



## 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, January 21, 2020

6:00 p.m.

City Hall Conference Room  
800 Game Farm Road, Yorkville, IL

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#### Citizen Comments:

Minutes for Correction/Approval: November 19, 2019

#### New Business:

1. PW 2020-01 Snow Operations Report
2. PW 2020-02 Water Department Reports for October, November, and December 2019
3. PW 2020-03 Capital Improvement Projects Update
4. PW 2020-04 Quarterly Bond and Letter of Credit Reduction Summary
5. PW 2020-05 2019 Road to Better Roads Program – Request for Change in Plans and Engineer's Final Payment Estimate
6. PW 2020-06 MFT Resolution for 2020 Road to Better Roads Program
7. PW 2020-07 Raintree Village – Stop Sign – Bluebird Lane at Prairie Crossing Drive
8. PW 2020-08 Purchase of Two Truck Dump Bodies and Salt Spreaders
9. PW 2020-09 Oxcart Truck Permitting System and Overweight Permitting Fees Discussion

#### 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, January 21, 2020**  
**6:00 PM**  
CITY HALL CONFERENCE ROOM

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**CITIZEN COMMENTS:**

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**MINUTES FOR CORRECTION/APPROVAL:**

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1. November 19, 2019

- ☐ Approved \_\_\_\_\_
- ☐ As presented
- ☐ With corrections

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**NEW BUSINESS:**

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1. PW 2020-01 Snow Operations Report

- ☐ Moved forward to CC \_\_\_\_\_
  - ☐ Approved by Committee \_\_\_\_\_
  - ☐ Bring back to Committee \_\_\_\_\_
  - ☐ Informational Item
  - ☐ Notes \_\_\_\_\_
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2. PW 2020-02 Water Department Reports for October, November, and December 2019

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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3. PW 2020-03 Capital Improvement Projects Update

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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**ADDITIONAL BUSINESS:**

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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 – November 19, 2019

**Meeting and Date:** Public Works Committee – January 21, 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:

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*Have a question or comment about this agenda item?*

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# DRAFT

**UNITED CITY OF YORKVILLE  
PUBLIC WORKS COMMITTEE  
Tuesday, November 19, 2019, 6:00pm  
Yorkville City Hall, Conference Room  
800 Game Farm Road**

**IN ATTENDANCE:**

**Committee Members**

Vice-Chairman Ken Koch  
Alderman Chris Funkhouser

Alderman Seaver Tarulis  
Alderman Joe Plocher

**Other City Officials**

Assistant City Administrator Erin Willrett    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

**Minutes for Correction/Approval:** October 15, 2019

The minutes were approved as presented.

**New Business:**

***1. PW 2019-71 Snow Operations Report***

Mr. Dhuse said 60 tons of salt were used already since the early snow and that pure salt is being used since the brineholders are not installed in all the trucks yet. He said some trucks are still equipped for leaf hauling.

***2. PW 2019-72 East Orange Street Water Main Improvements – Change Order No. 1***

Mr. Sanderson said this project is nearly complete with just two punchlist/restoration items to finish in the spring. This is a balancing change order and he added that some additional pavement work had been authorized by the City without a formal change order. This is an increase of \$55,020.42, however, less than the amount authorized by the Council. The committee was OK with this action and it moves forward to City Council.

**3. *PW 2019-73 Purchase of New Truck***

This is a budgeted truck purchase for the Sewer Department and the truck is already outfitted with tools. The previous utility truck was given to the Water Department. The Committee approved this purchase.

**4. *PW 2019-74 Raintree Village Subdivision Units 4, 5, and 6 – Stop Sign Analysis***

Since some construction has resumed here, Mr. Sanderson said the engineers looked at the need for stop signs and made some recommendations based on standard criteria. Some signs had also been proposed in the original plans.

**Old Business:** None

**Additional Business:**

Ms. Willrett added that the Kendall County TAP grant will be available again and applications are due in December. This discussion will be brought back to the December Public Works meeting.

There was no further business and the meeting was adjourned at 6:08pm.

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 2020-01

### Agenda Item Summary Memo

**Title:** December and January Snow report

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** Update on salting and plowing for December 2019 and January 2020

### Council Action Previously Taken:

Date of Action: \_\_\_\_\_ Action Taken: \_\_\_\_\_

Item Number: \_\_\_\_\_

**Type of Vote Required:** None, informational item

**Council Action Requested:** None

**Submitted by:** Eric Dhuse Public Works  
Name Department

### Agenda Item Notes:

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# Memorandum

To: Public Works Committee  
From: Eric Dhuse, Director of Public Works  
CC: Bart Olson, Administrator  
Date: January 6, 2020  
Subject: Snow Report

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## **Summary**

Below are the salt and brine usage data tables for the months of December 2019, and January 2020 as completed on January 13, 2020.

## **Background**

At this time, we have been fortunate that we have had relatively small events that we have been able to take care of with a plowing pass in each direction and salting. We are very thankful for this and hope that this trend continues.

With the weather conditions, we were only able to perform anti-icing operations for one event. During this time, we brined approximately 126 lane miles of roadway with 4800 gallons of brine for an average of 38 gal/mile.

Now that we have had time to go through the trucks and get them ready for winter, we have had relatively good luck. Truck 9 was down for two weeks with a radiator leak, and truck 11 was down this last event due to a blown brine pump. Both trucks were up and running for our last event we had on January 11<sup>th</sup>. We are still working with a Sourcewell vendor to try and get two dump bodies replaced along with the salt spreaders and hydraulic system that are needed to power them. With these upgrades, we are switching to hydraulic brine pumps that will give us the capabilities to increase our brine rates if necessary.

## **Recommendation**

I would ask that this be placed on the January 21, 2020 public works committee agenda as an informational item for discussion.

## Snow Operations Salt and Brine Data 2019-2020

Snow Event Date		12/12/2019								
Date of Recording		12/13/2019								
Recorder	ED									
		Total Miles	Average	Lbs of	Tons of	Lbs of	Gallons of	Gal Brine/	Salt	Brine
Route	Truck ID	Driven	MPH	Salt Used	Salt Used	Salt/Mi.	Brine Used	Ton Salt	Miles	Miles
1	9	0	0.00	0	0.00		0		0.00	0.00
2	27	257	8.20	39960	19.98	326	0	0.00	122.50	0.00
3	No Data Available. Route driven by small trucks with no recording capabilities.									
4	13	43	6.90	10136	5.07	331	33	53.00	30.60	53.00
5	23	36	4.80	9588	4.79	369	112	113.00	28.60	113.00
6	10	38	5.30	10542	5.27	258	0	0.00	34.50	0.00
7	28	54	8.00	8918	4.46	310	41	18.50	28.80	74.00
8	22	0	0.00	0	0.00		110	24.60	0.00	109.00
9	11	44	13.90	10435	5.22	307	147	0.00	34.00	0.00
EVENT TOTALS		471	5.89	89579	45	316.85	443	29.87	279	349
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										

## Snow Operations Salt and Brine Data 2019-2020

Snow Event Date		12/16/2019								
Date of Recording		12/17/2019								
Recorder	ED									
		Total Miles	Average	Lbs of	Tons of	Lbs of	Gallons of	Gal Brine/	Salt	Brine
Route	Truck ID	Driven	MPH	Salt Used	Salt Used	Salt/Mi.	Brine Used	Ton Salt	Miles	Miles
1	9	0	0.00	0	0.00		0		0.00	0.00
2	27	45	11.30	15227	7.61	485	164	21.54	31.40	0.00
3	No Data Available. Route driven by small trucks with no recording capabilities.									
4	13	50	11.20	16107	8.05	496	33	4.10	32.50	0.00
5	23	53	11.80	17322	8.66	399	112	12.93	35.20	0.00
6	10	36	11.00	14057	7.03	273	0	0.00	28.10	0.00
7	28	48	5.80	7671	3.84	335	41	10.69	26.80	0.00
8	22	46	4.80	8968	4.48	660	110	24.53	24.90	0.00
9	11	44	4.80	16441	8.22	501	147	17.88	32.80	0.00
EVENT TOTALS		321	7.59	95793	48	449.86	607	13.10	212	0
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										

## Snow Operations Salt and Brine Data 2019-2020

[illegible]

## Snow Operations Salt and Brine Data 2019-2020

Snow Event Date		1/4/2020								
Date of Recording		1/6/2020								
Recorder	ED									
		Total Miles	Average	Lbs of	Tons of	Lbs of	Gallons of	Gal Brine/	Salt	Brine
Route	Truck ID	Driven	MPH	Salt Used	Salt Used	Salt/Mi.	Brine Used	Ton Salt	Miles	Miles
1	9	45	5.50	10072	5.04	403	42	8.34	25.00	25.00
2	27	43	16.00	12314	6.16	410	154	25.01	30.00	30.00
3	No Data Available. Route driven by small trucks with no recording capabilities.									
4	13	43	16.00	14297	7.15	397	101	14.13	36.00	36.00
5	23	45	19.00	10954	5.48	319	119	21.73	29.00	29.00
6	10	32	16.00	9239	4.62	477	48	10.39	23.00	23.00
7	28	40	16.00	10962	5.48	333	72	13.14	29.00	29.00
8	22	46	18.00	9643	4.82	0	115	23.85	24.00	24.00
9	11	0	0.00	0	0.00		0		0.00	0.00
EVENT TOTALS		294	13.31	77481	39	334.03	651	16.66	196	196
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										

Snow Event Date		1/11/2020								
Date of Recording		1/13/2020								
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	82	10.70	20925	10.46	450	82	7.84	46.50	23.00
2	27	78	16.60	26066	13.03	457	124	9.51	57.00	32.00
3	3, 14	30.00	12.00	8000.00	4.00	400	0.00	0.00	20.00	0.00
4	13	89	18.30	27124	13.56	445	25	1.84	61.00	32.00
5	23	82	12.00	25789	12.89	437	140	10.86	59.00	59.00
6	10	64	13.00	26429	13.21	448	61	4.62	59.00	30.00
7	28	61	15.00	13030	6.52	420	32	4.91	31.00	16.00
8	22	83	14.00	18498	9.25	430	110	11.89	43.00	23.00
9	11	79	14.00	23980	11.99	452	125	10.43	53.00	26.00
EVENT TOTALS		618	14.20	181841	91	442.50	699	7.74	410	241
			Avg.			Avg.		Avg.		
Out with Mechanical Problems										



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 #2

Tracking Number

PW 2020-02

### Agenda Item Summary Memo

**Title:** Water Department Reports for October, November, and December 2019

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** Required monthly water reports

#### 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:

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# United City of Yorkville

## WATER DEPARTMENT REPORT

October 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	18,033,000
7	1527	1125	430	7,686,000
8	1384	840	456	1,140,000
9	1368	861	509	23,987,000
TOTAL TREATED				50,846,000

CURRENT MONTH'S PUMPAGE IS 4,356,000 GALLONS **LESS THAN LAST MONTH**  
3,493,000 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,640,194 GALLONS  
DAILY MAXIMUM PUMPED: 2,070,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 77.69 GALLONS

### WATER TREATMENT:

CHLORINE: 1,262 LBS. FED CALCULATED CONCENTRATION: 3.31 MG/L  
FLUORIDE: 105 LBS. FED MEASURED CONCENTRATION: .78 MG/L  
POLYPHOSPHATE: 1,155 LBS. FED CALCULATED CONCENTRATION: 1.06 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
23 SATISFACTORY        UNSATISFACTORY (EXPLAIN)

FLOURIDE: 13 SAMPLE(S) TAKEN CONCENTRATION: 0.78 MG/L

### MAINTENANCE:

NUMBER OF METERS REPLACED: 6 NUMBER OF LEAKS OR BREAKS REPAIRED: 1  
MXU'S: 9 BATTERIES REPLACED:       

