



## 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, July 16, 2019

6:00 p.m.

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

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#### **Citizen Comments:**

**Minutes for Correction/Approval:** June 18, 2019

#### **New Business:**

1. PW 2019-45 Water Department Reports for April, May, and June 2019
2. PW 2019-46 Capital Improvement Summary
3. PW 2019-47 Quarterly Bond and Letter of Credit Reduction Summary
4. PW 2019-48 Cedarhurst Living – Acceptance of Public Improvements
5. PW 2019-49 Re-Piping of Water Main and Demolition of Well #3 Building – Change Order No. 1
6. PW 2019-50 Mill Road Intergovernmental Agreement
7. PW 2019-51 Heustis Street Stop Sign

#### **Old Business:**

1. PW 2018-102 East Alley Parking Lot – Update
2. PW 2019-27 Crosswalk at Route 47 and Main Street
3. PW 2019-28 Plow Trucks – Purchase Authorization and FY 20 Budget Amendment
4. PW 2019-41 Chemical Feed Systems – NSF Information

#### **Additional Business:**

2019/2020 City Council Goals – Public Works Committee		
Goal	Priority	Staff
“Municipal Building Needs & Planning”	2	Bart Olson, Rob Fredrickson, Eric Dhuse, Rich Hart, 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 & Rich Hart
“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, July 16, 2019**  
**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. June 18, 2019

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

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**NEW BUSINESS:**

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

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

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2. PW 2019-46 Capital Improvement Summary

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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3. PW 2019-47 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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4. PW 2019-48 Cedarhurst Living – Acceptance of Public Improvements

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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6. PW 2019-50 Mill Road Intergovernmental Agreement

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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7. PW 2019-51 Heustis Street Stop Sign

☐ Moved forward to CC \_\_\_\_\_

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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\_\_\_\_\_

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**OLD BUSINESS:**

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## 1. PW 2018-102 East Alley Parking Lot – Update

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

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

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

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

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

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

☐ 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 – June 18, 2019

**Meeting and Date:** Public Works Committee – July 16, 2019

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

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Committee Approval

**Submitted by:** Minute Taker

Name

Department

#### Agenda Item Notes:

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

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

*Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at [agendas@yorkville.il.us](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/320/City-Council>*

# DRAFT

**UNITED CITY OF YORKVILLE  
PUBLIC WORKS COMMITTEE  
Tuesday, June 18, 2019, 6:00pm  
Yorkville City Hall, Conference Room  
800 Game Farm Road**

**IN ATTENDANCE:**

**Committee Members**

Chairman Joe Plocher  
Alderman Ken Koch

Alderman Chris Funkhouser  
Alderman Seaver Tarulis

**Other City Officials**

City Administrator Bart Olson  
Assistant City Administrator Erin Willrett

Public Works Director Eric Dhuse  
Engineer Brad Sanderson, EEI

**Other Guests:**

Fran Klaas, Kendall County

Steve Dennison, EEI

The meeting was called to order at 6:00pm by Chairman Joe Plocher. He asked to move item # 6 forward on the agenda.

**Citizen Comments:** None

**Previous Meeting Minutes:** May 21, 2019

The minutes were approved as presented.

**New Business:**

***1. PW 2019-39 Well No. 7 Generator – Engineering Agreement***

Mr. Dhuse said this design and construction engineering agreement is for \$39,742 for the well #7 generator. It moves to the June 25<sup>th</sup> City Council meeting.

(out of sequence)

***6. PW 2019-44 Mill Road***

Mr. Olson said there are two options for the Mill Road project which are full reconstruction or to patch the road. The reconstruction depends on the annexation agreement with Grande Reserve. Three parcels must be acquired for reconstruction, two of which have been approved for acquisition. There is no agreement for the third parcel and he does not believe the project can begin this year.

Engineer Fran Klaas was present and said the County is considering a roundabout at Kennedy, Galena and Mill Road or a traffic signal. He said EEI has done a study of Galena Rd. from Rt. 47 to Orchard Rd. The County Board approved an engineering agreement for a feasibility study, so they are



requesting the City pause the Mill Rd. improvements during this 2-month study. Mr. Klaas added that the County may be willing to pave Mill Road for a temporary fix. He said if a roundabout is approved, the land acquisition may change.

As an alternative, Mr. Olson added that any paving improvements could be done in two segments. Alderman Koch questioned if Grande Reserve might advance some funds. Mr. Olson said Grande Reserve sees these improvements as a marketing tool for their property. Costs of the repairs were discussed and Mr. Koch expressed concern for so many unbudgeted items this year. Alderman Tarulis asked about the number of years a patch project would last, which would be about 3-5 years. Mr. Olson noted that railroad crossing improvements will make the crossing ineligible for a possible quiet zone. The Committee agreed to work with the County on this project.

## ***2. PW 2019-40 Elizabeth Street Water Main Improvements - Engineering Agreement***

Mr. Dhuse said this is a potential engineering contract for design only for replacement of a 4" watermain which is not up to today's standards and would be replaced with 8" pipe. This item moves to the City Council.

## ***3. PW 2019-41 Chemical Feed Systems – Supply Purchase and Engineering Agreement***

Steve Dennison of EEI was present to explain this system. He said the goal is to have consistent chlorine residuals cleaned up and meet requirements which will be enacted in the next few months. The product will eliminate iron before the flushing program begins. He said the product is safe to use and will improve the water quality overall. The engineering agreement is to obtain permits and an IPA construction permit. Alderman Funkhouser asked about the long term effects and asked to see documentation from NSF which has approved this program. Mr. Dhuse added that it is also approved by EPA. The cost is \$50,000-\$60,000 to implement and equip. Residents will be informed by many forms of media when flushing occurs and Iron-Out will be provided as a courtesy. Mr. Dennison said all feedback regarding this system has been positive. The agreement should be approved before September prior to flushing and it will move to City Council with a report being provided at a future meeting.

## ***4. PW 2019-42 Blackberry Woods – Phase B Completion of Improvements Status***

Mr. Olson reported on the improvements. Most have been completed and a letter of credit should be coming in a day. Mr. Sanderson added that landscaping is being finished and he itemized the rest of the repairs. The original agreement called for a June 1st finish and Alderman Funkhouser noted it had been 1.5 years since it was to be done. An update will be given at the upcoming City Council meeting.

## ***5. PW 2019-43 2018 RTBR Program – Request for Change in Plans and Engineer's Final Payment Estimate***

This is a clean-up and finalization of last year's program. Mr. Sanderson said landscaping and restoration was an issue. The project is \$30,000 under the awarded value and he asked for approval of the change order. The committee was OK with this.

## **Old Business:**

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

There are no further developments and Mr. Olson said Imperial Investments has been working on plans for Oswego and Yorkville downtowns and deciding which to pursue. One plan is to redevelop the FS property and they have held meetings with city officials. No further action at this time.

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

Last month, the committee had requested EEI to research pedestrian beacons for this location. EEI discussed it with IDOT and found they are not allowed at that intersection due to distance requirements. Alderman Funkhouser suggested EEI pursue this further and ask the Mayor for his involvement. The committee approved pushing this to the next level.

## **3. PW 2019-36 Material Storage Shed**

The Purchasing Agent put this out to bid and will not require the use of MFT funds. Mr. Olson added the city is trying to re-instate a 2012 grant for \$40,000 to help with funding. The shed is not budgeted yet, but is a high priority, he said. The committee agreed it is needed and approved moving forward with it.

## **4. PW 2019-37 Selection of Committee Liaisons - Park Board**

It was decided that Alderman Frieders will remain as Park Board liaison and Alderman Koch will also attend meetings.

### **Additional Business:**

Alderman Tarulis reported that cars park on both sides of McHugh Rd. by the Post Office during baseball games, forcing drivers to drive into the opposite lane of traffic. He said the pavement markings are barely visible. Mr. Dhuse will look at the situation.

Alderman Koch asked if the sidewalk by Greenbriar was finished since there was no fill-in with rocks. He also asked about ongoing water issues at 904 Adrian St. No action has been taken since it is a private drainage issue. Mr. Ratos did try to make contact and the resident was asked to move downspouts, however, Mr. Olson said it is not a city responsibility.

Damaged trees from a recent storm are being removed and Alderman Funkhouser said residents have asked him about tree replacements. The committee discussed prices and he asked if the city could get a wholesale price. Mr. Dhuse will research the costs, however, there is lack of staff to do the planting according to Mr. Olson and outsourcing is expensive.

There was no further business and the meeting was adjourned at 6:58pm.

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 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 2019-45

### Agenda Item Summary Memo

**Title:** Water Reports for April, May, and June 2019

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Monthly water reports for IEPA compliance.

### Council Action Previously Taken:

Date of Action: \_\_\_\_\_ 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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# United City of Yorkville

## WATER DEPARTMENT REPORT

APRIL 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	15,112,000
7	1527	1125	430	7,400,400
8	1384	840	456	16,969,000
9	1368	861	509	6,073,000
TOTAL TREATED				42,058,000

CURRENT MONTH'S PUMPAGE IS 2,174,600 GALLONS **LESS THAN LAST MONTH**  
272,000 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,518,500 GALLONS  
DAILY MAXIMUM PUMPED: 1,891,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 71.41 GALLONS

### WATER TREATMENT:

CHLORINE: 1,188 LBS. FED CALCULATED CONCENTRATION: 3.39 MG/L  
FLUORIDE: 0 LBS. FED CALCULATED CONCENTRATION: .0 MG/L  
POLYPHOSPHATE: 1,107 LBS. FED CALCULATED CONCENTRATION: 1.10 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
       SATISFACTORY 0 UNSATISFACTORY (EXPLAIN)

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

### MAINTENANCE:

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

### NEW CUSTOMERS:

RESIDENTIAL:        COMMERCIAL:        INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:

Service breaks:



# United City of Yorkville

## WATER DEPARTMENT REPORT

MAY 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	15,891,000
7	1527	1125	430	7,703,000
8	1384	840	456	18,399,000
9	1368	861	509	9,027,000
TOTAL TREATED				47,090,500

CURRENT MONTH'S PUMPAGE IS 5,465,600 GALLONS **MORE THAN LAST MONTH**  
6,122,000 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,645,800 GALLONS  
DAILY MAXIMUM PUMPED: 1,054,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 79.95 GALLONS

### WATER TREATMENT:

CHLORINE: 1,457 LBS. FED CALCULATED CONCENTRATION: 3.74 MG/L  
FLUORIDE: 0 LBS. FED CALCULATED CONCENTRATION: .0 MG/L  
POLYPHOSPHATE: 1,209 LBS. FED CALCULATED CONCENTRATION: 1.08 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
       SATISFACTORY 0 UNSATISFACTORY (EXPLAIN)

FLOURIDE: 8 SAMPLE(S) TAKEN CONCENTRATION: 0.85 MG/L

### MAINTENANCE:

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

### NEW CUSTOMERS:

RESIDENTIAL:        COMMERCIAL:        INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:

Service breaks:



# United City of Yorkville

## WATER DEPARTMENT REPORT

June 2019  
MONTH / YEAR

### WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	18,500,000
7	1527	1125	430	8,315,000
8	1384	840	456	14,040,000
9	1368	861	509	12,496,000
TOTAL TREATED				53,351,000

CURRENT MONTH'S PUMPAGE IS 2,331,600 GALLONS **MORE THAN LAST MONTH**  
7,311,000 GALLONS **MORE THAN LAST YEAR**  
DAILY AVERAGE PUMPED: 1,778,400 GALLONS  
DAILY MAXIMUM PUMPED: 2,262,000 GALLONS  
DAILY AVERAGE PER CAPITA USE: 86.29 GALLONS

### WATER TREATMENT:

CHLORINE: 1,537 LBS. FED CALCULATED CONCENTRATION: 3.75 MG/L  
FLUORIDE: 0 LBS. FED CALCULATED CONCENTRATION: .0 MG/L  
POLYPHOSPHATE: 1,298 LBS. FED CALCULATED CONCENTRATION: 1.11 MG/L

### WATER QUALITY:

BACTERIOLOGICAL SAMPLES ANALYZED BY ILLINOIS ENVIRONMENTAL PROTECTION AGENCY:  
       SATISFACTORY 0 UNSATISFACTORY (EXPLAIN)

FLOURIDE: 8 SAMPLE(S) TAKEN CONCENTRATION: 0.85 MG/L

### MAINTENANCE:

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

### NEW CUSTOMERS:

RESIDENTIAL:        COMMERCIAL:        INDUSTRIAL/GOVERNMENTAL:       

### COMMENTS:

Service breaks:



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

Agenda Item Number

New Business #2

Tracking Number

PW 2019-46

### Agenda Item Summary Memo

**Title:** Capital Project Update

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Status Update

### Council Action Previously Taken:

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

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

**Type of Vote Required:** None

**Council Action Requested:** Informational

**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, Deputy City Clerk

Date: July 1, 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**

### Whispering Meadows – Completion of Improvements

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

### Rt 71 Water main and Sanitary Sewer Relocation

Work will begin sometime this summer. Delays are due to private utility companies.

## **Planning/Design Projects**

### 2019 RTBR

Contract work is 90% complete. The contract completion date is July 12<sup>th</sup>.

### East Orange Street Water Main Improvements

Construction is scheduled to begin in July. The contract completion date is November 30<sup>th</sup>.

### Church Street Sanitary Sewer Improvements

Construction is scheduled to begin in July. The contract completion date is August 30<sup>th</sup>.

### Mill Road Reconstruction

Final design is approximately 95% complete. Final plans have been submitted to BNSF and the private utility companies. ROW acquisition is needed from three parcels; City Attorney is currently negotiating. Project funding is contingent on Grande Reserve agreement.

### Elizabeth Street Water Main Replacement

Design Engineering has begun.

### Well No. 7 Generator

Design Engineering has begun.





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 #3

Tracking Number

PW 2019-47

### Agenda Item Summary Memo

**Title:** Bond/LOC Reduction Summary – June 30, 2019

**Meeting and Date:** Public Works Committee – July 16, 2019

**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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# Memorandum

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

Date: July 1, 2019  
Subject: 2019 Bond/LOC Reduction Summary – To Date

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Please see the attached reduction summary through June 30, 2019. If you have any questions, please let me know.

## 2019 Bond and Letter of Credit Reduction Report

[illegible]



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

Agenda Item Number

New Business #4

Tracking Number

PW 2019-48

### Agenda Item Summary Memo

**Title:** Cedarhurst Living

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Acceptance Consideration

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Approval

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

#### Agenda Item Notes:

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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: July 5, 2019  
Subject: Cedarhurst Living- Acceptance

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

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

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

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

The existing bond and new amounts are as follows:

Travelers Casualty and Surety Company of America Bond No. 106746840	\$203,196.00
Original Approved EOPC (Public Improvement Portion)	\$37,780.00
<b>Required Value (10% of Original)</b>	<b>\$3,778.00</b>
<b>Net Allowable Reduction</b>	<b>\$199,418.00</b>

Upon City Council approval of the acceptance and the receipt of the executed Bill of Sale and new guarantee amount, the existing security may then be released. If you have any questions or require additional information, please call.

