



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, October 15, 2019
6:00 p.m.
City Hall Conference Room
800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval:

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

New Business:

1. PW 2019-61 Water Department Reports for July, August, and September 2019
2. PW 2019-62 Capital Improvement Summary
3. PW 2019-63 Quarterly Bond and Letter of Credit Reduction Summary
4. PW 2019-64 Meeting Schedule for 2020
5. PW 2019-65 Anthony Place – Release of Remaining Performance Security
6. PW 2019-66 Grande Reserve Unit 1 – Acceptance of Public Improvements
7. PW 2019-67 Whispering Meadows Completion of Improvements – Change Order No. 2
8. PW 2019-68 Church Street Sanitary Improvements – Change Order No. 1
9. PW 2019-69 Road to Better Roads Program – Engineering Agreement
10. PW 2019-70 Briarwood Subdivision 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, October 15, 2019
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. August 20, 2019 – Special

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

2. August 20, 2019 – Regular

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

NEW BUSINESS:

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

2. PW 2019-62 Capital Improvement Summary

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

4. PW 2019-64 Meeting Schedule for 2020

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

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

☐ Moved forward to CC _____

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

10. PW 2019-70 Briarwood Subdivision 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 #1

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Special Public Works Committee – August 20, 2019

Meeting and Date: Public Works Committee – October 15, 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

SPECIAL PUBLIC WORKS COMMITTEE MEETING

JOINT MEETING OF THE UNITED CITY OF YORKVILLE PUBLIC WORKS COMMITTEE AND THE KENDALL COUNTY HIGHWAY COMMITTEE

Tuesday, August 20, 2019, 6:00p.m.

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

IN ATTENDANCE:

Committee Members

Vice-Chairman Ken Koch
Alderman Seaver Tarulis

Alderman Chris Funkhouser

Absent: Alderman Joe Plocher

Other City Officials

John Purcell, Mayor
Bart Olson, City Administrator
Eric Dhuse, Public Works Director

Julie Morrison, Engineer-EEI
Carri Parker, Purchasing Manager

Other Guests:

Matt Prochaska, Kendall County Board
Fran Klaas, County Engineer
Matt Kellogg, Kendall County Board

Ryan Sikes, WBK Engineering
Tyler Bachman, WSPY
Katie Finlon, *Kendall County Record*

The meeting was called to order at 6:00pm by Vice-Chairman Ken Koch.

Mr. Prochaska introduced the County meeting participants.

Citizen Comments: None

New Business:

1. PW 2019-52 Galena Road / Kennedy Road / Mill Road

Mr. Kellogg said the County and City will collaborate on improvements on these intersections and he said that a study had been done by CMT. CMT presented the study and options to the County last week. Mr. Klaas said the two feasibility study options are: 1) joining all three roads together in one intersection with roundabouts or traffic lights, 2) keep the intersections separate as it is now. A roundabout to bring all three together would function for about 10-15 years and a multi-lane roundabout would function until about 2050. A traditional signalized separate intersection was recommended as the most viable and least expensive. Maintenance costs for signals are greater than roundabouts, however, roundabouts are more expensive to install.

After further discussion by the committee of the feasibility study, the recommended solutions were:

1. Multi-lane roundabout with all intersections together, or
2. Keep intersections separate with signal at Galena & Kennedy and roundabout or signal at re-aligned Mill Road and the park.

Mr. Klaas said the County committee did not take action on the study by CMT and will take more time to study it. Mr. Olson asked if any options discuss cost efficiencies. He said the developer of Grande Reserve will give the city \$2.9 million when certain portions of Grande Reserve are constructed, which could be several years. The developer did commit to front-fund the Mill Road improvements. He said if there are no apparent cost efficiencies to join all intersections, the current configuration would likely be kept. Mr. Olson said there are available state level funds tied into federal funds. In that case, federal rules apply which delays the project and drives up the cost. Due to this factor, staff feels those funds are not an option. Mayor Purcell asked if doing the projects together would yield a cost savings, however, Mr. Klaas said it would be minimal.

Mr. Olson said when Mill Rd. is re-aligned a land swap would be done with slightly more footage going to the other landowner. A larger easement may also be needed.

It was noted that traffic counts justify a traffic light at Galena & Kennedy at this time while counts at Mill and Kennedy do not justify a light until 2040. Improvements are slated for 2021.

Alderman Funkhouser asked about a second exit on Galena or a right in/right out. He said it should be researched now to tie in with the other projects. In summary, Mr. Olson said there will be a staff meeting to discuss the many aspects of these intersection improvements.

2. PW 2019-53 Mill Road Resurfacing

Mr. Olson reported on this project. Staff has looked at bids and found that prices were higher than in the spring. Mr. Klaas reviewed the three bids and said the low bid was \$104,797.50 from Geneva Construction. The job must be done by October 31 and there are incentives for finishing before the end of September. The type of material to be used and possible savings on the road striping were discussed. The shoulder will also be widened. This matter moves forward to City Council.

Old Business: None

Additional Business:

There was no further business and the meeting was adjourned at 6:35pm.

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

Agenda Item Number

Minutes #2

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – August 20, 2019

Meeting and Date: Public Works Committee – October 15, 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, August 20, 2019, 6:15pm
Yorkville City Hall, Conference Room
800 Game Farm Road**

IN ATTENDANCE:

Committee Members

Vice-Chairman Ken Koch
Alderman Seaver Tarulis

Alderman Chris Funkhouser

Absent: Alderman Joe Plocher

Other City Officials

Mayor John Purcell
City Administrator Bart Olson
Carri Parker, Purchasing Manager

Public Works Director Eric Dhuse
Engineer Julie Morrison, EEI

Other Guests:

Katie Finlon, *Kendall County Record*

Tyler Bachman, WSPY

The meeting was called to order at 6:35pm by Vice-Chairman Ken Koch immediately following a joint meeting with the Kendall County Highway Committee.

Citizen Comments: None

Previous Meeting Minutes: July 16, 2019

The minutes were approved as presented.

New Business:

1. PW 2019-54 Grande Reserve Unit 2 – Bond Release

Ms. Morrison recommended full release of the \$124,225.41 bond since the 1-year warranty period has ended and punchlist completed. The committee agreed and this moves to the City Council.

2. PW 2019-55 Grande Reserve Unit 5 – Bond Release

The 1-year warranty period has ended and all punchlist items are done. The bond value is \$109,456.65 and Ms. Morrison recommended full release. This moves to the City Council with committee approval.