### NEW CUSTOMERS:

RESIDENTIAL: 21 COMMERCIAL: 1 INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:



# United City of Yorkville

## WATER DEPARTMENT REPORT

November 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	11,696,000
7	1527	1125	430	7,558,000
8	1384	840	456	10,317,000
9	1368	861	509	14,662,000
TOTAL TREATED				44,233,100

CURRENT MONTH'S PUMPAGE IS 6,612,900 GALLONS **LESS THAN LAST MONTH**  
735,000 GALLONS **MORE THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,474,437 GALLONS  
DAILY MAXIMUM PUMPED: 1,859,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 71.37 GALLONS

### WATER TREATMENT:

CHLORINE: 1,078 LBS. FED CALCULATED CONCENTRATION: 3.18 MG/L  
FLUORIDE: 55 LBS. FED MEASURED CONCENTRATION: .82 MG/L  
POLYPHOSPHATE: 1203 LBS. FED CALCULATED CONCENTRATION: 1.06 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
23 SATISFACTORY        UNSATISFACTORY (EXPLAIN)

FLOURIDE: 4 SAMPLE(S) TAKEN CONCENTRATION: 0.78 MG/L

### MAINTENANCE:

NUMBER OF METERS REPLACED: 5 NUMBER OF LEAKS OR BREAKS REPAIRED: 1  
MXU'S: 3 BATTERIES REPLACED:       

### NEW CUSTOMERS:

RESIDENTIAL: 19 COMMERCIAL:        INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:



# United City of Yorkville

## WATER DEPARTMENT REPORT

December 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	10,067,000
7	1527	1125	430	7,673,400
8	1384	840	456	14,270,000
9	1368	861	509	12,978,000
TOTAL TREATED				44,988,400

CURRENT MONTH'S PUMPAGE IS 755,300 GALLONS **MORE THAN LAST MONTH**  
705,600 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,451,239 GALLONS  
DAILY MAXIMUM PUMPED: 2,001,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 69.07 GALLONS

### WATER TREATMENT:

CHLORINE: 1,117 LBS. FED CALCULATED CONCENTRATION: 3.29 MG/L  
FLUORIDE: 0 LBS. FED MEASURED CONCENTRATION: .81 MG/L  
POLYPHOSPHATE: 1063 LBS. FED CALCULATED CONCENTRATION: 1.10 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
23 SATISFACTORY        UNSATISFACTORY (EXPLAIN)

FLOURIDE: 3 SAMPLE(S) TAKEN CONCENTRATION: 0.81 MG/L

### MAINTENANCE:

NUMBER OF METERS REPLACED: 1 NUMBER OF LEAKS OR BREAKS REPAIRED:         
MXU'S: 5 BATTERIES REPLACED:       

### NEW CUSTOMERS:

RESIDENTIAL: 17 COMMERCIAL:        INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:



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 #3

Tracking Number

PW 2020-03

### Agenda Item Summary Memo

**Title:** Capital Project Update

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** Status Update

#### Council Action Previously Taken:

Date of Action: \_\_\_\_\_ Action Taken: \_\_\_\_\_

Item Number: \_\_\_\_\_

**Type of Vote Required:** \_\_\_\_\_

**Council Action Requested:** None

**Submitted by:** Brad Sanderson Engineering  
Name Department

#### Agenda Item Notes:

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tweet us at @CityofYorkville, and/or contact any of your elected officials at [http://www.yorkville.il.us/gov\\_officials.php](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: December 20, 2019  
Subject: Capital Improvement Projects Update

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

## **Construction Projects**

### 2019 RTBR

The project is substantially complete. The contractor will be completing the remaining punchlist items.

### Rt 71 Water main and Sanitary Sewer Relocation

The water main and sanitary sewer are fully complete.

### East Orange Street Water Main Improvements

The project is substantially complete. The contractor will be completing the remaining punchlist items in the spring.

### Church Street Sanitary Sewer Improvements

The project is fully complete.

## **Planning/Design Projects**

### Mill Road Reconstruction

Final design is approximately 95% complete. ROW acquisition is complete. Comed will begin relocating power poles in January. A draft railroad agreement has been provided to City Staff. Funding is pending the developer.

### 2020 RTBR

Design Engineering has begun. We are anticipating a March 2020 letting.

### Elizabeth Street Water Main Replacement

Design Engineering has begun. We are anticipating a March 2020 letting.

### Well No. 7 Generator

Design Engineering has begun. We are anticipating receiving the IEPA Construction Permit in January 2020, with letting shortly thereafter.

### Water Treatment Plans 8/9 Media Replacement

Design Engineering has begun. We are anticipating a January 2020 letting.



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

Agenda Item Number

New Business #4

Tracking Number

PW 2020-04

### Agenda Item Summary Memo

**Title:** Bond/LOC Reduction Summary – December 31, 2019

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** Informational

### Council Action Previously Taken:

Date of Action: \_\_\_\_\_ Action Taken: \_\_\_\_\_

Item Number: \_\_\_\_\_

**Type of Vote Required:** \_\_\_\_\_

**Council Action Requested:** Informational

**Submitted by:** Brad Sanderson Engineering  
Name Department

### Agenda Item Notes:

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*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](mailto:agendas@yorkville.il.us), post at [www.facebook.com/CityofYorkville](https://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](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: December 31, 2019  
Subject: 2019 Bond/LOC Reduction Summary – To Date

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Please see the attached reduction summary through December 31, 2019. If you have any questions, please let me know.

## 2019 Bond and Letter of Credit Reduction Report

Date	Development/Project	Engineer Concurrence	City Administrator Concurrence	Mayor Concurrence	Reduction	Final Release	Reduction Value	Remaining Balance
2/26/2019	Windett Ridge - Unit 1	X	X			X	\$ 66,478.00	\$ -
3/7/2019	Kendall Marketplace - Residential	X	X		X		\$ 267,271.60	\$ 115,980.40
3/28/2019	Heartland Meadows	X	X		X		\$ 71,711.75	\$ 326,754.00
6/19/2019	Blackberry Woods - Phase B (#159)	X	X			X	\$ 111,159.84	\$ -
6/19/2019	Blackberry Woods - Phase B (#222)	X	X			X	\$ 159,993.38	\$ -
7/23/2019	Cedarhurst	X	X		X		\$ 199,418.00	\$ 3,778.00
8/20/2019	Casey's	X	X			X	\$ 7,603.80	\$ -
8/27/2019	Grande Reserve Unit 2	X	X			X	\$ 124,225.41	\$ -
8/27/2019	Grande Reserve Unit 5	X	X			X	\$ 109,456.65	\$ -
9/17/2019	Restore Church	X	X		X	X	\$ 26,572.00	\$ -
9/17/2019	Restore Church	X	X		X		\$ 133,308.00	\$ 25,200.00
11/4/2019	Raging Waves	X	X			X	\$ 12,645.00	\$ -
11/4/2019	Raging Waves	X	X			X	\$ 21,510.00	\$ -
12/18/2019	Pt of Lot 4 - Kendall Crossing (Hacienda Real)	X	X			X	\$ 4,296.00	\$ -



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

Agenda Item Number

New Business #5

Tracking Number

PW 2020-05

### Agenda Item Summary Memo

**Title:** 2019 Road to Better Roads Program

**Meeting and Date:** Public Works Committee – January 21, 2020

**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:

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# 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: December 20, 2019  
Subject: 2019 Roads to Better Roads Program

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The 2019 Roads to Better Roads Program was awarded to D Construction Co., 1488 S. Broadway Street, Coal City, IL 60416 at total awarded value of \$624,997.07. The project is now complete and accepted. The project came in \$71,517.33 under budget for a Final Construction Cost of \$553,479.75. 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.



# Illinois Department of Transportation

## Request for Approval of Change in Plans

Date: 10/17/2019

County: Kendall

Request No. 1 ☒ Final

Road District or Municipality: City of Yorkville

Contractor: D Construction Inc

Section No. 19-00000-00-GM

Address: 1488 South Broadway

Coal City, IL 60416

I recommend that this deduction be made from the above contract.  
(addition, extension, deduction) (to, from)

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	Quantity	Unit Price	Addition(A) or Deduction(D)	Total Addition	Total Deduction
BITUMINOIS MATLS (TACK COAT)	LB	16818.00	0.01	A	\$ 168.18	\$ -
HMA SURF REM - BUTT JOINT	SY	0.00	10.00		\$ -	\$ -
LVL BND (MACHINE MTHD) N50	TON	388.80	63.00	D	\$ -	\$ 24,494.40
HMA SURF COURSE "D" N50	TON	305.30	63.00	A	\$ 19,233.90	\$ -
PCC SIDEWALK, 5 INCH	SF	334.00	6.25	A	\$ 2,087.50	\$ -
DETECTABLE WARNING	SF	7.00	25.00	D	\$ -	\$ 175.00
HMA SURF REM, VARIABLE	SY	2231.50	1.45	A	\$ 3,235.68	\$ -
SIDEWALK REMOVAL	SF	412.70	2.00	A	\$ 825.40	\$ -
CLASS D PATCHES, TY I, 2 IN	SY	868.10	25.00	D	\$ -	\$ 21,702.50
CLASS D PATCHES, TY II, 2 IN	SY	774.70	23.00	D	\$ -	\$ 17,818.10
CLASS D PATCHES, TY III, 2 IN	SY	823.80	22.00	D	\$ -	\$ 18,123.60
CLASS D PATCHES, TY IV, 2 IN	SY	1391.90	20.00	D	\$ -	\$ 27,838.00
MANHOLES TO BE ADJUSTED	EA	2.00	400.00	D	\$ -	\$ 800.00
MH TO BE ADJ W/ NEW FR & L	EA	2.00	550.00	A	\$ 1,100.00	\$ -
SAN MH TO BE ADJUSTED	EA	0.00	550.00		\$ -	\$ -
SAN MH TO BE ADJ W/ NEW F&L	EA	0.00	700.00		\$ -	\$ -
INLETS TO BE ADJUSTED	EA	12.00	350.00	D	\$ -	\$ 4,200.00
THPL PVMNT MARK - LET&SYME	SF	124.00	4.95	A	\$ 613.80	\$ -
THPL PVMNT MARK - 4 INCH	LF	5472.00	0.52	D	\$ -	\$ 2,845.44
THPL PVMNT MARK - 6 INCH	LF	1814.00	1.37	A	\$ 2,485.18	\$ -
THPL PVMNT MARK - 12 INCH	LF	745.00	2.75	D	\$ -	\$ 2,048.75
THPL PVMNT MARK - 24 INCH	LF	162.00	5.50	A	\$ 891.00	\$ -
RAISED REFL PAVMT MRK REM	EA	22.00	7.00	D	\$ -	\$ 154.00
SODDING, SPECIAL	SY	40.00	15.00	A	\$ 600.00	\$ -
SUPPLEMENTAL WATERING	UNIT	5.00	1.00	D	\$ -	\$ 5.00
ROUTE AND SEAL CRACK	LF	919.00	0.43	D	\$ -	\$ 395.17
BRICK DW REMOVAL & REPL	SF	36.00	50.00	D	\$ -	\$ 1,800.00
CC&G REMOVAL & REPL	LF	381.20	35.00	A	\$ 13,342.00	\$ -
AUP #1 HMA PATCH 6 INCH	SY	105.00	60.00	A	\$ 6,300.00	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
Total Changes:					\$ 50,882.64	\$ 122,399.96

Total Net Change: \$ (71,517.33)

Amount of Original Contract: \$ 624,997.07

Amount of Previous Change Orders: \$ -

Amount of adjusted/final contract: \$ 553,479.75

Total net deduction to date \$ (71,517.33) which is -11.44 % of the contract price.  
(addition, deduction)

State fully the nature and reason for the change: All changes reflect final measured quantities.

