



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, February 18, 2020
6:00 p.m.
City Hall Conference Room
800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval: January 21, 2020

New Business:

1. PW 2020-10 Snow Operations Report
2. PW 2020-11 Public Works Storage Shed – Change Order No. 1
3. PW 2020-12 Wells No. 8 and 9 – Water Treatment Plant Cation Exchange Media Replacement – Contract Award
4. PW 2020-13 Resolution for IDOT Highway Permit for Gas N Wash Route 47 Entrance
5. PW 2020-14 Blackberry Woods Phase B – Acceptance of Public Improvements
6. PW 2020-15 Kane Kendall Council of Mayors – Call for Projects Application

Old Business:

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, February 18, 2020
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. January 21, 2020

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

NEW BUSINESS:

1. PW 2020-10 Snow Operations Report

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

2. PW 2020-11 Public Works Storage Shed – Change Order No. 1

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

3. PW 2020-12 Wells No. 8 and 9 – Water Treatment Plant Cation Exchange Media Replacement –
Contract Award

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

4. PW 2020-13 Resolution for IDOT Highway permit for Gas N Wash Route 47 Entrance

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

5. PW 2020-14 Blackberry Woods Phase B – Acceptance of Public Improvements

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

6. PW 2020-15 Kane Kendall Council of Mayors – Call for Projects Application

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

ADDITIONAL BUSINESS:



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

Agenda Item Number

Minutes

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – January 21, 2020

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee Approval

Submitted by: Minute Taker

Name

Department

Agenda Item Notes:

Have a question or comment about this agenda item?

Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at <http://www.yorkville.il.us/320/City-Council>

DRAFT

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, January 21, 2020, 6:00pm
Yorkville City Hall, Conference Room
800 Game Farm Road**

IN ATTENDANCE:

Committee Members

Chairman Joe Plocher
Alderman Ken Koch

Alderman Chris Funkhouser
Alderman Seaver Tarulis

Other City Officials

City Administrator Bart Olson
Public Works Director Eric Dhuse

Engineer Brad Sanderson, EEI

Other Guests:

Katie Finlon, *Kendall County Record*

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

Citizen Comments: None

Previous Meeting Minutes: November 19, 2019

The minutes were approved as presented.

New Business:

1. PW 2020-01 Snow Operations Report

Mr. Dhuse said Public Works has only had some minor breakdowns and because of low snowfall, activity has been mostly salting with some plowing. FYI only.

2. PW 2020-02 Water Department Reports for October, November and December 2019

Less water is used in the cold months and is reflected in the reports, said Mr. Dhuse. These reports will move forward to the Council for approval and then forwarded to the IEPA as required.

3. PW 2020-03 Capital Improvement Projects Update

Mr. Sanderson said these are the quarterly updates. Mr. Dhuse commented that ComEd is moving power poles on Mill Rd. and power will be switched over soon.

4. PW 2020-04 Quarterly Bond and Letter of Credit Reduction Summary

These are the quarterly reports for 2019. No further discussion.

5. PW 2020-05 2019 Road to Better Roads Program – Request for Change in Plans and Engineer's Final Payment Estimate

Mr. Sanderson said this wraps up the 2019 programs and reflects the final quantities. D Construction has agreed to the final quantities and the report will be submitted to IDOT. It reflects a substantial reduction in the overall price and the savings goes back into MFT crediting the next budget. Mr. Sanderson recommended approval of the report and the committee concurred.

6. PW 2020-06 MFT Resolution for 2020 Road to Better Roads Program

The 2020 documents, resolutions and estimates, are being prepared for review by IDOT. It is hoped to bring bids back to this committee in February for award recommendations. Thermo-plastic striping on McHugh will be included in this.

7. PW 2020-07 Raintree Village – Stop Sign – Bluebird Lane at Prairie Crossing Drive

The City Council approved some stop signs for Raintree in November. While installing the signs, it was noticed that a stop sign was also needed at Prairie Crossing which is in a different unit and it was put in at that time.

8. PW 2020-08 Purchase of Two Truck Dump Bodies and Salt Spreaders

This was discussed in September and would use an extra \$100,000 in the budget to refurbish 2 trucks to extend the life. Mr. Dhuse said these are the two quotes, however, the trucks would not be ready until next year. Alderman Koch asked if the trucks are stored inside or outside. Mr. Dhuse said the diesels are stored inside in the winter and out in the summer. He said the truck life would be longer if there was inside storage.

9. PW 2020-09 Oxcart Truck Permitting System and Overweight Permitting Fees Discussion

Mr. Dhuse said he and Police Chief Jensen have collaborated on this project. He said most other towns use this system and it is an efficient way to deal with overweight/oversize permits. EEI is currently handling the process, although he said not everyone is requesting permits. This is a way to track the process and also collect some revenue. The revenue goes to the jurisdiction handling a given road, such as money goes to the state for travel on state highways. Oxcart collects the fees. The committee approved moving this forward to the City Council.

Old Business: None

Additional Business:

Alderman Funkhouser had a request for a stop sign at John St. and Cannonball Trail. Mr. Dhuse and Mr. Sanderson will study this.

There was no further business and the meeting was adjourned at 6:14pm.

Minutes respectfully transcribed by
Marlys Young, Minute Taker



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 #1

Tracking Number

PW 2020-10

Agenda Item Summary Memo

Title: Snow Operations Report

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Monthly report of snow removal operations.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: None

Council Action Requested: None

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: February 10, 2020
 Subject: Jan/Feb Snow Operations Report

Summary

A detailed report with summarization of snow removal operations for January 15th – February 10th.

Background

We continue to deal with smaller storms that accumulate enough snow to plow and salt, but not so bad as to greatly impact travel. We have tried to brine/salt ahead of the storm to get a good layer of salt between the pavement and the snow which creates a barrier that won't allow the snow to pack down onto the pavement. We are then able to do a much better job of clearing the streets with a minimal number of passes.

During this reporting period, we have used 557 tons of salt along with 10,282 gallons of brine while performing operations on 2615 miles of roadway.

Snow Operations Salt and Brine Data 2019-2020										
Snow Event Date		1/17-1/18								
Date of Recording		1/21/2020								
Recorder	ED									
Route	Truck ID	Total Miles Driven	Average MPH	Lbs of Salt Used	Tons of Salt Used	Lbs of Salt/Mi.	Gallons of Brine Used	Gal Brine/Ton Salt	Salt Miles	Brine Miles
1	9	180	8.00	36932	18.47	410	425	23.02	90.00	90.00
2	27	174	9.00	44907	22.45	458	366	16.30	98.00	90.00
3	3, 14	60.00	12.00	16000.00	8.00	400	0.00	0.00	40.00	0.00
4	13	192	12.00	45842	22.92	428	298	13.00	107.00	105.00
5	23	177	11.00	43973	21.99	473	217	9.87	93.00	93.00
6	10	144	10.00	51004	25.50	477	430	16.86	107.00	107.00
7	28	168	10.00	44030	22.02	393	335	15.22	112.00	90.00
8	22	173	8.00	29693	14.85	367	360	24.25	81.00	81.00
9	11	110	10.00	31109	15.55	502	176	11.32	62.00	28.00
EVENT TOTALS		1318	9.75	327490	164	438.50	2607	16.23	750	684
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										
Snow Event Date		1/24-1/25								
Date of Recording		1/27/2020								

Recorder	ED									
Route	Truck ID	Total Miles Driven	Average MPH	Lbs of Salt Used	Tons of Salt Used	Lbs of Salt/Mi.	Gallons of Brine Used	Gal Brine/ Ton Salt	Salt Miles	Brine Miles
1	9	241	14.40	44766	22.38	367	433	19.35	122.00	89.00
2	27	227	15.00	62198	31.10	401	577	18.55	155.00	126.00
3	3, 14	60.00	12.00	16000.00	8.00	400	0.00	0.00	40.00	0.00
4	13	275	14.00	63482	31.74	385	355	11.18	165.00	165.00
5	23	283	14.00	63045	31.52	362	285	9.04	174.00	120.00
6	10	152	12.00	44532	22.27	368	376	16.89	121.00	95.00
7	28	211	12.00	66624	33.31	422	486	14.59	158.00	103.00
8	22	286	12.00	47132	23.57	377	426	18.08	125.00	86.00
9	11	240	11.00	55018	27.51	387	484	17.59	142.00	93.00
EVENT TOTALS		1915	13.05	446797	223	383.69	3422	15.66	1162	877
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										
Snow Event Date		1/31/2020								
Date of Recording		2/4/2020								
Recorder	ED									
Route	Truck ID	Total Miles Driven	Average MPH	Lbs of Salt Used	Tons of Salt Used	Lbs of Salt/Mi.	Gallons of Brine Used	Gal Brine/ Ton Salt	Salt Miles	Brine Miles
1	9	66	10.00	14316	7.16	398	433	60.49	36.00	36.00
2	27	38	11.00	11871	5.94	383	577	97.21	31.00	31.00
3	3, 14	60.00	12.00	16000.00	8.00	400	0.00	0.00	40.00	0.00
4	13	56	7.00	13493	6.75	397	355	52.62	34.00	34.00
5	23	37	6.00	12473	6.24	416	285	45.70	30.00	30.00
6	10	34	7.00	12315	6.16	411	376	61.06	30.00	30.00
7	28	9	1.00	2294	1.15	425	25	21.80	5.40	5.00
8	22	114	11.00	14716	7.36	398	426	57.90	37.00	37.00
9	11	0	0.00	0	0.00		0		0.00	0.00
EVENT TOTALS		354	6.63	81478	41	403.75	2477	56.68	203	203
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										
Snow Event Date		2/6/2020								
Date of Recording		2/7/2020								

