



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, November 19, 2019

6:00 p.m.

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

Citizen Comments:

Minutes for Correction/Approval: October 15, 2019

New Business:

1. PW 2019-71 Snow Operations Report
2. PW 2019-72 East Orange Street Water Main Improvements – Change Order No. 1
3. PW 2019-73 Purchase of New Truck
4. PW 2019-74 Raintree Village Subdivision Units 4, 5, and 6 – Stop Sign Analysis

Old Business:

Additional Business:

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

UNITED CITY OF YORKVILLE
WORKSHEET
PUBLIC WORKS COMMITTEE
Tuesday, November 19, 2019
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. October 15, 2019

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

NEW BUSINESS:

1. PW 2019-71 Snow Operations Report

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

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

3. PW 2019-73 Purchase of New Truck

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

ADDITIONAL BUSINESS:



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

Agenda Item Number

Minutes

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – October 15, 2019

Meeting and Date: Public Works Committee – November 19, 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, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at <http://www.yorkville.il.us/320/City-Council>

DRAFT

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, October 15, 2019, 6:00pm
Yorkville City Hall, Conference Room
800 Game Farm Road**

IN ATTENDANCE:

Committee Members

Vice-Chairman Ken Koch
Alderman Chris Funkhouser

Alderman Seaver Tarulis

Absent: Alderman Joe Plocher

Other City Officials

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

Other Guests: None

The meeting was called to order at 6:02pm by Vice-Chairman Ken Koch.

Citizen Comments: None

Minutes for Correction/Approval: August 20, 2019

- 1. Minutes of the Special Public Works Committee Meeting – August 20, 2019***
- 2. Minutes of the Regular Public Works Committee Meeting – August 20, 2019***

Both sets of minutes were approved as presented.

New Business:

- 1. PW 2019-61 Water Department Reports for July, August and September 2019***

Mr. Dhuse said the reports were routine and some new customers were added each month.

- 2. PW 2019-62 Capital Improvement Summary***

This summary is a quarterly update and there was no discussion.

- 3. PW 2019-63 Quarterly Bond and Letter of Credit Reduction Summary***

Mr. Sanderson said this another quarterly summary and there was no further discussion.

- 4. PW 2019-64 Meeting Schedule for 2020***

The committee was OK with the schedule as presented.

5. PW 2019-65 Anthony Place – Release of Remaining Performance Security

Mr. Sanderson said the City Council accepted the public improvements in 2018 and a 1-year inspection was done. The items added have been completed and he recommended full release.

6. PW 2019-66 Grande Reserve Unit 1 – Acceptance of Public Improvements

The developer has completed all punchlist items and Mr. Sanderson recommended the acceptance of all improvements. The developer will need to put up a 1-year maintenance bond. The committee was OK with acceptance.

7. PW 2019-67 Whispering Meadows Completion of Improvements – Change Order No. 2

This is the balancing order and all outstanding items have been completed. The project came in below the change order #1 value and the final amount was decreased by \$97,000. The committee approved by voice vote and this moves to the City Council.

8. PW 2019-68 Church Street Sanitary Improvements – Change Order No. 1

Some repairs were made on Church St. and the contractor completed all items. This is the balancing change order and decreased the contract by \$7,200. This money returns to the sewer fund.

9. PW 2019- 69 Road to Better Roads Program – Engineering Agreement

This agreement is for design and engineering for McHugh and White Oak in 2020. The design portion estimate is \$31,000 and the construction estimate is \$52,000, said Mr. Olson. The committee approved this on a voice vote and it requires a super majority vote at City Council.

10. PW 2019-70 Briarwood Subdivision Stop Sign Analysis

The HOA approached Aldermen Koch and Transier with this request. Mr. Sanderson said an analysis of Cornerstone and Greenbriar was completed and a recommendation was made for a stop sign. The committee approved on a voice vote and it moves to City Council.

Old Business: None

Additional Business: None

There was no further business and the meeting was adjourned at 6:11pm.

Minutes respectfully transcribed by
Marlys Young, Minute Taker



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

Agenda Item Number

New Business #1

Tracking Number

PW 2019-71

Agenda Item Summary Memo

Title: Snow Operations Report

Meeting and Date: Public Works Committee – November 19, 2019

Synopsis: Report on snow events of October and early November – Informational Item Only

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: None

Council Action Requested: Informational only

Submitted by: Eric Dhuse Public Works
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, Administrator
Date: November 12, 2019
Subject: Snow operations report

Summary

A brief synopsis of time spent, salt used, and the condition of our snow removal fleet.