3. PW 2019-56 Casey's – Letter of Credit Release

This is also a 1-year warranty completion with all punchlist items done. Ms. Morrison recommended release of the \$7,603.80 letter of credit and this moves to the City Council with committee approval.

4. PW 2019-57 Well #4 Autotransformer Purchase

Mr. Dhuse said this repair part has been replaced one other time and the well will not start without it. The part is small, but very expensive and he would like to replace it with a solid state unit which is more reliable. There was brief conversation about the cost of the part which is not to exceed \$48,750. The committee recommended purchase and this moves to the City Council.

5. PW 2019-58 Hydrant Flushing

The flushing procedure was explained by Mr. Dhuse with the aid of a map. He said there are four pressure zones and each is done once a year. If there are complaints or questions, extra flushing may be done. SCADA tracks the flushings. Mr. Dhuse said chlorine residuals are tracked daily from 23 random points throughout town. A city-wide flush will be done at each hydrant in October to remove iron. This information was requested following attendance by Aldermen Plocher and Milschewski at a Heartland HOA meeting. Alderman Funkhouser asked if the city could send information to residents when flushings are done and Mr. Olson said information can be sent with the utility bills. Social media was also used and signs were placed at the entrance to each subdivision. These methods along with others, will be used for the upcoming chemical flush.

6. PW 2019-59 Materials Storage Shed – Bid Award and Budget Amendment

Mr. Dhuse thanked Ms. Parker for all the work on this bid and said the lowest bid came from Lite Construction not to exceed \$249,700. This amount was not budgeted for this year, however, Mr. Fredrickson drafted a budget amendment for this expense and this matter will require a super majority vote. Alderman Tarulis said he did not like to defer planning money, but all agreed the shed is needed. The shed needs to be built by November 1st. This item moves to the August 27th City Council meeting.

7. PW 2019-60 Mill Road Land Acquisition – Plats of Dedication

Mr. Olson said this is the final part of the land acquisition for the two eastern parcels on Mill Rd. These are strips of land for right-of-way for the improvements and repaving. The agreements have been signed, payment made and the land sale must now be recorded. Parcel #3 is part of the land swap. This moves to the City Council.

Old Business:

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

Ms. Morrison said a grant of easement has been drafted for the access on the east side of lot #5. The draft was sent to the Imperial Investments attorney and should be ready for approval at the next City Council meeting. It is hoped the improvements will be done in 2-3 weeks. Ms. Morrison will determine if a previous easement needs to be vacated.

2. PW 2019-52 Galena Road / Kennedy Road / Mill Road

This item was discussed at the joint County/City meeting just prior to this meeting. The committee said most likely there will be a future traffic light at Galena and Kennedy with several variables for the Mill Road and Kennedy intersection which may result in a roundabout or light in the future.

3. PW 2019-53 Mill Road Resurfacing

This was discussed at the joint County/City meeting prior to this meeting. The committee was OK with the bid that was presented and this now moves to the City Council.

Additional Business: None

There was no further business and the meeting was adjourned at 7:04pm.
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 2019-61

Agenda Item Summary Memo

Title: Water Department Reports for July, August, and September 2019

Meeting and Date: Public Works Committee – October 15, 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:



United City of Yorkville

WATER DEPARTMENT REPORT

July 2019
MONTH / YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	22,089,000
7	1527	1125	430	9,702,000
8	1384	840	456	19,021,000
9	1368	861	509	9,975,000
TOTAL TREATED				56,260,900

CURRENT MONTH'S PUMPAGE IS 7,436,000 GALLONS **MORE THAN LAST MONTH**
5,689,000 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,960,900 GALLONS
DAILY MAXIMUM PUMPED: 2,571,000 GALLONS
DAILY AVERAGE PER CAPITA USE: 95.52 GALLONS

WATER TREATMENT:

CHLORINE: 1,075 LBS. FED CALCULATED CONCENTRATION: 2.29 MG/L
FLUORIDE: 45 LBS. FED MEASURED CONCENTRATION: .97 MG/L
POLYPHOSPHATE: 1,509 LBS. FED CALCULATED CONCENTRATION: 1.13 MG/L

WATER QUALITY:

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

FLOURIDE: 3 SAMPLE(S) TAKEN CONCENTRATION: 0.80 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 16 NUMBER OF LEAKS OR BREAKS REPAIRED: _____
MXU'S: 54 BATTERIES REPLACED: _____

NEW CUSTOMERS:

RESIDENTIAL: 29 COMMERCIAL: _____ INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:



United City of Yorkville

WATER DEPARTMENT REPORT

August 2019
MONTH / YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	24,945,000
7	1527	1125	430	9,738,100
8	1384	840	456	15,431,000
9	1368	861	509	12,315,000
TOTAL TREATED				57,674,700

CURRENT MONTH'S PUMPAGE IS 1,642,100 GALLONS **MORE THAN LAST MONTH**
2,335,900 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 2,013,842 GALLONS
DAILY MAXIMUM PUMPED: 2,755,000 GALLONS
DAILY AVERAGE PER CAPITA USE: 97.92 GALLONS

WATER TREATMENT:

CHLORINE: 1,772 LBS. FED CALCULATED CONCENTRATION: 3.68 MG/L
FLUORIDE: 46 LBS. FED MEASURED CONCENTRATION: .79 MG/L
POLYPHOSPHATE: 1,603 LBS. FED CALCULATED CONCENTRATION: 1.17 MG/L

WATER QUALITY:

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

FLOURIDE: 3 SAMPLE(S) TAKEN CONCENTRATION: 0.79 MG/L

MAINTENANCE:

NUMBER OF METERS REPLACED: 5 NUMBER OF LEAKS OR BREAKS REPAIRED: 1
MXU'S: 12 BATTERIES REPLACED:

NEW CUSTOMERS:

RESIDENTIAL: 19 COMMERCIAL: 3 INDUSTRIAL/GOVERNMENTAL:

COMMENTS:



United City of Yorkville

WATER DEPARTMENT REPORT

September 2019
MONTH / YEAR

WELLS

NO	WELL DEPTH (FEET)	PUMP DEPTH (FEET)	WATER ABOVE PUMP (FEET)	THIS MONTH'S PUMPAGE (GALLONS)
4	1386	664	384	22,947,000
7	1527	1125	430	7,575,000
8	1384	840	456	6,944,000
9	1368	861	509	17,736,000
TOTAL TREATED				55,202,000