Snow Event Date		2/6/2020								
Date of Recording		2/7/2020								
Recorder		ED								
Route	Truck ID	Total Miles Driven	Average MPH	Lbs of Salt Used	Tons of Salt Used	Lbs of Salt/Mi.	Gallons of Brine Used	Gal Brine/Ton Salt	Salt Miles	Brine Miles
1	9	107	12.00	13035	6.52	395	150	23.01	33.00	33.00
2	27	73	11.00	17254	8.63	411	151	17.50	42.00	34.00
3	3, 14	60.00	12.00	16000.00	8.00	400	0.00	0.00	40.00	0.00
4	13	90	9.00	15485	7.74	360	25	3.23	43.00	43.00
5	23	88	10.00	13892	6.95	409	0	0.00	34.00	9.40
6	10	73	9.00	15980	7.99	421	107	13.39	38.00	38.00
7	28	75	13.00	10044	5.02	335	129	25.69	30.00	29.00
8	22	78	13.00	12391	6.20	400	145	23.40	31.00	31.00
9	11	91	11.00	14834	7.42	401	181	24.40	37.00	37.00
EVENT TOTALS		675	11.00	112915	56	391.31	888	16.33	288	254
			Avg.			Avg.		Avg.		
Truck 13 lost prime										
Truck 23 pre wet switch off										

Snow Event Date		2/9/2020								
Date of Recording		2/10/2020								
Recorder		ED								
Route	Truck ID	Total Miles Driven	Average MPH	Lbs of Salt Used	Tons of Salt Used	Lbs of Salt/Mi.	Gallons of Brine Used	Gal Brine/Ton Salt	Salt Miles	Brine Miles
1	9	50	19.00	19991	10.00	800	150	15.01	25.00	25.00
2	27	49	19.00	19573	9.79	675	151	15.43	29.00	30.00
3	3, 14	60.00	12.00	16000.00	8.00	400	0.00	0.00	40.00	0.00
4	13	50	18.00	18808	9.40	627	25	2.66	30.00	31.00
5	23	38	18.00	18985	9.49	703	0	0.00	27.00	28.00
6	10	26	13.00	16215	8.11	705	107	13.20	23.00	0.00
7	28	36	15.00	19437	9.72	694	129	13.27	28.00	28.00
8	22	46	20.00	14080	7.04	587	145	20.60	24.00	24.00
9	11	36	15.00	18414	9.21	708	181	19.66	26.00	22.00
EVENT TOTALS		331	17.13	145503	73	687.34	888	12.48	212	188
			Avg.			Avg.		Avg.		



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

Agenda Item Number

New Business #2

Tracking Number

PW 2020-11

Agenda Item Summary Memo

Title: Yorkville Public Works Storage Shed

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Consideration of Change Order No. 1 (Balancing)

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:

Have a question or comment about this agenda item?

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Memorandum

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

Date: January 14, 2020
Subject: Yorkville Public Works Storage Shed

The purpose of this memo is to present Change Order No. 1 (Balancing) for the above referenced project.

A Change Order, as defined by in the General Conditions of the Contract Documents, is a written order to the Contractor authorizing an addition, deletion or revision in the work within the general scope of the Contract Documents, or authorizing an adjustment in the Contract Price or Contract Time.

Background:

The United City of Yorkville and Lite Construction entered into an agreement for a contract value of **\$249,700.00** for the above referenced project.

Questions Presented:

Should the City approve Change Order No. 1 (Balancing) which would **decrease** the contract amount by \$15,101.00.

Discussion:

Changes are per as-built quantities measured in the field. Please see the attached summary spreadsheet.

We are recommending approval of the change order.

Action Required:

Consideration of approval of Change Order No. 1 (Balancing) in the amount of \$15,101.00

CHANGE ORDER

Order No. 1 (BALANCING)

Date: December 31, 2019

Agreement Date: August 27, 2019

NAME OF PROJECT: Yorkville Public Works Storage Shed

OWNER: United City of Yorkville

CONTRACTOR: Lite Construction

The following changes are hereby made to the CONTRACT DOCUMENTS:

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$249,700.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$249,700.00

The CONTRACT PRICE due to this CHANGE ORDER will be ~~(increased)~~ (decreased) by:
\$15,101.00

The new CONTRACT PRICE including this CHANGE ORDER will be: \$234,599.00

Change to CONTRACT TIME:

The CONTRACT TIME will be (increased) (decreased) by 0 calendar days.

The date for completion of all work will be November 25, 2019

Justification

1-12) Changes per as-built quantities measured in the field

13) Siding credit

Approvals Required

Requested by: _____ United City of Yorkville

Recommended by: _____ Engineering Enterprises, Inc.

Accepted by: _____ Lite Construction

CHANGE ORDER NO. 1 (BALANCING)
YORKVILLE PUBLIC WORKS STORAGE SHED
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	CONCRETE SLAB REMOVAL, 6"	SY	252	\$ 10.50	-	-	-	-
2	HMA REMOVAL, 5"	SY	116	\$ 13.00	-	-	-	-
3	PERIMETER EROSION BARRIER	LF	95	\$ 4.00	-	-	-	-
4	INLET PROTECTOR	EACH	1	\$ 300.00	-	-	-	-
5	AGGREGATE BASE COURSE, 4"	SY	303	\$ 12.00	-	-	-	-
6	CAST-IN-PLACE CONCRETE	LSUM	1	\$ 144,961.00	-	-	-	-
7	PRE-ENGINEERED POST FRAME BUILDING SYSTEM	LSUM	1	\$ 76,000.00	-	-	-	-
8	BOLLARD	EACH	6	\$ 500.00	-	-	-	-
9	RESTORATION, CA-6, 6"	SY	50	\$ 8.00	-	-	-	-
10	RESTORATION, HMA, SC, MIX "D", IL9.5, N50 (2 LIFTS)	TON	14	\$ 321.00	-	-	-	-
11	NON-SPECIAL HAZARDOUS SOIL WASTE DISPOSAL - TYPE	TON	25	\$ 95.00	-	-	25.0	\$ 2,375.00
12	ALLOWANCE	UNIT	10,000	\$ 1.00	-	-	10,000.0	\$ 10,000.00
MISCELLANEOUS EXTRAS AND CREDITS								
13	SIDING CREDIT (-\$2,726.00/LSUM)	LSUM	-	\$ 2,726.00			1.0	\$ 2,726.00

TOTAL ADDITIONS = \$ -

TOTAL DEDUCTIONS = \$ (15,101.00)

ORIGINAL CONTRACT PRICE: \$ 249,700.00
CURRENT CONTRACT PRICE ADJUSTED BY PREVIOUS CHANGE ORDER(S): \$ 249,700.00
*AMOUNT OF CURRENT CHANGE ORDER: \$ (15,101.00)
NEW CONTRACT PRICE: \$ 234,599.00



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

Agenda Item Number

New Business #3

Tracking Number

PW 2020-12

Agenda Item Summary Memo

Title: Well No. 8 and 9 Water Treatment Plant Cation Exchange Media Replacement

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Consideration of Bid 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:

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



Memorandum

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

Date: February 4, 2020
Subject: Well No. 8 and 9 Water Treatment Plant Cation Exchange Media Replacement

Bids were received, opened and tabulated for work to be done on the project at 10:00 a.m., February 3, 2020. Eric Dhuse (Public Works Director), Jon Bauer (Water Foreman), Carri Parker (Purchasing Manager) and our firm were in attendance. A tabulation of the bids which includes the engineer's estimate is attached for your information and record.