**BILL OF SALE**

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

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

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

*Subscribed* and *Sworn* to  
before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

EXHIBIT A  
CEDARHURST LIVING  
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITIY
<b>WATER MAIN CONSTRUCTION</b>		
6" DUCTILE IRON WATER MAIN	FOOT	32
8" DUCTILE IRON WATER MAIN	FOOT	408
8" VALVE AND 5' DIA VALVE VAULT	EACH	1
6"AUXILIARY VALVE AND VALVE BOX	EACH	1
FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2
<b>ROADWAY CONSTRUCTION</b>		
PCC SIDEWALK, 5"	SQ FT	1,080



100 SANITARY MANHOLE (EXISTING MH)  
PROP. EXTERNAL DROP - SEE YBSD DETAIL  
RIM = 633.48 (ADJUST RIM TO PROP. RIM = ~~634.60~~ **634.63**)  
INV = ~~623.00~~ N (PROP UPPER 8") **623.03**  
INV = ~~618.00~~ N (PROP LOWER 8") **618.03**  
INV = 617.48 W (EXIST 15") CONTRACTOR TO FIELD VERIFY  
INV = 617.48 E (EXIST 15") CONTRACTOR TO FIELD VERIFY

102 OMITTED

103 OMITTED

104 CLEAN OUT WITH WYE ASSEMBLY  
RIM = ~~636.71~~ **636.71**  
INV = ~~627.50~~ (PROP 8") **INVERT NOT OBTAINABLE**

105 STUB @ BUILDING  
INV @ BLDG = 627.50' (PROP 8") N/A  
(VERIFY WITH ARCHITECT PLANS AND BLDG.)

100 EXIST. 16" DI WATER MAIN

101 PRESSURE CONNECTION 16"x8"  
8" VALVE AND VALVE VAULT 5' DIA  
RIM = ~~636.55~~ **636.34**

102 408 LIN FT WATER MAIN 8" DI  
WITH BENDS

103 FIRE HYDRANT (FLUSHING) W/ AUXILIARY VALVE  
BURY ELEV = ~~636.55~~ **636.09**

104 FIRE HYDRANT W/ AUXILIARY VALVE  
BURY ELEV = ~~635.00~~ **635.18**  
(32 LIN FT FH LEAD 6")

105 79 LIN FT WATER SERVICE 6" DI  
WITH BENDS

106 6" VALVE AND VALVE BOX  
RIM = ~~635.10~~ **634.91**

107 CONNECTION TO BLDG. (F/F = 636.75)  
(VERIFY EXISTING LOCATION WITH ARCH. PLANS)

A STORM SEWER TAG 211  
BOP = 630.77  
WATER MAIN TAG 102  
TOP = 629.27  
VERT SEP = 1.50'  
PROVIDE O-RINGS FOR STORM SEWER

B STORM SEWER TAG 480  
BOP = 633.12  
WATER MAIN TAG 105  
TOP = 6230.73  
VERT SEP = 2.39'  
PROVIDE O-RINGS FOR STORM SEWER

C STORM SEWER TAG 111  
BOP = 630.68  
WATER MAIN TAG 102  
TOP = 629.18  
VERT SEP = 1.50'  
WATER MAIN LOWERING REQUIRED  
PROVIDE 1.50' VERTICAL CLEARANCE  
PROVIDE O-RINGS FOR STORM SEWER

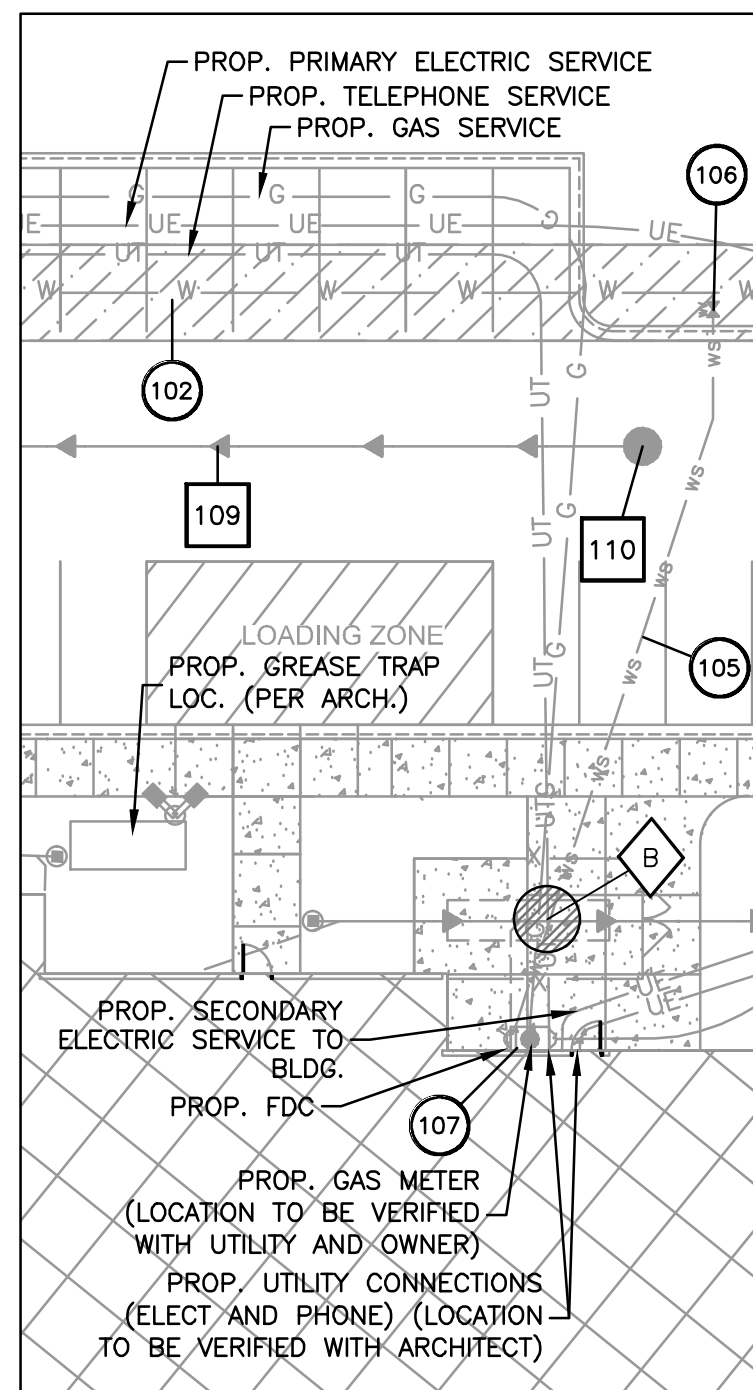
D STORM SEWER UNDERDRAIN  
BOP = 627.50  
SANITARY SEWER TAG 101  
TOP = 625.22  
VERT SEP = 2.28'

E STORM SEWER TAG 301  
BOP = 627.02  
EXIST. SANITARY SEWER  
TOP = 618.38  
VERT SEP = 8.64'

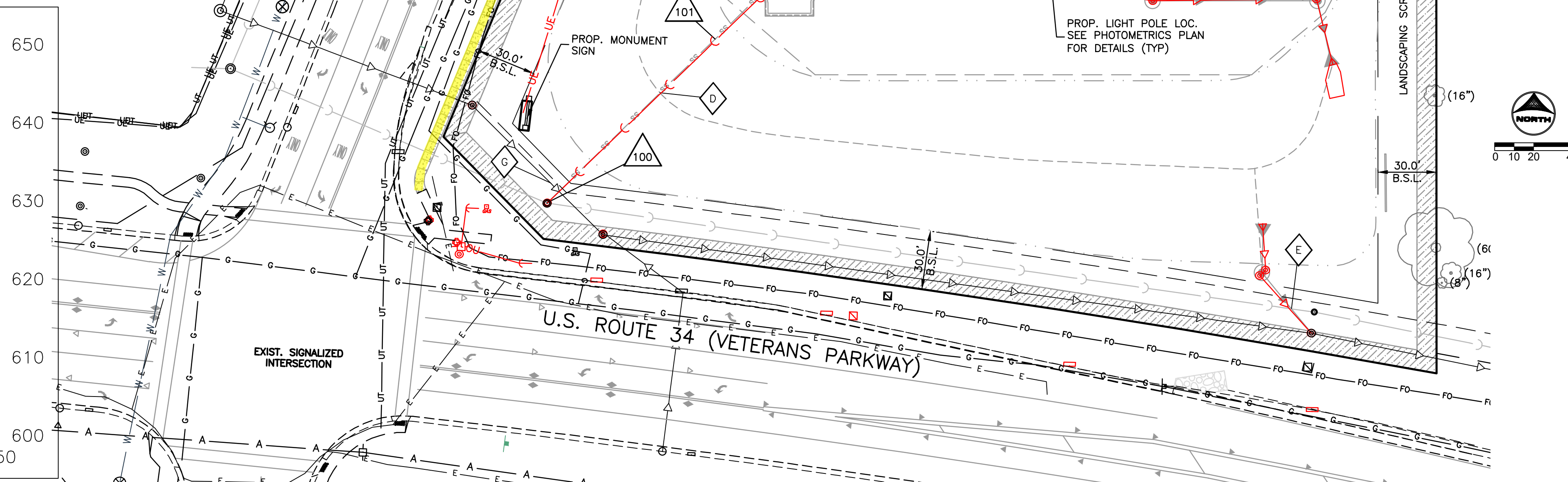
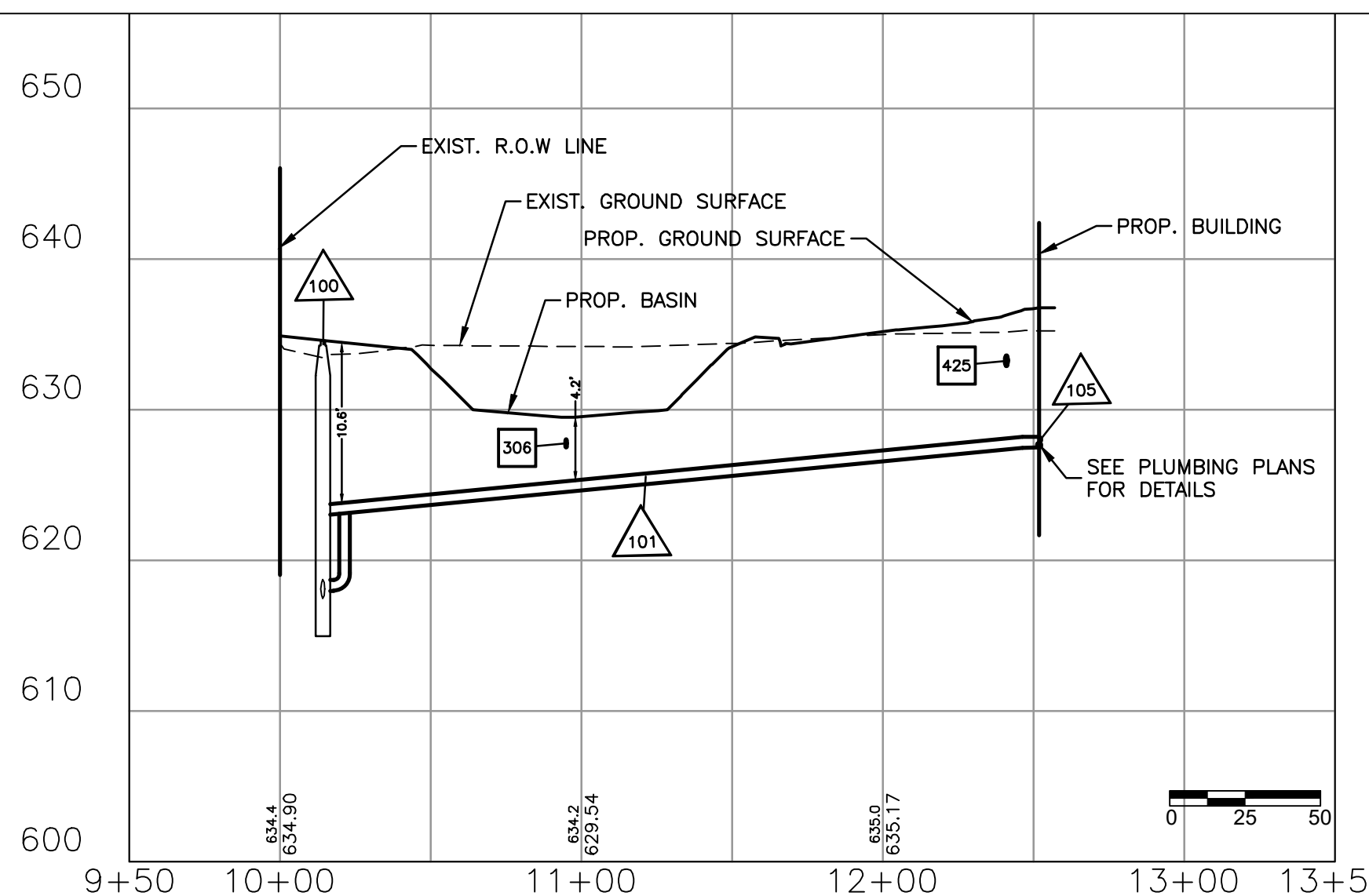
F STORM SEWER TAG 425  
BOP = 632.94  
SANITARY SEWER TAG 101  
TOP = 627.98  
VERT SEP = 4.96'




G SANITARY SEWER TAG 101  
BOP = 625.04  
EXIST. STORM SEWER  
TOP = 616.30  
VERT SEP = 8.74

H STORM SEWER TAG 107  
BOP = 630.35  
WATER MAIN TAG 105  
TOP = 628.85  
VERT SEP = 1.50'  
WATER MAIN LOWERING REQUIRED  
PROVIDE 1.50' VERTICAL CLEARANCE  
PROVIDE O-RINGS FOR STORM SEWER



WATER SERVICE  
CONNECTION DETAIL  
SCALE: 1"=20'

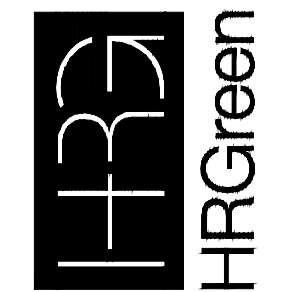


	DENOTES TRENCH BACKFILL
	DENOTES MAINTAIN 18" VERTICAL SEPARATION PER TO I.E.PA'S REQUIREMENTS
	INDICATES PROPOSED PUBLIC UTILITY AND DRAINAGE EASEMENT (P.U. & D.E.)

RECORD DRAWINGS


[illegible]

ILLINOIS DESIGN FIRM  
# 184.001322  
651 PRAIRE POINTE,  
SUITE 201  
YORKVILLE, IL 60560  
PHONE: 630.553.7560  
FAX: 630.553.7646



CEDARHURST OF YORKVILLE  
DOVER DEVELOPMENT, LLC  
YORKVILLE, ILLINOIS

RECORD DRAWINGS — FOR REVIEW  
 OVERALL UTILITY PLAN

BAR IS ONE INCH ON  
OFFICIAL DRAWINGS  
0  1"  
IF NOT ONE INCH,  
ADJUST SCALE ACCORDINGLY

DRAWN BY: CAN  
APPROVED: DWS  
JOB DATE: 03/04/2019  
JOB NO: 170973

DRAWING

RD-05





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 2019-49

### Agenda Item Summary Memo

**Title:** Re-Piping of Water Main and Demolition of Well #3 Building

**Meeting and Date:** Public Works Committee – July 16, 2019

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

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Approval

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

#### Agenda Item Notes:

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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  
Erin Willrett, Assistant City Administrator  
Krysti Barksdale-Noble, Community Dev. Dir.  
Lisa Pickering, City Clerk

Date: July 16, 2019  
Subject: Re-Piping of Water Main and Demolition of Well #3 Building

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

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

## **Background:**

The United City of Yorkville and Performance Construction and Engineering, LLC entered into an agreement for a contract value of **\$118,800.00** for the above referenced project.

## **Questions Presented:**

Should the City approve Change Order No. 1 (Balancing) which would **decrease** the contract amount by \$14,518.50.

## **Discussion:**

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

We are recommending approval of the change order.

## **Action Required:**

Consideration of approval of Change Order No. 1 (Balancing) in the amount of \$14,518.50.

CHANGE ORDER

Order No. 1 (Balancing)

Date: June 24, 2019

Agreement Date: September 14, 2018

NAME OF PROJECT: Re-Piping of Existing Water Main and Demolition of Well #3 Building

OWNER: United City of Yorkville

CONTRACTOR: Performance Construction & Engineering, LLC

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. SEE ATTACHED

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$118,800.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$118,800.00

The CONTRACT PRICE due to this CHANGE ORDER will be (~~increased~~) (decreased) by: \$14,518.50

The new CONTRACT PRICE including this CHANGE ORDER will be: \$104,281.50

Change to CONTRACT TIME:

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

The date for completion of all work will be June 13, 2019

Justification

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

Approvals Required

Requested by: Performance Construction & Engineering, LLC

Recommended by: Engineering Enterprises, Inc.