CURRENT MONTH'S PUMPAGE IS 7,227,100 GALLONS **LESS THAN LAST MONTH**
596,500 GALLONS **LESS THAN LAST YEAR**

DAILY AVERAGE PUMPED: 1,840,67 GALLONS
DAILY MAXIMUM PUMPED: 2,897,000 GALLONS
DAILY AVERAGE PER CAPITA USE: 89.21 GALLONS

WATER TREATMENT:

CHLORINE: 1,559 LBS. FED CALCULATED CONCENTRATION: 3.68 MG/L
FLUORIDE: 80 LBS. FED MEASURED CONCENTRATION: .79 MG/L
POLYPHOSPHATE: 1,333 LBS. FED CALCULATED CONCENTRATION: 1.10 MG/L

WATER QUALITY:

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

FLOURIDE: 3 SAMPLE(S) TAKEN CONCENTRATION: 0.79 MG/L

MAINTENANCE:

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

NEW CUSTOMERS:

RESIDENTIAL: 21 COMMERCIAL: 1 INDUSTRIAL/GOVERNMENTAL: _____

COMMENTS:



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 2019-62

Agenda Item Summary Memo

Title: Capital Project Update

Meeting and Date: Public Works Committee – October 15, 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:



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: September 26, 2019
Subject: Capital Improvement Projects Update

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

Construction Projects

2019 RTBR

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

Rt 71 Water main and Sanitary Sewer Relocation

Both the water main and sanitary sewer work have begun. The water main is approximately 90% complete and the sanitary sewer is 100% complete.

East Orange Street Water Main Improvements

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

Church Street Sanitary Sewer Improvements

The project is substantially complete.

Planning/Design Projects

Mill Road Reconstruction

Final design is approximately 95% complete. Contacts with the Railroad and Utility companies have been made. ROW acquisition is complete for two of the three parcels.

Elizabeth Street Water Main Replacement

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

Well No. 7 Generator

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

Water Treatment Plans 8/9 Media Replacement

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



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input 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 2019-63

Agenda Item Summary Memo

Title: Bond/LOC Reduction Summary – September 30, 2019

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: Informational

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:



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: September 26, 2019
Subject: 2019 Bond/LOC Reduction Summary – To Date

Please see the attached reduction summary through September 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 type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input checked="" type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #4

Tracking Number

PW 2019-64

Agenda Item Summary Memo

Title: Meeting Schedule for 2020

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: Proposed meeting schedule for 2020.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Lisa Pickering Administration
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Lisa Pickering, City Clerk
CC: Bart Olson, City Administrator
Date: October 7, 2019
Subject: Public Works Committee Meeting Schedule for 2020

Summary

Proposed 2020 meeting schedule for the Public Works Committee.

Meeting Schedule for 2020

For 2020, if the Public Works Committee would like to continue meeting the third Tuesday of the month at 6:00 p.m., the tentative meeting dates would be as follows:

- January 21, 2020
- February 18, 2020
- March 17, 2020
- April 21, 2020
- May 19, 2020
- June 16, 2020
- July 21, 2020
- August 18, 2020
- September 15, 2020
- October 20, 2020
- November 17, 2020
- December 15, 2020

Recommendation

Staff recommends review of the proposed meeting dates and time so that a meeting schedule can be finalized for 2020.

2020

January						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



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 2019-65

Agenda Item Summary Memo

Title: Anthony's Place - Bond Release

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: Recommendation to release remaining performance security

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: September 26, 2019
Subject: Anthony's Place – LOC Release

The developer has completed the remaining punchlist items from the one-year warranty period and we are now recommending a full release of their remaining performance security. The value of the remaining security is \$8,845.35 per the attached.

The public improvements were accepted on March 27, 2018.

Please let us know if you have any questions.

SUBDIVISION MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That Anthony Place Yorkville, LP
as **Principal**, hereinafter called Contractor

and North American Specialty Insurance Company
as **Surety**, hereinafter called Surety,
are held and firmly bound unto the United City of Yorkville, an Illinois municipal corporation,
800 Game Farm Road, Yorkville, Illinois, 60560, as **Obligee**, hereinafter called City, in the penal
sum of Eight Thousand Eight Hundred Forty Five and 35/100 (\$ 8,845.35), for payment whereof
Contractor and Surety bind themselves, and their respective heirs, executors, administrators,
successors and assigns, jointly and severally, by this obligation.

WHEREAS, the Contractor has constructed certain public improvements for lots within a
subdivision commonly known as 1050 Freemont Street, Yorkville, Illinois
and as more particularly described and designated on the plat of said property, said plat being
incorporated herein and made a part hereof by reference thereto; and,

WHEREAS, the aforementioned public improvements were made pursuant to certain plans and
specifications on file with the City and the City's Subdivision Control Ordinance, both made a
part hereof by reference thereto; and,

WHEREAS, the Contractor has requested the City accept the public improvements pursuant to
Section 11-5-2 of the City's Subdivision Control Ordinance that requires in Section 11-5-3 the
Contractor to post with the City this bond in the amount of ten percent of the improvements to
guarantee the maintenance and performance of the improvements to properly function as
designed and to remain free of defects in material, workmanship and installation for a period of
one year from the date of approval by the City accepting the improvements.

NOW, THEREFORE, the condition of this obligation is such that, if the Principal shall perform
the obligations in accordance with the ordinances, standards and requirements of the City and
shall fully indemnify and save harmless the City from all cost and damage which the City may
suffer by reason of failure on the Principal's part, not to exceed the penal sum of this bond, then
this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED the City shall notify the Principal in writing of any defect for which the Principal is
responsible and shall specify in said notice a period of time in which Principal shall have to
correct said defect.

The Surety unconditionally covenants and agrees that if the Principal fails to correct said defects,
within the time specified, the Surety, upon 30 days certified mail notice to the address above

from the City of the defect will correct such defect or defects and pay all City expenditures and obligations thereof, including, but not limited to construction costs and consultant fees.

Should the Surety fail or refuse to correct the defects, the City in consideration of the public health, welfare and safety and in approving and accepting said improvements shall have the right to resort to any and all legal remedies against the Principal and Surety, both at law and in equity, including specifically repair or replacement of said improvements to which the Principal and surety unconditionally agree.

The City, at its option, shall have the right to correct said defects resulting from faulty materials or workmanship, or, pursuant to bidding cause to be corrected any said defects in case the Principal shall fail or refuse to do so, and in the event the City should exercise and give effect to such right, the Principal and Surety shall be jointly and severally bound hereunder to reimburse the City the total cost thereof, including, but not limited to, engineering, legal and contingent cost, together with any damages which may be sustained on account of the failure of the Principal to correct said defects.