The City has budgeted \$165,000.00 for construction costs. The low bidder's Base Bid plus Mandatory Alternate Bid Items 2A, 2B and 4A was below our engineer's estimate and below the budgeted amount. Mandatory Alternate Bid Items 2A includes radiological testing at the facility before and after construction to verify no contamination has occurred as a result of the Contractor's work and is considered a good safety measure for the City. Since the conditions of the nozzle diffusers and header overdrains cannot be determined until the vessels are drained and inspected, Mandatory Alternate Bid Items 2B and 4A are included as rehabilitation items. Mandatory Alternate Bid Items 2B includes the replacement of any damaged nozzle diffusers. Mandatory Alternate Bid Items 4A includes the repair of any damaged header overdrains.

Replacement of cation exchange media is a specialized service not provided by many contractors in northern Illinois, the two (2) contractors that submitted bids typically bid on the media replacement projects prepared by EEI. EEI has worked with Global Water Services, LLC on a few media replacement projects, and every project was completed on time and under budget. Therefore, we recommend the acceptance of the Base Bid (\$107,800.00) plus Mandatory Alternate Items Bid 2A, 2B and 4A (\$7,300.00) and approval of award be made to the low bidder, Global Water Services, LLC, 115 East 5th Avenue, Lisbon, IA 52253 in the amount of **\$115,100.00.**

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

BID TABULATION WELL 8 AND 9 WTP CATION EXCHANGE MEDIA REPLACEMENT UNITED CITY OF YORKVILLE									
		BID TABULATION BIDS RECD 2/3/2020		ENGINEER'S ESTIMATE 52 Wheeler Road Sugar Grove, IL 60554		GLOBAL WATER SERVICES, LLC 115 East 5th Avenue Lisbon, IA 52253		ALL SERVICE CONTRACTING CORP. 2024 E. Damon Ave. Decatur, IL 62526	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID ITEMS									
1	PERFORMANCE AND PAYMENT BONDS	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00
2	REMOVE AND DISPOSE EXISTING CATION EXCHANGE MEDIA AND SUPPORT MATERIAL FROM ALL FOUR (4) TREATMENT UNITS (E.G. WORK TO BE COMPLETED WITH TWO (2) UNITS OFFLINE AT A TIME) AND DISPOSE OF OFFSITE, INCLUDING POWER WASHING INTERIOR OF EACH UNIT, IN ACCORDANCE WITH THE SPECIFICATIONS - INCLUDES MOBILIZATIONS AND DEMOBILIZATIONS	LS	1	\$ 54,000.00	\$ 54,000.00	\$ 35,000.00	\$ 35,000.00	\$ 33,131.00	\$ 33,131.00
3	FURNISH AND INSTALL NEW CATION EXCHANGE AND GRAVEL MEDIA IN ALL FOUR (4) TREATMENT UNITS (E.G. WORK TO BE COMPLETED WITH TWO (2) UNITS OFFLINE AT A TIME), INCLUDING DISINFECTION, IN ACCORDANCE WITH THE SPECIFICATIONS - INCLUDES MOBILIZATIONS AND DEMOBILIZATIONS	LS	1	\$ 80,000.00	\$ 80,000.00	\$ 69,000.00	\$ 69,000.00	\$ 107,498.00	\$ 107,498.00
4	FURNISH AND INSTALL SS REPAIR CLAMPS ON THE EXISTING 3" STEEL LATERAL, IN ACCORDANCE WITH THE SPECIFICATIONS	EA	4	\$ 200.00	\$ 800.00	\$ 350.00	\$ 1,400.00	\$ 348.00	\$ 1,392.00
	TOTAL FOR ALL BID ITEMS 1 THROUGH 4 AND TOTAL BASE BID				\$ 137,300.00		\$ 107,800.00		\$ 144,421.00
MANDATORY ALTERNATE BID ITEMS									
2A	PERFORM BASELINE RADIOLOGICAL CONTAMINATION SURVEY OF THE FACILITY PRIOR TO MEDIA REMOVAL, AND CONFIRMATORY RADIOLOGICAL CONTAMINATION SURVEY AFTER MEDIA REMOVAL, IN ACCORDANCE WITH THE SPECIFICATIONS	LS	1	\$ 7,000.00	\$ 7,000.00	\$ 3,800.00	\$ 3,800.00	\$ 3,800.00	\$ 3,800.00
2B	FURNISH AND INSTALL NOZZLES (WITH WESTECH/US FILTER HIGH IMPACT ABS DIFFUSER NOZZLES OR ORTHOS LIQUID SYSTEMS TYPE KSP NOZZLES)	EA	32	\$ 35.00	\$ 1,120.00	\$ 75.00	\$ 2,400.00	\$ 45.00	\$ 1,440.00
2C	REMOVE AND DISPOSE EXISTING CATION EXCHANGE MEDIA AND SUPPORT MATERIAL FROM ALL FOUR (4) TREATMENT UNITS SIMULTANEOUSLY AND DISPOSE OF OFFSITE, INCLUDING POWER WASHING INTERIOR OF EACH UNIT, IN ACCORDANCE WITH THE SPECIFICATIONS (ASSUMES ONE (1) MOBILIZATION AND ONE (1) DEMOBILIZATION)	LS	1	\$ 40,750.00	\$ 40,750.00	\$ 34,000.00	\$ 34,000.00	\$ 30,407.00	\$ 30,407.00
3A	FURNISH AND INSTALL NEW CATION EXCHANGE AND GRAVEL MEDIA IN ALL FOUR (4) TREATMENT UNITS SIMULTANEOUSLY, INCLUDING DISINFECTION, IN ACCORDANCE WITH THE SPECIFICATIONS (ASSUMES ONE (1) MOBILIZATION AND ONE (1) DEMOBILIZATION)	LS	1	\$ 65,750.00	\$ 65,750.00	\$ 68,000.00	\$ 68,000.00	\$ 106,538.00	\$ 106,538.00
4A	FURNISH AND INSTALL SS REPAIR CLAMPS ON THE EXISTING 6" STEEL HEADER OVERDRAIN, IN ACCORDANCE WITH THE SPECIFICATIONS	EA	2	\$ 350.00	\$ 700.00	\$ 550.00	\$ 1,100.00	\$ 402.00	\$ 804.00



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

Agenda Item Number

New Business #4

Tracking Number

PW 2020-13

Agenda Item Summary Memo

Title: Gas N Wash – IL Route 47 Entrance

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Consideration of Resolution

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:

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



Memorandum

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

Date: January 31, 2020
Subject: Gas N Wash – IL Rt 47 Entrance

The developer has recently obtained approval from IDOT to construct the commercial access entrance and other related improvements per the attached draft permit. Construction may proceed once all the forms are executed and the bonds and insurance certificates are provided. The developer would like to proceed with the permitted work immediately upon final IDOT permit approval.

One of the requirements in finalizing the permit is that City approve the attached resolution.

We are recommending approval of the resolution.



Illinois Department of Transportation

Office of Highways Project Implementation / Region 2 / District 3
700 East Norris Drive / Ottawa, Illinois 61350-1628

January 7, 2020

Gas N Wash/City of Yorkville
c/o MG²A
25620 Gouger Road
Manhattan, IL 60442

PERMIT APPLICATION

Route: IL 47

County: Kendall

Type of Work: PCC Commercial Entrance

Dear Sir or Madam:

Please execute the attached forms according to the following directions:

1. All signatures must be in ink on all copies.
2. Mailing address to be shown where indicated.
3. Fill in date permit is signed by you in the spaces provided above your signature.
4. Have a disinterested party witness your signature on permit form by signing name in space after printed word "Witness" at the left of form. If the permit is in the city or village's name, an authorized city or village official must sign the permit.
5. If Highway Permit Bond forms are included, **sign all three original copies and have executed by a reputable bonding company. (Personal bond or a letter of credit is not acceptable.)** Please attach the name and address of the local agency through which you received the permit bond.
6. If a temporary construction permit is proposed, we will require a letter from the local municipality guaranteeing that occupancy permits from the municipality will **not** be granted until after a permanent entrance permit has been issued.
7. If traffic signals are required as part of this permit, then a city/state agreement is needed for the cost and maintenance of the proposed traffic signals before the permit will be issued by the department.