Background

A rare snow event in late October has ushered in unseasonably cold weather with no definitive end in sight. We have already had 3 salting/plowing events this year when the average temperatures are supposed to be in the 50's. If this early weather is any indication of the months to come, I am very happy with the decision to order 2000 tons of salt. Below is a brief overview of our key elements for our snow operations.

1. We have had 3 snow events this year already. They were as follows
 - A. October 30, 2019. This was a plowing event only. The pavement temps were up high enough that we did not need to throw salt. We had 5 large dump trucks, 2 small dump trucks, and 9 pickup trucks to clear the streets.
 - B. October 31, 2019. All employees reported at 6:00 am to start operations. We used 5 large dump trucks, 2 small dump trucks with salt spreaders, and 8 pickup trucks to plow and salt the streets.
 - C. November 11, 2019. We had a full crew of 15 report for work at 5:00 am to start operations. We used 6 large dump trucks, 2 small dump trucks with spreaders, and 7 pickup trucks to clear the streets. Operations were completed at 3:15pm.
2. Salt use – We estimate that we have used 60 tons of salt to this point in the season. Due to the early arrival of the first storm, we have not had a chance to calibrate our spreaders to be able to get accurate readings from the units. We hope to be able to complete this process soon.
3. Equipment status – At this time, we have one large dump truck in the shop for repairs and one large dump truck set up for leaf removal. We have taken many of our large dump trucks to the local repair shop to have them go through the trucks and get them ready for winter. During this process, they discovered many problems that would have gone undetected until it broke down on the road. Some of the problems discovered were a cracked turbo, cracked bell housing, and bad brakes. This is in addition to the normal wear and tear items that were repaired.

We are in the process of getting new boxes for 2 of the dump trucks, but do not expect them before the end of snow season. These boxes will have to be built for our trucks, which takes a tremendous amount of time. We are hoping to have them in place for next snow season along with the new truck that was ordered this past fall.

Recommendation

I would ask that this be placed on the November 19, 2019 Public Works Committee meeting for discussion.



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 2019-72

Agenda Item Summary Memo

Title: East Orange Street Water Main Improvements

Meeting and Date: Public Works Committee – November 19, 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:

Have a question or comment about this agenda item?

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Memorandum

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

Date: November 1, 2019
Subject: East Orange Street Water Main Improvements

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 **\$491,210.00** for the above referenced project.

On August 13, 2019, the City Council approved the expansion of this project to include the full width removal and replacement of the pavement west of Mill Street in a cost not to exceed \$65,000. An official change order was not done at that time.

Questions Presented:

Should the City approve Change Order No. 1 (Balancing) which would **increase** the contract amount by \$55,020.42.

Discussion:

Changes are per as-built quantities measured in the field. The final cost increase is less what the City Council approved in August. 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 \$55,020.42

CHANGE ORDER

Order No. 1 (BALANCING)

Date: October 17, 2019

Agreement Date: June 7, 2019

NAME OF PROJECT: East Orange Street Water Main Improvements

OWNER: United City of Yorkville

CONTRACTOR: Performance Construction & Engineering, LLC

The following changes are hereby made to the CONTRACT DOCUMENTS:

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$491,210.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$491,210.00

The CONTRACT PRICE due to this CHANGE ORDER will be (increased) (~~decreased~~) by: \$55,020.42

The new CONTRACT PRICE including this CHANGE ORDER will be: \$546,230.42

Change to CONTRACT TIME:

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

The date for completion of all work will be October 15, 2019

Justification

1-46) Changes per as-built quantities measured in the field

Approvals Required

Requested by: United City of Yorkville

Recommended by: Engineering Enterprises, Inc.