Accepted by: United City of Yorkville

**CHANGE ORDER NO. 1 (BALANCE)**  
**RE-PIPING OF WATER MAIN AND DEMOLITION OF WELL #3 BUILDING**  
**UNITED CITY OF YORKVILLE**

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	PRESSURE CONNECTION WITH TAPPING SLEEVE, 12" TAPPING VALVE IN VALVE BOX	EACH	1	\$ 12,000.00	1	\$ 12,000.00	0	\$ -
	PRESSURE CONNECTION WITH TAPPING SLEEVE, 12" TAPPING VALVE IN 60" VAULT	EACH	1	\$ 15,000.00	0	\$ -	1	\$ 15,000.00
2	WATER MAIN, 12-INCH D.I.P., CLASS 52 WITH POLYETHYLENE WRAP	FOOT	25	\$ 400.00	0	\$ -	7	\$ 2,800.00
3	WATER MAIN REMOVAL	FOOT	15	\$ 50.00	0	\$ -	5	\$ 250.00
4	DUCTILE IRON FITTINGS	LB	506	\$ 5.00	0	\$ -	14	\$ 70.00
5	FOUNDATION MATERIAL	CUYD	50	\$ 40.00	0	\$ -	50	\$ 2,000.00
6	RAW WATER MAIN FLUSHING	LSUM	1	\$ 750.00	0	\$ -	1	\$ 750.00
7	EXPLORATORY EXCAVATION	EACH	1	\$ 1,000.00	0	\$ -	1	\$ 1,000.00
8	PAVEMENT REMOVAL	SQYD	20	\$ 10.00	43.9	\$ 439.00	0	\$ -
9	HOT-MIX ASPHALT PAVEMENT PATCHING, 4 INCH	SQYD	20	\$ 125.00	0	\$ -	20	\$ 2,500.00
10	HOT-MIX ASPHALT PAVEMENT, 4 INCH WITH 12 INCH AGGREGATE BASE	SQYD	185	\$ 55.00	101.5	\$ 5,582.50	0	\$ -
11	RESTORATION	SQYD	70	\$ 15.00	122	\$ 1,830.00	0	\$ -
12	ALLOWANCE - ITEMS ORDERED BY THE ENGINEER	UNIT	10000	\$ 1.00	0	\$ -	10000	\$ 10,000.00

**TOTAL ADDITIONS = \$ 19,851.50**

**TOTAL DEDUCTIONS = \$ (34,370.00)**

ORIGINAL CONTRACT PRICE: \$ 118,800.00

\$ 118,800.00

AMOUNT OF CURRENT CHANGE ORDER: \$ (14,518.50)

**NEW CONTRACT PRICE: \$ 104,281.50**



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

Agenda Item Number

New Business #6

Tracking Number

PW 2019-50

### Agenda Item Summary Memo

**Title:** Mill Road Intergovernmental Agreement

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Please see attached.

### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Approval

**Submitted by:** Bart Olson Administration  
Name Department

### Agenda Item Notes:

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# Memorandum

To: City Council  
From: Bart Olson, City Administrator  
CC:  
Date: July 11, 2019  
Subject: Mill Road Intergovernmental Agreement

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## **Summary**

Consideration of an intergovernmental agreement with Kendall County for the mill and overlay of Mill Road.

## **Background**

This item was last discussed by the committee at the June Public Works Committee meeting. At that meeting, the committee heard from City and County staff about a proposal to have Kendall County design, bid, and construct a minor overlay of Mill Road. Under the proposal, the City would pay the County for the cost of the construction as it is bid out only; the City would benefit but not pay for the County performing the design and construction engineering with in-house employees.

The draft agreement is attached. The agreement contemplates a 1.5" mill and overlay of Mill Road between Kennedy and the east end of City limits (just less than one mile in total length). The mill and overlay specs in this agreement are less than the City's normal mill and overlay, as this project is expected to extend the useful life of the roadway for 2-5 years while the City and County study whether a roundabout at Galena and Kennedy are feasible. Additionally the City's ultimate rehab and realignment of the roadway is currently held up by land acquisition of three parcels and by a delay in the Grande Reserve annexation agreement amendment negotiations, which is expected to contain almost \$3m in funding for an ultimate fix to the roadway.

This project will be bid out by the County, at which point the City will have the ability to approve the bid and/or reduce the scope of the project. At that meeting, the City will have the benefit of hindsight of a couple more months – when the status of the land acquisition, the roundabout feasibility study, and the Grande Reserve annexation agreement negotiations may have changed.

We anticipate that the bids will be between \$100,000 and \$200,000 for the 1.5" fix between Kennedy and the City boundaries. While this money is not yet budgeted, we anticipate a healthy fund balance at the end of FY 19 and will prepare a budget amendment for the City Council meeting when the bids will be reviewed and approved.

## **Recommendation**

Staff recommends approval of the intergovernmental agreement.

**INTERGOVERNMENTAL AGREEMENT BETWEEN KENDALL COUNTY,  
ILLINOIS, AND THE CITY OF YORKVILLE, ILLINOIS, RELATING TO THE  
ASPHALT RESURFACING OF MILL ROAD**

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**THIS INTERGOVERNMENTAL AGREEMENT** (*the “Agreement”*) is by and between the County of Kendall, a unit of local government of the State of Illinois (“*Kendall County*”), and the City of Yorkville, a municipal corporation of the State of Illinois (the “*City*”).

**WITNESSETH:**

**WHEREAS**, the City and Kendall County (the “*Parties*”) are units of local government within the meaning of Article VII, Section 1 of the Illinois Constitution of 1970 who are authorized to enter into intergovernmental agreements pursuant to the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*; and

**WHEREAS**, the Constitution of the State of Illinois of 1970, Article VII, Section 10, provides that units of local government may contract or otherwise associate among themselves to obtain or share services and to exercise, combine, or transfer any power or function in any manner not prohibited by law or by ordinance and may use their credit, revenues, and other resources to pay costs related to intergovernmental activities; and

**WHEREAS**, the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, provides that any county may participate in an intergovernmental agreement under this Act notwithstanding the absence of specific authority under the State law to perform the service involved, provided that the unit of local government contracting with Kendall County has authority to perform the service; and

**WHEREAS**, it is deemed to be in the best interest of Kendall County and the motoring public to improve and maintain the various roadways throughout Kendall County, including those within the municipalities and townships of Kendall County; and

**WHEREAS**, Mill Road is located within the jurisdiction of the City; and

**WHEREAS**, given the deteriorated condition of Mill Road, Kendall County, with a financial contribution from the City, agrees to place a new asphalt wearing surface on Mill Road, from Kennedy Road to Allegiance Crossing, in order to curtail further deterioration, in furtherance of ensuring the safety of the general motoring public; and

**WHEREAS**, it is the understanding of the Parties that upon completion of the asphalt resurfacing of Mill Road, the City alone will maintain, repair and otherwise care for the roadways within its jurisdiction and that Kendall County will have no duties to maintain, repair or otherwise care for those roadways at any time in the future; and

**WHEREAS**, Kendall County and the City wish to enter into an agreement wherein they will provide for the asphalt resurfacing and divide the costs as is herein described.

**NOW, THEREFORE**, in consideration of the foregoing preambles, the mutual covenants contained herein and for good and valuable consideration, the sufficiency of which is agreed to by the Parties hereto, Kendall County and the City covenant, agree and bind themselves as follows, to wit:

1. The foregoing preambles are hereby incorporated into this Agreement as if fully restated in this paragraph 1.
2. Kendall County and the City shall perform the asphalt resurfacing described herein. The asphalt resurfacing (the “*Resurfacing Project*”) will be placed on Mill Road beginning at Kennedy Road and extending easterly to its intersection with Allegiance Crossing, a distance of approximately four thousand nine hundred (4,900) feet (the “*Resurfacing Project Area*”); it being understood that the Resurfacing Project Area may be decreased by the City prior to acceptance of a bid by Kendall County for the Resurfacing Project in the event the proposed



future redesign of Mill Road necessitates such decrease . The Resurfacing Project shall be completed during calendar year 2019. The Resurfacing Project shall include the placement of not less than one and one-half (1½) inches of hot mix asphalt, aggregate shoulders, and modified urethane pavement markings.

3. As lead agency, Kendall County shall prepare the design, specifications and engineering required for the Resurfacing Project, and, after approval by the City, proceed with bidding and awarding of the contract to the lowest responsible bidder in accordance with Illinois law and with the consent of the City. Kendall County shall perform all inspections and make initial payment for the Resurfacing Project. The City shall reimburse Kendall County for all construction costs, as set forth below. For purposes of this Agreement, “construction costs” include, but are not limited to, all expenses charged by a contractor for labor, materials, equipment, and overhead.
4. As lead agency, Kendall County shall pay all project costs, subject to reimbursement by the City as follows. The City shall reimburse Kendall County for one hundred percent (100%) of the total construction costs. Kendall County shall be responsible for all engineering and inspection costs.
5. Kendall County agrees that prior to the City disbursing the funds for its respective share as described herein, Kendall County must submit final project costs, along with a written request for reimbursement to the City, or to its designee. Following receipt of the proper documentation, the City shall remit payment as set forth in paragraph 4 above to Kendall County within thirty (30) days of the written request for funds.

6. Kendall County shall perform the Resurfacing Project as specified herein in compliance with state and federal laws and regulations, including those competitive bidding and selection requirements necessary pursuant to applicable state and federal laws.
7. During the course of the Resurfacing Project, Kendall County shall ensure that each contractor and/or subcontractor performing work on the Resurfacing Project shall obtain and continue in force during the term of the Resurfacing Project all insurance necessary and appropriate and that each contractor and/or subcontractor contracted with to perform work on the Resurfacing Project shall name Kendall County and the City as an Additional Insured on a Primary and Non-Contributory basis with respect to all liability coverage.
8. It is understood and agreed that Kendall County shall not undertake the acquisition of interests in real estate, including Temporary or Permanent Easements, for the Resurfacing Project, and that Kendall County shall not be obligated to acquire any property by way of fee ownership for the same.
9. The Parties hereby understand and agree that this Intergovernmental Agreement shall not require, nor confer, any additional responsibility on any of the Parties to undertake maintenance, repairs or improvements to the Resurfacing Project Area, except as are already provided by law or otherwise described in this Agreement.
10. To the extent permitted by law, each Party shall hold harmless, indemnify and defend the other Party, including such Party's past, present, and future board members, elected officials, insurers, employees, and agents from and against all liability, claims, suits, demands, proceedings and actions, including costs, reasonable fees and expense of defense, arising from, to, any loss, damage, injury, death, or loss or damage to property (collectively, the "Claims"), to the extent such Claims result from either 1) intentional, willful, wanton, reckless or negligent

conduct by such indemnifying Party in the use, maintenance, repair, and/or improvement of Resurfacing Project Area, or 2) such indemnifying Party's failure to adequately perform its obligations pursuant to this Agreement. However, no Party shall be indemnified hereunder for any loss, liability, damage, or expense resulting from its own intentional, willful, wanton, reckless or negligent misconduct.

Nothing contained herein shall be construed as prohibiting Kendall County and/or the City, and their respective officials, directors, officers, agents and employees, from defending through the selection and use of their own agents, attorneys and experts, any claims, suits, demands, proceedings and actions brought against them. The City and/or Kendall County's participation in their own defense shall not remove the other Party's and/or Contractors and Subcontractors' duty to indemnify, defend, and hold the other Party harmless, as set forth herein. The City and Kendall County do not waive their defenses or immunities under the Local Government and Governmental Employees Tort Immunity Act (745 ILCS 10/1, *et seq.*) or other such Acts by reason of indemnification or insurance.

11. Nothing in this agreement shall be interpreted to alter the Parties' jurisdiction over any of the Resurfacing Project Area roadways.
12. It is mutually agreed by Kendall County and the City that upon completion of the Resurfacing Project, Kendall County shall not be inferred to, or obligated to, have a duty to provide insurance for the Resurfacing Project Area or otherwise indemnify and hold harmless the City in connection with the use, enjoyment, maintenance, repair or replacement of the herein mentioned improvements. Further, the City shall be responsible for any future maintenance, repair or replacement deemed necessary for such improvements within the Resurfacing Project Area. Other than obligations specifically imposed by this Agreement, nothing in this

Agreement shall be construed as to create a duty or responsibility on behalf of Kendall County to maintain, repair, replace, or otherwise control the Resurfacing Project Area roadways or the improvements completed thereon.

13. This Agreement and the rights of the Parties hereunder may not be assigned (except by operation of law), and the terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective successors and assigns of the Parties hereto. Nothing in this Agreement, express or implied, is intended to confer upon any party, other than the Parties and their respective successors and assigns, any rights, remedies, obligations or liabilities under or by reason of such agreements.
14. Any notice required or permitted to be given pursuant to this Agreement shall be duly given if sent by fax, certified mail, or courier service and received. As such, all notices required or permitted hereunder shall be in writing and may be given by either (a) depositing the same in the United States mail, addressed to the Party to be notified, postage prepaid and certified with the return receipt requested, (b) delivering the same in person, or (c) telecopying the same with electronic confirmation of receipt:

*If to the County:* County Engineer  
Kendall County Highway Department  
6780 Route 47  
Yorkville, Illinois 60560

With copy to: Kendall County State's Attorney  
807 John Street  
Yorkville, Illinois, 60560

*If to the City:* Mayor John Purcell  
800 Game Farm Road  
Yorkville, Illinois 60560

With a copy to: Kathleen Field Orr  
City Attorney  
2024 Hickory Road

Suite 205  
Homewood, Illinois 60430

Or such address or counsel as any Party hereto shall specify in writing pursuant to this Section from time to time.

15. This Agreement shall be interpreted and enforced under the laws of the State of Illinois. Any legal proceeding related to enforcement of this Agreement shall be brought in the Circuit Court of Kendall County, Illinois. In case any provision of this Agreement shall be declared and/or found invalid, illegal or unenforceable by a court of competent jurisdiction, such provision shall, to the extent possible, be modified by the court in such manner as to be valid, legal and enforceable so as to most nearly retain the intent of the Parties, and, if such modification is not possible, such provision shall be severed from this Agreement, and in either case the validity, legality, and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby.
16. This Agreement may be executed in counterparts (including facsimile signatures), each of which shall be deemed to be an original and each of which shall constitute one and the same Agreement.
17. This Agreement represents the entire agreement between the Parties and there are no other promises or conditions in any other agreement whether oral or written. Except as stated herein, this agreement supersedes any other prior written or oral agreements between the Parties about the subject projects and may not be further modified except in writing acknowledged by all Parties.
18. Any Party may terminate this Agreement by providing thirty (30) days advance written notice to the other Party. However, the Parties shall not be permitted to cancel the Agreement once the Resurfacing Project has begun, unless done so in writing signed by each Party.

19. Nothing contained in this Agreement, nor any act of Kendall County or the City pursuant to this Agreement, shall be deemed or construed by any of the Parties hereto or by third persons, to create any relationship of third party beneficiary, principal, agent, limited or general partnership, joint venture, or any association or relationship involving the County and the City.
20. This Agreement shall be in full force and effect for a period of ninety-nine (99) years from the date of the last signature below unless: 1) it is agreed to terminate this Agreement in writing signed by all Parties, or 2) it is cancelled pursuant to paragraph 18 above, or 3) the Resurfacing Project is completed, at which time the Agreement shall terminate, with the exception of all indemnification responsibilities, which shall remain in force.
21. This Agreement shall be effective upon approval by Kendall County and the City and the date of this Agreement shall be deemed as the last date of acceptance provided below.
22. Kendall County and the City each hereby warrant and represent that their respective signatures set forth below have been, and are on the date of this Agreement, duly authorized by all necessary and appropriate corporate and/or governmental action to execute this Agreement.

**IN WITNESS WHEREOF**, the Parties hereto have caused this Intergovernmental Agreement to be executed by their duly authorized officers on the below date.