See attached for changes which in excess of \$10,000.

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

Prepared by:

ENGINEERING ENTERPRISES, INC.

Title of Preparer

For County and Road District Projects

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For Municipal Projects

Municipal Officer

Title of Municipal Officer

Date

Approved

Regional Engineer

Date

Note: Make out separate form for change in length quantities.

Give net quantities

Submit 6 Originals

If plans are required attached 3 sets.

UNITED CITY OF YORKVILLE  
2019 MFT (ROADS TO BETTER ROADS PROGRAM)  
SECTION 19-00000-00-GM  
BLR 13210 SUPPLEMENT  
EXPLANATION OF PAY ITEM CHANGES IN EXCESS OF \$10,000

**LEVELING BINDER (MACHINE METHOD), N50**

*388.80 TON DEDUCTION AT \$63.00/TON = \$24,494.40*

This item was decreased due to level binder on McHugh Road being removed from the scope of the project. This change reflects actual delivered tonnages.

**HOT MIX ASPHALT SURFACE COURSE MIX "D", N50**

*305.30 TON ADDITIONAL AT \$63.00/TON = \$19,233.90*

Several streets included in the project called for a variable depth HMA Surface Removal for 1.5-inch to 2.5-inch. While doing the removal, the existing pavement was found to be +/-3" thick. The existing 1/2" was in poor condition and was not stable enough to support construction traffic or provide a stable base for subsequent paving operations. Additional existing HMA was removed which led to an increase in the amount of HMA surface course delivered to the project. This change reflects actual delivered tonnages.

**CLASS D PATCHES, TYPE I, 2-INCH**

*868.10 SQ YD DEDUCTION AT \$25.00/SQ YD = \$21,702.50*

The patching required was less than originally planned.

**CLASS D PATCHES, TYPE II, 2-INCH**

*774.70 SQ YD DEDUCTION AT \$23.00/SQ YD = \$17,818.10*

The patching required was less than originally planned.

**CLASS D PATCHES, TYPE III, 2-INCH**

*823.80 SQ YD DEDUCTION AT \$22.00/SQ YD = \$18,123.60*

The patching required was less than originally planned.

**CLASS D PATCHES, TYPE IV, 2-INCH**

*1391.90 SQ YD DEDUCTION AT \$20.00/SQ YD = \$27,838.00*

The patching required was less than originally planned.

**COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT**

*381.20 FEET ADDITION AT \$35.00/FOOT = \$13,342.00*

Additional work was required on some streets to correct drainage issues

UNITED CITY OF YORKVILLE  
2019 MFT (ROADS TO BETTER ROADS PROGRAM)  
SECTION 19-00000-00-GM  
BLR 13210 SUPPLEMENT  
EXPLANATION OF PAY ITEM CHANGES IN EXCESS OF \$10,000

**AUP 1 (ATTACHED) – HMA CLASS D PATCH, 6-INCH**

*105 SQ YD ADDITION AT \$60.00/SQ YD = \$6,300.00.*

A thicker patch was required in some areas due to existing field conditions. The Contractor agreed to preform patching at 6" under a separate Agreed Unit Price. This change reflects the actual field measurements.



City of Yorkville  
2019 MFT

November 19, 2019

Re: AUP Bit Patch 6"

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

DESCRIPTION	Quantity	Unit	Unit Price	Amount
Bit Patch 6"	105	SY	\$60.00	\$6,300.00

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: Nadia L. Lina

Date 11/25/19



### Engineer's Final Payment Estimate

Date of Completion 10/17/2019

Address 1488 South Broadway, Coal City, IL 60416

Page 1 of 2  
Printed on 12/20/2019 8:05:41 AM

BLR 13231 (Rev. 1/06)

Total Brought Forward	\$547,179.75
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	Total Miscellaneous Debits	
	Net Cost of Section	\$553,479.75
	Previous Payments	\$525,805.76
	Net Amount Due	\$27,673.99

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Date

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Date

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Date



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 2020-06

### Agenda Item Summary Memo

**Title:** 2020 Road to Better Roads Program

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** MFT Resolution 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:

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# 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: January 8, 2020  
Subject: 2020 Roads to Better Roads Program

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In accordance with the planned FY21 budget and Roads to Better Roads Program, we are proceeding with design of the 2020 program. The proposed improvements will include hot-mix asphalt removal and replacement, sidewalk removal and replacement, curb and gutter removal and replacement, and pavement markings on McHugh Road and in White Oak Estates subdivision. The current cost estimate for the project is \$760,909.20. The budgeted MFT portion of the Roads to Better Roads Program is \$754,000.

Note that adjustments will be made to the program as necessary after bids are received to match the budgeted funds.

Since MFT funds are being utilized to fund the project, IDOT requires the passing of a Resolution to appropriate the funds. Accordingly, please see the attached Resolution for Maintenance Under the Illinois Highway Code in the amount of \$754,000.

Staff is seeking approval of the resolution from the City Council.

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



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



Resolution Number	Resolution Type	Section Number
	Original	20-00000-00-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  
seven hundred fifty four thousand and 00/100 Dollars ( \$754,000.00 )

of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from  
05/01/20 to 04/30/21  
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 01/28/20  
Governing Body Type Name of Local Public Agency Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28 day of January, 2020  
Day Month, Year

(SEAL)

Clerk Signature

**APPROVED**

Regional Engineer  
Department of Transportation

Date

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Estimate of Maintenance Costs

Submittal Type **Original**

Local Public Agency

County

Section Number

Maintenance Period  
Beginning Ending

City of Yorkville

Kendall

20-00000-00-GM

05/01/20

04/30/21

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
RESURFACING	IV	Yes						\$760,909.20
<b>Total Operation Cost</b>								\$760,909.20

Estimate of Maintenance Costs Summary

**Maintenance**

Local Public Agency Labor

Local Public Agency Equipment

Materials/Contracts(Non Bid Items)

Materials/Deliver & Install/Request for Quotations (Bid Items)

Formal Contract (Bid Items)

**Maintenance Total**

MFT Funds	Other Funds	Estimated Costs
\$754,000.00	\$6,909.20	\$760,909.20
\$754,000.00	\$6,909.20	\$760,909.20

Estimated Maintenance Eng Costs Summary

**Maintenance Engineering**

Maintenance Engineering

Material Testing

Advertising

Bridge Inspection Engineering

**Maintenance Engineering Total**

MFT Funds	Other Funds	Total Est Costs
\$754,000.00	\$6,909.20	\$760,909.20

**Total Estimated Maintenance**

Remarks

**SUBMITTED**

Local Public Agency Official

Date

Title

Mayor

County Engineer/Superintendent of Highways

Date

**APPROVED**

Regional Engineer

Department of Transportation

Date



# Illinois Department of Transportation

Project Yorkville 2020 Road Program  
Route Various Local Roads  
Section 19-00000-00-GM  
County Kendall

## Estimate of Cost

Location of Improvement: Various locations within the United City of Yorkville, Kendall County (see Location Map)

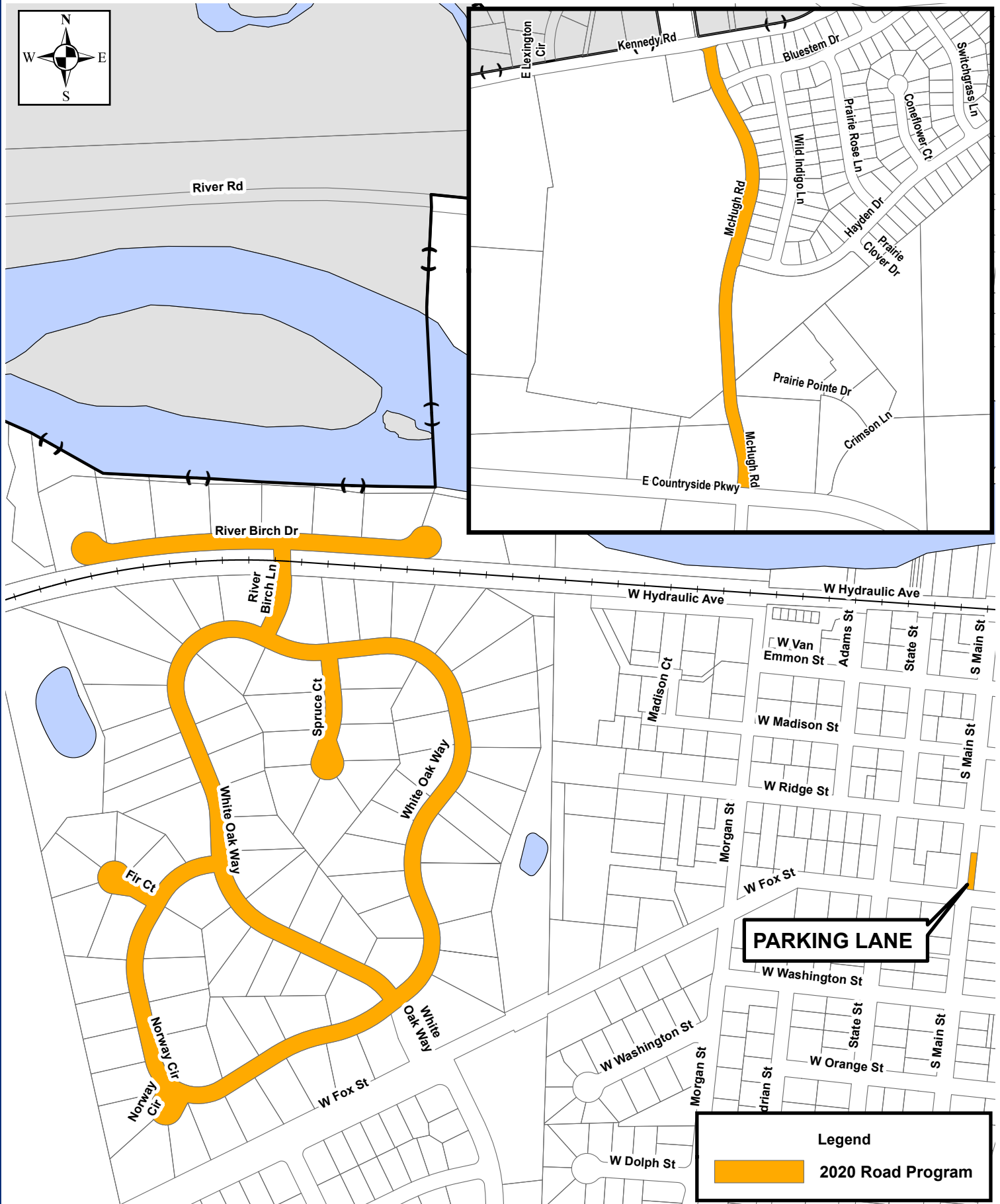
For a total distance of 12385 Feet Net improvement of \_\_\_\_\_

Type \_\_\_\_\_ Width \_\_\_\_\_ Thickness \_\_\_\_\_  
Shoulders \_\_\_\_\_ Average Haul \_\_\_\_\_ Maximum Grade \_\_\_\_\_ %