The City shall have no obligation to actually incur any cost or correct any deficient performance of the Principal in order to be entitled to receive the proceeds of this bond for any defect.

IN WITNESS WHEREOF, the Principal and Surety have executed this bond this 10th day of April, 2018.

Principal: Anthony Place Yorkville, LP

By: _____

Surety: North American Specialty Insurance Company

By: J. Spencer Miller

Attorney-in-fact

Attach standard form showing Attorney-in-fact authorization

SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Overland Park, Kansas, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Overland Park, Kansas, each does hereby make, constitute and appoint:

J. SPENCER MILLER, MARK PHILLIP NAHN

and KAREN THORP

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

"RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By

Steven P. Anderson, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company

By

Michael A. Ito, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company



IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 23rd day of February, 2018.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook

ss:

On this 23rd day of February, 2018, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Michael A. Ito, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 10th day of April, 2018.

Jeffrey Goldberg, Vice President & Assistant Secretary of
Washington International Insurance Company & North American Specialty Insurance Company



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

Agenda Item Number

New Business #6

Tracking Number

PW 2019-66

Agenda Item Summary Memo

Title: Grande Reserve – Unit 1

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: Subdivision Acceptance Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Consideration of Approval

Submitted by:

Brad Sanderson

Engineering

Name

Department

Agenda Item Notes:

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
Krysti Barksdale-Noble, Community Dev. Dir.
Lisa Pickering, City Clerk

Date: September 23, 2019
Subject: Grande Reserve – Unit 1

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

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

As required by City Code, the developer will be responsible to provide a performance guarantee to cover the one-year maintenance period. The guarantee should be in the amount of (\$170,747.89). This period starts after the City formally accepts the improvements.

BILL OF SALE

Seller, _____, in consideration of One and 00/100th Dollar (\$1.00), receipt hereby acknowledged, does hereby sell, assign, transfer and convey to the *Buyer*, the United City of Yorkville, an Illinois municipal corporation, at 800 Game Farm Road, Yorkville, Illinois 60560, the following personal property to wit described in Exhibit A attached hereto for the development know as Grande Reserve – Unit 1 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

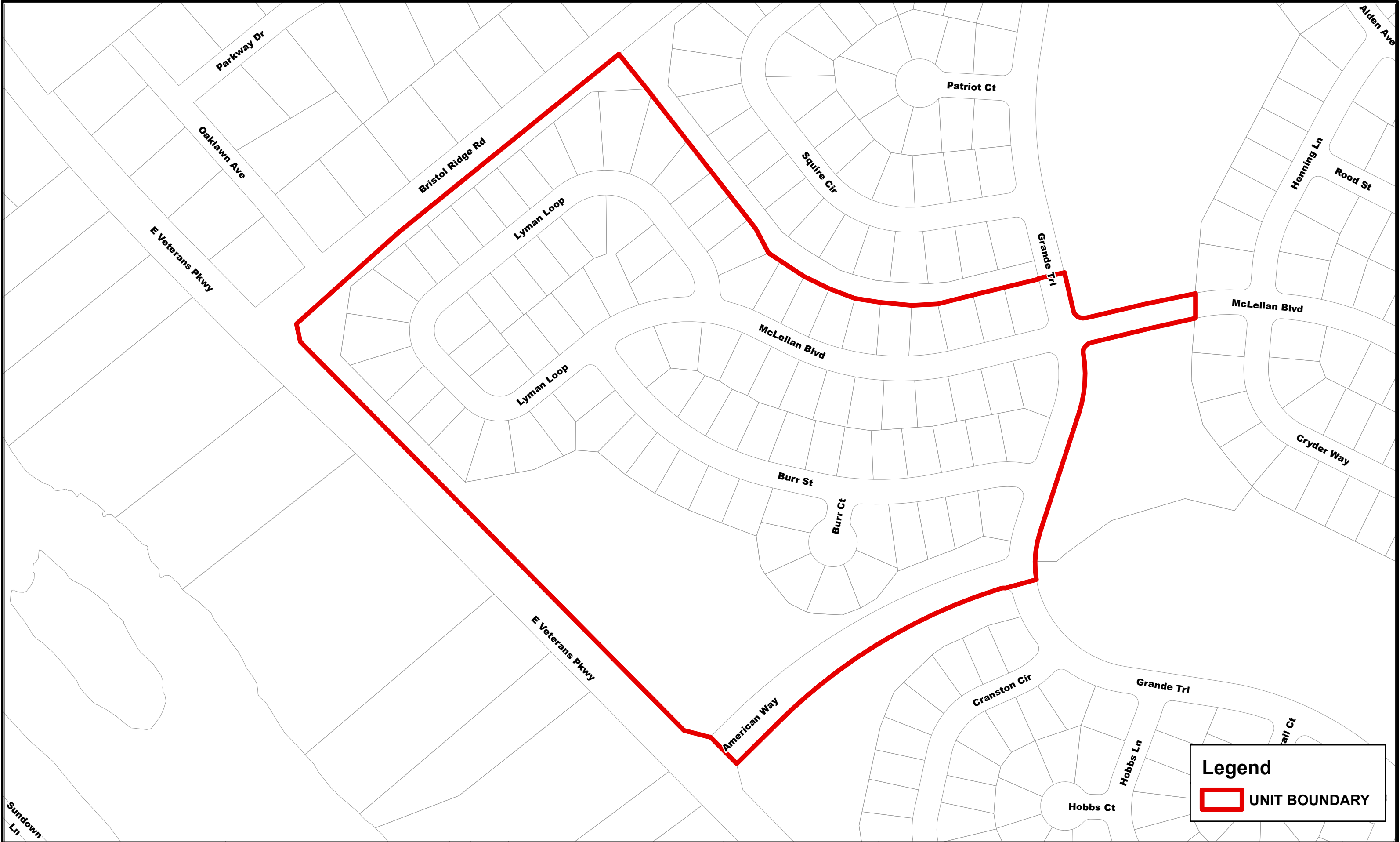
EXHIBIT A

GRANDE RESERVE - UNIT 1 (NEIGHBORHOOD 12)

UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITY
STORM SEWER CONSTRUCTION		
4" PVC SUMP CONNECTION	EACH	90
STORM SEWER, PVC, 8"	FOOT	234
STORM SEWER, RCP, 12"	FOOT	3,466
STORM SEWER, RCP, 15"	FOOT	790
STORM SEWER, RCP, 18"	FOOT	560
STORM SEWER, RCP, 21"	FOOT	1,417
STORM SEWER, RCP, 24"	FOOT	286
STORM SEWER, RCP, 27"	FOOT	746
STORM SEWER, RCP, 30"	FOOT	1,034
STORM SEWER, RCP, 36"	FOOT	757
STORM SEWER, RCP, 48"	FOOT	536
INLET, 24" DIA TY A W/ FRAME & GRATE	EACH	36
MANHOLE, 48" DIA W/ FRAME & LID	EACH	16
MANHOLE, 60" DIA W/ FRAME & LID	EACH	31
MANHOLE, 72" DIA W/ FRAME & LID	EACH	5
MANHOLE, 96" DIA W/ FRAME & LID	EACH	1
CATCH BASIN, 48" DIA W/ FRAME & GRATE	EACH	22
FLARED END SECTION W/ GRATE, 21"	EACH	1
FLARED END SECTION W/ GRATE, 24"	EACH	1
FLARED END SECTION W/ GRATE, 36"	EACH	1
FLARED END SECTION W/ GRATE, 48"	EACH	1
SANITARY SEWER CONSTRUCTION		
8" PVC SANITARY SEWER (SDR 26)	FOOT	3,509
8" PVC SANITARY SEWER (SDR 21)	FOOT	1,633
6" SANITARY SERVICE COMPLETE - NEAR	EACH	50
6" SANITARY SERVICE COMPLETE - FAR	EACH	40
6" SERVICE RISER	V FOOT	160
48" MANHOLE TYPE A W/ FRAME & LID	EACH	33
WATER MAIN CONSTRUCTION		
8" DUCTILE IRON WATERMAIN	FOOT	3,349
16" DUCTILE IRON WATER MAIN	FOOT	98
8" VALVE & BOX	EACH	4
FIRE HYDRANT ASSEMBLY, COMPLETE	EACH	13
1.5" COPPER SERVICE COMPLETED - NEAR	EACH	25
1.5" COPPER SERVICE COMPLETED - FAR	EACH	27
MISCELLANEOUS UNDERGROUND CONSTRUCTION		
STREET LIGHT COMPLETE INCLUDING WIRE & TRENCHING, ETC	EACH	22
DUAL HEAD STREET LIGHT 25' STANDARD, COMPLETE INCLUDE WIRE & TRENCHING, ETC.	EACH	2
ROADWAY CONSTRUCTION		
5' WIDE - 5" PCC SIDEWALK (ALONG LOT FRONTAGE)	SQ FT	47,921
5' WIDE - 5" PCC SIDEWALK (ALONG OPEN SPACE)	SQ FT	15,714

ROADWAY	UNIT	QUANTITY
AMERICAN WAY	FOOT	896
GRANDE TRAIL	FOOT	726
BURR STREET	FOOT	1,300
BURR COURT	FOOT	170
MCCLELLAN BLVD	FOOT	977
LYMAN LOOP	FOOT	2,060



Legend

UNIT BOUNDARY

GASB
GRANDE RESERVE - UNIT 1 (NEIGHBORHOOD 12)
UNITED CITY OF YORKVILLE

UTILITIES	UNIT	QUANTITIY	UNIT PRICE	COST
STORM SEWER CONSTRUCTION				
4" PVC SUMP CONNECTION	EACH	90	\$ 250.00	\$ 22,500.00
STORM SEWER, PVC, 8"	FOOT	234	\$ 14.00	\$ 3,276.00
STORM SEWER, RCP, 12"	FOOT	3,466	\$ 16.00	\$ 55,456.00
STORM SEWER, RCP, 15"	FOOT	790	\$ 17.00	\$ 13,430.00
STORM SEWER, RCP, 18"	FOOT	560	\$ 19.00	\$ 10,640.00
STORM SEWER, RCP, 21"	FOOT	1,417	\$ 25.00	\$ 35,425.00
STORM SEWER, RCP, 24"	FOOT	286	\$ 28.00	\$ 8,008.00
STORM SEWER, RCP, 27"	FOOT	746	\$ 33.00	\$ 24,618.00
STORM SEWER, RCP, 30"	FOOT	1,034	\$ 38.00	\$ 39,292.00
STORM SEWER, RCP, 36"	FOOT	757	\$ 48.00	\$ 36,336.00
STORM SEWER, RCP, 48"	FOOT	536	\$ 65.00	\$ 34,840.00
INLET, 24" DIA TY A W/ FRAME & GRATE	EACH	36	\$ 600.00	\$ 21,600.00
MANHOLE, 48" DIA W/ FRAME & LID	EACH	16	\$ 1,050.00	\$ 16,800.00
MANHOLE, 60" DIA W/ FRAME & LID	EACH	31	\$ 1,430.00	\$ 44,330.00
MANHOLE, 72" DIA W/ FRAME & LID	EACH	5	\$ 3,000.00	\$ 15,000.00
MANHOLE, 96" DIA W/ FRAME & LID	EACH	1	\$ 4,500.00	\$ 4,500.00
CATCH BASIN, 48" DIA W/ FRAME & GRATE	EACH	22	\$ 1,300.00	\$ 28,600.00
FLARED END SECTION W/ GRATE, 21"	EACH	1	\$ 750.00	\$ 750.00
FLARED END SECTION W/ GRATE, 24"	EACH	1	\$ 820.00	\$ 820.00
FLARED END SECTION W/ GRATE, 30"	EACH	0	\$ 1,150.00	\$ -
FLARED END SECTION W/ GRATE, 36"	EACH	1	\$ 1,520.00	\$ 1,520.00
FLARED END SECTION W/ GRATE, 48"	EACH	1	\$ 1,650.00	\$ 1,650.00
SANITARY SEWER CONSTRUCTION				
8" PVC SANITARY SEWER (SDR 26)	FOOT	3,509	\$ 20.00	\$ 70,180.00
8" PVC SANITARY SEWER (SDR 21)	FOOT	1,633	\$ 40.00	\$ 65,320.00
6" SANITARY SERVICE COMPLETE - NEAR	EACH	50	\$ 450.00	\$ 22,500.00
6" SANITARY SERVICE COMPLETE - FAR	EACH	40	\$ 1,200.00	\$ 48,000.00
6" SERVICE RISER	V FOOT	160	\$ 25.00	\$ 4,000.00
48" MANHOLE TYPE A W/ FRAME & LID	EACH	33	\$ 1,950.00	\$ 64,350.00
WATER MAIN CONSTRUCTION				
8" DUCTILE IRON WATERMAIN	FOOT	3,349	\$ 21.00	\$ 70,329.00
16" DUCTILE IRON WATER MAIN	FOOT	98	\$ 46.00	\$ 4,508.00
8" VALVE & BOX	EACH	4	\$ 1,000.00	\$ 4,000.00
FIRE HYDRANT ASSEMBLY, COMPLETE	EACH	13	\$ 1,900.00	\$ 24,700.00
1.5" COPPER SERVICE COMPLETED - NEAR	EACH	25	\$ 400.00	\$ 10,000.00
1.5" COPPER SERVICE COMPLETED - FAR	EACH	27	\$ 800.00	\$ 21,600.00
MISCELLANOUS UNDERGROUND CONSTRUCTION				
STREET LIGHT COMPLETE INCLUDING WIRE & TRENCHING, ETI	EACH	22	\$ 4,500.00	\$ 99,000.00
DUAL HEAD STREET LIGHT 25' STANDARD, COMPLETE INCLUD	EACH	2	\$ 6,000.00	\$ 12,000.00
ROADWAY CONSTRUCTION				
5' WIDE - 5" PCC SIDEWALK (ALONG LOT FRONTAGE)	SQ FT	47,921	\$ 3.75	\$ 179,703.75
5' WIDE - 5" PCC SIDEWALK (ALONG OPEN SPACE)	SQ FT	15,714	\$ 3.75	\$ 58,927.50
			TOTAL COST	\$ 1,166,509.25