**COUNTY OF KENDALL, A UNIT OF LOCAL GOVERNMENT OF THE STATE OF ILLINOIS**

*By:* \_\_\_\_\_  
Kendall County Board Chair Date

*Attest:* \_\_\_\_\_  
Kendall County Clerk Date

(Seal)

**CITY OF YORKVILLE, A MUNICIPAL CORPORATION OF THE STATE OF ILLINOIS**

*By:* \_\_\_\_\_  
Mayor Date

*Attest:* \_\_\_\_\_  
City Clerk Date



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

Agenda Item Number

New Business #7

Tracking Number

PW 2019-51

### Agenda Item Summary Memo

**Title:** Heustis Street Stop Sign

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** A discussion will take place at the meeting.

### Council Action Previously Taken:

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

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

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

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

**Submitted by:** Bart Olson Administration  
Name Department

### Agenda Item Notes:

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

Agenda Item Number

Old Business #1

Tracking Number

PW 2018-102

### Agenda Item Summary Memo

**Title:** East Alley Parking Lot – Update

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Please see attached.

### Council Action Previously Taken:

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

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

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

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

**Submitted by:** Bart Olson Administration  
Name Department

### Agenda Item Notes:

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# Memorandum

To: City Council  
From: Bart Olson, City Administrator  
CC:  
Date: July 11, 2019  
Subject: East Alley Parking Lot - Update

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## **Summary**

Review of the current status of the East Alley Parking Lot paving/restriping project.

## **Background**

This item was last discussed by the committee at the June Public Works committee meeting. At that meeting, the committee heard an update from staff that the easement for a portion of the FS property was still yet to be discussed with Imperial Investments. Since that meeting, the concept of the easement has been verbally accepted by Imperial Investments and the City staff has begun drafting the easement for Imperial Investments sign-off. At time of packet creation, the easement is not complete, but it's possible everything will be ready for approval by the July 23<sup>rd</sup> City Council meeting.

## **Recommendation**

This is an informational item.



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

Agenda Item Number

Old Business #2

Tracking Number

PW 2019-27

### Agenda Item Summary Memo

**Title:** Crosswalk at Route 47 and Main Street

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** A verbal update will be given at the meeting.

### Council Action Previously Taken:

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

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

**Type of Vote Required:** Informational

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

**Submitted by:** Bart Olson Administration  
Name Department

### Agenda Item Notes:

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

Agenda Item Number

Old Business #3

Tracking Number

PW 2019-28

### Agenda Item Summary Memo

**Title:** Plow Trucks – Purchase Authorization and FY 20 Budget Amendment

**Meeting and Date:** Public Works Committee – July 16, 2019

**Synopsis:** Please see attached.

### Council Action Previously Taken:

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

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

**Type of Vote Required:** Supermajority (6 out of 9)

**Council Action Requested:** Approval

**Submitted by:** Bart Olson Administration  
Name Department

### Agenda Item Notes:

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# Memorandum

To: City Council  
From: Bart Olson, City Administrator  
CC:  
Date: July 11, 2019  
Subject: Plow trucks, purchase authorization and budget amendment

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## **Summary**

Discussion of a purchase to extend the lifespan of two existing plow trucks, approval of a FY 20 budget amendment to accommodate the prior purchase, approval of a new Peterbilt plow truck through Sourcewell for delivery and payment in FY 21, and discussion of the potential purchase of a second new plow truck in the near future.

## **Background**

This item was last discussed by the Public Works committee at the May meeting. At that meeting, the committee reviewed the status of the City's existing plow truck fleet and a proposal to purchase two new trucks at a cost of over \$400,000 (materials attached). The committee requested additional information on the budgetary impact of this purchase.

The FY 19 4Q budget report will be released in the next couple weeks. This report will contain unaudited figure and the audited numbers will be finalized in a month or so. Of note, the City's general fund had a positive swing of around \$1m, the City's fund balance sits above 40%, and the Public Works Vehicle and Equipment Capital Fund has a FYE fund balance amount of \$91,000. This \$91,000 can and should be used for vehicles like snow plows.

## **Recommendation**

The specific recommendation from staff is as follows:

- 1) Utilize the FYE 19 Public Works Vehicle and Equipment fund balance of \$91,000 to purchase upgrades to two of the City's existing plow trucks from a vendor to be determined and authorized by the City Council in the future. A narrative of the upgrades is attached in a memo from Eric Dhuse. We expect this purchase to extend the life of two of the plow trucks for 3-5 years. The exact upgrades on each truck will be reviewed by City Council at a later date, but we have prepared the budget amendment for FY 20 for immediate review.
- 2) Approve a sole source purchase authorization for a new plow truck from Peterbilt, for delivery and payment in FY 21 (lead time to delivery is 12 months) in an amount of \$205,000. This purchase will either be included in the FY 21 budget proposal for review in Spring 2020 or if the delivery time is expected to be sooner a FY 20 budget amendment to be authorized in the future. If a FY 20 budget amendment is required, this

purchase would be paid with general fund contingencies amount (i.e. surplus from FY 19) and/or potential future fund balance amounts in the Public Works Vehicle and Equipment fund.

- 3) Review FY 19 audited numbers and new housing start projections in Fall 2019 to see if a second new truck can be authorized for purchase.



# 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.



**Ordinance No. 2019-\_\_\_\_**

**AN ORDINANCE AUTHORIZING THE SECOND AMENDMENT TO THE ANNUAL BUDGET OF THE UNITED CITY OF YORKVILLE, FOR THE FISCAL YEAR COMMENCING ON MAY 1, 2019 AND ENDING ON APRIL 30, 2020**

**WHEREAS**, the United City of Yorkville (the “City”) is a duly organized and validly existing non-home rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

**WHEREAS**, pursuant to 65 ILCS 5/8-2-9.4, the City adopted Ordinance No. 2019-24 on April 9, 2019 adopting an annual budget for the fiscal year commencing on May 1, 2019 and ending on April 30, 2020; and,

**WHEREAS**, pursuant to 65 ILCS 5/8-2-9.6, by a vote of two-thirds of the members of the corporate authorities then holding office, the annual budget of the United City of Yorkville may be revised by deleting, adding to, changing or creating sub-classes within object classes and object classes themselves. No revision of the budget shall be made increasing the budget in the event funds are not available to effectuate the purpose of the revision; and,

**WHEREAS**, funds are available to effectuate the purpose of this revision.

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

**Section 1:** That the amounts shown in Schedule A, attached hereto and made a part hereof by reference, increasing and/or decreasing certain object classes and decreasing certain fund balances in the Vehicle & Equipment fund with respect to the United City of Yorkville’s 2019-2020 Budget are hereby approved.

**Section 2:** This ordinance shall be in full force and effect from and after its passage and approval according to law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this  
\_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
CITY CLERK

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

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

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

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

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

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

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

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

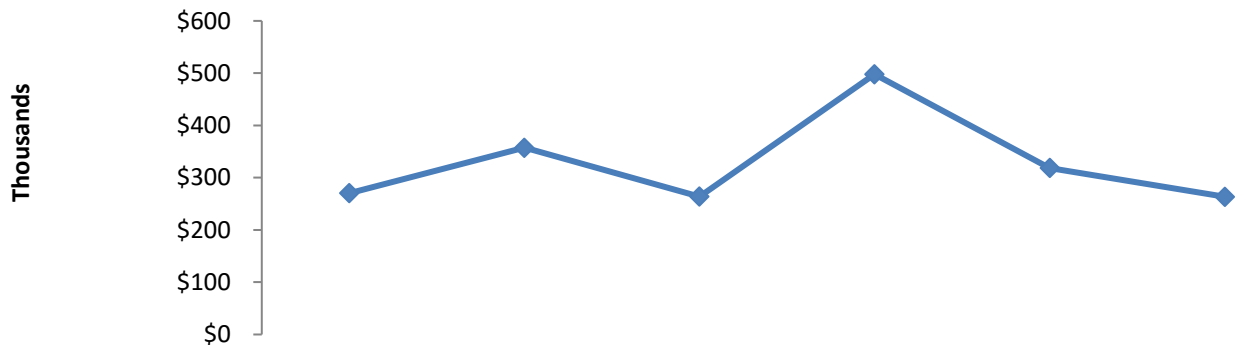
Approved by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this  
\_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
MAYOR

## VEHICLE & EQUIPMENT FUND (25)

This fund primarily derives its revenue from monies collected from building permits, fines and development fees. Revenues are used to purchase vehicles and equipment for use in the operations of the Police, General Government, Public Works Street Operations and Park & Recreation departments.

	FY 2017 Actual	FY 2018 Actual	FY 2019 Amended Budget	<u>Unaudited</u> FY 2019 Projected	FY 2020 Adopted Budget	FY 2020 Amended Budget
<b>Revenue</b>						
Licenses & Permits	134,050	229,575	145,000	243,142	109,500	109,500
Fines & Forfeits	6,608	8,730	6,700	8,640	8,650	8,650
Charges for Service	236,948	201,102	306,652	248,721	40,112	40,112
Investment Earnings	86	596	150	862	850	850
Miscellaneous	259,697	1,975	2,000	6,579	2,000	2,000
<b>Total Revenue</b>	<b>637,389</b>	<b>441,978</b>	<b>460,502</b>	<b>507,944</b>	<b>161,112</b>	<b>161,112</b>
<b>Expenditures</b>						
Contractual Services	31,526	53,799	10,500	8,517	14,500	14,500
Supplies	-	-	36,411	34,411	16,080	16,080
Capital Outlay	264,262	228,305	388,200	249,299	187,000	287,000
Debt Service	73,034	73,034	73,034	75,058	77,890	77,890
<b>Total Expenditures</b>	<b>368,822</b>	<b>355,138</b>	<b>508,145</b>	<b>367,285</b>	<b>295,470</b>	<b>395,470</b>
<b>Surplus (Deficit)</b>	<b>268,567</b>	<b>86,840</b>	<b>(47,643)</b>	<b>140,659</b>	<b>(134,358)</b>	<b>(234,358)</b>
<i>Police Capital - Fund Balance</i>	-	-	-	-	-	(6,068)
<i>General Gov - Fund Balance</i>	-	-	-	-	-	-
<i>PW Capital - Fund Balance</i>	-	37,930	6,435	91,907	91,561	(14,867)
<i>Parks &amp; Rec Capital - Fund Balance</i>	270,407	319,316	257,366	405,998	226,870	284,482
<b>Ending Fund Balance</b>	<b>270,407</b>	<b>357,246</b>	<b>263,801</b>	<b>497,905</b>	<b>318,431</b>	<b>263,547</b>
	73.3%	100.6%	51.9%	135.6%	107.8%	66.6%



# United City of Yorkville

## Vehicle & Equipment Fund

25

VEHICLE & EQUIPMENT FUND REVENUE

		FY 2017	FY 2018	FY 2019	Unaudited FY 2019	FY 2020	FY 2020
Account	Description	Actual	Actual	Budget	Projected	Adopted	Amended
Licenses & Permits							
25-000-42-00-4215	DEVELOPMENT FEES - POLICE CAPITAL	32,100	51,511	55,000	63,225	30,000	30,000
25-000-42-00-4216	BUILD PROGRAM PERMITS	28,700	44,935	-	2,720	-	-
25-000-42-00-4217	WEATHER WARNING SIREN FEES	-	224	-	217	-	-
25-000-42-00-4218	ENGINEERING CAPITAL FEES	8,600	11,000	12,000	19,550	10,000	10,000
25-000-42-00-4219	DEVELOPMENT FEES - PW CAPITAL	60,350	116,205	72,000	147,655	64,500	64,500
25-000-42-00-4220	DEVELOPMENT FEES - PARK CAPITAL	4,300	5,700	6,000	9,775	5,000	5,000
	Total: Licenses & Permits	\$134,050	\$229,575	\$145,000	\$243,142	\$109,500	\$109,500
Fines & Forfeits							
25-000-43-00-4315	DUI FINES	5,865	8,130	6,000	7,994	8,000	8,000
25-000-43-00-4316	ELECTRONIC CITATION FEES	743	600	700	646	650	650
	Total: Fines & Forfeits	\$6,608	\$8,730	\$6,700	\$8,640	\$8,650	\$8,650
Charges for Service							
25-000-44-00-4418	MOWING INCOME	1,955	894	2,000	2,167	2,000	2,000
25-000-44-00-4419	COMMUNITY DEVELOPMENT CHARGEBACK	-	-	40,000	44,985	-	-
25-000-44-00-4420	POLICE CHARGEBACK	97,459	130,208	140,241	77,158	24,032	24,032
25-000-44-00-4421	PUBLIC WORKS CHARGEBACK	63,626	-	-	-	-	-
25-000-44-00-4427	PARKS & RECREATION CHARGEBACK	73,908	70,000	90,000	90,000	-	-
25-000-44-00-4428	COMPUTER REPLACEMENT CHARGEBACK	-	-	34,411	34,411	14,080	14,080
	Total: Charges for Service	\$236,948	\$201,102	\$306,652	\$248,721	\$40,112	\$40,112
Investment Earnings							
25-000-45-00-4522	INVESTMENT EARNINGS - PARK CAPITAL	86	350	150	862	850	850
25-000-45-00-4550	GAINS ON INVESTMENT	-	246	-	-	-	-
	Total: Investment Earnings	\$86	\$596	\$150	\$862	\$850	\$850
Miscellaneous							
25-000-48-00-4852	MISCELLANEOUS INCOME - POLICE CAPITAL	435	214	-	412	-	-
25-000-48-00-4854	MISCELLANEOUS INCOME - PW CAPITAL	5,100	1,761	2,000	99	2,000	2,000
25-000-49-00-4920	SALE OF CAPITAL ASSETS - POLICE CAPITAL	5,990	-	-	6,068	-	-
25-000-49-00-4922	SALE OF CAPITAL ASSETS - PARK CAPITAL	248,172	-	-	-	-	-
	Total: Miscellaneous	\$259,697	\$1,975	\$2,000	\$6,579	\$2,000	\$2,000
	Total: VEHICLE & EQUIP REVENUE	\$637,389	\$441,978	\$460,502	\$507,944	\$161,112	\$161,112

# *United City of Yorkville* *Vehicle & Equipment Fund*

215

PUBLIC WORKS CAPITAL EXPENDITURES

		FY 2017	FY 2018	FY 2019	Unaudited FY 2019	FY 2020	FY 2020
Account	Description	Actual	Actual	Budget	Projected	Adopted	Amended
<b>Contractual Services</b>							
25-215-54-00-5405	BUILD PROGRAM	25,950	34,170	-	2,720	-	-
25-215-54-00-5448	FILING FEES	294	294	1,750	784	750	750
	<b>Total: Contractual Services</b>	<b>\$26,244</b>	<b>\$34,464</b>	<b>\$1,750</b>	<b>\$3,504</b>	<b>\$750</b>	<b>\$750</b>
<b>Supplies</b>							
25-215-56-00-5620	OPERATING SUPPLIES	-	-	2,000	-	2,000	2,000
	<b>Total: Supplies</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$2,000</b>
<b>Capital Outlay</b>							
25-215-60-00-6060	EQUIPMENT	24,098	-	13,200	7,922	7,000	7,000
25-215-60-00-6070	VEHICLES	44,424	20,821	35,000	34,010	-	100,000
	<b>Total: Capital Outlay</b>	<b>\$68,522</b>	<b>\$20,821</b>	<b>\$48,200</b>	<b>\$41,932</b>	<b>\$7,000</b>	<b>\$107,000</b>
<b>Debt Service - Public Works Building</b>							
25-215-92-00-8000	PRINCIPAL PAYMENT	41,430	43,303	43,303	43,922	44,429	44,429
25-215-92-00-8050	INTEREST PAYMENT	29,385	27,512	27,512	28,856	31,095	31,095
	<b>Total: Debt Service - PW Building</b>	<b>\$70,815</b>	<b>\$70,815</b>	<b>\$70,815</b>	<b>\$72,778</b>	<b>\$75,524</b>	<b>\$75,524</b>
	<b>Total: PW CAPITAL EXPENDITURES</b>	<b><u>\$165,581</u></b>	<b><u>\$126,100</u></b>	<b><u>\$122,765</u></b>	<b><u>\$118,214</u></b>	<b><u>\$85,274</u></b>	<b><u>\$185,274</u></b>



# Memorandum

To: Public Works Committee  
From: Eric Dhuse, Director of Public Works  
CC: Bart Olson, Administrator  
Date: May 15, 2019  
Subject: Plow trucks – Status

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## **Summary**

The committee asked staff to put together specifications and pricing for new plow trucks to start replacing the aging fleet.