Accepted by: Performance Construction & Engineering, LLC

CHANGE ORDER NO. 1 (BALANCING)
EAST ORANGE STREET WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	TREE REMOVAL, 6-15 UNIT DIAMETER	UNIT	6	\$ 50.00	-	-	-	-
2	TREE ROOT PRUNING	EACH	12	\$ 110.00	-	-	4.0	\$ 440.00
3	CONNECTION TO EXISTING WATER MAIN, 8-INCH	EACH	3	\$ 4,500.00	-	-	-	-
4	PRESSURE CONNECTION WITH TAPPING SLEEVE, AND 8" TAPPING VALVE IN 60" VAULT	EACH	1	\$ 8,500.00	-	-	-	-
5	WATER MAIN, CLASS 52, WITH POLYETHYLENE WRAP, 8-INCH	LF	1,610	\$ 90.00	10.0	\$ 900.00	-	-
6	GATE VALVE (RESILIENT SEAT) IN VALVE BOX, 8-INCH	EACH	5	\$ 2,500.00	1.0	\$ 2,500.00	-	-
7	LINE STOP, 8-INCH	EACH	2	\$ 5,800.00	-	-	-	-
8	FIRE HYDRANT ASSEMBLY, WITH AUXILIARY VALVE, 6-INCH MJ	EACH	6	\$ 4,800.00	-	-	-	-
9	FIRE HYDRANT ASSEMBLY, 6-INCH MJ	EACH	1	\$ 3,800.00	-	-	-	-
10	DUCTILE IRON FITTINGS	LB	1,560	\$ 1.00	-	-	238.0	\$ 238.00
11	WATER MAIN PROTECTION, PVC C-900, 12-INCH	LF	260	\$ 35.00	-	-	185.0	\$ 6,475.00
12	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 1	TON	50	\$ 30.00	-	-	50.0	\$ 1,500.00
13	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL - TYPE 2	TON	50	\$ 10.00	-	-	50.0	\$ 500.00
14	FOUNDATION MATERIAL	CY	50	\$ 35.00	-	-	45.6	\$ 1,596.00
15	EXPLORATORY EXCAVATION	EACH	2	\$ 250.00	-	-	2.0	\$ 500.00
16	WATER SERVICE CONNECTION, 1-INCH	EACH	25	\$ 1,500.00	-	-	1.0	\$ 1,500.00
17	WATER SERVICE CONNECTION, 1.5-INCH	EACH	1	\$ 1,750.00	-	-	-	-
18	WATER SERVICE PIPE, 1-INCH TYPE K COPPER	LF	767	\$ 35.00	53.0	\$ 1,855.00	-	-
19	WATER SERVICE PIPE, 1.5-INCH TYPE K COPPER	LF	40	\$ 60.00	-	-	4.0	\$ 240.00
20	SANITARY SEWER SERVICE REPAIR, PVC SDR-26, D-2241, 6-INCH	EACH	5	\$ 500.00	-	-	2.0	\$ 1,000.00
21	ABANDON SANITARY SERVICE	EACH	1	\$ 200.00	-	-	-	-
22	SANITARY MANHOLE TO BE ADJUSTED	EACH	1	\$ 750.00	-	-	-	-
23	DISCONNECT AND ABANDON EXISTING WATER MAIN	EACH	3	\$ 2,500.00	-	-	-	-
24	WATER MAIN TESTING - PRESSURE AND DISINFECTION	LS	1	\$ 3,000.00	-	-	-	-
25	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	LF	243	\$ 30.00	529.0	\$ 15,870.00	-	-
26	SIDEWALK REMOVAL AND REPLACEMENT	SF	155	\$ 12.00	-	-	37.0	\$ 444.00
27	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SY	61	\$ 70.00	-	-	30.0	\$ 2,100.00
28	PCC PAVEMENT REMOVAL AND REPLACEMENT	SY	10	\$ 250.00	-	-	9.0	\$ 2,250.00
29	VALVE VAULT TO BE ABANDONED	EACH	1	\$ 500.00	-	-	-	-
30	VALVE BOX TO BE ABANDONED	EACH	4	\$ 200.00	-	-	-	-

CHANGE ORDER NO. 1 (BALANCING)
EAST ORANGE STREET WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
31	FIRE HYDRANT REMOVAL	EACH	4	\$ 500.00	-	-	-	-
32	MAILBOX TO BE REMOVED AND REPLACED	EACH	4	\$ 250.00	-	-	-	-
33	SIGN TO BE REMOVED AND RESET	EACH	1	\$ 150.00	-	-	-	-
34	REPLACEMENT TREE, 2.5" CALIPER (MIN.), BALLED AND BURLAPPED	EACH	1	\$ 850.00	-	-	-	-
35	RESTORATION	SY	700	\$ 10.00	220.0	\$ 2,200.00	-	-
36	TRAFFIC CONTROL AND PROTECTION	LS	1	\$ 24,105.00	-	-	-	-
37	ALLOWANCE - ITEMS ORDERED BY THE ENGINEER	UNIT	15,000	\$ 1.00	7,159.4	\$ 7,159.42	-	-
38	HOT-MIX ASPHALT PAVEMENT REMOVAL, FULL DEPTH	SY	1,300	\$ 7.50	-	-	-	-
39	HOT-MIX ASPHALT PAVEMENT REMOVAL, 4-INCH	SY	3,360	\$ 5.00	2,058.9	\$ 10,294.50	-	-
40	HOT-MIX ASPHALT PAVEMENT PATCH, 4-INCH	SY	50	\$ 50.00	42.7	\$ 2,135.00	-	-
41	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 2.5-INCH	TON	500	\$ 80.00	249.5	\$ 19,960.00	-	-
42	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5-INCH	TON	300	\$ 85.00	174.2	\$ 14,807.00	-	-
43	BITUMINOUS MATERIALS (TACK COAT)	LB	2,310	\$ 1.00	-	-	2,310.0	\$ 2,310.00
44	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	45	\$ 20.00	-	-	45.0	\$ 900.00
45	ROADWAY EDGE CRACK SEALING	LF	1040	\$ 2.50	113.0	\$ 282.50	-	-
46	SANITARY MANHOLE TO BE ADJUSTED WITH NEW FRAME AND LID - TYPE 1	EA	1	\$ 950.00	-	-	1.0	\$ 950.00