Code Number	Item	Unit of Measure	Quantity	Unit Price	Total Cost
1	SUPPLEMENTAL WATERING	UNIT	10	\$150.00	\$1,500.00
2	BITUMINOUS MATERIALS (TACK COAT)	POUND	26787	\$0.10	\$2,678.70
3	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	132	\$12.00	\$1,584.00
4	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	3425	\$67.00	\$229,475.00
5	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3425	\$67.00	\$229,475.00
6	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2270	\$7.00	\$15,890.00
7	DETECTABLE WARNINGS	SQ FT	220	\$25.00	\$5,500.00
8	SIDEWALK REMOVAL	SQ FT	2830	\$2.00	\$5,660.00
9	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	4998	\$2.50	\$12,495.00
10	CLASS D PATCHES, TYPE I, 3 INCH	SQ YD	216	\$35.00	\$7,560.00
11	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	221	\$35.00	\$7,735.00
12	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	743	\$33.00	\$24,519.00
13	CLASS D PATCHES, TYPE IV, 3 INCH	SQ YD	1851	\$32.00	\$59,232.00
14	MANHOLES TO BE ADJUSTED	EACH	1	\$650.00	\$650.00
15	INLETS TO BE ADJUSTED	EACH	15	\$350.00	\$5,250.00
16	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	320	\$5.00	\$1,600.00
17	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6520	\$0.70	\$4,564.00
18	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1040	\$1.50	\$1,560.00
19	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	\$5.00	\$200.00
20	SODDING, SPECIAL	SQ YD	526	\$20.00	\$10,520.00
21	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	34682	\$1.75	\$60,693.50
22	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	\$950.00	\$950.00
23	ROUTING AND SEALING CRACKS	FOOT	24612	\$0.50	\$12,306.00
24	WHEEL STOP REMOVAL AND RESET	EACH	12	\$100.00	\$1,200.00

25	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	7	\$100.00	\$700.00
26	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1317	\$36.00	\$47,412.00
27	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	\$10,000.00	\$10,000.00
TOTAL ESTIMATED COST OF WORK INCLUDING ALL LABOR, MATERIALS AND PROFITS.					\$760,909.20

Made by NLS Date 11/19/2019 Examined \_\_\_\_\_ , \_\_\_\_\_  
Checked by CJO Date 1/7/2020 \_\_\_\_\_ Regional Engineer



**Engineering Enterprises, Inc.**



52 Wheeler Road  
Sugar Grove, Illinois 60554  
(630) 466-6700  
[www.eeiweb.com](http://www.eeiweb.com)



**United City of Yorkville**

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

DATE: SEPTEMBER 2019  
PROJECT NO.: YO1926  
BY: MJT  
PATH: H:\GIS\PUBLIC\YORKVILLE\2018\18  
FILE: YO1926\_2020 Road Program.MXD

**2020 RTBR PROGRAM  
LOCATION MAP**





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

Agenda Item Number

New Business #7

Tracking Number

PW 2020-07

### Agenda Item Summary Memo

**Title:** Raintree Village – Stop Sign – Bluebird Lane at Prairie Crossing Drive

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** \_\_\_\_\_  
\_\_\_\_\_

### Council Action Previously Taken:

Date of Action: \_\_\_\_\_ Action Taken: \_\_\_\_\_

Item Number: \_\_\_\_\_

**Type of Vote Required:** Majority

**Council Action Requested:** Approval  
\_\_\_\_\_

**Submitted by:** Brad Sanderson Engineering  
Name Department

### Agenda Item Notes:

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# 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 15, 2020  
Subject: Raintree Village - Stop Sign Analysis

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This memo is in follow-up to the November 26<sup>th</sup> Council approval of signage within Raintree Village Units 4, 5 and 6.

During review of nearby intersections by Public Works, it was discovered that there was not a stop sign at Bluebird Lane and Prairie Crossing Drive. A stop sign is recommended at Bluebird Lane for the following reasons:

- Prairie Crossing Drive is a collector road for the unit, therefore this intersection is a less important road with a main road where the normal right-of-way rule would not be expected to be complied.
- The traffic volume is above 2,000 units per day on Prairie Crossing Drive.

If you have any questions, please let me know.

Ordinance No. 2020-\_\_\_\_\_

**ORDINANCE OF THE UNITED CITY OF YORKVILLE,  
KENDALL COUNTY, ILLINOIS  
AMENDING THE TRAFFIC SCHEDULE AND INDEX**

**WHEREAS**, the United City of Yorkville, Kendall County, Illinois, has designated certain intersections within the City as stop intersections and has identified the corner for placement of stop signs at such intersections; and,

**WHEREAS**, after extensive investigation and study of traffic patterns, it has been determined that additional intersections should be designated as stop intersections; and,

**WHEREAS**, the additional stop intersections, as hereinafter set forth, have been determined to be in conformance with the current Manual on Uniform Traffic Control Devices.

**NOW THEREFORE BE IT ORDAINED** by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois, that the traffic schedule and index regarding stop-sign control is hereby amended by revising the following:

*Section I.* The Traffic Schedule and Index regarding Stop-Sign Control is hereby amended by adding the following as a One-Way Stop Intersection:

- 1) Bluebird Lane to Stop for Prairie Crossing Drive

*Section II.* This Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

*Passed* by the City Council of the United City of Yorkville, Kendall County, Illinois, this \_\_\_\_ day of \_\_\_\_\_, A.D. 2020.

\_\_\_\_\_  
City Clerk

KEN KOCH \_\_\_\_\_

DAN TRANSIER \_\_\_\_\_

JACKIE MILSCHEWSKI \_\_\_\_\_

ARDEN JOE PLOCHER \_\_\_\_\_

CHRIS FUNKHOUSER \_\_\_\_\_

JOEL FRIEDERS \_\_\_\_\_

SEAVER TARULIS \_\_\_\_\_

JASON PETERSON \_\_\_\_\_

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

\_\_\_\_\_  
Mayor



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 #8

Tracking Number

PW 2020-08

### Agenda Item Summary Memo

**Title:** Purchase of truck bodies and salt spreaders

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** Proposed rehabilitation of two large dump trucks to improve the reliability of our fleet.

#### 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:

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# Memorandum

To: Public Works Committee  
From: Eric Dhuse, Director of Public Works  
CC: Bart Olson, Administrator  
Date: January 9, 2020  
Subject: Truck Body Replacements

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## **Summary**

In an effort to reduce costs and improve the existing fleet, public works has been investigating the possibility of rehabbing two trucks to extend their useful life and provide reliability in our fleet. We have been working with Purchasing Manager Parker to obtain quotes from the purchasing cooperative, Sourcewell. We have worked with Sourcewell previously with the purchase of the utility truck in November 2019. Sourcewell contracts with a variety of vendors that will work together to provide the equipment needed for government needs. Sourcewell selects these vendors through a competitive bidding process similar to the process in our purchasing code. I have attached two quotes totaling \$99,369.17 that will fit our needs and be a cost-effective solution to creating more reliability in our fleet for years to come.

## **Background**

During the July 16, 2019 meeting of the Public Works committee we discussed the possibility of rehabbing 2 existing trucks along with the purchase of one new truck to add to our fleet. At that time, it was stated that we had a \$91,000 surplus in the PW Capital budget account that was not earmarked for any purchase. It was thought to use that money towards the rehab of the trucks instead of using it towards the purchase of the new truck. A budget amendment of an amount not to exceed \$225,000 was approved on July 23, 2019 (minutes attached) where the purchase of the new truck was approved but split between two fiscal years. The first fiscal year (FY20) was \$100,000 of the budget amendment, and the second payment of \$105,000 will be in the upcoming FY21 budget. The other portion of the budget amendment was for the rehabilitation of the dump trucks that are quoted in this packet. The timing on the rehabilitation of these trucks would not be completed until FY21, the ordering and fabrication of the parts takes 180-210 days and the delivery of the completed unit is 60-90 days after that. We would not ship these trucks to the vendors until summer of 2020 and we would have them back sometime in fall.

The trucks we have chosen to rehab are as follows:

Y23 – 2006 International single axle dump truck with 32,904 miles. This truck has been a fairly reliable truck that will benefit greatly from the rehab. This truck was chosen because we can take the least amount of money and make this truck into the best shape possible. This truck has very low miles, no known mechanical issues, and a solid cab, and a plow and plow frame that are in good shape. The estimated cost of this rehab is \$47,126.17.

Below is an easy to read break down of what this truck will receive if approved:

- Sandblast, prime and paint chassis frame, tanks, hoist, pintle hitch, and wheels.
- Stainless steel dump body with cab shield, ladder, shovel holders, and coal chute door on the tailgate.

- Pre wet tank assembly – two (2) 100-gallon tanks built into the side of the body with stainless steel fittings and plumbed to our specifications for our brine system.
- LED light bar and all new lights on the body
- Rear fenders and mud flaps
- New pintle hitch – this truck did not have a pintle hitch before, we added it to have a back up truck for our leaf vac, or to use with an additional leaf vac.
- Salt spreader – stainless steel.

Y9 – 2008 International tandem axle dump truck with 59,500 miles. This truck has been one of our work horses since we bought it new. This truck was chosen to be able to retain 3 reliable tandem axle dump trucks in the fleet. We rehabbed the other, older, tandem axle this year, and have a 2016 tandem axle as our third large truck. The estimate for this truck is \$52,243.00

Below is an easy to read break down of what this truck will receive if approved:

- Sandblast, prime and paint chassis frame, tanks, hoist, pintle hitch, and wheels.
- Stainless steel dump body with cab shield, ladder, shovel holders, and coal chute door on the tailgate.
- Pre wet tank assembly mounted between the cab and box. Two (2) 120-gallon tanks mounted on stainless steel brackets and straps.
- Refurbish existing plow hitch. Currently damaged and bent.
- LED light bar and all new lights on the body
- Rear fenders and mud flaps
- Replace pintle hitch – For pulling large trailers.
- Salt spreader – stainless steel.

If the city were still able to follow the replacement program that was in place before the recession, both of these trucks would have been traded in at this point since the useful life for our large dump trucks is 10 years. After ten years, the wear and tear of hard use leads to greater possibilities of catastrophic mechanical failure, rust and body damage from the hard use, and the obsolescence of technology that is in and added to the truck. By updating the body, sandblasting and painting the chassis, adding new spreaders, and adding a new pre-wet system and LED lighting, we will increase the useful life by at least 5 years barring any unforeseen catastrophic failures. By increasing the useful life by 5 years, it will allow us to increase the reliability of our fleet and replace the trucks that need it most while reducing costs.

### **Recommendation**

1. To approve the contract with Lindco Equipment Sales, Inc. of 2168 East 88<sup>th</sup> Dr., Merrillville, IN 46410 in the amount of \$47,126.17 for the repair and rehabilitation of truck Y23, a 2006 International single axle dump truck.
2. To approve the contract with PB Loader Corp. of 5778 W. Barstow, Fresno, CA 93722 in the amount of \$52,243.00 for the repair and rehabilitation of truck Y9, a 2008 International tandem axle dump truck.

I would ask that this be placed on the January 21, 2020 public works committee meeting for discussion.

**UNITED CITY OF YORKVILLE  
PUBLIC WORKS COMMITTEE  
Tuesday, July 16, 2019, 6:00pm  
Yorkville City Hall, Conference Room  
800 Game Farm Road**

**IN ATTENDANCE:**

**Committee Members**

Chairman Joe Plocher  
Alderman Ken Koch

Alderman Jackie Milschewski  
Alderman Seaver Tarulis

**Other City Officials**

City Administrator Bart Olson      Public Works Director Eric Dhuse  
Assistant City Administrator Erin Willrett      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:** June 18, 2019

The minutes were approved as presented.

**New Business:**

***1. PW 2019-45 Water Department Reports for April, May and June 2019***

Mr. Dhuse said these were normal reports for the IEPA and that the average daily per capita usage has risen in the warmer weather. This moves to the City Council.

***2. PW 2019-46 Capital Improvement Summary***

Mr. Sanderson said this is the quarterly update. Some Rt. 71 construction started this week according to Mr. Dhuse, with the real construction starting very soon. Social media comments have questioned why all the road projects in the area are occurring simultaneously. Mr. Olson commented that the state planned to do all three at the same time.