## **Background**

After the downturn in the economy in 2007/2008, the city stopped following the vehicle replacement program that traded in trucks on a regular schedule. Since that time, we have only been able to purchase one new dump truck in 2016. Besides the one new dump truck, our fleet ranges from 11-16 years old.

To be able to provide the services that expected, it is imperative that we make a commitment to replacing the aging fleet. Our dump trucks are no longer reliable to perform the work they were purchased to do, and they are costing the city extra money in repairs. During the past snow season, it was very common to have at least one or two trucks down for service during any given snow event. When trucks are out of service, it can create a very serious domino effect. If we cannot provide timely service to clear the roads or salt them, this leads to packing snow or accumulating ice which leads to very dangerous driving conditions which can lead to increased accidents. We realize that we can't be everywhere at once, but when two trucks are down it increases our operation time by 2-4 hours overall depending on the event and operation.

In addition to the trucks up for discussion today, we will have to budget for at least one dump truck and one pickup truck in every budget year for next 5 years to get back on track of replacing vehicles on a schedule. While we are looking at vehicle replacement, I would like to mention that we need to get back on track with the equipment replacement as well. Our street sweeper, skid steer, mowers, utility tractor, wheel loader and backhoe all should be looked at for replacement or should have been replaced by now.

## **Recommendation**

It is my recommendation to purchase two new single axle dump trucks at a cost of \$201,055 each for a total cost of \$402,110. In addition to snow and ice control, these trucks will be set up with what is called an asphalt body which will allow us to dump hot mix asphalt directly into the paver instead of dumping it on the ground and filling the paver or loading it one tractor bucket at a time from the truck to the paver. This will dramatically increase our efficiency in paving and quality of the finished product.

I recommend that we purchase the trucks through Sourcewell which was formerly known as NJPA (National Joint Powers Alliance). This is a cooperative purchasing program that performs all the background, due diligence and guarantees prices to government, educational, and nonprofit organizations. We see this as a great alternative to using the state purchase program which only offers one truck and one body fabricator. With Sourcewell, we can

purchase trucks that we feel are far superior to the truck offered on the state purchase. If we are going to keep these trucks for 10+ years, we need to have reliable trucks.

At this time there is no money budgeted for this purchase. If the committee would like to move forward I will work with city staff to explore budgeting options such as using pw capital funds from the Raintree development agreement, using surplus funds from the previous year, procuring a bank loan, or other options that staff may come up with.

I would ask that this be placed on the May 21, 2019 Public Works Committee agenda for discussion. If you have any questions or need further information, please let me know.



## Truck/Equipment Purchasing Program Six (6) Step Purchasing Process



**LINDCO** Equipment Sales offers equipment through various Sourcewell contracts that we are a part of through distribution for that manufacturer. These contracts include National Auto Group, Viking Cives, Wausau and PB Loader.

It just takes six (6) steps to buy:

- Step 1: Call the **LINDCO** Sales Department at (888)565-5502 for a **LINDCO** sales representative to consult with you on your vehicle and equipment purchasing needs.
- Step 2: Your **LINDCO** sales representative will then recommend the contract that will best suit your purchase.
- Step 3: **LINDCO** will give you a complete quote within ten (10) business days.
- Step 4: Send purchase order to: **LINDCO**
- Step 5: Truck Dealer will deliver the truck to **LINDCO**
- Step 6: **LINDCO** will complete unit within 90-120 days, after receiving chassis.

### CALL (888)565-5502 NOW!!







**Contract #052417**  
**Expires: 10/02/2021**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- Asphalt (Pothole) Patchers
- Emulsion Sprayers
- Truck Mounted Front Loaders
- Swaploader Hook-Lift Systems
- Dump Bodies & Hoist
- Central Hydraulic Systems

- Snow Plows, Wing Plows  
& Scrapers
- Salt Spreaders
- Anti-Icing & De-Icing Units
- Mechanic Trucks
- Service Bodies

**COMPLETE TURN KEY CHASSIS PACKAGES OFFERED  
WITH YOUR CHOICE OF ANY CHASSIS.**



**Contract #**  
**080818-VCM**

**LINDCO**  
Equipment Sales, Inc.

**Expires: 10/29/2022**

**PRODUCTS & SERVICES**

- Wing Plows
- Front Plows
- Tow Plows
- Underbody Scrapers
- Salt Spreaders

- Anti-Icing & De-Icing Equipment
- Dump Bodies & Hoist
- Combination Spreader/Dump Bodies
- Central Hydraulic Systems
- Warning Light Systems

**COMPLETE TURN KEY FREIGHTLINER SNOW PLOW PACKAGES OFFERED  
WITH 180 DAYS DELIVERY.**



**Contract #091218-NAF**  
**Expires: 10/19/2022**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- Class 4 & 5 Chassis
- Chevrolet
- Ford
- Ram
- Isuzu
- Sprinter

- Turn Key Equipment Packages
- Snow Plow Truck Packages
- Service Body Packages
- Detachable Body Packages
- Aerial Lift Packages
- Any Type Custom Package

**COMPLETE TURN KEY CHASSIS PACKAGES OFFERED  
WITH YOUR CHOICE OF ANY CHASSIS.**



**Contract #081716-NAF**  
**Expires: 11/15/2020**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- Class 6, 7 & 8 Chassis
- Ford
- Freightliner
- Kenworth
- Mack
- Peterbilt

- Turn Key Equipment Packages
- Snow Plow Truck Packages
- Service Body Packages
- Detachable Body Packages
- Aerial Lift Packages
- Any Type Custom Package

**COMPLETE TURN KEY CHASSIS PACKAGES OFFERED  
WITH YOUR CHOICE OF ANY CHASSIS.**



**Contract #080818-WAS**  
**Expires: 10/29/2022**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- SnoGo Snowblowers
- Snow Plows

- Wing Plows
- Underbody Scrapers



**Contract #081716-NVS**  
**Expires: 11/15/2020**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- Class 6, 7 & 8 Chassis
- Full Turn Key Packages Available

- Lindco Equipment Sales can  
Furnish Turn Key Equipment



**Contract #081716-PMC**  
**Expires: 11/15/20**

**LINDCO**  
Equipment Sales, Inc.

**PRODUCTS & SERVICES**

- Class 6, 7 & 8 Chassis
- Full Turn Key Packages Available

- Lindco Equipment Sales can  
Furnish Turn Key Equipment

We give every customer  
**PERSONAL  
ATTENTION**  
on every purchase



**FORM E**  
**CONTRACT ACCEPTANCE AND AWARD**



(Top portion of this form will be completed by NJPA if the vendor is awarded a contract. The vendor should complete the vendor authorized signatures as part of the RFP response.)

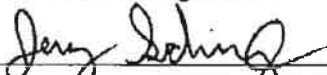
NJPA Contract #: 081716-PMC

Proposer's full legal name: Peterbilt Motors Company

Based on NJPA's evaluation of your proposal, you have been awarded a contract. As an awarded vendor, you agree to provide the products and services contained in your proposal and to meet all of the terms and conditions set forth in this RFP, in any amendments to this RFP, and in any exceptions that are accepted by NJPA.

The effective date of the Contract will be November 15, 2016 and will expire on November 15, 2020 (no later than the later of four years from the expiration date of the currently awarded contract or four years from the date that the NJPA Chief Procurement Officer awards the Contract). This Contract may be extended for a fifth year at NJPA's discretion.

**NJPA Authorized Signatures:**

  
\_\_\_\_\_  
NJPA DIRECTOR OF COOPERATIVE CONTRACTS  
AND PROCUREMENT/CPO SIGNATURE

Jeremy Schwartz  
(NAME PRINTED OR TYPED)

  
\_\_\_\_\_  
NJPA EXECUTIVE DIRECTOR/CEO SIGNATURE

Chad Coquette  
(NAME PRINTED OR TYPED)

Awarded on November 15, 2016

NJPA Contract # 081716-PMC

**Vendor Authorized Signatures:**

The Vendor hereby accepts this Contract award, including all accepted exceptions and amendments.

Vendor Name Robert P Woodall - Peterbilt Motors Company

Authorized Signatory's Title Asst General Mgr - Sales & Marketing

  
\_\_\_\_\_  
VENDOR AUTHORIZED SIGNATURE

Robert P. Woodall  
(NAME PRINTED OR TYPED)

Executed on \_\_\_\_\_, 20\_\_

NJPA Contract # 081716-PMC



May 14, 2019

United City of Yorkville  
3125 Barrevile Rd  
Yorkville  
IL 60560

Dear John,

JX Truck Center is pleased to present a price quotation for the vehicle(s) listed.

QUANTITY	YEAR	MAKE	MODEL	QUOTE#
1	2020	Peterbilt	348	single axle cab & chassis

New Truck Sales Price	\$96,562.00
Outside Parts & Service	\$0.00
Add On Body or Axle	\$0.00
Federal Excise Tax	\$0.00
APU	\$0.00
Extended Warranties PP1 (5/500), After (5/500)	\$2,290.00
Trade In	\$0.00
State Sales Tax	\$0.00
Title and Municipal Plate	\$103.00
Total Sales Price Per Unit	<b>\$98,955.00</b>
DOC Fee	\$179.00
Total Sales Price	<b>\$99,134.00</b>

Includes license and title and document fees.

F.O.B. First Destination Pricing valid for 15 days. Full payment will be due upon delivery.

Order Requirements: \$1,000 deposit each, or PO, signed final set of truck specifications,  
Signed purchase contract and verification of finance approval (if applicable).

Please feel free to contact me with any questions.

Thank you for the opportunity to earn your business

Sincerely,

*Cennie Swenson*

Sales Executive

JX Truck Center - Rockford, IL





Peterbilt II-Rockford (R120)  
4260 Linden Road  
Rockford, Illinois 61109

United City of Yorkville  
610 Tower Ln  
Yorkville, Illinois 60560  
United States of America

Phone: NULL  
Fax:  
Email: cswenson@jxe.com

Phone: 630-878-7288  
Fax:  
Contact Email:

## Vehicle Summary

Unit		Chassis	
Model:	Model 348	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	23000
Description 1:	348 Single axle Plow	G.C.W. (lbs):	43000
Description 2:			
Application		Road Conditions:	
Intended Serv.:	Snowplow	Class A (Highway)	100
Commodity:	Other Commodity	Class B (Hwy/Mtn)	0
		Class C (Off-Hwy)	0
		Class D (Off-Road)	0
Body		Maximum Grade:	
Type:	End Dump		6
Length (ft):	10	Wheelbase (in):	175
Height (ft):	8.5	Overhang (in):	45.8
Max Laden Weight (lbs):	1000	Fr Axle to BOC (in):	69.8
		Cab to Axle (in):	105.2
Trailer		Cab to EOF (in):	151
No. of Trailer Axles:	0	Overall Comb. Length (in):	259
Type:		Special Req.	
Length (ft):	0		
Height (ft):	0		
Kingpin Inset (in):	0		
Corner Radius (in):	0		
Restrictions			
Length (ft):	65		
Width (in):	102		
Height (ft):	13.5		

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

Note: All sales are F.O.B. designated plant of manufacture.



Std/ Opt	Description	Weight
<b>Base Model</b>		
S	<b>Model 348</b> The Model 348 was designed to exceed the rigid demands of Class 7 and Class 8 specialty application markets that require rugged durability and a wide range of optional content. The Model 348 represents a multi-dimensional performer with a GVW from 33,000 to 66,000 lbs. and optional capacity ratings to suit almost any vocation. The 348 is also available in a specifically designed all-wheel-drive configuration. From construction and crane service to utility and delivery services in both Class 7 and Class 8 markets, the 348 is in a class by itself.	10,610
O	<b>Other Commodity</b>	0
O	<b>Snowplow</b> Truck which is configured for mounting a snowplow to the front. May also have dump or other body.	0
O	<b>End Dump</b>	0
S	<b>United States Registry</b> Canadian Registry Package Requires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipd MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0
<b>Configuration</b>		
S	<b>Not Applicable</b> Secondary Manufacturer	0
<b>Frame &amp; Equipment</b>		
O	<b>11-5/8" Steel Rails to 444"</b> 11.625 x 3.874 x .375 Dimension, 2,568,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 21.4 cubic inches. Weight: 1.91 lbs/inch pair	407
O	<b>Zinc Coated Anti Corrosion Treated Frame Rails</b> Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	0
O	<b>Custom Wheelbase or Overhang</b> Engineering approval may be required.	0
S	<b>Three-Piece Crossmembers</b>	0
O	<b>FEPTO Provision 27.8in Bumper Extension</b> Includes Crankshaft Adapter Plate and Stationary Grille. Requires FEPTO Bumper.	86
S	<b>EOF Square without Crossmember</b> For use with body builder installed crossmember.	0
S	<b>Omit Rear Mudflaps and Hangers</b>	0
O	<b>Front Mudflaps, Black, No Logo</b>	22



Std/ Opt	Description	Weight
<b>Front Axle &amp; Equipment</b>		
O	<b>Dana Spicer D2000F 20,000 lb, 3.5 in. Drop</b> Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	144
O	<b>Taper Leaf Springs, Shocks 20,000 lb</b> Standard with Heavy Resistance Shocks.	189
O	<b>Power Steering TRW THP60 Dual</b> For use with 16,000 to 20,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	54
O	<b>Power Steering Reservoir Frame Mounted w/Cooler</b>	2
S	<b>PHP10 Iron PreSet Hubs</b>	0
O	<b>Bendix Air Cam Front Drum Brakes 16.5x7</b> For use with 16,000 lbs to 22,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	10
O	<b>Long Stroke Brakes, Front Axle</b>	0
O	<b>Gusseted Cam Brackets, Steer Axle</b>	0
O	<b>Heavy Duty Cam Bushings, Steer Axle</b>	0
<b>Rear Axle &amp; Equipment</b>		
O	<b>Dana Spicer S23-190 23,000 lb</b> Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	94
O	<b>PHP10 Aluminum PreSet PLUS Hubs</b>	0
S	<b>Long Stroke Parking Brakes, Drive Axle(s)</b>	0
O	<b>Gusseted Cam Brackets, Drive Axle(s)</b>	2
S	<b>SBM Valve</b> Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve	0





Std/ Opt	Description	Weight
	and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	
O	<b>Diff Lock, Single Drive Axle with Speed Interlock</b>	30
S	<b>Stability System Not Selected Or Not Available</b>	0
S	<b>Anti-Lock Braking System (ABS) 4S4M</b> ABS-6. Includes air braking system.	0
S	<b>Synthetic Axle Lubricant All Axles</b> Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0
S	<b>Single Drive Axle (Model 348)</b>	0
S	<b>Bendix Air Cam Rear Drum Brakes 16.5x7</b> Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.	0
O	<b>Ratio 5.57 Rear Axle</b>	0
S	<b>Peterbilt Air Trac 23,000 lb Light Weight</b>	0
O	<b>Air Springs, Internal Bumpers</b> Air Trac / Air Leaf suspensions	0
O	<b>Dash Mtd Dump Switch With Indicator Light</b> For suspension	2