GASB
GRANDE RESERVE - UNIT 1 (NEIGHBORHOOD 12)
UNITED CITY OF YORKVILLE

ROADWAY	UNIT	QUANTITY	UNIT PRICE		COST
AMERICAN WAY	FOOT	896	\$	66.27	\$ 59,377.92
GRANDE TRAIL	FOOT	726	\$	66.27	\$ 48,112.02
BURR STREET	FOOT	1,300	\$	66.27	\$ 86,151.00
BURR COURT	FOOT	170	\$	66.27	\$ 11,265.90
MCCLELLAN BOULEVARD	FOOT	977	\$	66.27	\$ 64,745.79
LYMAN LOOP	FOOT	2,060	\$	66.27	\$ 136,516.20
TOTAL		6,129	TOTAL COST		\$ 406,168.83



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

Agenda Item Number

New Business #7

Tracking Number

PW 2019-67

Agenda Item Summary Memo

Title: Whispering Meadows - Completion of Improvements

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: Consideration of Change Order No. 2 (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: October 7, 2019
Subject: Whispering Meadows – Completion of Improvements

The purpose of this memo is to present Change Order No. 2 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 Geneva Construction Co. entered into an agreement for a contract value of **\$1,489,553.11** for the above referenced project. The value was adjusted via Change Order No. 1 to **\$1,114,768.36**.

Questions Presented:

Should the City approve Change Order No. 2 which would **decrease** the contract amount by \$97,003.12.

Discussion:

Changes are per as-built quantities measured in the field, changes in scope of project and missing pay item from contract. Please see the attached summary spreadsheet.

We are recommending approval of the change order.

Action Required:

Consideration of approval of Change Order No. 2 in the amount of \$97,003.12.

CHANGE ORDER

Order No. 2 (BALANCING)

Date: October 4, 2019

Agreement Date: April 10, 2018

NAME OF PROJECT: Whispering Meadows – Completion of Improvements

OWNER: United City of Yorkville

CONTRACTOR: Geneva Construction Co.

The following changes are hereby made to the CONTRACT DOCUMENTS:

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$1,489,553.11

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$1,114,768.36

The CONTRACT PRICE due to this CHANGE ORDER will be ~~(increased)~~ (decreased) by: \$ 97,003.12

The new CONTRACT PRICE including this CHANGE ORDER will be: \$1,017,765.24

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 2, 2019

Justification

1-84) Changes per as-built quantities measured in the field

AUP 1-3) Change in scope of project

AUP 4) Missing pay item from contract

Approvals Required

Requested by: _____ United City of Yorkville

Recommended by: _____ Engineering Enterprises, Inc.

Accepted by: _____ Geneva Construction Co.

CHANGE ORDER NO. 2 (BALANCING)
WHISPERING MEADOWS - COMPLETION OF IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	BIT MATERIALS (PRIME COAT)	LB	27,425	\$ 0.01	9,648.7	\$ 96.49	-	\$ -
2	HMA SURFACE REMOVAL, 1.5"	SY	10,532	\$ 1.50	295.7	\$ 443.52	-	\$ -
3	HMA SURFACE REMOVAL, 2.5"	SY	44,093	\$ 1.60	2,566.1	\$ 4,105.76	-	\$ -
4	HMA SURF REM - BUTT JOINT	SY	172	\$ 12.00	4.0	\$ 48.00	-	\$ -
5	HMA SURF CSE, MIX "D", N50	TON	4,735	\$ 57.00	126.5	\$ 7,210.50	-	\$ -
6	HMA BINDER COURSE, IL-19.0, N50	TON	6,785	\$ 55.00	-	\$ -	328.9	\$ 18,089.50
7	REM AND DISP OF UNSUITABLE MATL	CY	1,000	\$ 29.00	-	\$ -	1,000.0	\$ 29,000.00
8	AGG SUBGRADE IMPROVEMENT	CY	1,000	\$ 38.00	-	\$ -	1,000.0	\$ 38,000.00
9	GEOTECH FAB F/ GR STAB	SY	3,000	\$ 0.95	-	\$ -	3,000.0	\$ 2,850.00
10	PCC SIDEWALK REM & REPL	SF	7,135	\$ 7.00	-	\$ -	7,135.0	\$ 49,945.00
11	PCC SIDEWALK 5 INCH, SPEC	SF	360	\$ 6.50	164.0	\$ 1,066.00	-	\$ -
12	DETECTABLE WARNINGS	SF	420	\$ 21.00	562.0	\$ 11,802.00	-	\$ -
13	COMB CC&G REM & REPL	LF	2,225	\$ 30.00	-	\$ -	395.0	\$ 11,850.00
14	SAWCUT AND CAULKING CRACKED CC&G	EA	144	\$ 35.00	-	\$ -	11.0	\$ 385.00
15	EPOXY PATCH CURB HEAD	EA	152	\$ 45.00	-	\$ -	106.0	\$ 4,770.00
16	CRACK SEALING (CURBS)	LF	333,034	\$ 0.41	2,288.0	\$ 938.08	-	\$ -
17	THERMOPLASTIC PAVMNT MARKING - 6"	LF	1,120	\$ 2.20	1,639.0	\$ 3,605.80	-	\$ -
18	THERMOPLASTIC PAVMNT MARKING - 24"	LF	95	\$ 5.26	40.0	\$ 210.40	-	\$ -
19	YIELD SIGN INSTALLATION	EA	1	\$ 300.00	-	\$ -	-	\$ -
20	DIVIDED ROAD SIGN INSTALLATION	EA	2	\$ 300.00	-	\$ -	-	\$ -
21	REALIGN STREET LIGHTS	EA	2	\$ 683.03	-	\$ -	-	\$ -
22	BACKFILL AROUND STREET LIGHTS	EA	2	\$ 724.18	-	\$ -	-	\$ -
23	48-HOUR BURN TEST	LS	1	\$ 1,734.90	-	\$ -	-	\$ -
24	MH LID REPLACEMENT - SANITARY	EA	2	\$ 150.00	-	\$ -	-	\$ -
25	LOCATE & ADJ STRUCTURE- SANITARY	EA	4	\$ 675.00	-	\$ -	-	\$ -
26	RESET FR & ADJ RINGS - SANITARY	EA	2	\$ 500.00	-	\$ -	-	\$ -
27	RESET FRAME - SANITARY	EA	9	\$ 450.00	-	\$ -	-	\$ -
28	STRUCTURE ADJ - SANITARY	EA	1	\$ 500.00	4.0	\$ 2,000.00	-	\$ -
29	REPLACE CHIMNEY SEAL	EA	3	\$ 275.00	-	\$ -	-	\$ -
30	MH FR & LID REPLACEMENT- SANITARY	EA	2	\$ 685.00	-	\$ -	-	\$ -
31	PIPE GROUTING - SANITARY	EA	1	\$ 100.00	-	\$ -	-	\$ -
32	CLEAN STRUCTURE - SANITARY	EA	2	\$ 195.00	-	\$ -	-	\$ -
33	MANDREL TESTING - SANITARY	LS	1	\$ 600.00	-	\$ -	-	\$ -
34	TELEVISION - SANITARY	LF	20,075	\$ 1.65	-	\$ -	177.8	\$ 293.37
35	LOCATE & ADJ STRUCTURE - STORM	EA	0	\$ 375.00	-	\$ -	-	\$ -