Gas N Wash/City of Yorkville
c/o MG²A
January 7, 2020
Page 2

8. The attached application should be returned to this office for approval by August 1, 2020. To perform work within highway right of way without an approved permit is in violation of state law.
9. **Return all three signed original copies to the address shown above for approval by the Regional Engineer. When approved, the completed permit and permit bond will be forwarded to the applicant.**
10. If the work covered by this permit includes construction of additional lanes, turn lanes, median crossovers or traffic signals on, along or adjacent to a highway under department jurisdiction, the permittee shall use only contractor(s) approved by the Department of Transportation for the performance of said work on the state highway. A contractor currently prequalified by the department in the work rating governing the said work shall be approved. Prior to the commencement of the said work on the state highway, the applicant shall furnish the Regional Engineer a copy of the contractor's current Certificate of Eligibility, or, if the permittee proposes to use a contractor not currently prequalified by the department, information satisfactory to the department evidencing the contractor's qualification and ability to perform the said work. No work on the state highway shall be performed until the department issues an approval of the proposed contractor.

If additional information or clarification is required, please contact
Rich Ballerini, Permit Section Chief, at 815-434-8490 or e-mail
DOT.D3.Permits@illinois.gov.

Sincerely,

Masood Ahmad, P.E.
Region Two Engineer



By: Dave Broviak, P.E.
Studies & Plans Engineer


**Illinois Department
of Transportation**
Highway Permit

District Serial No. _____

Whereas, I (We) Gas N Wash/City of Yorkville
c/o MG²A , 25620 Gouger Road
 (Name of Applicant) (Mailing Address)

Manhattan IL 60442 hereinafter termed the Applicant,
 (City) (State)
 request permission and authority to do certain work herein described on the right-of-way of the State Highway
 known as IL Route 47 , Section _____ ,
 from Station _____ to Station _____
Kendall County. The work is described in detail on the attached plan or sketch and/or as follows:

LOCATED AT THE NORTHEAST CORNER OF IL 47 & WATERPARK WAY - YORKVILLE

Upon approval this permit authorizes the applicant to locate, construct, operate and maintain at the above mentioned location, a thirty-five (35) foot in width heavy duty HMA surfaced commercial access entrance and other related improvements as shown on the attached plans which become a part hereof.

The applicant shall notify Adam Rue, Field Engineer, Phone: 630-553-7337 or the District Permit Section, Phone: 815-434-8490 twenty-four hours in advance of starting any work covered by this permit.

The state right of way shall be left in good condition. (No advertising matter shall be placed on the state right of way).

All turf areas which are disturbed during the course of this work shall be restored to the original line and grade and be promptly seeded in accordance with Standard State Specifications.

(SEE ATTACHED SPECIAL PROVISIONS)

All work authorized by this permit shall be completed 180 days after the date this permit is approved, otherwise the permit becomes null and void.

This permit is subject to the conditions and restrictions printed on the reverse side of this sheet.

This permit is hereby accepted and its provisions agreed to this _____ day of _____ , _____

Witness _____ Signed _____

Applicant

Mailing Address

Mailing Address

City

State

City

State

SIGN AND RETURN TO: Regional Engineer _____

Approved this _____ day of _____ , _____

Department of Transportation

BY: _____

Regional Engineer

First: The Applicant represents and warrants that he/she is the party in interest respecting this Permit and that he/she is the agent in fact with authority to bind all parties in interest to the obligations and undertakings agreed to in this Permit. The Applicant represents and warrants that the property lines shown on the attached plan sheet(s) or sketch are true and correct, and that all proposed work is accurately depicted thereon.

Second: The proposed work shall be located and constructed to the satisfaction of the Regional Engineer or his/her duly authorized representative. No revisions or additions shall be made to the proposed work on the right-of-way without the written permission of the Regional Engineer. The Applicant agrees to complete all work to the standards and specifications identified by the Regional Engineer or his/her authorized representative as a condition of granting this Permit. The Applicant agrees to furnish all labor, equipment and material, and do all work and pay all costs associated with the work authorized by this Permit. The Applicant agrees to restore any and all damaged portions of the highway right-of-way to the condition satisfactory to the Regional Engineer or his/her authorized representative including, but not limited to, all landscape restoration. The Applicant shall not trim, cut or in any way disturb any trees or shrubbery along the highway without the approval of the Regional Engineer or his/her duly authorized representative. Any and all documents, writings and notes reflecting or identifying the standards, specifications, understandings and conditions applicable to the performance of the permitted work required by the Regional Engineer or his/her authorized representative are hereby incorporated into this Permit by reference as though fully set forth herein.

Third: The Applicant shall at all times conduct the work in such a manner as to minimize hazards to vehicular and pedestrian traffic. Traffic controls and work site protection shall be in accordance with the applicable requirements of Part 6 (Temporary Traffic Control) of the Illinois Manual on Uniform Traffic Control Devices and with the traffic control plan if one is required elsewhere in the permit. All signs, barricades, flaggers, etc., required for traffic control shall be furnished by the Applicant. The work may be done on any day except Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. Work shall be done only during daylight hours.

Fourth: The work performed by the Applicant is for the bona fide purpose expressed and not for the purpose of, nor will it result in, the parking or servicing of vehicles on the highway right-of-way. Signs located on or overhanging the right-of-way shall be prohibited.

Fifth: The Applicant shall engage in only the proposed work approved herein, and subject to the hazards incident to such activities, assumes all risks associated therewith. The Applicant assumes full and strict liability for the actions of itself, all parties in interest, its agents and employees, contractors, subcontractors and consultants. The Applicant and all parties in interest shall save, defend, hold harmless and indemnify the State of Illinois and each of its officers, agents, employees, invitees and others associated with it from and against any and all suits, claims, actions, losses, injuries, damages, judgments and expenses that are based on, or that arise or are alleged to have arisen out of the performance of the work approved herein, including, but not limited to, any act, willful or intended, or negligence of the Applicant and any party in interest, its agents and employees, contractors, subcontractors and consultants whether at law, in equity or common law. In the event the Applicant or any party in interest fails, neglects, or refuses to comply with any provision of this indemnity, the State of Illinois may take any action necessary to protect itself from liability, including any action to pay, settle, compromise and procure the discharge thereof, in which case the Applicant or any party in interest, jointly and severally, shall be liable and bound unto the State of Illinois for any and all expenses related thereto, including attorney's fees.

Sixth: The State reserves the right to make such changes, additions, repairs and relocations within its statutory limits to the facilities constructed under this permit or their appurtenances on the right-of-way as may at any time be considered necessary to permit the relocation, reconstruction, widening or maintaining of the highway and/or provide proper protection to life and property on or adjacent to the State right-of-way. However, in the event this permit is granted to construct, locate, operate and maintain utility facilities on the State right-of-way, the Applicant, upon written request by the Regional Engineer, shall perform such alterations or change of location of the facilities, without expense to the State, and should the Applicant fail to make satisfactory arrangements to comply with this request within a reasonable time, the State reserves the right to make such alterations or change of location or remove the work, and the Applicant agrees to pay for the cost incurred.

Seventh: This permit is effective only insofar as the Department has jurisdiction and does not presume to release the Applicant from compliance with the provisions of any existing statutes or local regulations relating to the construction of such work.

Eighth: The Construction of access driveways is subject to the regulations listed in the "Policy on Permits for Access Driveways to State Highways." If, in the future, the land use of property served by an access driveway described and constructed in accordance with this permit changes so as to require a higher driveway type as defined in that policy, the owner shall apply for a new permit and bear the costs for such revisions as may be required to conform to the regulations listed in the policy. Utility installations shall be subject to the "Policy on the Accommodation of Utilities on Right-of-Way of the Illinois State Highway System."

Ninth: If the work covered by this permit includes construction of additional lanes, turn lanes, median cross-overs or traffic signals on, along or adjacent to a highway under Department jurisdiction, the permittee shall use only contractor(s) approved by the Department of Transportation for the performance of said work on the State highway. A contractor currently prequalified by the Department in the work rating governing the said work shall be approved. Prior to the commencement of the said work on the State highway, the applicant shall furnish the Regional Engineer a copy of the contractor's current Certificate of Eligibility, or, if the permittee proposes to use a contractor not currently prequalified by the Department, information satisfactory to the Department evidencing the contractor's qualification and ability to perform the said work. No work on the State highway shall be performed until the Department issues an approval of the proposed contractor.

SPECIAL PROVISIONS

Whenever any of the work under this permit involves any obstruction or hazard to the free flow of traffic in the normal traffic lanes, plans for the proposed method of traffic control must be submitted to and approved by the Regional Engineer at least 72 hours, and preferably longer, before the start of work.

All traffic control shall be in accordance with the State of Illinois Manual of Uniform Traffic Control Devices and amendments thereof. It should be noted that standards and typical placement of devices shown in the Uniform Manual are minimums. Many locations may require additional or supplemental devices.