## Engine & Equipment

O	<b>PACCAR PX-9 330@2000 GOV@2200 1000@1400</b>	0
	Productivity (2017 Emissions) Includes alum flywheel housing, cruise control, and J1939 provisions (provides an interface point for the Electronic Service Analysis-ESA and other PACCAR approved diagnostic tools). Chevron Delo LE SAE 10W30 engine oil is specially formulated for new low emissions engines. Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life. N21320 N205 120...Standard Maximum Speed Limit N21470 P062 NO....Cruise Control Auto Resume ( N21480 P068 NO....Auto Engine Brake in Cruise N21450 P026 NO....Gear Down Protection (P026) N21440 P015 NO....Engine Protection Shutdown ( N21350 P001 64....Maximum Accelerator Pedal Ve N21370 P059 64....Maximum Cruise Speed (P059) N21590 P230 YES...Enable Hot Ambient Automatic N21530 P233 YES...Enable Impending Shutdown Wa N21540 P234 60....Timer For Impending Shutdown N21460 P046 1400..Max PTO Speed (P046)	



Std/ Opt	Description	Weight
	N21520 P030 5.....Timer Setting (P030)	
	N21570 P031 NO....Idle Shutdown Manual Overrul	
	N21610 P172 40....Low Ambient Temperature Thre	
	N21630 P171 80....High Ambient Temperature Thr	
	N21510 P520 YES...Enable Idle Shutdown Park Br	
	N21430 N201 0.....Reserve Speed Limit Offset (	
	N21410 N202 0.....Maximum Cycle Distance (N202	
	N21400 N203 252...Reserve Speed Function Reset	
	N21420 N206 10....Maximum Active Distance (N20	
	N21340 P112 120...Hard Maximum Speed Limit (P1	
	N21550 P516 35....Engine Load Threshold (P516)	
	N21620 P173 60....Intermediate Ambient Tempera	
	N21330 N207 0.....Expiration Distance (N207)	
	N21500 N209 0.....Expiration Distance (N209)	
O	<b>Engine Idle Shutdown Timer Disabled</b>	0
O	<b>Enable EIST Ambient Temp Override</b>	0
	<b>Eff EIST NA Expiration Miles</b>	0
	<b>Effective VSL Setting NA</b>	0
O	<b>Belly Pan</b>	35
S	<b>CARB Engine Idling Compliance</b> PACCAR PX-7, PX-9 and MX, Cummins X15 and ISX diesel engines will include the required factory installed serialized sticker on the drivers door to identify them as meeting the NOx idling standard.	0
S	<b>PACCAR 160 Amp Alternator, Brushed</b>	0
O	<b>Immersion Type Block Heater 110-120V</b> Standard location for 2.1M and 1.9M models is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	2
S	<b>PACCAR 12V Starter, N/A PACCAR MX Engines</b> PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
O	<b>3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA</b> Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	62
O	<b>Battery Jumper Terminal Mounted Under Hood</b> LH Frame Rail. Not available with PX-7 engines.	4
O	<b>Kissling Battery Disconnect Switch, 300 amp</b> Mounted on battery box	3
O	<b>2-Speed Fan Clutch For Frequent Start/Stops</b>	0



Std/ Opt	Description	Weight
S	<b>18.7 CFM Air Compressor</b> N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0
O	<b>VGT Exhaust Brake</b> (Variable Geometry Turbo). Provides approximately 90-100 HP of retardation and is part of the turbocharger.	0
S	<b>Spin-On Fuel/Water Separator</b>	0
S	<b>No Fluid Heat Option for Fuel Filter</b>	0
O	<b>12V Heat for Fuel Filter</b>	0
O	<b>Engine Protection Shutdown</b> Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	0
S	<b>High Efficiency Cooling System</b> Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. ClimaTech extended life coolant extends maintenance intervals which reduces maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0
S	<b>Radial Seal, Dry Type Air Cleaner, Frontal</b> Air Intake. Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0
O	<b>Exhaust Single RH Side of Cab</b> DPF/SCR right-hand Under Cab (2017).	29
O	<b>Curved Tip Standpipe(s)</b>	0
O	<b>18" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)</b>	-2

### Transmission & Equipment

O	<b>Allison 3000 RDS-P Transmission, Gen 5</b> Rugged Duty Series. Includes Rear Transmission Support except on MX engines, TranSynd Automatic Transmission Fluid, and Water Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. (Suited for vehicles operating on/off highway and/or requiring PTO operation) Forward Ratios: 1st-3.49, 2nd-1.86, 3rd-1.41, 4th-1.00, 5th-0.75, 6th-0.65 / Reverse Ratios: DR-(5.03)	195
O	<b>SPL170 HD-XL Driveline, 2 Midship Bearings</b>	125



Std/ Opt	Description	Weight
O	<b>(1) Dash Mounted Single Acting Air PTO Control</b> Standard with PTO engaged indicator light on Class 8 units. Occupies the space of one gauge. Specing PTO switch does not ensure the PTO will fit.	0
O	<b>Auto Neutral Activates With Parking Brake</b> Auto Neutral helps improve jobsite safety by reducing the possibility of the truck moving due to throttle application.	0
O	<b>Allison FuelSense 2.0 Not Desired</b>	0
O	<b>Omit Allison Neutral At Stop</b>	0
O	<b>Allison 6-Speed Configuration, Close Ratio Gears</b> 3000 Series Transmissions	0
O	<b>Seat Mounted Lever Shifter</b>	0

#### Air & Trailer Equipment

O	<b>Bendix AD-IS EP Air Dryer, Heater</b> Coalescing filter, extended purge	6
O	<b>Pull Cords All Air Tanks</b>	0
S	<b>Nylon Chassis Hose</b>	0
O	<b>Aluminum Painted Air Tanks</b> All air tanks are aluminum with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	-45
O	<b>Body Connections 5' BOC</b> Junction Box contains light and power circuits for Body Connections located 5' from BOC.	4
O	<b>A&amp;E Conn EOF, 7-way Socket (w/Conn EOF Strapped to the rail)</b>	15

#### Tires & Wheels

O	<b>FF: BR 20ply 315/80R22.5 M870</b> Diameter= 42.8 inches; SLR= 19.9 inches	86
O	<b>RR: BR 16ply 11R22.5 M799</b> Diameter = 42.0 inches; SLR = 19.5 inches	36
O	<b>Code-rear Tire Qty 04</b>	0
O	<b>FF: Alcoa 89U637 22.5X9.00 Clean Buff Finish</b> Aluminum, Ultra ONE wheels with MagnaForce alloy.	-36
O	<b>RR: Alcoa 885657 22.5X8.25 Clean Buff Finish</b> Aluminum wheel severe service.	-68
O	<b>Code-rear Rim Qty 04</b>	0

Price Level: January 1, 2019

Deal: 343 Single axle Flow

Printed On: 5/14/2019 8:14:13 AM

Date: May 14, 2019

Order Number: 000-464468-L9R727



Std/ Opt	Description	Weight
O	<b>FF: Polish Wheels, Outer Surface, Sgl/Tdm Steer</b> Polish outer surface of outer wheel. Without chrome wheel nuts.	0
O	<b>RR: Polish Wheels, Outer Surface, Single Drive</b> Without chrome wheel nuts. Polish outer surface of outer wheel.	0
O	<b>Wheel Guards, Single Axle</b> Between wheels.	0
O	<b>FF: Dura-Bright Finish</b> Outer Surface of Outer Wheel, Includes Wheel Guards, Requires Polished Option	0
O	<b>RR: Dura-Bright Finish-Single Axle</b> Outer Surface of Outer Wheel, Includes Wheel Guards, Requires Polished Option.	0

### Fuel Tanks

O	<b>26in Aluminum 70 Gallon Fuel Tank LH U/C</b> Includes steps for cab access. Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.	11
O	<b>Location LH U/C 70 Gallon</b>	0
S	<b>DEF Tank Mounted LH BOC</b> Models 220 and 520 mounted LH cab fender	0
S	<b>Standard DEF to Fuel Ratio 2:1 Or Greater</b>	0
S	<b>DEF Tank Small</b>	0

### Battery Box & Bumper

O	<b>Aluminum Space Saver Battery Box LH BOC</b> Battery access from side	-84
S	<b>Aftertreatment RH U/C ALUMINUM Non-Slip Cab Entry</b> Step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box will be aerodynamic.	0
O	<b>Steel Bumper Swept Back Painted Black, With FEPTO</b> (2) Tow pin holes and step plates on top of bumper	90

### Cab & Equipment

S	<b>Alum Cab 108in BBC Metton Hood w/Bright Crown</b> Includes view window RH door and convex mirror over RH door.	0
O	<b>Severe Service Cab Package #1</b> Includes Aluminum side skins, aluminum rear skin, steel windshield mask, steel firewall, and steel front floor sheet on all cabs, and additional reinforcement structure on the back wall of the day cab.	39
O	<b>Thermal Insulation Package in Cab</b> Includes thick, closed-cell foam in floor, special mylar-faced foam in walls and roof structure.	2

Price Level: January 1, 2019

Deal: 345 Single Axle Flow

Printed On: 5/14/2019 8:14:19 AM

Date: May 14, 2019

Quote Number: QUO-164468-L3R7Z7



Std/ Opt	Description	Weight
O	Rubber Fender Lips 2" Wide	8
S	Peterbilt UltraRide Driver Seat	0
S	Peterbilt UltraRide Passenger Seat	0
S	Air Ride Driver	0
S	High Back Driver	0
S	Vinyl Driver	0
S	Non-Air Ride Passenger	0
S	High Back Passenger	0
S	Vinyl Passenger	0
S	Adjustable Steering Column - Tilt Only	0
S	<b>Steering Wheel With Peterbilt Logo</b> Steering Wheel with embossed Peterbilt logo over horn button.	0
S	<b>Interior Grey/Black</b> Includes rugged charcoal instrument panels, glare-resistant gray dash, black bezels on gauges, (2) power ports, monochromatic molded door pads with durable in-mold color, gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted dome light, foot well lighting, integrated "dead pedal", (4) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	0
S	<b>Day Cab Rear Window</b>	0
S	<b>1-Piece Curved Windshield</b>	0
S	<b>Combo Fresh Air Heater/Air Conditioner</b> With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0
O	<b>Peterbilt Comfort Control - Cab</b>	6
O	<b>Outside Sunvisor - Stainless Steel</b> Not available with 2.1M high roof sleeper.	4
O	<b>Mirrors SSTL Each Side Heated and Motorized</b> with Switch on Door.	2
O	<b>Power Package</b> Includes power door locks and power windows.	0
O	<b>(2) Air Horns 24.5" Chrome - Round w/Horn Shields</b>	16





Std/ Opt	Description	Weight
O	<b>Standard Speaker Package For Cab</b> (2) Speakers	4
O	<b>ConcertClass Without CD, Includes BT Phone and</b> Audio, AM/FM, WB, USB and MP3.	10
O	<b>Plug-In Auto Reset Circuit Breaker</b> in place of fuses in junction box.	0
S	<b>Peterbilt Electric Windshield Wipers</b> With Intermittent Feature.	0
O	<b>Backup Alarm (107 DB)</b>	3
S	<b>Air Restriction Indicator</b> Mounted on air cleaner, intake piping, or firewall.	0
S	<b>Main Instrumentation Panel, Graphics Display</b> Includes speedometer with trip odometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights w/audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.	0
O	<b>Dual Output Sensors For Road &amp; Engine Speed</b> Terminals routed to BOC/Front of Sleeper	0
S	<b>Headlights Composite Fender Mounted</b> Integral park, turn, and side marker	0
S	<b>(5) Marker Lights, Aero LED</b> Light Emitting Diodes	0
O	<b>Switch &amp; Wiring For F/O Beacon/Strobe</b> 10 ft coiled wire BOC/BOS at rear sill	2
O	<b>None Furnished Stop/Tail/Backup Lights</b> Available with full truck only, not available with tractor	-16
O	<b>Daytime Running Lights</b> Required on all Canadian vehicles	0
O	<b>(2) Addl Dome/Reading Lights, Ceiling Mounted</b>	0
O	<b>Moveable EOF Xmbr For Mounting Taillights</b> Square EOF with or without EOF xmbr.	1
<b>Paint</b>		
S	<b>Standard Paint Color Selection</b>	0
S	<b>(1) Color Axalta Two Stage - Cab/Hood</b> Base Coat/Clear Coat N85020 A - L0006EY WHITE N85500 CAB ROOF L0006EY WHITE N85300 FENDER L0006EY WHITE	0

Price Level January 1, 2015

Deal 348 Single axle Flow

Printed On: 5/14/2015 8:14:19 AM

Date May 14, 2015

Quote Number QUO-464468-L9R7Z7



Std/ Opt	Description	Weight
N85200	FRAME L0001EA BLACK	
N85400	HOOD TOP L0006EY WHITE	

### Shipping Destination

- |                       |                                    |   |
|-----------------------|------------------------------------|---|
| <input type="radio"/> | Shipping Destination To Dealership | 0 |
|-----------------------|------------------------------------|---|

### Options Not Subject To Discount

- |                       |   |   |
|-----------------------|---|---|
| S                     | <b>Peterbilt Class 7 Standard Coverage</b><br>1 year/Unlimited Miles/km   | 0 |
| S                     | <b>PACCAR PX-9 Standard Coverage</b><br>2 yrs/250,000 mi (402,336 km)/6,250 hrs   | 0 |
| <input type="radio"/> | <b>Vehicle Layout</b><br>Option is not subject to discount. Fleets will be split prior to build so that the charge is applied to only one unit. Quotes will not reflect this. | 0 |

### Miscellaneous

- |                       |   |   |
|-----------------------|---|---|
| <input type="radio"/> | <b>2017 EPA Emissions Engine</b><br>Warranty Only   | 0 |
| <input type="radio"/> | <b>Presentation Created With SmartSpec</b>  | 0 |
| <input type="radio"/> | <b>PACCAR 2017 PX-9 Protection Plan 1 (5/100 MI)</b><br>5 Years/100,000 Miles (160,935 KM)    | 0 |
| <input type="radio"/> | <b>PACCAR 2017 PX-9 Aftertreatment Coverage (5/100)</b><br>5 Years/100,000 Miles (160,935 KM) | 0 |

### Promotions

### Order Comments

Total Weight

12,259

## Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.  
Dimensional and performance data for unpublished options may vary from that displayed in CRM.

### PRICING DISCLAIMER

While we make every effort to maintain the web site to preserve pricing accuracy, prices are subject to change without notice. Although the information in this price list is presented in good faith and believed to be correct at the time of printing, we make no representations or warranties as to the completeness or accuracy of this information. We reserve the right to change, delete or otherwise modify the pricing information which is

Price Level: January 1 2019

Deal: 348 Single axle Flow

Printed On: 5/14/2019 8:14:19 AM

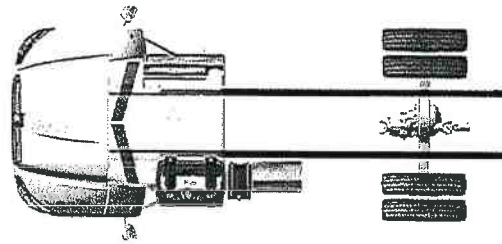
Date: May 14, 2019

Quote Number: QUO-404408-191727

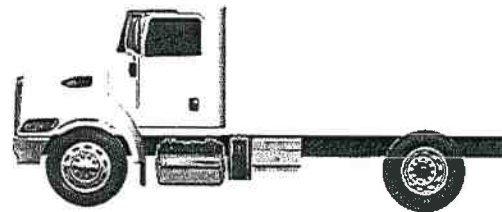




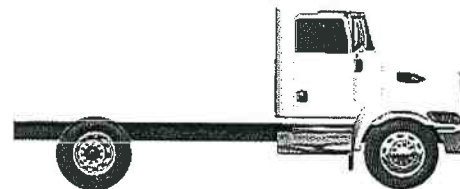
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Note: The image displayed is representative only. It should not be construed as a layout diagram. Dimensions and components are not to scale.

