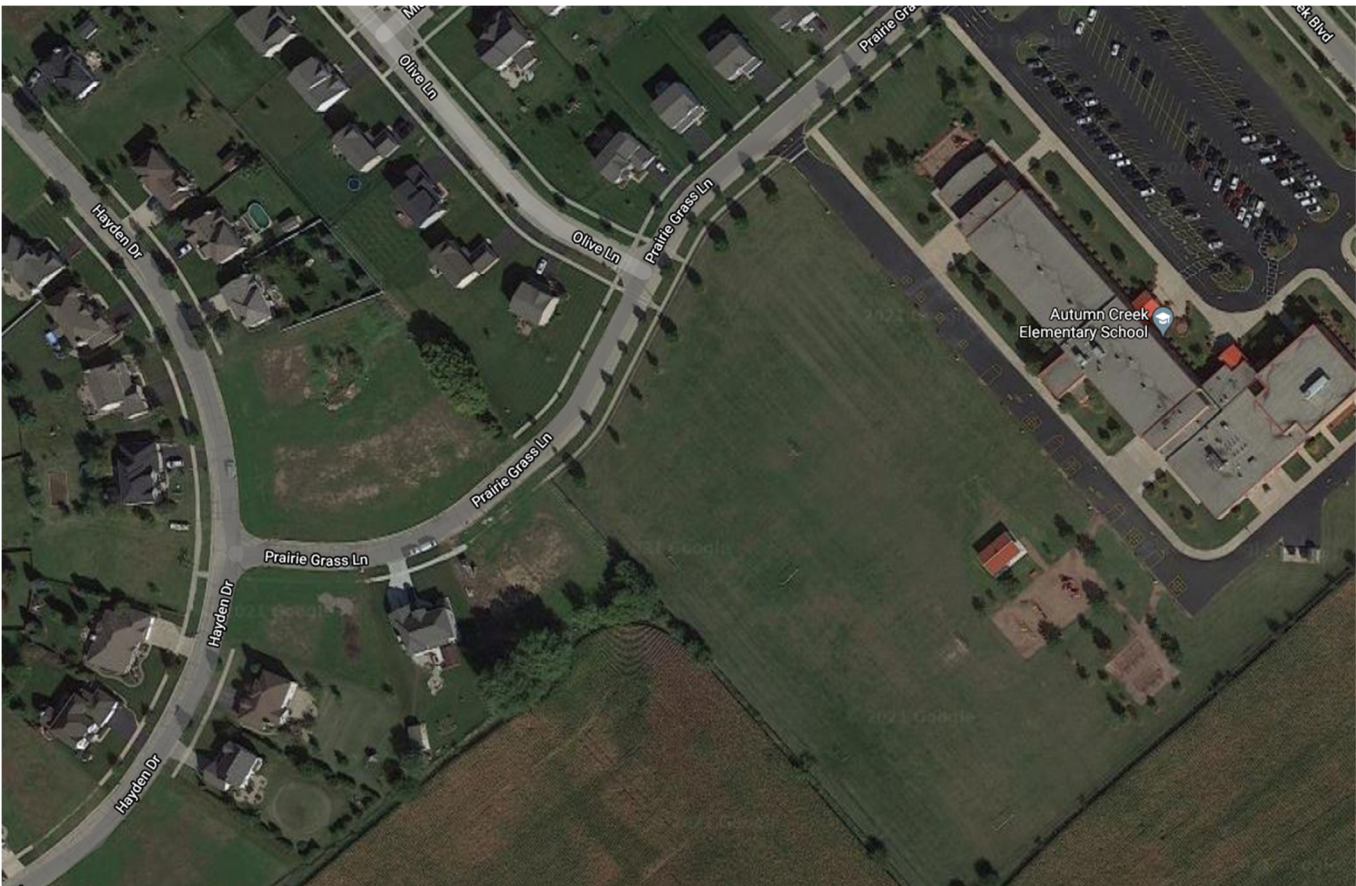
An update on the 2021 sidewalk program recommendations, based on questions posed at the Public Works Committee meeting.

Background

At the April 20th Public Works Committee meeting, the committee reviewed the attached recommendations for sidewalk program locations in 2021. During the discussion, Alderman Tarulis and Alderman Funkhouser questioned the need for the Prairie Grass Lane sidewalks across vacant lots on the east end of the Prairie Meadows subdivision. The question was posed as to what authority the City has to install the sidewalk improvements now and collect the sidewalk installation costs from a future developer or homeowner. Attorney Orr has reviewed the relevant materials and opined that there is not a way for the City to force a future property owner to pay for the City's sidewalk installation. The City can approve a unilateral recapture agreement for the sidewalk installation costs against all properties and/or can ask the homebuilder to reimburse the City for the cost, but the City has no authority to enforce collection.

Recommendation

The staff recommendation remains to install the Prairie Grass Lane sidewalks, so that children walking from the Prairie Meadows subdivision to the Autumn Creek Elementary School have a complete sidewalk between Hayden Drive and Prairie Grass Lane.





Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Lisa Pickering, City Clerk
Rob Fredrickson, Finance Director

Date: April 14, 2021
Subject: 2021 Sidewalk Program

This memo is to present staff's recommendations for the proposed sidewalk program in FY2022. It is our understanding that all of the work noted below will be budgeted.

Our recommendations are as follows:

Location	Cost	Comments
Appletree Court	\$30,000	Part of Water Main Replacement Project
Beecher Center	\$89,000	Sidewalk Repair Necessary Due to General Disrepair
Downtown Area	\$75,000	Several Areas are in Disrepair; Work Would Tie Into RTBR Project Areas.
E. Center Street	\$54,000	Several Areas are in Disrepair
Prairie Grass Lane	\$50,000	Provides Connectivity to Autumn Creek School
Total	\$298,000	

An exhibit with the planned locations is attached for review. It should be noted that current improvements are planned along E. Main Street in FY23, which includes water main replacement, roadway and sidewalk improvements. The extent of those sidewalk improvements will be dictated by the FY23 budget.

If you have any questions or require additional information, please let us know.