TOTAL ADDITIONS = \$ 77,963.42

TOTAL DEDUCTIONS = \$ (22,943.00)

ORIGINAL CONTRACT PRICE: \$ 491,210.00
CURRENT CONTRACT PRICE ADJUSTED BY PREVIOUS CHANGE ORDER(S): \$ 491,210.00
*AMOUNT OF CURRENT CHANGE ORDER: \$ 55,020.42
NEW CONTRACT PRICE: \$ 546,230.42



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

Agenda Item Number

New Business #3

Tracking Number

PW 2019-73

Agenda Item Summary Memo

Title: Truck Purchase

Meeting and Date: Public Works Committee – November 19, 2019

Synopsis: Purchase of a budgeted truck with snow plow, tool boxes, lift gate, and tools.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Positive

Council Action Requested: Approval

Submitted by: Eric Dhuse Public Works
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
Carri Parker, Purchasing Manager
CC: Bart Olson, Administrator
Date: November 13, 2019
Subject: Utility Truck Purchase

Summary

Discussion of the utility truck purchase through the purchasing cooperative, Sourcewell.

Background

In an ongoing effort to modernize our fleet, staff is recommending the purchase of a new 1-ton pickup truck with a snowplow, toolboxes, and lift gate. This truck would be utilized by the sewer department as well as other departments as needed.

This truck would be an addition to the fleet to assist with snow removal operations and be able to pull a large trailer loaded with equipment or supplies such as a manhole or pipe when needed. The lift gate will be utilized to lift manhole frames, grates, concrete adjusting rings, lift station pumps, plate compactors, or any other heavy objects that require more than one employee that need to get into the bed of the truck.

In addition to the accessories mentioned above, staff would also like to outfit this truck with the needed tools and safety equipment that will be needed. This would include, but not limited to: shovels, pry bars, manhole hooks, lifting straps, binding straps, sockets, wrenches, screwdrivers, hammers, levels, tape measures, generator, saw, cordless drill and impact driver, fire extinguisher, first aid kit, seat cover, tape, extension cords, flashlight, etc.

The purchase of this truck is listed in the approved FY20 budget as follows:

Sewer Operations Expenses 52-520-60-00-6070 (Vehicles)	\$50,000.00
PW Capital Expenses 25-215-60-00-6060 (Equipment) for snowplow	\$ 7,000.00
Total Budgeted	\$57,000.00

Total Estimated Purchase Cost

Truck – National Auto Fleet Group	\$32,521.40
Plow – Estimate	\$ 7,000.00

Accessories:

Toolboxes	\$ 2,183.90
Lift Gate	\$ 2,010.00
Lettering	\$ 500.00
<u>Tools</u>	<u>\$ 4,000.00</u>
Total Estimated Cost	\$48,215.30

Estimate Difference	\$ 8,784.70
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Recommendation

Staff requests the Committee recommend to the City Council to authorize staff to purchase through the Sourcewell purchasing cooperative a 2020 Ford Super Duty F-350 from the National Auto Fleet Group in the amount of \$32,521.40, an 9 foot Boss snowplow from in the approximate amount of \$7,000, and any other accessories needed for the daily operations of this vehicle for a total vehicle amount not to exceed \$50,000.

Attachments

- Exhibit A – National Auto Fleet Group Quote



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

10/29/2019

10/29/2019 Re-Configured

Quote ID: 11897 R1

Order Cut Off Date: TBA

Ms Carri Parker
United City of Yorkville

800 Game Farm Road

Yorkville, Illinois, 60560

Dear Carri Parker,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.

One (1) New/Unused (2020 Ford Super Duty F-350 SRW (F3B) XL 4WD Reg Cab 8' Box 142" WB, Factory Order)
and delivered to your specified location, each for

One Unit

Contract Price	\$32,521.40
Factory Order	\$0.00
Tax (0.0000 %)	\$0.00
Tire fee	\$0.00
Total	\$32,521.40

- per the attached specifications.