The petitioner agrees to furnish the necessary barricades, lights, and flagmen for the protection of traffic.

Traffic shall be maintained at all times.

The applicant agrees to notify the Department of Transportation upon completion of work covered under the terms and conditions of this permit so that a final inspection and acceptance can be made.

To avoid any revisions to the work completed under the highway permit, the applicant should insure the conditions and restrictions of this permit, the applicable supplemental permit specifications and permit drawing are fully understood.

If this permit work is contracted out, it will be the responsibility of the applicant to furnish the contractor with a copy of this highway permit, as the applicant will be responsible for the contractor's work.

A copy of approved permit shall be present on job site at all times the work is in progress.

The department reserves the right to reject or accept any contractor hired by the applicant.

No person, firm, corporation or institution, public or private, shall discharge or empty any type of sewage, including the effluent from septic tanks or other sewage treatment devices, or any other domestic, commercial or industrial waste, or any putrescible liquids, or cause the same to be discharged or emptied in any manner into open ditches along any public street or highway, or into any drain or drainage structure installed solely for street or highway drainage purposes.

It is the applicant's responsibility for insuring that all requirements of the Illinois Environmental Protection Agency, Division of Water Pollution Control and Division of Public Water Supplies have been satisfied.

All excavations shall be promptly backfilled, thoroughly tamped and any excess material removed from the state right of way (including rock exposed during backfilling operations). Mounding or crowning of backfill will not be permitted.

All material or equipment stored along the highway shall be placed as remote as practical from the edge of pavement in a manner to minimize its being a hazard to errant vehicles or an obstacle to highway maintenance. If material is to be stored on the highway right of way for more than two weeks prior to installation, written approval must be obtained from the department.

RESOLUTION

WHEREAS, the city of Yorkville is located in the county of Kendall, state of Illinois, wishes to allow construction of a HD HMA surfaced commercial access entrance which by law comes under the jurisdiction and control of the Department of Transportation of the state of Illinois, and

WHEREAS, a permit from said department is required before said work can be legally undertaken by said city of Yorkville; now

THEREFORE, be it resolved by the city of Yorkville, county of Kendall, state of Illinois.

FIRST: That we do hereby request from the Department of Transportation, state of Illinois, a permit authorizing the city of Yorkville to proceed with the work herein described and as shown on enclosed detailed plans.

SECOND: Upon completion of the commercial access by the contractor and acceptance by the city, the city guarantees that all work has been performed in accordance with the conditions of the permit to be granted by the Department of Transportation of the state of Illinois.

Further, the city will hold the state of Illinois harmless for any damages that may occur to persons or property during such work.

The city will require the contractor to obtain a bond and a comprehensive general liability insurance policy in acceptable amounts and will require the contractor to add the State of Illinois as an additional insured on both policies.

THIRD: That we hereby state that the proposed work ~~is~~ is not, (~~delete one~~) to be performed by the employees of the city of Yorkville.

FOURTH: That the proper officers of the city of Yorkville are hereby instructed and authorized to sign said permit in behalf of the city of Yorkville.

I, _____, hereby certify the above to be a
City Clerk

true copy of the resolution passed by the City Council of the city of Yorkville, county of Kendall, State of Illinois.

Dated this _____ day of _____ A.D. 2020

(Signature)

(CORPORATE SEAL)

RESOLUTION



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

Agenda Item Number

New Business #5

Tracking Number

PW 2020-14

Agenda Item Summary Memo

Title: Blackberry Woods – Phase B

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Subdivision Acceptance Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:



Memorandum

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

Date: February 12, 2020
Subject: Blackberry Woods – Phase B

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

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

As required by City Code, the developer will be responsible to provide a performance guarantee to cover the one-year maintenance period. The guarantee should be in the amount of (\$77,150.72). This period starts after the City formally accepts the improvements.