***3. PW 2019-47 Quarterly Bond and Letter of Credit Reduction Summary***

These are routine quarterly reports. No further discussion.

***4. PW 2019-48 Cedarhurst Living – Acceptance of Public Improvements***

The punchlist is done and Mr. Sanderson recommended acceptance of the water main and sidewalk along with a letter of credit reduction. This moves to the City Council.

***5. PW 2019-49 Re-Piping of Water Main and Demolition of Well #3 Building – Change Order No. 1***

Mr. Sanderson reported a contract was awarded a year ago to Performance Pipeline. This is the balancing change order reflecting a decrease of over \$14,000. He recommended approval and the final payment will be made.

**6. *PW 2019-50 Mill Road Intergovernmental Agreement***

The County Board has approved the draft agreement for Mill Road improvements, said Mr. Olson. They recommend a full overlay for Mill Rd. from Kennedy Rd. to the city limits near Oswego. The agreement gives the city the ability to re-bid or modify the scope if a roundabout is desired. The County is doing all engineering work at no cost to the city. The project should be done in the next few months. Alderman Koch asked how much is being saved since the County is doing the engineering. It is being done in-house and will save the city about \$5,000 to \$10,000. This moves to the City Council.

**7. *PW 2019-51 Heustis Street Stop Sign***

Alderman Milschewski stated that vehicles are not stopping at the Heustis/VanEmmon stop signs even with the blinking lights. She asked about rumble strips/grooves in the pavement, however, they are usually reserved for higher traffic areas. She also noted that motorcyclists have also blocked the intersection to allow other cyclists to all proceed at one time. Alderman Koch said a photo flash gets drivers' attention and an empty squad car was also suggested. This matter will be forwarded to the Chief of Police.

**Old Business:**

**1. *PW 2018-102 East Alley Parking Lot - Update***

Mr. Olson said the easement draft has been started, but the city is waiting for further information. A 1996 recorded document was found by an EEI surveyor and suggests the area on which the easement would be located, might require the developer to turn it over to the city. The document labeled the area as an access and a formal dedication may be needed. This will move to the August 13<sup>th</sup> City Council meeting.

**2. *PW 2019-27 Crosswalk at Route 47 and Main Street***

There is no IDOT update at this time, however, their latest response was “no” to the crosswalk request. Mr. Sanderson suggested writing a letter to IDOT as the next step.

**3. *PW 2019-28 Plow Trucks – Purchase Authorization and FY 20 Budget Amendment***

Mr. Olson said there is a \$91,000 surplus in the FY 19 Public Works capital fund that has to be used. One idea is to repair two trucks to gain an additional 3-5 years of use and also authorize the purchase of one new plow truck. He discussed possible payment arrangements and will discuss further with the Finance Director. He said the idea will be revisited after the final 2019 FY numbers are available. Mr. Olson said the \$91,000 overage was a result of impact fees and commitments from Raintree and Grande Reserve. Mr. Dhuse was in agreement with rehabbing trucks and said it will take 10-12 months to receive the new truck. The committee was OK with the recommendations.

**4. *PW 2019-41 Chemical Feed Systems – NSF Information***

This is information relating to the discussion last month. The City Council approved this item already.

**Additional Business:**

Alderman Koch asked if there was follow-up information on the Windett Ridge street lights. Mr. Dhuse replied that the construction manager has turned them over to the land group for repair.

As a follow-up to a discussion last month, Alderman Tarulis reported that people are parking over the newly striped parking areas on McHugh Road. Mr. Dhuse will work on signs and police enforcement.

There was no further business and the meeting was adjourned at 6:31pm.

Minutes respectfully transcribed by  
Marlys Young, Minute Taker

**MINUTES OF THE REGULAR MEETING OF THE CITY COUNCIL  
OF THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS,  
HELD IN THE CITY COUNCIL CHAMBERS,  
800 GAME FARM ROAD ON  
TUESDAY, JULY 23, 2019**

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

**ROLL CALL**

City Clerk Pickering called the roll.

Ward I	Koch	Present
	Transier	Present
Ward II	Milschewski	Present
	Plocher	Absent
Ward III	Funkhouser	Present
	Frieders	Present
Ward IV	Tarulis	Present
	Peterson	Absent

Staff present: City Administrator Olson, City Clerk Pickering, Chief of Police Hart, Deputy Chief of Police Pfizenmaier, Community Development Director Barksdale-Noble, Finance Director Fredrickson, Parks and Recreation Director Evans, Assistant City Administrator Willrett, Building Code Official Ratos, Facilities Manager Raasch, Attorney Orr, and EEI Engineer Morrison.

**QUORUM**

A quorum was established.

**AMENDMENTS TO THE AGENDA**

None.

**PRESENTATIONS**

Deb Horaz was unable to attend the meeting so this presentation will be rescheduled for a future meeting.

**PUBLIC HEARINGS**

None.

**CITIZEN COMMENTS ON AGENDA ITEMS**

None.

**CONSENT AGENDA**

None.

**MINUTES FOR APPROVAL**

Mayor Purcell entertained a motion to approve the minutes of the regular City Council meetings of June 25, 2019 and July 9, 2019 as presented. So moved by Alderman Milschewski; seconded by Alderman Funkhouser.

Motion unanimously approved by a viva voce vote.

**BILLS FOR PAYMENT**

Mayor Purcell entertained a motion to approve the bill list in the amount of \$16,033.88 (vendors – FY 19); \$1,318,570.93 (vendors – FY 20); \$333,027.12 (payroll period ending 7/12/19); for a total of \$1,667,631.93. So moved by Alderman Milschewski; seconded by Alderman Tarulis.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Funkhouser-aye, Tarulis-aye, Transier-aye,  
Frieders-aye, Koch-aye, Milschewski-aye

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**REPORTS**

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**MAYOR'S REPORT**

**Appointment to Library Board  
(CC 2019-42)**

Mayor Purcell entertained a motion to approve the appointment of Julie Brendich to the Library Board to a term ending May 2021. So moved by Alderman Transier; seconded by Alderman Koch.

Motion unanimously approved by a viva voce vote.

**Appointment to Unified Development Ordinance (UDO) Advisory Committee  
(CC 2019-43)**

Mayor Purcell entertained a motion to approve the appointment of Reagan Goins to the Unified Development Ordinance Advisory Committee. So moved by Alderman Tarulis; seconded by Alderman Funkhouser.

Motion unanimously approved by a viva voce vote.

**Comments from Mayor Purcell**

**General Obligation Bond Rating for City**

Mayor Purcell reported that Fitch Ratings upgraded the city's general obligation bond rating from AA- to an AA rating on July 22<sup>nd</sup>. Upgraded bond ratings allow the city to borrow money at a lower interest rate. Reasons cited by Fitch for the upgraded bond rating are the city's improved financial resilience and the city's solid revenue growth prospects due to continued population growth.

**Sale of 111 W. Madison (Old Jail)**

Mayor Purcell said the council would not be taking action this evening on the sale of the Old Jail. He said that City Administrator Olson has been negotiating with the McKnight group. He hopes the negotiations will be completed and ready to be discussed at the August 6<sup>th</sup> Economic Development Committee meeting.

**River Fest Festival**

Mayor Purcell mentioned that River Fest was held on July 12<sup>th</sup> and 13<sup>th</sup> and had a great turnout. He thanked staff for doing such a great job.

**Appointment of Chief of Police**

Mayor Purcell said that he has selected Yorkville resident Jim Jensen to be appointed to the position of Chief of Police. This appointment will be voted on at the August 13<sup>th</sup> City Council meeting.

**PUBLIC WORKS COMMITTEE REPORT**

**Plow Trucks**

**Purchase Authorization**

**Ordinance 2019-35**

**Ordinance Authorizing a Second Amendment to the  
Annual Budget for the Fiscal Year Commencing on  
May 1, 2019 and Ending on April 30, 2020  
(PW 2019-28)**

Mayor Purcell entertained a motion to approve to approve a sole source purchase authorization for a new plow truck from Peterbilt, for delivery in FY 21 and payment in FY 20 and FY 21 in an amount not to exceed \$225,000 and to approve an Ordinance Authorizing the Second Amendment to the Annual Budget for the Fiscal Year Commencing on May 1, 2019 and Ending on April 30, 2020 and authorize the Mayor and City Clerk to execute. So moved by Alderman Milschewski; seconded by Alderman Koch.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Frieders-aye, Koch-aye, Milschewski-aye,  
Funkhouser-aye, Tarulis-aye, Transier-aye

**Water Department Reports for April, May, and June 2019  
(PW 2019-45)**

Mayor Purcell entertained a motion to approve the Water Department Reports for April, May, and June 2019. So moved by Alderman Milschewski; seconded by Alderman Koch.

Motion unanimously approved by a viva voce vote.

**Cedarhurst Living – Acceptance of Public Improvements  
(PW 2019-48)**

Mayor Purcell entertained a motion to accept the public improvements of water main and sidewalk as described in the Bill of Sale for ownership and maintenance by the City and authorize the release of the existing security upon receipt of a maintenance guarantee in the amount of \$3,778.00, subject to verification that the developer has no outstanding debt owed to the City for this project and subject to receipt of a signed Bill of Sale. So moved by Alderman Milschewski; seconded by Alderman Tarulis.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Koch-aye, Milschewski-aye, Funkhouser-aye,  
Tarulis-aye, Transier-aye, Frieders-aye

**Re-Piping of Water Main and Demolition of Well #3 Building – Change Order No. 1**  
(PW 2019-49)

Mayor Purcell entertained a motion to approve the Re-Piping of Water Main and Demolition of Well #3 Building – Change Order No. 1 and authorize the Mayor to execute. So moved by Alderman Milschewski; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Koch-aye, Milschewski-aye, Funkhouser-aye,  
Tarulis-aye, Transier-aye, Frieders-aye

**Resolution 2019-20**

**Approving an Intergovernmental Agreement Between  
Kendall County and the United City of Yorkville, Illinois  
Relating to the Asphalt Surfacing of Mill Road**  
(PW 2019-50)

Mayor Purcell entertained a motion to approve a Resolution Approving an Intergovernmental Agreement between Kendall County and the City Relating to the Asphalt Surfacing of Mill Road and authorize the Mayor and City Clerk to execute. So moved by Alderman Milschewski; seconded by Alderman Funkhouser.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Milschewski-aye, Funkhouser-aye, Tarulis-aye,  
Transier-aye, Frieders-aye, Koch-aye

**ECONOMIC DEVELOPMENT COMMITTEE REPORT**

No report.

**PUBLIC SAFETY COMMITTEE REPORT**

**Ordinance 2019-36                      Amending Title 3, Chapter 13 of the Code of Ordinances (Resale Dealers)**  
(PS 2018-18)

Alderman Tarulis made a motion to approve an Ordinance Amending Title 3, Chapter 13 of the Code of Ordinance (Resale Dealers) and authorize the Mayor and City Clerk to execute; seconded by Alderman Milschewski.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Funkhouser-aye, Tarulis-aye, Transier-aye,  
Frieders-aye, Koch-aye, Milschewski-aye

**Ordinance 2019-37                      Amending the Yorkville City Code Liquor Control  
(Change of General Manager Fee)**  
(PS 2019-12)

Alderman Tarulis made a motion to approve an Ordinance Amending the Yorkville City Code Liquor Control (Change of General Manager Fee) and authorize the Mayor and City Clerk to execute; seconded by Alderman Koch.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Tarulis-aye, Transier-aye, Frieders-aye,  
Koch-aye, Milschewski-aye, Funkhouser-aye

**ADMINISTRATION COMMITTEE REPORT**

No report.

**PARK BOARD**

No report.