This vehicle(s) is available under the **Sourcewell (Formerly Known as NJPA) Contract 120716-NAF**. Please reference this Contract number on all purchase orders to National Auto Fleet Group. Payment terms are Net 20 days after receipt of vehicle.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,

Jesse Cooper
Account Manager
Email: Fleet@NationalAutoFleetGroup.com
Office: (855) 289-6572
Fax: (831) 480-8497

Quoting Department
Account Manager
Fleet@NationalAutoFleetGroup.com
(855) 289-6572



GMC

In order to Finalize your Quote, please submit this purchase packet to your governing body for Purchase Order Approval. Once you issue a Purchase Order please send by:

Fax: (831) 480-8497

**Mail: National Auto Fleet Group
490 Auto Center Drive
Watsonville, CA 95076**

Email: Fleet@nationalautofleetgroup.com

We will then send a W-9 if you need one

**Please contact our main office with any questions:
1-855-289-6572**

Vehicle Configuration Options

ENGINE	
Code	Description
996	ENGINE: 6.2L 2-VALVE SOHC EFI NA V8 FLEX-FUEL, -inc: Flex-Fuel badge on fleet orders only (STD)
TRANSMISSION	
Code	Description
44G	TRANSMISSION: TORQSHIFT 10-SPEED AUTOMATIC, -inc: SelectShift and selectable drive modes: normal, tow/haul, eco and deep sand/snow (STD)
WHEELS	
Code	Description
64A	WHEELS: 17" ARGENT PAINTED STEEL, -inc: painted hub covers/center ornaments (STD)
TIRES	
Code	Description
TD8	TIRES: LT245/75RX17E BSW A/S (4), (STD)
PRIMARY PAINT	
Code	Description
Z1	OXFORD WHITE
PAINT SCHEME	
Code	Description
—	STANDARD PAINT
SEAT TYPE	
Code	Description
AS	MEDIUM EARTH GRAY, HD VINYL 40/20/40 SPLIT BENCH SEAT, -inc: center armrest, cupholder, storage and driver's side manual lumbar
AXLE RATIO	
Code	Description
X37	3.73 AXLE RATIO, (STD)
ADDITIONAL EQUIPMENT	
Code	Description
473	SNOW PLOW PREP PACKAGE, -inc: computer selected springs for snowplow application, NOTE 1: Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/snowplow

91S	AMBER LED WARNING STROBES (PRE-INSTALLED), -inc: center high-mounted stop light bar and 2 hood mounted lights
43C	110V/400W OUTLET, -inc: 1 in-dash mounted outlet
OPTION PACKAGE	
Code	Description
610A	ORDER CODE 610A

2020 Fleet/Non-Retail Ford Super Duty F-350 SRW XL 4WD Reg Cab 8' Box 142" WB

WINDOW STICKER

2020 Ford Super Duty F-350 SRW XL 4WD Reg Cab 8' Box 142" WB		
CODE	MODEL	MSRP
F3B	2020 Ford Super Duty F-350 SRW XL 4WD Reg Cab 8' Box 142" WB	\$38,020.00
	OPTIONS	
996	ENGINE: 6.2L 2-VALVE SOHC EFI NA V8 FLEX-FUEL, -inc: Flex-Fuel badge on fleet orders only (STD)	\$0.00
44G	TRANSMISSION: TORQSHIFT 10-SPEED AUTOMATIC, -inc: SelectShift and selectable drive modes: normal, tow/haul, eco and deep sand/snow (STD)	\$0.00
64A	WHEELS: 17" ARGENT PAINTED STEEL, -inc: painted hub covers/center ornaments (STD)	\$0.00
TD8	TIRES: LT245/75RX17E BSW A/S (4), (STD)	\$0.00
Z1	OXFORD WHITE	\$0.00
—	STANDARD PAINT	\$0.00
AS	MEDIUM EARTH GRAY, HD VINYL 40/20/40 SPLIT BENCH SEAT, -inc: center armrest, cupholder, storage and driver's side manual lumbar	\$0.00
X37	3.73 AXLE RATIO, (STD)	\$0.00
473	SNOW PLOW PREP PACKAGE, -inc: computer selected springs for snowplow application, NOTE 1: Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/snowplow	\$250.00
91S	AMBER LED WARNING STROBES (PRE-INSTALLED), -inc: center high-mounted stop light bar and 2 hood mounted lights	\$675.00
43C	110V/400W OUTLET, -inc: 1 in-dash mounted outlet	\$175.00
610A	ORDER CODE 610A	\$0.00
Please note selected options override standard equipment		
	SUBTOTAL	\$39,120.00
	Advert/ Adjustments	\$0.00
	Manufacturer Destination Charge	\$1,595.00
	TOTAL PRICE	\$40,715.00
Est City: N/A MPG Est Highway: N/A MPG Est Highway Cruising Range: N/A mi		

Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

Standard Equipment

MECHANICAL

Engine: 6.2L 2-Valve SOHC EFI NA V8 Flex-Fuel -inc: Flex-Fuel badge on fleet orders only
Transmission: TorqShift 10-Speed Automatic -inc: SelectShift and selectable drive modes: normal, tow/haul, eco and deep sand/snow
3.73 Axle Ratio
GVWR: 10,300 lb Payload Package
50-State Emissions System
Transmission w/Oil Cooler
Electronic Transfer Case
Part-Time Four-Wheel Drive
72-Amp/Hr 650CCA Maintenance-Free Battery w/Run Down Protection
157 Amp Alternator
Class V Towing Equipment -inc: Hitch and Trailer Sway Control
Trailer Wiring Harness
3960lbs. Maximum Payload
HD Shock Absorbers
Front Anti-Roll Bar
Firm Suspension
Hydraulic Power-Assist Steering
34 Gal. Fuel Tank
Single Stainless Steel Exhaust
Auto Locking Hubs
Front Suspension w/Coil Springs
Leaf Rear Suspension w/Leaf Springs
4-Wheel Disc Brakes w/4-Wheel ABS, Front And Rear Vented Discs, Brake Assist and Hill Hold Control

EXTERIOR

Wheels: 17" Argent Painted Steel -inc: painted hub covers/center ornaments
Tires: LT245/75Rx17E BSW A/S (4)
Regular Box Style
Steel Spare Wheel
Full-Size Spare Tire Stored Underbody w/Crankdown
Clearcoat Paint
Black Front Bumper w/Black Rub Strip/Fascia Accent and 2 Tow Hooks
Black Rear Step Bumper
Black Side Windows Trim and Black Front Windshield Trim
Black Door Handles
Black Manual Side Mirrors w/Manual Folding

Manual Extendable Trailer Style Mirrors
Fixed Rear Window
Light Tinted Glass
Variable Intermittent Wipers
Aluminum Panels
Black Grille
Front License Plate Bracket
Tailgate Rear Cargo Access
Manual Tailgate/Rear Door Lock
Fully Automatic Aero-Composite Halogen Auto High-Beam Daytime Running Lights Preference Setting
Headlamps w/Delay-Off
Cargo Lamp w/High Mount Stop Light

ENTERTAINMENT

Radio: AM/FM Stereo w/MP3 Player -inc: 4 speakers
Radio w/Seek-Scan
Fixed Antenna
SYNC Communications & Entertainment System -inc: enhanced voice recognition w/911 Assist, 4.2" LCD center stack screen, AppLink and 1 smart-charging USB-C port

INTERIOR

4-Way Driver Seat -inc: Manual Recline and Fore/Aft Movement
4-Way Passenger Seat -inc: Manual Recline and Fore/Aft Movement
Manual Tilt/Telescoping Steering Column
Gauges -inc: Speedometer, Odometer, Oil Pressure, Engine Coolant Temp, Tachometer, Transmission Fluid Temp, Engine Hour Meter, Trip Odometer and Trip Computer
Mobile Hotspot Internet Access
Manual Air Conditioning
Illuminated Locking Glove Box
Interior Trim -inc: Chrome Interior Accents
Full Cloth Headliner
Urethane Gear Shift Knob
HD Vinyl 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar
Day-Night Rearview Mirror
Passenger Visor Vanity Mirror
2 12V DC Power Outlets
Front Map Lights
Fade-To-Off Interior Lighting
Full Vinyl/Rubber Floor Covering
Underhood And Pickup Cargo Box Lights

Smart Device Remote Engine Start
Instrument Panel Covered Bin and Dashboard Storage
Manual 1st Row Windows
Systems Monitor
Trip Computer
Outside Temp Gauge
Analog Display
Seats w/Vinyl Back Material
Manual Adjustable Front Head Restraints
Securilock Anti-Theft Ignition (pats) Engine Immobilizer
Air Filtration

SAFETY

Electronic Stability Control (ESC) And Roll Stability Control (RSC)
ABS And Driveline Traction Control
Side Impact Beams
Dual Stage Driver And Passenger Seat-Mounted Side Airbags
Tire Specific Low Tire Pressure Warning
Dual Stage Driver And Passenger Front Airbags w/Passenger Off Switch
Safety Canopy System Curtain 1st Row Airbags
Mykey System -inc: Top Speed Limiter, Audio Volume Limiter, Early Low Fuel Warning, Programmable Sound Chimes and Beltminder w/Audio Mute
Outboard Front Lap And Shoulder Safety Belts -inc: Height Adjusters
Back-Up Camera



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 2019-74

Agenda Item Summary Memo

Title: Raintree Village Units 4, 5 and 6 – Stop Sign Analysis

Meeting and Date: Public Works Committee – November 19, 2019

Synopsis: Signage Recommendation

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:

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



Memorandum

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

Date: October 30, 2019
Subject: Raintree Village Unit 4,5,6 - Stop Sign Analysis

As requested, we investigated the possible installation of stop signs/yield signs within Raintree Village subdivision Units 4, 5 and 6.