BILL OF SALE

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

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

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

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

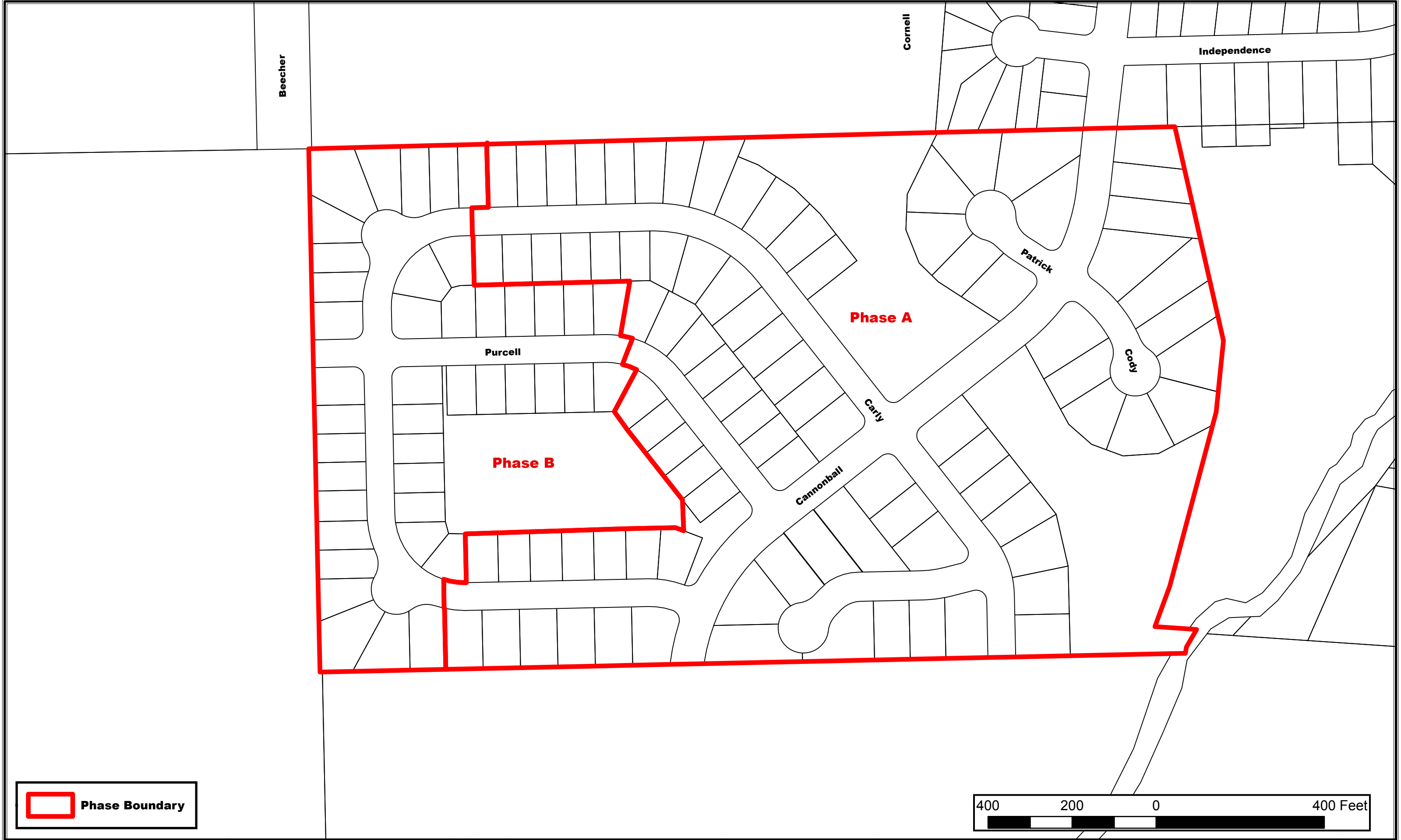
Notary Public

EXHIBIT A
BLACKBERRY WOODS SUBDIVISION - PHASE B
UNITED CITY OF YORKVILLE

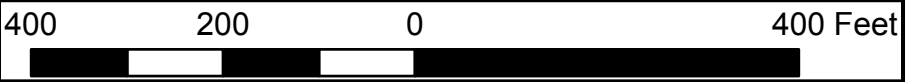
UTILITIES	UNIT	QUANTITY
SANITARY SEWER CONSTRUCTION		
SAN SEWER, 8" PVC SDR 26, 4-8' DEEP	FOOT	0
SAN SEWER, 8" PVC SDR 26, 8-12' DEEP	FOOT	223
SAN SEWER, 8" PVC SDR 26, 12-16' DEEP	FOOT	862
SAN SEWER, 8" PVC SDR 21, 12-16' DEEP	FOOT	0
SAN SEWER, 8" PVC DR 18, 4-8' DEEP	FOOT	0
SAN SEWER, 8" PVC DR 18, 20-24' DEEP	FOOT	544
SAN SEWER, 8" PVC DR 18, 24-28' DEEP	FOOT	201
SAN SEWER, 10" PVC DR 18, 12-16' DEEP	FOOT	0
SAN MH 4', TY A W/ TY 1 FR & SS LID, 4-8' DEEP	EACH	0
SAN MH 4', TY A W/ TY 1 FR & SS LID, 8-12' DEEP	EACH	2
SAN MH 4', TY A W/ TY 1 FR & SS LID, 12-16' DEEP	EACH	5
SAN MH 4', TY A W/ TY 1 FR & SS LID, 16-20' DEEP	EACH	0
SAN MH 4', TY A W/ TY 1 FR & SS LID, 24-28' DEEP	EACH	3
SAN MH 4', TY A W/ TY 1 FR & SS LID, 20-24' DEEP W/ DROP	EACH	1
SAN MH 4', TY A W/ TY 1 FR & SS LID, 28-32' DEEP W/ DROP	EACH	0
SANITARY SERVICE, 6" PVC SDR 26 (COMPLETE)	EACH	42
WATER MAIN CONSTRUCTION		
DI WM 8", CL 52 W/ POLYETHYLENE WRAP	FOOT	1,863
HYDRANT W/ AUX VALVE	EACH	7
8" VALVE IN 4' VAULT	EACH	5
WATER SERVICE 1 1/4", TY K W/ BOX	EACH	42
WATER TIGHT PLUG & BLOCKING	EACH	1
STORM SEWER CONSTRUCTION		
STORM SEWER, 12" RCP, CL I	FOOT	2,130
STORM SEWER, 15" RCP, CL I	FOOT	435
STORM SEWER, 18" RCP, CL I	FOOT	420
STORM SEWER, 21" RCP, CL I	FOOT	115
STORM SEWER, 24" RCP, CL I	FOOT	543
STORM SEWER, 27" RCP, CL I	FOOT	193
INLET TY A 2' DIA W/ TY 3 FR & GRATE	EACH	4
INLET TY A 2' DIA W/ R-2502 FR & GRATE	EACH	11
INLET TY A 2' DIA W/ TY 8 GRATE	EACH	2
CATCH BASINS, TY C 2' DIA W/ TY 3 FR & GRATE	EACH	1
CATCH BASINS, TY A 4' DIA W/ TY 3 FR & GRATE	EACH	5
CATCH BASINS, TY A 5' DIA W/ TY 3 FR & GRATE	EACH	1
STORM MH TY A 4' DIA W/ TY 1 FR & CL	EACH	1

EXHIBIT A
BLACKBERRY WOODS SUBDIVISION - PHASE B
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITY
STORM MH TY A 4' DIA W/ TY 3 FR & GRATE	EACH	1
STORM MH TY A 4' DIA W/ TY 8 GRATE	EACH	0
STORM MH TY A 4' DIA W/ TY 3 FR & CL	EACH	0
STORM MH TY A 4' DIA W/ R-2502 FR & GRATE	EACH	9
STORM MH TY A 5' DIA W/ TY 1 FR & CL	EACH	6
STORM MH TY A 5' DIA W/ TY 3 FR & GRATE	EACH	1
STORM MH TY A 5' DIA W/ TY 8 GRATE	EACH	1
STORM MH TY A 5' DIA W/ R-2502 DR & GRATE	EACH	1
STORM MH TY A 6' DIA W/ TY 1 FR & CL	EACH	0
FLARED END SECTION, 12" RCP W/ GRATE	EACH	1
FLARED END SECTION, 15" RCP W/ GRATE	EACH	0
FLARED END SECTION, 24" RCP W/ GRATE	EACH	1
FLARED END SECTION, 27" RCP W/ GRATE	EACH	1
SUMP PUMP CONNECT 6" PVC	EACH	42
MISCELLANEOUS UNDERGROUND CONSTRUCTION		
150 WATT HPS (CLEAR) LUMIN STD 19'-9" MOUNTING HEIGHT	EACH	6
150 WATT HPS (CLEAR) LUMIN STD 19'-9" MOUNTING HEIGHT W/ SIGN	EACH	0
SIDEWALK IMPROVEMENTS		
PCC SIDEWALK, 5 THICK - 5' WIDTH	SQ FT	19,650



 **Phase Boundary**





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

Agenda Item Number

New Business #6

Tracking Number

PW 2020-15

Agenda Item Summary Memo

Title: KKCOM Call for Projects – Application

Meeting and Date: Public Works Committee – February 18, 2020

Synopsis: Application Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:



Memorandum

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

Date: February 12, 2020
Subject: KKCOM – Call for Projects

Background:

The Kane-Kendall Council of Mayors (KKCOM) recently announced a call for projects in accordance with the attached document. Generally, KKCOM funds three types of projects, Reconstruction, Minor Rehabilitation and Preservation (Resurfacing). In recent times, the City has taken advantage of the program and has received funding for Game Farm Road (Reconstruction), Cannonball Trail (Resurfacing) and Mill Street (Resurfacing).

Question Presented:

Should the City submit an application for the 2020 Call for Projects?

Discussion:

In order to be eligible for federal funding, a roadway must have a FAU Route designation. An exhibit indicating the FAU routes in the City is attached.

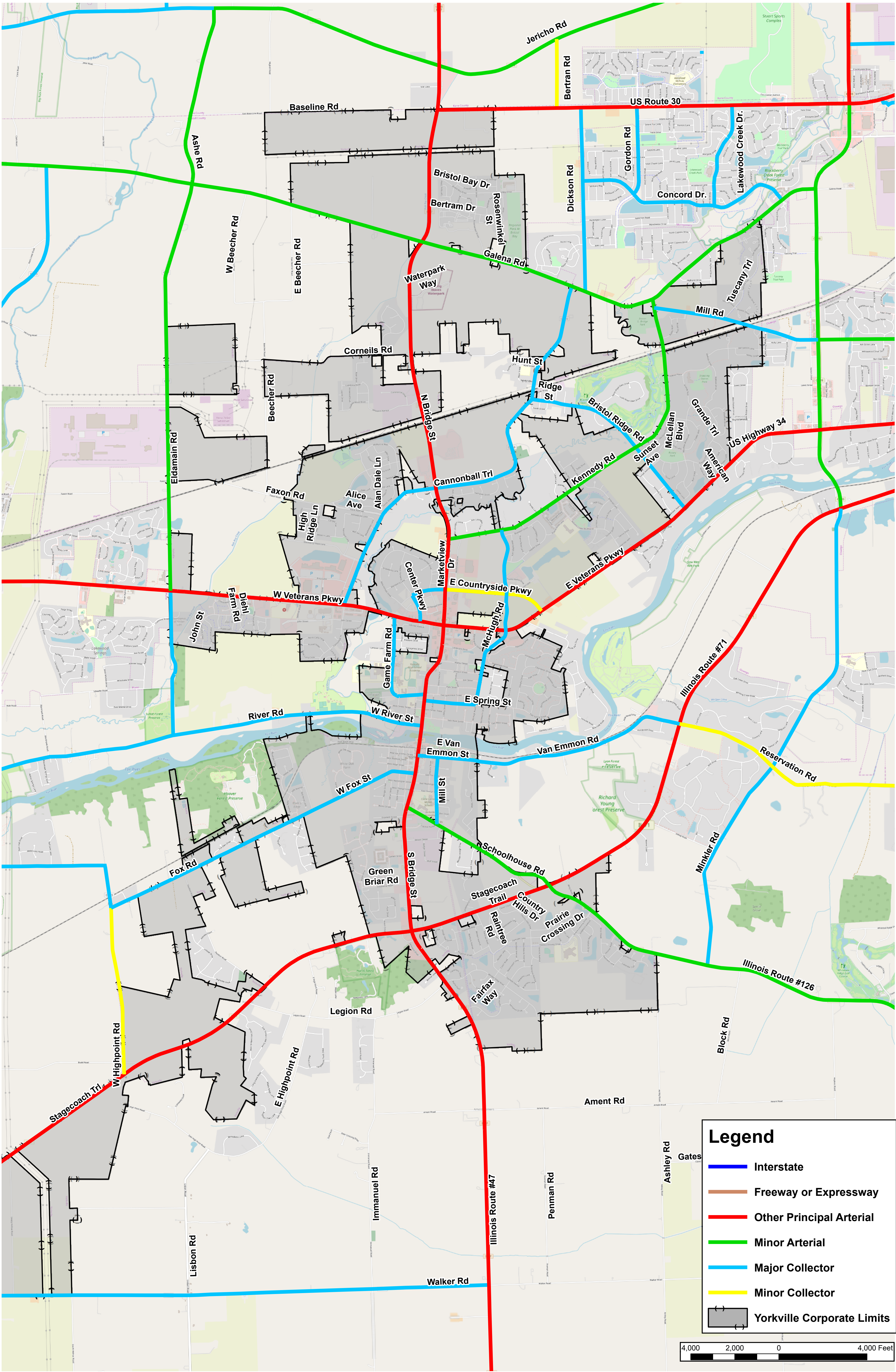
Staff has reviewed the City's eligible roadways and is recommending that Bristol Ridge Road be submitted for this particular call. Staff has preliminarily reviewed the potential rating/scoring of the project and has determined that it will most likely be the highest scoring eligible street in the City.