***BOLD QUANTITIES PER CHANGE ORDER 1**

CHANGE ORDER NO. 2 (BALANCING)
WHISPERING MEADOWS - COMPLETION OF IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
36	STRUCTURE ADJ - STORM	EA	0	\$ 275.00	3.0	\$ 825.00	-	\$ -
37	RESET FR & ADJ RINGS - STORM	EA	0	\$ 275.00	-	\$ -	-	\$ -
38	RESET FRAME - STORM	EA	0	\$ 275.00	-	\$ -	-	\$ -
39	MH FR & LID REPLACEMENT- STORM	EA	8	\$ 850.00	-	\$ -	-	\$ -
40	REPLACE ADJ RINGS - STORM	EA	3	\$ 325.00	-	\$ -	-	\$ -
41	REPL MH OPEN LID - STORM	EA	0	\$ 193.00	-	\$ -	-	\$ -
42	REPOUR BENCH - STORM	EA	3	\$ 300.00	-	\$ -	-	\$ -
43	STEP INSTALLATION - STORM	EA	0	\$ 185.00	-	\$ -	-	\$ -
44	FLARED END SECTION GRATE, 24"	EA	0	\$ 460.00	-	\$ -	-	\$ -
45	FLARED END SECTION RIP RAP	SY	0	\$ 75.00	-	\$ -	-	\$ -
46	BACKFILL SINKHOLE - STORM	EA	0	\$ 125.00	1.0	\$ 125.00	-	\$ -
47	PATCH LIFT HOLE IN STRUCT - STORM	EA	0	\$ 65.00	-	\$ -	-	\$ -
48	RESET BARREL SECT - STORM	EA	0	\$ 310.00	-	\$ -	-	\$ -
49	PIPE GROUTING - STORM	EA	1	\$ 100.00	-	\$ -	-	\$ -
50	CLEAN STRUCTURE - STORM	EA	0	\$ 195.00	-	\$ -	-	\$ -
51	CLEAN OULTET STRUCTURE - STORM	EA	0	\$ 1,350.00	-	\$ -	-	\$ -
52	MORTAR FILLETS	EA	128	\$ 55.00	13.0	\$ 715.00	-	\$ -
53	REMOVE FILTER BASKET/FABRIC	EA	0	\$ 20.00	-	\$ -	-	\$ -
54	ADJ. STORM RESTRICTOR STRUCTURE	EA	0	\$ 400.00	-	\$ -	-	\$ -
55	REMOVE & REPLACE STORM SEWER, 12"	LF	8	\$ 411.00	-	\$ -	-	\$ -
56	CLEAN STORM SEWER	LF	0	\$ 7.75	-	\$ -	-	\$ -
57	DET. BASIN OVERFLOW WEIR INSTALL	LS	0	\$ 6,500.00	-	\$ -	-	\$ -
58	STORM SEWER CL A 1 18"	LF	0	\$ 39.00	-	\$ -	-	\$ -
59	MANHOLE TA 4' DIA T1F CL	EA	0	\$ 1,650.00	-	\$ -	-	\$ -
60	18" FES W/ GRATE	EA	0	\$ 1,400.00	-	\$ -	-	\$ -
61	CONNECT TO EX STORM SEWER (CORE DRILL)	EA	0	\$ 1,700.00	-	\$ -	-	\$ -
62	REMOVE EXISTING 18" FES	EA	0	\$ 100.00	-	\$ -	-	\$ -
63	STORM SEWER REMOVAL 18"	LF	0	\$ 13.00	-	\$ -	-	\$ -
64	TELEVISIONING - STORM	LF	0	\$ 3.65	-	\$ -	-	\$ -
65	REPLACE ADJ RINGS - VALVE VAULT	EA	2	\$ 275.00	-	\$ -	-	\$ -
66	LOCATE & ADJ STRUCT - VALVE VAULT	EA	7	\$ 400.00	-	\$ -	-	\$ -
67	STRUCTURE ADJUST - VALVE VAULT	EA	2	\$ 275.00	-	\$ -	-	\$ -
68	RESET FR & ADJ RINGS - VALVE VAULT	EA	9	\$ 275.00	-	\$ -	-	\$ -
69	RESET FRAME - VALVE VAULT	EA	1	\$ 275.00	-	\$ -	-	\$ -
70	CLEAN STRUCTURE - VALVE VAULT	EA	3	\$ 195.00	-	\$ -	-	\$ -