**PLANNING AND ZONING COMMISSION**

**Ordinance 2019-38                      Approving the Rezoning of the R-1 Single-Family Suburban Residence  
District of the Property Located at the Southwest and Southeast Corners  
of the Intersection of East Van Emmon Street and Benjamin Street**  
(PZC 2019-15 and EDC 2019-52)

Mayor Purcell entertained a motion to approve an Ordinance Approving the Rezoning of the R-1 Single-Family Suburban Residence District of the Property Located at the Southwest and Southeast Corners of the Intersection of East Van Emmon Street and Benjamin Street. So moved by Alderman Milschewski; seconded by Alderman Funkhouser.

Motion approved by a roll call vote. Ayes-6 Nays-0  
Transier-aye, Frieders-aye, Koch-aye,  
Milschewski-aye, Funkhouser-aye, Tarulis-aye

**Ordinance 2019-39                      Approving the Rezoning of the R-2 Single-Family Traditional Residence District and the Granting of Variances for the Property Located at 701 N. Bridge Street  
(PZC 2019-17 and EDC 2019-53)**

Mayor Purcell entertained a motion to approve an Ordinance Approving the Rezoning of the R-2 Single-Family Traditional Residence District and the Granting of Variances for the Property Located at 701 N. Bridge Street. So moved by Alderman Transier; seconded by Alderman Koch.

Motion approved by a roll call vote. Ayes-5    Nays-1  
Frieders-aye, Koch-aye, Milschewski-aye,  
Funkhouser-nay, Tarulis-aye, Transier-aye

**Ordinance 2019-40                      Amending Section 10-3-5-B: Location and Section 10-3-5-C: Time of Construction Regarding Accessory Buildings and Structures of the Yorkville Zoning Ordinance and Section 10-3-3-A: Contiguous Parcels to Permit Accessory Buildings and Structures to be Built on Contiguous Lots Under Single Ownership  
(PZC 2019-18 and EDC 2019-58)**

Mayor Purcell entertained a motion to approve an Ordinance Amending Section 10-3-5-B: Location and Section 10-3-5-C: Time of Construction Regarding Accessory Buildings and Structures of the Yorkville Zoning Ordinance and Section 10-3-3-A: Contiguous Parcels to Permit Accessory Buildings and Structures to be Built on Contiguous Lots Under Single Ownership. So moved by Alderman Koch; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-4    Nays-2  
Frieders-aye, Koch-aye, Milschewski-aye,  
Funkhouser-nay, Tarulis-nay, Transier-aye

**CITY COUNCIL REPORT**

No report.

**CITY CLERK'S REPORT**

No report.

**COMMUNITY & LIAISON REPORT**

No report.

**STAFF REPORT**

No report.

**ADDITIONAL BUSINESS**

None.

**CITIZEN COMMENTS**

Todd Milliron, Kendall County resident, spoke regarding Riley County, Kansas which has a countywide police department. He said the Kendall County Courthouse building currently has extra space that is not being used by the county and he suggested the city might want to speak with Kendall County to see if the city's police department could use some of that extra space.

Lisa Wolancevich, Yorkville resident, mentioned that many vehicles and trucks do not follow the posted speed limit on Route 47, especially in the downtown area. She said that during the recent River Fest Festival she witnessed a semi-truck run a red light at a high rate of speed at the intersection of Route 47 and Van Emmon during the festival. There were many pedestrians present in the downtown area at the time due to the festival. She also mentioned that on her way to City Hall this evening, she witnessed a motorcycle almost hit a woman and child who were crossing the street at the crosswalk located at the intersection of Route 47 and Main Street. She asked if extra patrols and more flashing signs could be added to the downtown area to try to get traffic to slow down so that no one gets hurt.

**EXECUTIVE SESSION**

Mayor Purcell entertained a motion to go into executive session for personnel and litigation. So moved by Alderman Milschewski; seconded by Alderman Funkhouser.

Motion approved by a roll call vote. Ayes-6    Nays-0  
Koch-aye, Milschewski-aye, Funkhouser-aye,  
Tarulis-aye, Transier-aye, Frieders-aye

The City Council entered executive session at 7:49 p.m.

The City Council returned to regular session at 8:24 p.m.

**PLANNING AND ZONING COMMISSION (cont'd)**

**Ordinance 2019-40**

**Amending Section 10-3-5-B: Location and Section 10-3-5-C: Time of Construction Regarding Accessory Buildings and Structures of the Yorkville Zoning Ordinance and Section 10-3-3-A: Contiguous Parcels to Permit Accessory Buildings and Structures to be Built on Contiguous Lots Under Single Ownership (PZC 2019-18 and EDC 2019-58)**

Mayor Purcell said that a re-vote was needed on Planning and Zoning Commission Agenda Item #3 – PZC 2019-18 and EDC 2019-58. He stated that the vote earlier in the meeting consisted of four ayes and 2 nays and it was thought to be approved with four affirmative votes. City Administrator Olson said that five affirmative votes are needed for this item to pass.

Mayor Purcell entertained a motion to approve an Ordinance Amending Section 10-3-5-B: Location and Section 10-3-5-C: Time of Construction Regarding Accessory Buildings and Structures of the Yorkville Zoning Ordinance and Section 10-3-3-A: Contiguous Parcels to Permit Accessory Buildings and Structures to be Built on Contiguous Lots Under Single Ownership. So moved by Alderman Koch; seconded by Alderman Transier.

Motion approved by a roll call vote. Ayes-5 Nays-1  
Frieders-aye, Koch-aye, Milschewski-aye,  
Funkhouser-nay, Tarulis-aye, Transier-aye

**ADJOURNMENT**

Mayor Purcell adjourned the meeting at 8:27 p.m.

Minutes submitted by:

*Lisa Pickering*

Lisa Pickering,  
City Clerk, City of Yorkville, Illinois

# REGULAR CITY COUNCIL MEETING

July 23, 2019

PLEASE PRINT

NAME:

SUBDIVISION OR BUSINESS:

JIM JENSEN

Blackberry Creek North

Thomas Thelander

My Father

Irene Kaufman

Save the Jail

Margaret L. L.

Ralph L. L.



# Memorandum

To: PW Committee  
From: Eric Dhuse, Director of Public Works  
CC: Bart Olson, Administrator  
Date: July 11, 2019  
Subject: Plow Truck Options

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## Summary

Below is a brief **narrative** of what we can do to extend the life of 2 of our **current** plow trucks to provide more reliability in the fleet. This would be possible by using the fund balance in the PW Capital fund (25) which is approximately \$91,000.

## Background

In addition to the ordering of one new dump truck for plowing, and the potential for a second truck order later in the year, we need to **address** the reliability of our fleet for this **upcoming** snow season. To do that, staff is **proposing** to rehab or overhaul 2 of our existing plow trucks with new **essential** parts to be able to reliably complete snow removal **operations** this year. Components that may be replaced are the following:

- Dump body – stainless steel to **replace** mild steel box that is rusting through
- Salt spreader – **replaces** units that have **become** unreliable
- Fuel tank – stainless steel
- **Wheels** – **powder coated** or aluminum to **prevent** corrosion
- Air tank – stainless steel
- Plow frame – replaces bent unit
- Electronic plow controls – **replaces** controls that are no longer serviced by the manufacturer
- Hydraulic lines – replace old worn out lines
- Frame sandblasting and **powder** coating – stop the current rusting and **prevent** future rust
- **Exhaust** system – replace rusted out **system**
- Oil pan – replace worn out part
- Engine electronic components – possible, wont know until diagnosis
- Hydraulic tank – replace with stainless steel.

All these potential replacement or repairs will help extend the life of these vehicles by approximately 3-5 years barring any **unforeseen** issues such as **engine** failure or **transmission** failure, etc. Not every truck will get the same parts, but I **wanted** to include as **much information** as possible to let you know what we are dealing with. In addition to these **replacement** parts, we will have a diesel mechanic go through the **engine** and powertrain to look for any **weaknesses** before plow **season**.

**Recommendation**

I recommend that we approve the **expenditure** of up to \$100,000 from the PW Capital Fund (25) to rehabilitate and/or overhaul necessary **components** of certain plow trucks already in the city fleet to prepare for the **upcoming** snow **removal** season.

I **would** ask that this be placed on the July 16, 2019 Public Works Committee agenda for discussion. If you have any questions or need further information, please let me know.



2168 East 88th Drive  
Merrillville, IN 46410  
USA

Voice: (219)795-1448

Fax: (219)736-0892

# QUOTATION

Quote Number: 190409B

Quote Date: Jan 7, 2020

Page: 1

## Quoted To:

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
		SOURCEWELL QUOTE FOR SINGLE AXLE TRUCK REFURBISHMENT
		SOURCEWELL MEMBER: United City of Yorkville 800 Game Farm Road Yorkville, IL 60560-0901 SOURCEWELL MEMBER ID: 99259
		SOURCEWELL CONTRACT HOLDER: Swenson Products 127 Walnut Street Lindenwood, IL 61049 SOURCEWELL CONTRACT NUMBER: 080818-SWS
		*Purchase order to be made out to Lindco Equipment Sales, Inc. *Order to be fulfilled by Lindco Equipment Sales, Inc.
		REFURBISHING SINGLE AXLE PLOW TRUCK:
6.00	INSTALLATION	REMOVAL OF EXISTING BODY: Lindco Installation Labor Hours to remove existing body, hoist and all wiring.
4.00	INSTALLATION	REMOVE LIGHT BAR: Lindco Installation Labor Hours to drop head liner, remove light bar, remove wiring, seal holes in roof

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>

25% Restock Fee on All Cancelled and Returned Orders



2168 East 88th Drive  
Merrillville, IN 46410  
USA

Voice: (219)795-1448

Fax: (219)736-0892

# QUOTATION

Quote Number: 190409B

Quote Date: Jan 7, 2020

Page: 2

**Quoted To:**

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
1.00	APB38-104646-York	<p>and reinstall head liner in cab.</p> <hr/> <p>NEW DUMP BODY: Swenson APB 38 deg sloped, 10' x 7', 9 yd dump body, front telescopic hoist less hyd, 3/16" AR400 floor, 7 gauge 201 2B SS bal., 46"sides, 46" TG, 1/2 CS, DIMENSTIONS: * 10' long * 96" wide O.D. at top * 46" high sides * 46" high tailgate MATERIAL: * 7 gauge "201 2B" stainless steel sides, ends and all add-ons * 3/16" AR400 floor CONSTRUCTION: * Doghouse in front wall * 38 degree sloped sides from top to floor * One piece sides * Boxed top rail * No side board pockets * Heavy duty rear corner post with apron * 7 gauge "201 2B" stainless steel full length body fenders above tires on each side TAILGATE: * Six panel tailgate * Double acting tailgate * Stainless steel tailgate chains * Air tailgate</p>

25% Restock Fee on All Cancelled and Returned Orders

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>



2168 East 88th Drive  
Merrillville, IN 46410  
USA

Voice: (219)795-1448

Fax: (219)736-0892

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City of Yorkville  
610 Tower Lane  
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USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
1.00		<ul style="list-style-type: none"> <li>* All tailgate linkage, rods, pins and hardware, upper &amp; lower are stainless steel</li> </ul> <p>UNDERSTRUCTURE:</p> <ul style="list-style-type: none"> <li>* Crossmemberless</li> <li>* 3/16" "201 2B" long sills</li> </ul> <p>COAL DOOR:</p> <ul style="list-style-type: none"> <li>* Sliding coal door with driver side handle</li> <li>* Center mounted</li> </ul> <p>OVAL CUT OUTS:</p> <ul style="list-style-type: none"> <li>* Three (3) oval cut outs in each rear corner post</li> </ul> <p>CAB SHIELD:</p> <ul style="list-style-type: none"> <li>* Lindco 1/2 cab shield constructed of "201 2B" stainless steel</li> <li>* Enclosed cab shield with three (3) sealed access panels on top</li> <li>* Six (6) ovals in front of cab shield</li> <li>* Six (6) ovals in rear of cab shield</li> <li>* One (1) oval in each side of cab shield</li> </ul> <p>LADDER &amp; GRAB HANDLE</p> <ul style="list-style-type: none"> <li>* Full height, fold up ladder on driver side toward front</li> <li>* Grab handle on driver side toward front</li> <li>* Constructed of "201 2B" stainless steel</li> </ul> <p>HOIST:</p> <ul style="list-style-type: none"> <li>* Mailhot telescopic hoist</li> <li>* Trunnion mounted</li> <li>* 18 tons capacity</li> <li>* Double acting (power up-power down)</li> <li>* Nitrated cylinder sleeves</li> <li>* Hoist cradle</li> </ul>