If selected, the project would be 75% funded (Construction only) by the KKCOM. We are estimating a total project cost of \$701,200 (\$474,900 STP, \$226,300 Local).

A copy of the project application along with the cost estimate is attached for your review.

Action Required:

Consideration of authorization to submit application for 2020 Call for Projects.



Legend

Interstate

Freeway or Expressway

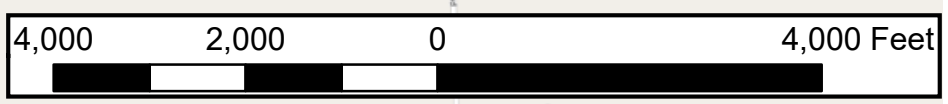
Other Principal Arterial

Minor Arterial

Major Collector

Minor Collector

Yorkville Corporate Limits





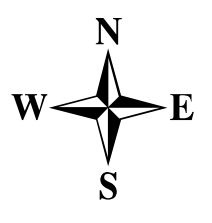
Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, Illinois 60554
(630) 466-6700
www.eeiweb.com

CITY OF YORKVILLE
Kendall County, IL

DATE:	January 2020
PROJECT NO.:	YO2000
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2020\YO2000
FILE:	YO2000 FAU ROUTE MAP.MXD

**FAU ROUTE MAP
CITY OF YORKVILLE**

LOCATION MAP





Your project has been saved

TIP ID: CFP09-20-0045

VERSION: 1

STATUS: I

LAST MODIFIED BY: Colleen Jaltuch

LAST MODIFIED DATE: 2/12/2020

TIP Programming

Obligation

Map

Project IDS

Documents

Amendment History

Administrative Area

CALL FOR PROJECTS

MODEL

CURRENT STATUS

EXEMPT STATUS

CONFORMITY STATUS

CONFORMITY DATE

20-23.09 CFP 2020-2024

Project Information

PROJECT TITLE

Spell Check

Bristol Ridge Road Resurfacing

PROJECT DESCRIPTION

Spell Check

Bristol Ridge Road will be milled (3") and resurfaced (3") from US Route 34 to Kennedy Road in Yorkville, Illinois. Pavement patching (less than 10%) and sidewalk spot repair (less than anticipated. Sidewalks, shared use path, and crossings will be upgraded as needed for ADA compliance.

PRELIMINARY ENGINEERING STATUS

Not Begun

PHASE 2 ENGINEERING IS COMPLETE?

Yes

No

PROJECT REQUIRES RIGHT OF WAY

Yes

No

IF YES, HAS OF WAY BEEN AC

Yes

No

PROJECT TYPE

Road Modernization

WORK TYPE

Please click here to select.....

[A-PMRK] SAFETY - PAVEMENT MARKING

[E-ADAMAIN] Maintain/Repair ADA Infrastructure

[E-PEDMAINT] Maintain Pedestrian Facility

[E-SharedMaint] Maintain Shared Path Facility

[H-PATCH] HIGHWAY/ROAD - PAVEMENT PATCHING

[H-RS] HIGHWAY/ROAD - RESURFACE (WITH NO LANE WIDENING)

MAJOR IMP GROUP

STP - Local

LEAD AGENCY (Programming Lead)

Kane/Kendall Council

COUNTY

KENDALL

MUNICIPALITY

YORKVILLE

APPLICANT CONTACT

Colleen Jaluch

PHONE (10-DIGIT)

(630)466-6700

EMAIL

cjaltuch@eeiweb.com

COMPANY NAME

Engineering Enterprises

SPONSOR AGENCY

YORKVILLE

SPONSOR SAM CAGE CODE

7VUG5

SPONSOR GATA REG NUMBER

686701

SYSTEM

Local Streets

LOCATION TYPE

Street Segment

LOCAL NAME OF ROUTE

Bristol Ridge Road

FROM

US Route 34

TO

Kennedy Road

DIST MILE(S)

0.58

IS MODELING?

Map

[ADD NEW LOCATION]

OTHER PROJECT LOCATION INFORMATION

Proposed Funding Information (\$0)

Prior Fund(s)

FFY (OCT-SEPT)	FUND TYPE	ENG I	ENG II	ROW	CON	CE	TOTAL
2021	Local Funds	\$11,400	\$56,600	\$0	\$0	\$0	\$68,000
2022	Local Funds	\$0	\$0	\$0	\$141,325	\$16,975	\$158,300
2022	STP - Locally Prgmd	\$0	\$0	\$0	\$423,975	\$50,925	\$474,900
							\$0
							\$0
FFY 2021		\$11,400	\$56,600	\$0	\$0	\$0	\$68,000
FFY 2022		\$0	\$0	\$0	\$565,300	\$67,900	\$633,200
Local Funds		\$11,400	\$56,600	\$0	\$141,325	\$16,975	\$226,300
STP - Locally Prgmd		\$0	\$0	\$0	\$423,975	\$50,925	\$474,900
GRAND TOTAL		\$11,400	\$56,600	\$0	\$565,300	\$67,900	\$701,200

☒ ESTIMATED TOTAL PROJECT COST IS EQUAL TO TOTAL PROGRAMMED \$

Schedule Info

CURRENT IMPLEMENTATION STATUS

Project scoping

OPEN TO TRAFFIC

2022

TARGET FEDERAL AUTHORIZATIONS AND CONSTRUCTION LETTING (MONTH/YEAR)

ENG I

ENG II

ROW

CON/CE

SEGMENT

MTH/QTR YEAR

MTH/QTR YEAR

MTH/QTR YEAR

MTH/QTR YEAR

SCHEDULED START

Q4

2020

Q3

2021

Q2

2022

[ADD NEW SCHEDULE]

Project Questions

☐ Project is split from another project. The TIP ID is

☐ Project is a combination of multiple projects. The TIP ID(s)

CMAP

 CFP Tools



☐

☐ Includes elements to specifically address the movement of freight? Estimated total cost

TIP ID: CFP09-20-0045

VERSION: 1

STATUS: I

LAST MODIFIED BY: Colleen Jaltuch LAST MODIFIED DATE: 2/12/2020

☐ Project may influence TRANSIT SAFETY performance targets
☐ Project may influence TRANSIT ASSET CONDITION performance targets
☒ Project may influence PAVEMENT CONDITION performance targets
☐ Project may influence BRIDGE CONDITION performance targets
☐ Project may influence TRAVEL RELIABILITY/CONGESTION performance targets
☐ Project may influence NON-SOV TRAVEL performance targets
☐ Project may influence EMISSIONS REDUCTION performance targets
☐ None of the questions above apply to this project

Change Reason

☐ COMPLETE PROJECT
☐ DELETE PROJECT
☐ DELAY PROJECT
☒ NEW PROJECT

NARRATIVE - LAST UPDATED: 2/10/2020 - [GUIDANCE](#) [Spell Check](#)
This project will be a LAFO project generally consisting of milling, patching, resurfacing, and spot sidewalk repairs.

PROJECT CHANGES (FROM PREVIOUS VERSION): Local Funds
- Add funds in FFY 21 in ENG 1 for \$11,400 ENG 2 for \$56,600
- Add funds in FFY 22 in CON for \$141,325 CE for \$16,975
STP - Locally Prgmd
- Add funds in FFY 22 in CON for \$423,975 CE for \$50,925

Total project cost \$701,200

Save

Save As Final

Save and Submit



Engineering Enterprises, Inc.