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

Guidance:

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

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

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

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

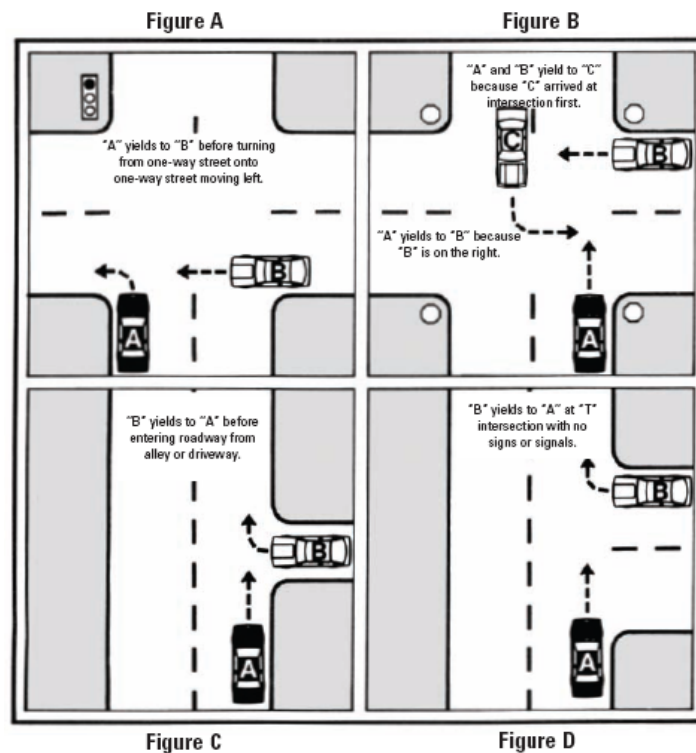
In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

- A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;*
- B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or*
- C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.*

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

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

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



Our findings are as follow:

- Currently there is no signage control at any crossings/intersections.
- The following intersections are good candidates for stop signs (see the attached exhibit for locations):

UNIT 4

- **Prairie Crossing Drive and Wren Road**
 - The approved engineering plans show a stop sign at Wren Road.
 - The traffic volume is above 2,000 units per day
 - Prairie Crossing Drive is a collector road for the unit, therefore this intersection is a less important road with a main road where the normal right-of-way rule would not be expected to be complied.
- **Prairie Crossing Drive and Hawk Hollow Drive**
 - The approved engineering plans show a stop sign at Hawk Hollow Drive.
 - The traffic volume is above 2,000 units per day
 - Prairie Crossing Drive is a collector road for the unit, therefore this intersection is a less important road with a main road where the normal right-of-way rule would not be expected to be complied.

UNIT 5

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

- **Prairie Crossing Drive and Country Hills Drive**

- The approved engineering plans show stop signs on Prairie Crossing Drive
- The traffic volume is above 2,000 units per day
- Country Hills Drive and Prairie Crossing Drive are both collector roads for the unit and therefore the normal right-of-way rule would not be expected to be complied.

UNIT 6

- **Fairfield Avenue and Fairfax Way**

- The approved engineering plans show stop signs on Fairfax Way.
- Fairfield Way is a collector road for the unit, therefore this intersection is a less important road with a main road where the normal right-of-way rule would not be expected to be complied.

- **Fairfield Avenue and Coach Road**

- The approved engineering plans show stop signs on Coach Road.
- Fairfield Way is a collector road for the unit, therefore this intersection is a less important road with a main road where the normal right-of-way rule would not be expected to be complied.

This topic may need to be revisited when the remaining units within Raintree Village have been developed.