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>

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USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
2.00	8-049 304W/FJX-108"	* HD rear hinge assembly
6.00	A2-12.7-A	* Frame mounted body prop
1.00		Mid-State 1/2"x9' 304 S/S Line with fittings
		PCI HD Series Clamps for 1/2" tubing
		Hoses & Fittings
		Using existing Crysteel RC750 on truck
		PRE-WET TANK ASSEMBLY:
		* 100 gallon poly/baffled tanks mounted on each side for a total of 200 gallons of pre-wet liquid capacity.
		* Tanks are factory installed and plumbed
		* All mounting hardware will be stainless steel
		* 2" bulkhead fill kit factory installed
		* V-box flush kit, installed by Lindco
		LIGHT KIT:
		* LED ICC lights and harness
2.00	SH675SS	SHOVEL HOLDERS:
		Buyers Stainless Steel Shovel Holder
		* One (1) mounted on each side of body
1.00	MD2436	REAR MUD FLAPS AND 1/4 FENDERS:
		DuraGuard 3/8" HD 24" x 36" Guard Mud Flap - Black - with Lindco Equipment Sales, Inc. Logo & Merrillville, IN molded blue/white into flap (price per pair)
2.00	MFW2375-SS	Lindco Mud Flap Bolting Plate-Stainless Steel (Each)
2.00	MFBH2375A-SS	Lindco Mud Flap 90 Degree Mounting Plate-Stainless Steel (Each)
		* Mounted behind rear wheels

25% Restock Fee on All Cancelled and Returned Orders

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>



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Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
1.00	MIN1400BF	* Swing style flap brackets Minimizer MIN1400 Quarter Fender Kit Black with Flange Mount * Mounted in front of rear wheels
1.00	PH-310	ELECTRICAL AND LIGHTING ITEMS: JUNCTION BOX: Phoenix 10-Pole Junction Box * Mounted at rear on back side of rear hinge for all aux. lighting.
1.00	510	BACK UP ALARM: Ecco back-up alarm, 97 dB, 12 VDC.
1.00	SWM 43C	BODY UP LIGHT AND SWITCH: Preco Switch, water resistant, 5 amp rating, 360 degree movement, can be wired open or closed, made of ABS plastic, adjustable mounting bracket.
1.00	80085	Imperial LED Indicator Light
1.00	320178	AIR TAILGATE AIR VALVE CONTROL: Velvac 4 way valve solenoid for air tailgate. * Mounted in reservoir
1.00	60321	PINTLE HOOK LIGHTS: Grote license lamp w/stainless steel bracket.
1.00	5621720	Buyers S/S ID Light Bar w/ 9 LEDs
2.00	KTLEDW2238-24A	REAR CORNER POST LIGHTING: UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Mounted in top ovals on each rear corner post
2.00	LED2238-10R	UBLights 6" Oval S/T/T, class 1 LED. Includes grommet & pigtail. * Mounted in center oval on each rear corner post
2.00	MTKTL2238-24C	UBLights 6" oval back up, class 1 LED. Includes grommet & pigtail.

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>

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USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
14.00	KTLEDW2238-24A	<p>* Mounted in lower ovals on each rear corner post</p> <p>CAB SHIELD STROBES:</p> <p>UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet &amp; pigtail.</p> <p>* Six (6) mounted in front of cab shield* Mounted in bottom ovals on each side</p> <p>* Six (6) mounted in rear of cab shield</p> <p>* One (1) mounted in each side of cab shield</p> <p>* Stainless steel piping down front of cab shield and under body for cab shield wiring runs to rear.</p>
2.00	MWL-19	<p>SPREADER LIGHTS:</p> <p>Maxxima LED clear work light</p> <p>* Mounted one each side of dump body</p>
1.00	LISC SG06070056-3	PRE-WET HYDRAULICS:
1.00	LISC SG06090028	** Quote is based on having pre-wet manifold already on truck.
1.00	LISC SG06090013	** Quote is based on having controller already set up for pre-wet functions.
1.00		Certified Power prewet, valve instack w/flow meter with stainless bracket
75.00	Misc.	Certified Power prewet plumbing kit, behind cab, 1 line, 2 nozzles
4.00	8-049 304W/FJX-72"	Certified Power prewet quick release kit w/ 1/2" hose.
8.00	A2-12.7-A	Cirus/Certified Power harness kit
1.00		Lindco in trough stainless steel spray bar
		Mid-State 1/2"x6' 304 S/S Line with fittings
		PCI HD Series Clamps for 1/2" tubing
		Hoses & Fittings
		SALT SPREADER:
		Install Swenson SADS tailgate spreader w/18" poly spinner, direct drive, 6" auger, stainless steel construction, no paint, sides of spreader 8" or higher.

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>

25% Restock Fee on All Cancelled and Returned Orders



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Page: 7

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USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
278.00	Misc.	Custom stainless steel full height "Yorkville Style" removable tailgate spill shields (Pair)
267.00		Hoses, Fittings, adaptors and quick couplers for spreader short hose kit
2.00	INSTALLATION	PINTLE HITCH: Lindco Installation Labor Hours to Cut existing pintle hitch off of truck and prepare frame for new pintle hitch
1.00		5/8" thick Lindco custom pintle plate
2.00	B46	Buyers 3/4" drop forged D-ring w/weld bracket 4-1/2" x 4-1/2" O.D.
1.00	PH30	Buyers 30 ton rigid mount pintle hook
1.00	054002	Velvac 7-Way Blade Type Socket (Male / Truck Side)
		PLOW HITCH: * NO PLOW HITCH REPAIRS ON SINGLE AXLE REFURBISH TRUCK.
		SANDBLASTING AND PAINTING::
1.00	SANDBLAST FRAME&	Sandblast, Prime & Paint chassis frame and tanks. Any repairs are extra!
1.00	PAINT- WHEELS	Sand, Prep, Prime Where needed and Paint Black Wheels
1.00	PAINT HOIST & SUBF	Prime Where needed and Paint Hoist & Subframe to black
1.00	PAINT PINTLE HITCH	Paint Pintle Hitch
1.00	PAINT PLOW HITCH	Paint Plow Hitch, Including lift arm, side plates, bumper and lift cylinder black
840.58	Misc.	MISCELLANEOUS MATERIAL/FREIGHT/LABOR: Miscellaneous Material - includes any or all of the following: wiring, electrical connectors, tie downs, clamps, nut, bolts, washers, steel, oil, grease, etc.
1350.00	FREIGHT	FREIGHT
120.00	INSTALLATION	Lindco Installation Labor Hours

Subtotal	Continued
Sales Tax	Continued
<b>TOTAL</b>	<b>Continued</b>

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USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	2/6/20	Net 30 Days	12318

Quantity	Item Number	Description
		<p>DELIVERY NOTES:</p> <p>* Unit would not go into production at Lindco till approximately 180-210 days after receiving your purchase order.</p> <p>* Allow 60-90 days to complete unit, once it is put into production.</p>