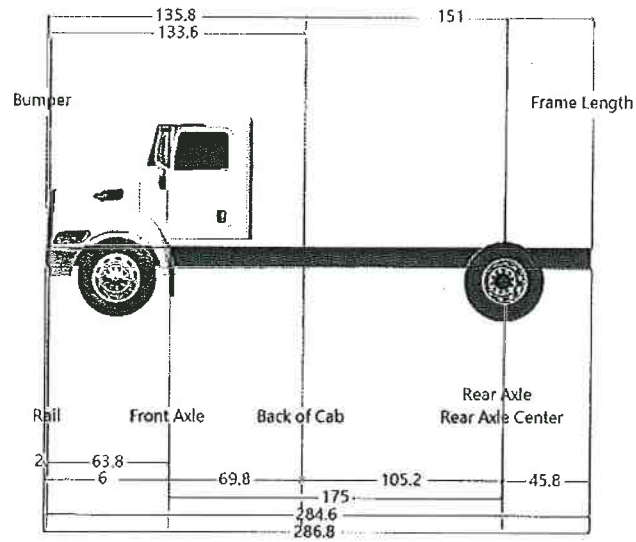


Note: The image displayed is representative only. It should not be construed as a layout diagram. Dimensions and components are not to scale.



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## HORIZONTAL DIMENSIONS



Dimension	Measurement	Start	End
<b>Axle Spacing</b>	0	175	175
<b>Bumper to Back of Cab</b>	135.8	-66	69.8
<b>Bumper to Front Axle</b>	66	-66	0
<b>Bumper to Front Frame</b>	2.2	-66	-63.8
<b>Cab to End of Frame</b>	151	69.8	220.8
<b>Cab to Rear Axle</b>	105.2	69.8	175
<b>Effective Bumper to Back Of Cab</b>	135.8	-66	69.8
<b>Frame Length</b>	284.6	-63.8	220.8
<b>Front Axle to Back of Cab</b>	69.8	0	69.8
<b>Front of Frame to Axle</b>	63.8	-63.8	0
<b>Load Space</b>	151	69.8	220.8
<b>Overall Length</b>	286.8	-66	220.8
<b>Overhang</b>	45.8	175	220.8
<b>Pusher Offset #1</b>	0	175	175
<b>Pusher Offset #2</b>	0	175	175
<b>Pusher Offset #3</b>	0	175	175
<b>Tag Offset</b>	0	175	175
<b>Wheelbase</b>	175	0	175



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610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00		<p>SOURCEWELL PURCHASE:</p> <p>* JX Peterbilt</p> <p>* Lindco equipment option to chassis contract</p> <p>* Contract: #081716-PMC</p> <p>* Contract Expires: 11/15/20</p> <p>PRICE PER UNIT:</p> <p>BASE PRICE FOR ALL EQUIPMENT LISTED BELOW:</p> <p>CHASSIS REQUIREMENTS:</p> <p>* 20" front frame extensions</p> <p>* Stationary grill</p> <p>* Plow light harness to grill and switch in dash</p> <p>* Transmission dip stick located on curbside of transmission</p> <p>* Allison 3000RDS series transmission</p> <p>* Dash mounted push button shifter for transmission</p> <p>* Active ground speed hook up for spreader</p>	101,921.00	101,921.00
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Quantity	Item	Description	Unit Price	Amount
		control * 105" useable cab to axle * Minimum of 40" clean side frame from back of cab to front of rear spring shackle on driver side. * Fire extinguisher * Triangle reflector kit * Individual driver and passenger seats * Minimum of 50 gallons fuel when delivered to Lindco * Dep tank 3/4 filled when delivered to Lindco  EQUIPMENT DELIVERY NOTES:  * Allow 90-120 days for all equipment to be in stock after receiving purchase order. * Allow 90 days to complete unit, once all equipment and chassis are in stock at Lindco  EQUIPMENT WARRANTY:  * All equipment has a 12 month warranty on parts and labor. * Wausau snow plow will have a 36 month		
			Subtotal	Continued
			Sales Tax	Continued
			<b>TOTAL</b>	<b>Continued</b>

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00	SLT-316-11-CS90-York	<p>warranty, against any manufacturer defects.</p> <p>DUMP BODY:</p> <p>Heil SL Body Ashaplt style Rear Body, 11' L, 28" H sides, 36" H tailgate, 7 GA "201 2B" stainless steel sides &amp; ends, 1/4" AR400 floor, crossmemberless,</p> <p>DIMENSIONS:</p> <ul style="list-style-type: none"> <li>* 11' long at floor</li> <li>* 10' long at top</li> <li>* 84" wide I.D.</li> <li>* 96" wide O.D.</li> <li>* 60" high front wall</li> <li>* 36" high sides (7 cubic yards capacity)</li> <li>* 42" high tailgate (9 cubic yard capacity)</li> </ul> <p>CONSTRUCTION:</p> <ul style="list-style-type: none"> <li>* 7 gauge, "201 2B stainless steel" sides, front wall and tailgate</li> <li>* 1/4" AR400 floor</li> </ul> <p>TAILGATE:</p> <ul style="list-style-type: none"> <li>* Lindco air release</li> <li>* Lindco air release solenoid valve mounted in reservoir valve enclosure.</li> <li>* Three panel double acting tailgate "201 2B stainless steel"</li> </ul>		
			Subtotal	Continued
			Sales Tax	Continued
			<b>TOTAL</b>	<b>Continued</b>

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		* Lindco handles on upper tailgate pins for ease of removing and installing * Stainless steel tailgate chains, long enough for laying down gate flush with floor * All stainless steel tailgate linkage, rods, pins, upper and lower tailgate hardware * 18" x 18" center sliding coal door with driver side handle CAB SHIELD: * Lindco 1/2 enclosed cab shield, 7 gauge "201 2B stainless steel" * Fully enclosed cab shield with access panels on top * Two (2) oval cut out facing forward on each side for strobes. * One (1) oval cut out on each side for strobes * One (1) oval cut outs on each side facing rearward for strobes SIDES: * Boxed top rail "201 2B stainless steel" * One (1) horizontal side brace on each side * 7 gauge "201 2B stainless steel" sloping rubrail * No side braces REAR CORNER POST:		
Subtotal				Continued
Sales Tax				Continued
<b>TOTAL</b>				<b>Continued</b>

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		<ul style="list-style-type: none"> <li>* Sloping rear corner post (12" difference from top to bottom)</li> <li>* Full depth rear corner post w/rear apron "201 2B stainless steel"</li> <li>* Lindco rear corner posts are fully-enclosed w/removal access panel underneath on each side</li> <li>* Lindco three (3) oval cutouts in each rear corner post</li> </ul> <p>UNDERSTRUCTURE:</p> <ul style="list-style-type: none"> <li>* All 7 gauge "201 2B stainless steel" construction</li> <li>* Crossmemberless understructure</li> </ul> <p>HOIST:</p> <ul style="list-style-type: none"> <li>* CS90-4.5-3DA telescopic front mounted hoist, double-acting (power up &amp; power down)</li> <li>* 18 ton capacity</li> <li>* Dog house in body</li> <li>* Frame mounted body hoist prop</li> <li>* Hoist cradle</li> <li>* Rear hinge assembly</li> </ul> <p>LADDER AND GRAB HANDLE:</p> <ul style="list-style-type: none"> <li>* All items constructed of "201 4B shiny stainless steel"</li> <li>* Grab handle at front on driver side</li> </ul>		
Subtotal				Continued
Sales Tax				Continued
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Quantity	Item	Description	Unit Price	Amount
		* Fold up ladder at front driver side		
		REAR FENDERS AND FLAPS:		
1.00	SR2436B	Boomerang 3/8" HD 24" x 36" Guard Mud Flap - Black - with Lindco Equipment Sales, Inc. Logo & Merrillville, IN molded white into flap.		
2.00	MFW2375-SS	Lindco Mud Flap Bolting Plate-Stainless Steel (Each)		
2.00	MFBH2375A-SS	Lindco Mud Flap 90 Degree Mounting Plate-Stainless Steel (Each)		
		* Mud flaps mounted behind rear wheels		
		* Swing style brackets		
1.00	MIN1400BF	Minimizer MIN1400 Quarter Fender Kit Black with Flange Mount		
		* Mounted in front of rear wheels		
		LIGHTING & ELECTRICAL ITEMS:		
		REAR JUNCTION BOXES:		
2.00	PH-310	Phoenix 10-Pole Junction Box		
		* One mounted on each side on back side of rear hinge assembly.		
		* Right side will have all S/T/T, Back up lights and back up alarm wired into junction		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		box. * Left side will have all strobes and spreader lights wired into junction box. * All wiring installed in junction box must have eyelets installed. * Junction boxes will be di-electric greased <b>WIRING:</b> * All wiring will be one piece, no butt connectors or scotch locks. * All connections must be di-electric greased * All lighting will terminated in rear junction boxes * Wiring from junction box or coming from front to rear will run down middle of frame on stainless steel flat stock with stainless steel fasteners. * All wiring ran down front of body will be in stainless steel piping. * All wiring ran from front of body to rear, under body will be in stainless steel piping. * All wiring from junction box will terminate to switches in cab. * All circuit breakers, fuses, relays, electric valves (air tailgate) will be installed in valve enclosure. * All wiring will have protective loom		
Subtotal				Continued
Sales Tax				Continued
<b>TOTAL</b>				<b>Continued</b>

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00	510	installed. * All wire pass through holes will be grommited BACK UP ALARM: Ecco back-up alarm, 97 dB, 12 VDC. * Install on rear hinge assembly * Wired to junction box with S/T/T an back up lights * All connections to have eyelet connectors * Connections to be di-electric greased		
4.00	KTLEDW2238-24A	CAB SHIELD LIGHTING UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in front of cab shield on each side		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed on each side of cab shield		
2.00	KTLEDW2238-24A	UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in outer ovals on rear for cab shield * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * All wiring ran from cab shield through stainless steel piping to rear of vehicle.		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Quantity	Item	Description	Unit Price	Amount
2.00	KTLEDW2238-24A	* Any lighting wire not in the stainless steel will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased REAR CORNER POST LIGHTING: UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in top oval on each side		
2.00	54682	Grote LED S/T/T & B.U. Light, 6" oval		
2.00	67090	Grote Pigtail Economy 3 Wire 90 Degree S/T/T		
2.00	67011	Grote two-wire plug-in pigtail for female pin lamps		
2.00	92420	Grote Oval Rubber Grommet		
2.00	KTLEDW2238-24A	* Installed in center oval on each side UBLights 6" oval, strobe, amber, class 1 LED. Includes grommet & pigtail. * Installed in bottom oval on each side * Strobes wired to left side junction box * Strobe wiring from junction box to switch in cab * S/T/T/Back up lights wired to right side junction box. * All lighting wiring will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
Subtotal				Continued
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TOTAL				Continued

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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
2.00	MWL-19	SPREADER LIGHT: Maxxima LED clear work light * Installed on each side under body * Wired to left side junction box * Spreader light wiring from junction box to switch in cab * All lighting wiring will be in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
1.00	0552243	PLOW LIGHTS: J.W. Speaker LED Plow Lights; built-in amber turn signal and lens heater. (Pair)		
1.00	PLB12SS	Buyers stainless steel plow light brackets, extended for 2 post mount lights * Hood mounted * Wired to plow light switch in cab * All weld burns on plow light brackets must be cleaned prior to installing on hood. * All wiring installed in protective loom * Connections to be di-electric greased		
1.00	SWM 43C	BODY UP SWITCH & LIGHT: Preco Switch, water resistant, 5 amp rating, 360 degree movement, can be wired open or closed, maded of ABS plastic, adjustable mounting bracket.		
1.00	0800850	Imperial LED indicator light - red		
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Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00	175-S0-080-2	* Body up switch installed on hoist cradle, driver side * Light installed in control console * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased MASTER CIRCUIT BREAKER: Chief 80 amp high amp circuit breaker. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
1.00	140-0379	RELAY: TST 75 amp relay, 12V bracket. * Mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
1.00	101004	AIR TAILGATE VALVE: Velvac Solenoid Operated Tailgate Lock Kit w/solenoid valve, 3.5" I.D. x 6" stroke air cylinder, clevis hardware, faceplate. * Air valve mounted in valve enclosure * All connections to have eyelet connectors * All wiring installed in protective loom * Connections to be di-electric greased		
Subtotal				Continued
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TOTAL				Continued

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Quantity	Item	Description	Unit Price	Amount
1.00	DC-3200	<p>* All air line from chassis to valve to valve to cylinders at rear.</p> <p>BODY VIBRATOR:</p> <p>Cougar Dump Body Vibrator 12 volt DC, 3200 lbs of force, 85 amps, 4000 RPM, Includes mounting kit, wiring kit, switch</p> <p>* Mounted on channel support</p> <p>* Stainless steel safety chain attached</p> <p>* All wiring ran under body in stainless piping</p> <p>* All vibrators solenoids/fuses, etc. mounted in valve enclosure</p>		
1.00		<p>PINTLE HOOK:</p> <p>Lindco 5/8" Pintle hook plate</p> <p>* Back side of pintle hitch reinforced with 1" x 1" x 3/8" angle</p> <p>* Pintle hook is wrapped with 1 1/4" x 3/16" flat stock</p> <p>* 5/8" gussets installed on each side of pintle hitch to frame</p> <p>* Chassis S/T/T lights recessed into pintle hitch</p>		
2.00	B46	<p>* Trailer plug installed in pintle hitch</p> <p>Buyers 3/4" drop forged D-ring w/weld</p>		
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Quantity	Item	Description	Unit Price	Amount
1.00	054002	bracket 4-1/2" x 4-1/2" O.D. * Welded on for chains Velvac 7-Way Blade Type Socket * Installed in pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
1.00	49122	Grote SuperNova thin-line LED red bar lamps.		
1.00	60321	Grote license lamp w/stainless steel bracket. * Installed on pintle hitch * Wired to right side junction box * All wiring installed in protective loom * All connections to have eyelet connectors * Connections to be di-electric greased		
1.00		HYDRAULIC SYSTEM: CIRUS CENTRAL HYDRAULIC SYSTEM PER YORKVILLE REQUIREMENTS: POWER TAKE OFF AND PUMP:		
1.00	PTO7005	Chelsea 890 PTO/ALLSION/HS-EXT/L/15T/B2 or B4/CW/3000:113/ARR-5, power take off		
1.00	HYD40001	Sauer DanFoss S45		
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Quantity	Item	Description	Unit Price	Amount
		pump/75cc/CW/RP/15SP/B2 loaded sense pump		
		* Driver side mounted		
		* PTO wired to switch in console		
		* All wiring installed in protective loom		
		* Connections to be di-electric greased		
		RESERVOIR/VALVE ENCLOSURE AND VALVE:		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYD1000894	Cirus bolt kit for hybrid PVG32 with internal return EC		
1.00	HYD10008151	Cirus 35 gallon symmetrical enclosure/tank combo, constructed of stainless steel.		
1.00	HYDRFK-SAE20-PV32	Cirus 14.5" internal return hose kit-PV32		
1.00	HYDCM2	Cirus ASPW 3F CC hydrid inlet-PVG 32-T0-M		
1.00	HYDCe5	Cirus PVG32-T0-35GPM/DA/LS 500A/Max B relief EA for hoist up-down		
2.00	HYDCe13	Cirus PVG32-T0-20GPM/DA/no relief EA for plow up-down & right-left		
1.00	HYDCo2T	Cirus internal tank return end cover-PVG 32 (T0 & Non-T0)		
1.00	HYDCM2e5e13x202T	Cirus CC Sauer Danfoss (PVG) hydraulic assembly		
1.00	HYD10019EXT18-M12	Cirus Temp/Level Sensor-3/4" Mtg-35g		