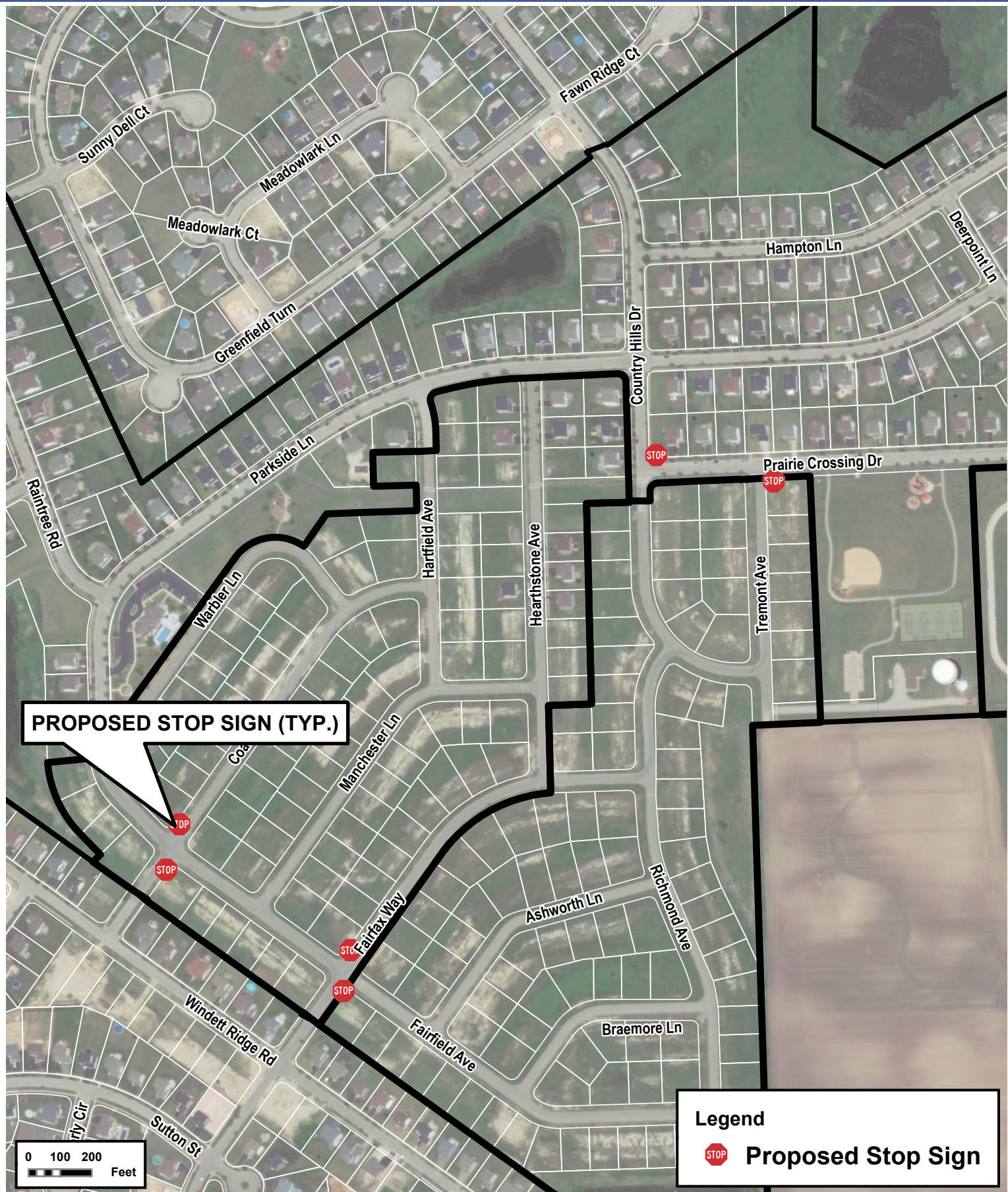
Engineering Enterprises

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

DATE:	OCTOBER 2019
PROJECT NO.:	YO1107
BY:	MJT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2011\
FILE:	YO1107-Location of Stop Sign Analysis.mxd

RAINTREE VILLAGE LOCATION MAP





Legend

 **Proposed Stop Sign**

Engineering Enterprises

52 Wheeler Road
 Sugar Grove, Illinois 60554
 (630) 466-6700
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DATE:	OCTOBER 2019
PROJECT NO.:	YO1107
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FILE:	YO1107-Location of Stop Sign Analysis.mxd

RAINTREE VILLAGE LOCATION MAP



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

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

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

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

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

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

- 1) Wren Road to Stop for Prairie Crossing Drive
- 2) Hawk Hollow Drive to Stop for Prairie Crossing Drive
- 3) Tremont Avenue to Stop for Prairie Crossing Drive
- 4) Prairie Crossing Drive to Stop for Country Hills Drive

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

- 1) Fairfax Way to Stop for Fairfield Avenue
- 2) Coach Road to Stop for Fairfield Avenue

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

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois, this ____
day of _____, A.D. 2019.

City Clerk

KEN KOCH _____

DAN TRANSIER _____

JACKIE MILSCHEWSKI _____

ARDEN JOE PLOCHER _____

CHRIS FUNKHOUSER _____

JOEL FRIEDERS _____

SEAVAR TARULIS _____

JASON PETERSON _____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this ____
day of _____, A.D. 2019.

Mayor