25% Restock Fee on All Cancelled and Returned Orders

Subtotal	47,126.17
Sales Tax	
<b>TOTAL</b>	<b>47,126.17</b>



UNITED CITY OF YORKVILLE  
800 GAME FARM ROAD  
YORKVILLE, IL 60560-0901  
SOURCEWELL MEMBERSHIP ID# 99259

QUOTATION  
NO. 10172

DATE: 12/31/2019  
TERMS: NET 30  
F.O.B: FRESNO  
MFG PRODUCT: SEE NOTES  
INSTALL: SEE NOTES

QTY	PART NO.	DESCRIPTION	PRICE	EXTENSION
		<b>11'-6" DUMP BODY WITH PRE-WET ASSEMBLY &amp; SANDER</b>		
		<b>PB LOADER SOURCEWELL CONTRACT NO. 052417-PBL</b>		
		<b>SOURCEWELL CONTRACT LISTED ITEMS</b>		
1	PBLDB-05	PB LOADER SUPPORT BODY, 10 FT 5-6 YARD, 1821 CLASS 50 NTEA HOIST, 10 GAUGE STEEL BALANCE, 24" SIDES, 30" FRONT AND REAR, 12" SPREADER APRON, 1/4 CABSHIELD, LED LIGHTS, WIRING HARNESS & BACKUP ALARM, PUMP, CONTROLS, TANK, VALVE, MUD FLAPS, STEEL MUDGUARDS, HOT SHIFT PTO, AIR TAILGATE, PAINT BLACK, INSTALLATION		\$26,804.00
1		<b>3% SOURCEWELL MEMBER DISCOUNT</b>		(\$805.00)
1	LOT	<b>NON-SOURCEWELL LISTEM ITEM</b> ADDITIONAL ITEMS AND CHANGES TO BODY: - REFURBISHING OF CUSTOMER EXISTING TANDEM AXLE PLOW TRUCK - REMOVE EXISTING BODY AND LIGHT BAR - INCREASE BODY LENGTH TO 11'-6" - CHANGE SIDE & TAILGATE HEIGHT TO 48" - CHANGE FRONT HEIGHT TO 58" - CROSS-MEMBERLESS BODY UNDERSTRUCTURE AND 3/16" 201 2B SS LONG SILLS - CHANGE MATERIAL TO 1/4" AR400 FLOOR - CHANGE SIDES, FRONT & TAILGATE MATERIAL TO 7 GA. 201 2B STAINLESS STEEL - SINGLE HORIZONTAL BRACE TO SIDES OF BODY - DOUBLE ACTING TAILGATE WITH 6-PANEL DESIGN (ONE HORIZ. AND TWO VERT. BRACES) - STAINLESS STEEL TAILGATE SPREADER CHAINS - CENTER MOUNTED PULL-DOWN STYLE COAL CHUTE - 1/2 CAB SHIELD CONSTRUCTED OF 201 2B STAINLESS STEEL (ILO 1/4 CAB SHIELD OF STEEL) WITH THREE (3) SEALED ACCESS PANELS ON TOP, SIX (6) OVAL CUT-OUTS IN FRONT, SIX (6) OVAL CUT-OUTS IN REAR AND ONE (1) OVAL IN EACH SIDE - TREAD GRIP WALK-RAIL WITH FOLD-UP LADDER AND GRAB HANDLES DRIVER SIDE FRONT (ALL 201 SS 2B STAINLESS STEEL) - TELESCOPIC HOIST (ILO UNDERBODY TYPE LISTED ABOVE), MAILHOT COMPLETE WITH NITRIDED CYLINDER SLEEVES, HOIST CRADLE, FRAME MOUNTED BODY PROPS - HYDRUALIC LINES AND HOSES, 1/2" 304 SS WITH PCI HD SERIES CLAMPS - LED LIGHT KIT - TWO (2) SHOVEL STAINLESS STEEL SHOVEL HOLDERS, ONE EACH SIDE OF BODY - MUD FLAPS, DURAGUARD 3/8" HD 24" X 36" MUD FLAPS W/SWING STYLE FLAP BRACKETS & LINDCO EQUIPMENT SALES LOGO, MTD BEHIND REAR TANDEM WHEELS - FENDERS, MINIMIZER MIN1400 QUARTER FENDER KIT W/ BLACK FLANGE MOUNTED IN FRONT OF REAR WHEELS - JUNCTION BOX, PHOENIX 10-POLE MOUNTED REAR FOR AUXILIARY LIGHTING - BACKUP ALARM, ECCO 97 DB, 12 VDC - PRECO BODY UP SWITCH WITH IMPERIAL BODY UP LIGHT IN CAB - AIR TAILGATE WITH VELVAC 4-WAY SOLENOID VALVE, MTD IN RESERVOIR - REAR CORNER POST LIGHTING * UBLIGHTS 6" OVAL, STROBE, AMBER, CLASS 1 LED, MOUNTED IN TOP OVALS ON EACH REAR CORNER POST * UBLIGHTS 6" OVAL S/T/T, CLASS 1 LED MOUNTED IN CENTER OVAL ON EACH REAR CORNER POST * UBLIGHTS 6" OVAL BACK UP, CLASS 1 LED MOUNTED IN LOWER OVALS ON EACH REAR CORNER POST - CAB SHIELD STROBES, UBLIGHTS 6" OVAL, STROBE, AMBER, CLASS 1 LED * SIX (6) MOUNTED IN FRONT OF CAB SHIELD* MOUNTED IN BOTTOM OVALS ON EACH SIDE * SIX (6) MOUNTED IN REAR OF CAB SHIELD * ONE (1) MOUNTED IN EACH SIDE OF CAB SHIELD * STAINLESS STEEL PIPING FOR WIRING - SPREADER LIGHTS, MAXXIMA LED CLEAR, ONE EACH MOUNTED EACH SIDE OF BODY - PRE-WET TANK ASSEMBLY MOUNTED BEHIND CAB * TWO (2) 120 GAL. TANKS * SS MOUNTING FRAME * HOLD-DOWN STRAPS * MOUNTING HARDWARE * SWENSON 1-1/2" FEMALE QUICK FILL KIT * SWENSON V-BOX FLUSH KIT - PRE-WET HYDRAULICS (SEE NOTE 3) * CERTIFIED POWER PREWET, VALVE INSTACK W/FLOW METER WITH STAINLESS BRACKET * CERTIFIED POWER PREWET PLUMBING KIT, BEHIND CAB, 1 LINE, 2 NOZZLES * CERTIFIED POWER PREWET QUICK RELEASE KIT W/ 1/2" HOSE. * CIRUS/CERTIFIED POWER HARNESS KIT * LINDCO IN TROUGH STAINLESS STEEL SPRAY BAR * HOSES & FITTINGS - SALT SPREADER * SWENSON SADS TAILGATE SPREADER W/18" POLY SPINNER, DIRECT DRIVE, 6" AUGER, STAINLESS STEEL CONSTRUCTION (NO PAINT) * SIDES OF SPREADER 8" OR HIGHER. * CUSTOM STAINLESS-STEEL FULL HEIGHT "YORKVILLE STYLE" REMOVABLE TAILGATE SPILL SHIELDS (PAIR) * HOSES, FITTINGS, ADAPTORS AND QUICK COUPLERS FOR SPREADER SHORT HOSE KIT - PINTLE HITCH: * CUT EXISTING PINTLE HITCH OFF OF TRUCK AND PREPARE FRAME FOR NEW PINTLE HITCH * 5/8" THICK LINDCO CUSTOM PINTLE PLATE * BUYERS 3/4" DROP FORGED D-RING W/WELD BRACKET 4-1/2" X 4-1/2" O.D. * BUYERS 30 TON RIGID MOUNT PINTLE HOOK * VELVAC 7-WAY BLADE TYPE SOCKET (MALE / TRUCK SIDE) - REFURBISH EXISTING PLOW HITCH * REINFORCE AND STRAIGHTEN PLOW HITCH WHERE NEEDED * MISCELLANEOUS MATERIAL ( WIRING, ELECTRICAL CONNECTORS, TIE DOWNS, CLAMPS, NUT, BOLTS, WASHERS, STEEL, OIL, GREASE, ETC.) - SANDBLAST & PAINTING * SANDBLAST, PRIME & PAINT CHASSIS FRAME AND TANKS (SEE NOTE 4) * SAND, PREP, PRIME WHERE NEEDED AND PAINT BLACK WHEELS * PRIME WHERE NEEDED AND PAINT HOIST & SUBFRAME TO BLACK * PAINT PINTLE HITCH * PAINT PLOW HITCH, INCLUDING LIFT ARM, SIDE PLATES, BUMPER AND LIFT CYLINDER BLACK - INSTALLATION & FREIGHT		\$26,244.00
<b>TOTAL NET PRICE:</b>				<b>\$52,243.00</b>
<b>NOTES:</b> 1. TOTAL INCLUDES FREIGHT. LOCAL SALES TAX NOT INCLUDED. 2. PURCHASE ORDER TO BE MADE OUT TO PB LOADER CORPORATION. ORDER WILL BE FULFILLED BY LINDCO. 3. PRODUCTION IS 180 TO 210 DAYS AFTER RECEIPT OF PURCHASE ORDER. DELIVERY OF COMPLETE UNIT IS APPROXIMATELY 60-90 DAYS AFTER PRODUCTION. 4. QUOTE IS BASED ON HAVING A PRE-WET MANIFOLD CURRENTLY AVAILABLE ON END USER'S TRUCK, AND AN EXISTING CONTROLLER SET UP FOR PRE-WET FUNCTIONS. 5. ADDITIONAL CHARGES WILL APPLY IF ANY REPAIRS TO THE CHASSIS FRAME RAIL OR TANKS IS REQUIRED.				

**PB Loader Corporation**  
5778 W. Barstow • Fresno, California 93722-5024 • Telephone (559) 277-7370 • Fax (559) 277-7375  
Toll free 800-350-8521 • Web [www.pbloader.com](http://www.pbloader.com)



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 #9

Tracking Number

PW 2020-09

### Agenda Item Summary Memo

**Title:** Oxcart Permitting System & Overweight Permitting Fees

**Meeting and Date:** Public Works Committee – January 21, 2020

**Synopsis:** See Attached Memo

### Council Action Previously Taken:

Date of Action: N/A Action Taken: \_\_\_\_\_

Item Number: \_\_\_\_\_

**Type of Vote Required:** Majority

**Council Action Requested:** Approval

**Submitted by:** Eric Dhuse Public Works  
Name Department

### Agenda Item Notes:

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# Memorandum

To: Public Works Committee  
From: Eric Dhuse, Public Works Director  
Jim Jensen, Police Chief  
CC: Bart Olson, Administrator  
Date: January 15, 2020  
Subject: Oxcart Permitting System & Overweight Permitting Fees

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## **Summary**

Discussion regarding the utilization of the Oxcart Permitting System and the implementation of an Overweight/Oversize Truck Permitting fee schedule

## **Background**

As part of the goal setting process for the United City of Yorkville the council identified Automation and Technology as the number one goal for 2020. To assist in processing overweight truck permit requests that come into the City, staff began researching an on-line truck permitting system used by multiple cities in and around Kendall County called Oxcart.

The Oxcart Permitting System is a private company that contracts directly with the trucking companies to provide on-line permit applications for both municipal and state roadways. The permitting process is as follows:

- Trucking company completes an on-line permit application with Oxcart
- Oxcart will process the permit and overweight/size information
- The city will receive a permit request for approval via email
- Once approval is given Oxcart processes and issues all permits.

There are several advantages to utilizing the Oxcart Permitting System.

- Oxcart is free to the City. There is no monthly or annual membership fee to the City
- Oxcart will oversee and manage the approval process saving staff time
- Oxcart will issues local and state permits to the trucking companies eliminating City involvement
- Oxcart will manage processing and payment of all associated fees based on our fee schedule.
- Oxcart will collect and pay the city for all permit fees

Below is a step by step description of the process.

- Trucking company gets on Oxcart's website and enters the information on the route they would like to use to move the load. As the last step of this process, the trucking company enters their credit card information to preauthorize the card.
- The route charges are calculated, and all entities are informed of the permit application.
- All entities either approve or deny the permit.
- If the permit is approved, the credit card is charged, and the applicant can view/print the permit immediately. If the permit is denied, the preauthorization is cleared, and the process starts over.
- By the 10<sup>th</sup> of each month, the city will receive a statement detailing how many permits were issued in the previous month, and dollar amount associated with those permits. The money is then electronically transferred to our bank account.
- As a side note, the carrier is charged a fee of \$5-15 per permit depending on the routing.

Currently, the United City of Yorkville has no fee schedules associated with truck permitting. Refer to Exhibit A (Comparative Overweight/Permitting Information) for details on associated fees area wide.

**Recommendation**

At this time staff has two (2) recommendations:

- 1). Approve the use of the Oxcart Permitting System
- 2). Approve the implementation of a permitting fee schedule as provided (Exhibit B)

**Attachments**

Exhibit A: Comparative Overweight/Permitting Information

Exhibit B: Permit Fee Schedule

# Overweight/Permitting Comparison Information

City	Management	Permit Time	Permitting Program	Fee Information	Permits Per Year
Aurora	Police	5 Minutes	Oxcart	7 Day: \$50 14 Day: \$80 Quarterly: \$150 Annual: \$450	Unknown
North Aurora	Police	10 Minutes	Oxcart	Fee amount determined by weight Fee amount single, round trip, multiple trips Under 88,000lbs: \$50, \$75, \$150 88,000-100,000lbs: \$75, \$100, \$175 100,000-120,000lbs: \$100, \$125, \$225 120,001-150,000lbs: \$125, \$150, \$300 150,000+lbs: \$125, \$150, \$300	96
Sugar Grove	Police	10 Minutes	Oxcart	7 Day Single Trip: \$50 14 Day Round Trip: \$75 30 Day Multiple Trip: \$150	72
Oswego	Police & PW	5-10 Minutes	Oxcart	7 Day: \$50 14 Day: \$80 120 Day: \$150	100
Naperville	Engineering	15 Minutes	Oxcart	Fee amount per mile Fee amount per axle	645
St. Charles	Unknown	15 Minutes	Oxcart	Fee amount based on Height Fee amount based on Width Fee amount single, round trip, multiple trips	150
Minooka	Unknown	10 Minutes	Oxcart	7 Day Single Trip: \$30 14 Day Round Trip: \$50 30 Day Round Trip: \$75	192
Plainfield	Unknown	10 Minutes	Oxcart	Single Trip Permits Valid 5 days Round Trip Permits Valid 10 Days 100,000lbs: Single \$75 Roundtrip \$150 120,000lbs: Single \$100 Roundtrip \$200 150,000lbs: Single \$125 Roundtrip \$250 150,000+lbs: Single \$150 Roundtrip \$300 Oversize Only: Single \$50 Roundtrip \$100	650
Kendall County	Highway Dept	5 Minutes	Oxcart	Permit fees vary depending on weight, axle	1,500



## United City of Yorkville Public Works Department

800 Game Farm Rd.  
Yorkville, IL 60560  
Phone – 630-553-4370  
Fax – 630-553-4377

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### **Proposed fees for oversize/overweight permits**

- Single trip permit valid for 7 days from date of issuance
- Round trip permit valid for 14 days from date of issuance
- Maximum of 20,000 lbs./axle

Oversize Only	Single trip - \$50	Round trip - \$100
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100,000 lbs.	Single trip – \$50	Round trip - \$100
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150,000 lbs.	Single trip - \$75	Round trip - \$150
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+150,000 lbs.	Single trip - \$100	Round trip - \$200
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90 day unlimited permit -	\$500
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180 day unlimited permit -	\$750
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Annual unlimited permit -	\$1000
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