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

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Quantity	Item	Description	Unit Price	Amount
1.00	HBV200	VTC-18" w/M12 connection		
45.00	Hydraulic Oil	Buyers 2" Ball Valve - Full Flow		
		Hydraulic Oil		
		CONTROL CONSOLE:		
1.00	UG 620M2	Cirus Master Assy Plow Control, Hoist		
		up-down, Plow up-down & right-left, flip arm		
		seat mount		
1.00	000907	Cirus seat mount "L" bracket		
1.00	000961.58-Assy	Cirus slimline 6 enclosed assy w/angled		
		cover + HDMI		
		* Controls will be mounted after		
		Lindco/Customer pre-build meeting at		
		Lindco.		
		SPREADER CONTROL:		
1.00	N0SSRXM7K00FAT	Cirus SpreadSmart Rx M 7" color KP-FA		
		spreader control		
		* Auger w/sensor cable		
		* Spinner		
		* Pre-Wet (central) w/sensor cable		
1.00	000950.8-Assy	Cirus 7" RAM display mount assembly-7.3		
		height for spreader control		
		ROAD WATCH:		
1.00	RWSO1001M	Cirus RaodWatch for SSRx mini		
		* Sensor mounted on driver side		
		CONSOLE SWITCHES:		
1.00	N0N12HHS0SFAB	Cirus 12 switch hammerhead S for FA		
Subtotal				Continued
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Quantity	Item	Description	Unit Price	Amount
1.00	WIRE PKG	accessory control		
1.00	SW/IND PKG	Cirus wiring package for switches & indicators		
1.00	TS-2031	CABLES: Cirus 8 Port IP 68 Hyd OutPut Cable--6 Meter (19.7 ft)		
6.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-2018	Cirus 4 port hydraulic valve junction box		
3.00	TS-2020	Cirus hydraulic cable M12 to Deutsch 29"		
1.00	TS-8000	Cirus Main Truck Sensor Cable-9 pin--10 meter (32.8ft)		
1.00	TS-8001	Cirus 4-Port Senor Jnc Bx-9 pin-2.8 meter 9 ft.		
1.00	TS-2005	Cirus 57" sensor cable M12 to M12w LED-auger PRE-WET:		
1.00	PPM-HC	Cirus Pre-wet pump Mod-Hyd Closed loop		
1.00	LISC SG06080015	Certified Power 240 gallon behind the cab prewetting system. Includes (2) 120 gallon tanks, stainless mounting frame, hold down straps and mounting hardware.		
1.00	00002 332 39	Swenson V-box flush kit		
1.00	00002 332 09	Swenson 1-1/2" female quick fill kit * Tanks with body HYDRAULIC EXTENDED WARRANTY:		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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: 190350B

Quote Date: Apr 19, 2019

Page: 17

## Quoted To:

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00	EXTEND WARRANTY	Cirus Extended Warranty Package - 2 years - Starts on ship date		
2.00	8-049 304W/FJX-108"	STAINLESS STEEL HYDRAULIC TUBES FOR DUMP HOIST: Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted to the underneath of the body for hoist power down. * One (1) line mounted down frame for hoist power down.		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
2.00	8-049 304W/FJX-108"	STAINLESS STEEL HYDRAULIC TUBES FOR SALT SPREADER: Mid-State 1/2"x9' 304 S/S Line with fittings * One (1) line mounted down frame for spinner pressure * One (1) line mounted down frame for auger pressure		
6.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
1.00	12-065 304W/FJX-108"	Mid-State 3/4"x9' 304 S/S Line with fittings * One (1) line mounted down frame for return for spinner and auger		
3.00	A3-19-A	PCI HD Series Clamps for 3/4" tubing		
4.00	8-049 304W/FJX-72"	STAINLESS STEEL HYDRAULIC TUBES FOR SNOW PLOW: Mid-State 1/2"x6' 304 S/S Line with fittings * One (1) line mounted under cab on driver		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Page: 18

## Quoted To:

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		side for plow angle right		
		* One (1) line mounted under cab on driver		
		side for plow angle left		
		* One (1) line mounted under cab on driver		
		side for plow up		
		* One (1) line mounted under cab on driver		
		side for plow down		
12.00	A2-12.7-A	PCI HD Series Clamps for 1/2" tubing		
		HOSES/ADAPTORS/FITTINGS:		
1.00		Hoses, fittings and adaptors		
		* No hose length is to exceed 6' in length		
		* Hose protection at all wear points		
		SNOW PLOW HYDRAULIC COUPLER:		
1.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2		
		ports, 1/2".		
1.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports,		
		1/2".		
4.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male		
		JIC 3/4"-16		
4.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF		
		male JIC 37		
		* Female coupler mounted to underside of		
		front bumper on driver side		
		* Male coupler mounted to plow hoses		
		* Coupler docking station mounted on plow		
		SPREADER HYDRAULIC COUPLERS:		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Quote Date: Apr 19, 2019  
Page: 19

## Quoted To:

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Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
2.00	10-932-2001	CEJN Multi-X Duo 12.5 female plate, 2 ports, 1/2".		
2.00	10-932-2051	CEJN Multi-X Duo 12.5 Male plate, 2 ports, 1/2".		
4.00	14-727-0812	CEJN Multi-X adapter 1/2" WEO to male JIC 3/4"-16		
4.00	14-727-1212	CEJN WEO Nipple DN 20 + 3/4" -16 UNF male JIC 37 * One (1) coupler mounted under body on passenger side for auger pressure & return * One (1) coupler mounted under body on driver side for spinner pressure & return * Couplers installed on spreader spinner and auger short hoses		
		SNOW PLOW:		
1.00	HSP4211-H-PIN-YV	Wausau HomeSafe Trip Edge Snowplow, blue polymer moldboard, PR w/cushion valve, Pin Hitch, double 5.8" cutting edges. * 11' wide * 42" high * Blue polymer moldboard * Mailbox cut out on curbside * Winter Equipment curb guard on curbside * Double 5/8" thick top punch cutting edges		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Quote Date: Apr 19, 2019

Page: 20

## Quoted To:

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Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		* Plow jack stand		
		* Telescopic angle cylinders, out board mounted		
		* Double acting lift cylinder with down pressure		
		* Plow angle cylinder cushion valve		
		* Plow lift cylinder down pressure relief valve		
		* Pin style swivel plate		
		* Trip edge design with square style trip springs		
		* Deflector hardware		
1.00	3512144	"Lindco" Snow Deflector 12"		
1.00	1308110	S.A.M. 36" blade guides		
		SNOW PLOW TRUCK HITCH:		
1.00	1317220	Lindco Pin Style Plow Hitch, Lo-Profile, left arm, 3" x 10" DA lift cylinder		
2.00	W4P03596	Schmidt "Z" bracket-connect frame to plow 3.25" x 5.5" x 1/2" thick (Each)		
1.00		Lindco custom Peterbilt side plates		
		* Lindco will reuse Peterbilt factory bumper		
		SALT SPREADER:		
1.00	92420SSA	Lindco 96" direct drive 304 stainless steel		

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

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Quote Number: 190350B  
Quote Date: Apr 19, 2019  
Page: 21

## Quoted To:

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
1.00		tailgate spreader with polymer spinner and mounting plates.		
1.00		* 304 2B stainless steel		
1.00		* 6" auger		
1.00		* Direct drive auger motor		
1.00		* Standard side height		
1.00		* Stainless steel quick detach mounting hardware		
1.00		Short Hose Kit		
1.00		Stainless steel pre-wet spray bar installed in auger trough		
1.00		** Yorkville designs spreader stainless steel side spill shields		
1.00	A4693	CAMERA SYSTEM:		
1.00	MSF5001 Camera	Brigade color camera kit complete with VBV-770D-000N 7" LCD color monitor, VBV-701C color camera and 66' cable		
1.00	MSF8470037000	Camera system box w/ram adjustable bracket, stainless steel.		
1.00	MSF5010	Camera Wash (1) nozzle		
1.00	MSF5010	Camera Wash 30' tubing kit complete with air and washer		
2.00	MSF8470038000A	Camera Wash nozzle kit		
		* Camera mounting will be determine during		
Subtotal				Continued
Sales Tax				Continued
TOTAL				Continued

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Quote Number: 190350B  
Quote Date: Apr 19, 2019  
Page: 22

## Quoted To:

City of Yorkville  
610 Tower Lane  
Yorkville, IL 60560  
USA

Customer ID	Good Thru	Payment Terms	Sales Rep
Yorkville-01	6/28/19	Net 30 Days	12318

Quantity	Item	Description	Unit Price	Amount
		customer pre-built meeting * Monitor mounting will be determine during customer pre-built meeting		
		PAINT & UNDERCOATING:		
1.00	PAINT PINTLE HITCH	Paint Pintle Hitch		
1.00	PAINT HOIST & SUBFRA	Prime Where needed and Paint Hoist & Subframe to black		
1.00	PAINT PLOW HITCH	Paint Plow Hitch, Including lift arm, side plates, bumper and lift cylinder black		
1.00	PAINT-MISCEL	Paint Miscel		
1.00	Under Coat	Under coat dump body		
		MISC., FREIGHT & LABOR:		
2,395.64	Misc.	Miscellaneous Material - includes any or all of the following: wiring, electrical connectors, tie downs, clamps, nut, bolts, washers, steel, oil, grease, etc.		
2,700.00	FREIGHT	FREIGHT		
240.00	INSTALLATION	Lindco Installation Labor Hours		
			Subtotal	101,921.00
			Sales Tax	
			<b>TOTAL</b>	<b>101,921.00</b>

25% Restock Fee on All Cancelled and Returned Orders



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

Agenda Item Number

Old Business #4

Tracking Number

PW 2019-41

### Agenda Item Summary Memo

**Title:** Chemical Feed Systems – NSF Information

**Meeting and Date:** Public Works Committee – July 16, 2019

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

#### Council Action Previously Taken:

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

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

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

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

**Submitted by:** Bart Olson Administration  
Name Department

#### Agenda Item Notes:

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## Bart Olson

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**From:** Bart Olson  
**Sent:** Tuesday, June 25, 2019 1:03 PM  
**To:** Bart Olson  
**Cc:** John Purcell; Kathleen Field Orr (kfo@kfoassoc.com); Erin Willrett; Eric Dhuse  
**Subject:** FW: Ora-Cle  
**Attachments:** WSU NSF.pdf

Hello all (elected officials blindcopied),

Attached is some supplemental information about the Ora-cle chemical agenda item on tonight's City Council meeting.

Thanks,

Bart Olson, ICMA-CM  
City Administrator  
United City of Yorkville  
630-553-8537 direct  
630-553-4350 City Hall  
630-308-0582 cell  
[bolson@yorkville.il.us](mailto:bolson@yorkville.il.us)  
City of Yorkville 2.0: [Facebook](#), [Twitter](#), and [YouTube](#)

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**From:** Eric Dhuse  
**Sent:** Friday, June 21, 2019 9:49 AM  
**To:** Bart Olson <[BOlson@yorkville.il.us](mailto:BOlson@yorkville.il.us)>  
**Subject:** FW: Ora-Cle

Here is the information from EEI regarding the Ore-Cle chemical feed that was proposed.

---

**From:** Stephen Dennison <[SDennison@eeiweb.com](mailto:SDennison@eeiweb.com)>  
**Sent:** Thursday, June 20, 2019 8:16 AM  
**To:** Eric Dhuse <[edhuse@yorkville.il.us](mailto:edhuse@yorkville.il.us)>  
**Cc:** Brad Sanderson <[bsanderson@eeiweb.com](mailto:bsanderson@eeiweb.com)>  
**Subject:** Ora-Cle

Eric,

Questions came up during the Public Works Committee Meeting regarding the potential health impacts to the public due to feeding the Ora-Cle product at the Water Treatment Plants. I've attached the NSF certification for the product – it's highlighted on the second page. Note that the maximum usage for the certification is 7,500 mg/L. I've never seen this product dosed any greater than 10 mg/L, and I would expect the same for Yorkville.

I'm following up on whether any other testing has been done on health impacts and I'll let you know if I receive any additional feedback. In the meantime, I hope this will suffice to keep the project moving forward.

Regarding scheduling, please keep in mind that it could take 45-90 days to receive the IEPA construction permit. In order to have approval in time for your Fall flushing, and to allow a period of time for dosing the

chemical prior to the flushing, it would be ideal to get approval at this next Council meeting. Thankfully, it won't take us very long to put together the permit application package upon approval.

Thank you,

-Steve

**Stephen Dennison, P.E.**

*Senior Project Manager*

**Engineering Enterprises, Inc.**

52 Wheeler Road

Sugar Grove, IL 60554

T: (630) 466-6762 C: (630) 849-6204

[www.eeiweb.com](http://www.eeiweb.com)

[sdennison@eeiweb.com](mailto:sdennison@eeiweb.com)



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## OFFICIAL LISTING

NSF International Certifies that the products appearing on this Listing conform to the requirements of  
NSF/ANSI Standard 60 - Drinking Water Treatment Chemicals - Health Effects

This is the Official Listing recorded on March 23, 2012.

**Water Solutions Unlimited**  
**295 Industrial Drive**  
**P.O. Box 347**  
**Franklin, IN 46131**  
**800-359-3570**  
**317-736-6868**

**Facility: Franklin, IN**

Chemical/ Trade Designation	Function	Max Use	
Ammonium Sulfate			
WSU Ammonia	Disinfection & Oxidation	10	mg/L
WSU Ammonium Sulfate-Dry	Disinfection & Oxidation	25	mg/L
Blended Phosphates			
WSU 110	Corrosion & Scale Control Sequestering	32	mg/L
WSU 118	Corrosion & Scale Control Sequestering	29	mg/L
WSU 120	Corrosion & Scale Control Sequestering	32	mg/L
WSU 135	Corrosion & Scale Control Sequestering	29	mg/L
WSU 137	Corrosion & Scale Control Sequestering	29	mg/L
WSU 140	Corrosion & Scale Control Sequestering	30	mg/L
WSU 150	Corrosion & Scale Control Sequestering	30	mg/L
WSU 158	Corrosion & Scale Control Sequestering	29	mg/L
WSU 175	Corrosion & Scale Control Sequestering	30	mg/L
WSU 178	Corrosion & Scale Control Sequestering	29	mg/L
WSU 189	Corrosion & Scale Control Sequestering	31	mg/L
WSU 310	Corrosion & Scale Control Sequestering	12	mg/L
WSU 318	Corrosion & Scale Control Sequestering	12	mg/L
WSU 319	Corrosion & Scale Control Sequestering	12	mg/L

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.



WSU 320	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 340	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 350	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 358	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 375	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 378	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU 389	Corrosion & Scale Control	12	mg/L
	Sequestering		
WSU HYPO-CLEAN	Corrosion & Scale Control	29	mg/L
	Sequestering		

**Miscellaneous Treatment Chemical** <sup>[CL]</sup>

WSU ORA-CLE	Scale Control	7500	mg/L
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[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

**Facility: Greenwood, IN**

Chemical/ Trade Designation	Function	Max Use
<b>Hydrogen Peroxide</b> <sup>[HP]</sup>		
WSU CA 500 <sup>[1]</sup> [2] [3] [4]	Other	NA
<b>Miscellaneous Water Supply Products</b>		
WSU MC 444 <sup>[1]</sup> [2] [3] [5]	Other	NA
WSU MC 477 <sup>[1]</sup> [2] [3] [5]	Other	NA
<b>Phosphoric Acid</b>		
WSU FW 833 <sup>[1]</sup> [2] [6]	Other	NA
WSU TC 622 <sup>[1]</sup> [2] [7]	Other	NA
<b>Sodium Bicarbonate</b>		
WSU NE 444 <sup>[1]</sup> [2] [8]	Other	NA
<b>Sodium Hydroxide</b>		
WSU NE 222 <sup>[1]</sup> [2] [8]	Other	NA

[1] This product is designed to be used off-line and flushed out prior to using the system for drinking water, following manufacturer's use instructions.

[2] The pH of the influent and effluent water should be monitored to ensure that all traces of the product have been removed before placing into service.

[3] This product functions as a in situ filter media cleaner.

[4] This product is to be used in conjunction with WSU MC 444 or MC447.

[5] This product is to be used in conjunction with WSU CA-500 Catalyst.

[6] For WSU FW 833: This product functions as a cleaner for interior filter walls.

[7] For WSU TC 622: This product functions as a cleaner for interior water tower and ground storage tank walls.

[8] This product functions as a neutralizer for off-line filter cleaners.

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.



[HP] Use of this product shall be followed by chlorination to remove levels of hydrogen peroxide. Chlorine residuals shall not exceed 4 mg/L, the EPA's proposed maximum residual level.

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.

3 of 3