52 Wheeler Road, Sugar Grove, IL 60554

JOB NO:		
DESIGNED:		BCS/CCJ
DATE:		February 10, 2020
PROJECT TITLE:	Bristol Ridge Road Resurfacing (LAFO Improvements) Kennedy Rd to US 34 (3080 LF)	

Preliminary Cost Estimate					
ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,190.0	\$ 6.00	\$ 13,140.00
25200110	SODDING, SALT TOLERANT	SQ YD	2,190.0	\$ 9.00	\$ 19,710.00
25200200	SUPPLEMENTAL WATERING	UNIT	100.0	\$ 50.00	\$ 5,000.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10.0	\$ 1.00	\$ 10.00
40603082	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N50	TON	1,450.0	\$ 75.00	\$ 108,750.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,450.0	\$ 70.00	\$ 101,500.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	30.0	\$ 20.00	\$ 600.00
42400800	DETECTABLE WARNINGS	SQ FT	8.0	\$ 30.00	\$ 240.00
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	16,806.0	\$ 3.50	\$ 58,821.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	410.0	\$ 10.00	\$ 4,100.00
44000600	SIDEWALK REMOVAL	SQ FT	30.0	\$ 2.00	\$ 60.00
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	170.0	\$ 50.00	\$ 8,500.00
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	170.0	\$ 45.00	\$ 7,650.00
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	510.0	\$ 40.00	\$ 20,400.00
60603800	COMBINATION CONCRETE CURB AND GUTTER,TYPE B-6.12	FOOT	410.0	\$ 22.00	\$ 9,020.00
67100100	MOBILIZATION	L SUM	1.0	\$ 30,000.00	\$ 30,000.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	\$ 20,000.00	\$ 20,000.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	\$ 5,000.00	\$ 5,000.00
70106800	CHANGEABLE MESSAGE SIGN	MO	4.0	\$ 1,500.00	\$ 6,000.00
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	770.0	\$ 2.50	\$ 1,925.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5,710.0	\$ 1.00	\$ 5,710.00
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	260.0	\$ 3.00	\$ 780.00
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	312.0	\$ 7.50	\$ 2,340.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,710.0	\$ 1.50	\$ 8,565.00
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7,350.0	\$ 2.00	\$ 14,700.00
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	440.0	\$ 5.00	\$ 2,200.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40.0	\$ 10.00	\$ 400.00
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	150.0	\$ 30.00	\$ 4,500.00
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	150.0	\$ 10.00	\$ 1,500.00
XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	180.0	\$ 55.00	\$ 9,900.00
				SUBTOTAL	\$ 471,021.00

JOB NO:		
DESIGNED:		BCS/CCJ
DATE:		February 10, 2020
PROJECT TITLE:		Bristol Ridge Road Resurfacing (LAFO Improvements) Kennedy Rd to US 34 (3080 LF)

	TOTAL CONSTRUCTION COSTS (A) - SEE FIRST SHEET	\$ 471,021.00
	CONTINGENCY (20%) (B=A*0.2)	\$ 94,210.00
	TOTAL CONS. COST W/ CONTINGENCY AND 3% INFLATION UNTIL 2022 (C=A*1.03^2+B)	\$ 565,300.00
	PHASE I ENGINEERING (2%) (D = 0.02*C)	\$ 11,400.00
	PHASE II ENGINEERING (10%) (E = 0.1*C)	\$ 56,600.00
	RIGHT OF WAY (F)	\$ -
	PHASE III ENGINEERING AND MATERIAL TESTING (12%) (G=0.12*C)	\$ 67,900.00
	ESTIMATED PROJECT TOTAL (H = C+D+E+F+G)	\$ 701,200.00

	Local Funding Percentage	STP Funding Percentage
Engineering - Phase I:	100%	0%
Engineering - Phase II:	100%	0%
ROW:	100%	0%
Engineering - Phase III:	25%	75%
Construction:	25%	75%

	Estimated Cost (enter most recent cost)	Funding Request	Projected Fiscal Year
Engineering - Phase I:	\$ 11,400.00	\$ -	2021
Engineering - Phase II:	\$ 56,600.00	\$ -	2021
ROW:	\$ -	\$ -	
Engineering - Phase III:	\$ 67,900.00	\$ 50,925.00	2022
Construction:	\$ 565,300.00	\$ 423,975.00	2022
Total:	\$ 701,200.00	\$ 474,900.00	

	Local Funding
Engineering - Phase I:	\$ 11,400.00
Engineering - Phase II:	\$ 56,600.00
ROW:	\$ -
Engineering - Phase III:	\$ 16,975.00
Construction:	\$ 141,325.00
Total:	\$ 226,300.00

Chairman

Jeffery Schielke
Mayor
City of Batavia

Vice Chairman

John Skillman
President
Village of Carpentersville

CMAP Committee

Representatives

Chris Lauzen
Kane County Chairman
MPO Policy Committee

Scott Gryder
Kendall County Chairman
MPO Policy Committee

Jeffery Schielke
Council of Mayors
Executive Committee Chair
MPO Policy Committee

Matthew Brolley
CMAP Board

MPO Policy Committee

Municipal Members

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City of Aurora
Village of Big Rock
Village of Burlington
Village of Campton Hills
Village of East Dundee
Village of Elburn
City of Elgin
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City of Sandwich
Village of Steeple Hollow
Village of South Elgin
City of St. Charles
Village of Sugar Grove
Village of Virgil
Village of Wayne
Village of West Dundee
City of Yorkville

County Members

Kane County
Kendall County



KANE KENDALL COUNCIL OF MAYORS



COUNCIL STAFF

Thomas B. Rickert
Executive Director

Jacqueline L. Forbes
Council Director

Ryan D. Peterson
Planning Liaison

Troy M. Simpson
Planning Liaison

DATE: January 23rd, 2020

TO: 2020 STP-L Applicants

FROM: Council Staff

RE: FY2021-2025 KKOM STP-L Call for Projects

The KKOM STP-L Call for Projects for FFY2021-FFY2025 opened on January 15th, 2020. We would like to thank those who attended our workshops and have information to share with potential applicants:

Schedule (Tentative)

[2020 Deadlines and Actions](#)

This schedule is most applicable to municipal budgeting/planning. It details approval/award determination and the earliest possible lettings in 2021.

Council Marks (Draft- assumed)

[\[DRAFT\] FFY21-FFY25 Council STP-L Marks](#)

These marks are only estimates and are provided to demonstrate exact limitations on Council STP funds in each year. Project sponsors should review their total project STP request against these numbers in each fiscal year and keep in mind that if a phase cannot fit, it cannot obligate in that year. Projects may have gap years, ex. Phase 2 2022, ROW 2023, CON CE 2025 (skipping a program year).

Scoring

[KKCOM STP Methodology](#)

[KKCOM STP Programming Policies and Procedures](#)

These documents provide the scoring methodology and programming rules for the KKOM STP program. The Methodology applies more to scoring, where the Policies and Procedures apply more to administrative provisions.

Application Supplement

[KKCOM STP-L Application Supplement](#)

This document is required solely to provide KKOM staff information on projects that is not easily or not at all presented in the eTIP. The document is essentially the KKOM methodology in spreadsheet form.

Technical Guidance

[eTIP User Guide](#)

[eTIP Sample Project](#) (with eTIP User Guide pages for reference)

All of the above documents are available on the [STP Program](#) page of the KKOM website. Instructions on how to start the application process are on the following page.

General Instructions:

eTIP

This is the web interface for CMAP's Transportation Improvement Program. You will use this to enter most of the information you have regarding your project, as well as attach supporting documentation.

1. Navigate to the [eTIP webpage](#).
2. Create an account (if not created prior)
3. Log in and select "Amend CFP".
4. "Create New Project" or "Add Funding to Existing Project".
5. Fill out/modify application (*see the eTIP User Guide and eTIP Sample Project Application above for how to enter data into each field and save/submit*)

KKCOM STP-L Application Supplement

1. Review "Info and Resources" tab for a summary of scoring methods, resources, and where information should be indicated.
2. Fill out all applicable information under the "STP-L Application Supplement" tab (Information provided in the eTIP and Application supplement covers sections A and B of the STP Methodology.)
3. Check the eTIP attachments checklist tab to ensure that all requirements have been met.
4. Attach the supplement in the eTIP application with all other documents under the "documents" tab.

Those with questions feel free to e-mail planningstaff@co.kane.il.us with "2020 CFP Question" in the subject line so staff can track to make a list of FAQs.



STP-L Call for Projects (FFY21-FFY25) Tentative Schedule

Dates	Actions/Deadlines
January 2020	Call for projects opens (January 15th)
March 2020	Call for projects closes (March 15th)
April-May 2020	KKCOM staff scores applications
June 2020	Staff recommended draft program published
June-July 2020	Public comment period
July 2020	KKCOM Transportation Policy Committee considers recommended program
September 2020	CMAP Transportation Committee considers TIP revisions (with awarded projects included)
October 2020	MPO Policy Committee considers TIP for final approval
April-June 2021	First possible letting for new projects