***BOLD QUANTITIES PER CHANGE ORDER 1**

CHANGE ORDER NO. 2 (BALANCING)
WHISPERING MEADOWS - COMPLETION OF IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
71	REPLACE BROKEN AUX VB - WATER	EA	2	\$ 725.00	1.0	\$ 725.00	-	\$ -
72	ADJ AUX VB TO GRADE - WATER	EA	17	\$ 230.00	-	\$ -	-	\$ -
73	REALIGN AUX VB - WATER	EA	9	\$ 410.00	1.0	\$ 410.00	-	\$ -
74	CLEAN AUX VB OF DEBRIS - WATER	EA	5	\$ 195.00	-	\$ -	-	\$ -
75	REM & REPL BROKEN B-BOX	EA	20	\$ 420.00	-	\$ -	10.0	\$ 4,200.00
76	RAISE FIRE HYDRANT TO GRADE	EA	4	\$ 950.00	-	\$ -	1.0	\$ 950.00
77	LOWER FIRE HYDRANT TO GRADE	EA	2	\$ 1,000.00	-	\$ -	2.0	\$ 2,000.00
78	ROTATE FIRE HYDRANT	EA	3	\$ 130.00	-	\$ -	-	\$ -
79	RESET FIRE HYDRANT - LEANING	EA	2	\$ 1,360.00	-	\$ -	-	\$ -
80	BACKFILL AROUND FIRE HYDRANT	EA	1	\$ 100.00	-	\$ -	-	\$ -
81	REPAINT FIRE HYDRANT	EA	62	\$ 180.00	-	\$ -	-	\$ -
82	TOPSOIL STRIP, STOCKPILE, & REPLACEMENT	LS	0	\$ 10,000.00	-	\$ -	-	\$ -
83	PARKWAY GRADING & RESTORATION	SY	125	\$ 12.50	-	\$ -	125.0	\$ 1,562.50
84	ALLOWANCE - ITEMS ORDERED BY ENGINEER	UNIT	40,000	\$ 1.00	-	\$ -	36,578.8	\$ 36,578.80

MISCELLANEOUS EXTRAS AND CREDITS

AUP 1	SIDEWALK REMOVAL	SF		\$ 1.25	9,271.0	\$ 11,588.75	-	\$ -
AUP 2	5" PCC SIDEWALK	SF		\$ 5.25	8,765.0	\$ 46,016.25	-	\$ -
AUP 3	RESTORATION	SY		\$ 10.00	977.0	\$ 9,770.00	-	\$ -
AUP 4	HMA DRIVEWAY REPAIRS	SF		\$ 5.00	353.9	\$ 1,769.50	-	\$ -

TOTAL ADDITIONS = \$ 103,471.05

TOTAL DEDUCTIONS = \$ (200,474.17)

ORIGINAL CONTRACT PRICE: \$ 1,489,553.11
CURRENT CONTRACT PRICE ADJUSTED BY PREVIOUS CHANGE ORDER(S): \$ 1,114,768.36
AMOUNT OF CURRENT CHANGE ORDER: \$ (97,003.12)
NEW CONTRACT PRICE: \$ 1,017,765.24

***BOLD QUANTITIES PER CHANGE ORDER 1**



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 #8

Tracking Number

PW 2019-68

Agenda Item Summary Memo

Title: Church Street Sanitary Sewer Improvements

Meeting and Date: Public Works Committee – October 15, 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?

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

Date: October 8, 2019
Subject: Church Street Sanitary Sewer 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 **\$54,350.00** for the above referenced project.

Questions Presented:

Should the City approve Change Order No. 1 (Balancing) which would **decrease** the contract amount by \$7,220.83.

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 \$7,220.83

CHANGE ORDER

Order No. 1 (BALANCING)

Date: October 4, 2019

Agreement Date: June 6, 2019

NAME OF PROJECT: Church Street Sanitary Sewer 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: \$54,350.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$54,350.00

The CONTRACT PRICE due to this CHANGE ORDER will be ~~(increased)~~ (decreased) by:
\$ 7,220.83

The new CONTRACT PRICE including this CHANGE ORDER will be: \$47,129.17

Change to CONTRACT TIME:

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

The date for completion of all work will be September 27, 2019

Justification

1-17) 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)
CHURCH STREET SANITARY SEWER IMPROVEMENTS
UNITED CITY OF YORKVILLE

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	TYPE A SANITARY MANHOLE, 4' DIA	EACH	1	\$ 8,500.00	-	\$ -	-	0
2	SANITARY MANHOLE VACUUM TESTING	EACH	1	\$ 1,000.00	-	\$ -	-	\$ -
3	SANITARY SEWER POINT REPAIR, 10"	LF	20	\$ 750.00	-	\$ -	-	\$ -
4	CURED-IN-PLACE LINING, 10"	LF	165	\$ 70.00	-	\$ -	165.0	\$ 11,550.00
5	ABANDON EXISTING SANITARY SEWER, 10"	LF	1	\$ 100.00	-	\$ -	-	\$ -
6	AGGREGATE SHOULDER REMOVAL AND REPLACEMENT	SY	5	\$ 50.00	-	\$ -	2.2	\$ 108.33
7	HOT-MIX ASPHALT PAVEMENT REMOVAL	SY	45	\$ 10.00	5.0	\$ 50.00	-	\$ -
8	HOT-MIX ASPHALT PATCH, SPECIAL	SY	45	\$ 75.00	5.0	\$ 375.00	-	\$ -
9	SIDEWALK REMOVAL AND REPLACEMENT	SF	25	\$ 30.00	15.0	\$ 450.00	-	\$ -
10	DETECTABLE WARNING	SF	10	\$ 25.00	-	\$ -	-	\$ -
11	EXPLORATORY EXCAVATION	EACH	3	\$ 250.00	-	\$ -	3.0	\$ 750.00
12	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL	TON	10	\$ 50.00	-	\$ -	10.0	\$ 500.00
13	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL	TON	10	\$ 20.00	-	\$ -	10.0	\$ 200.00
14	PAVEMENT MARKING, 4"	LF	15	\$ 25.00	-	\$ -	15.0	\$ 375.00
15	RESTORATION	SY	10	\$ 75.00	-	\$ -	10.0	\$ 750.00
16	TRAFFIC CONTROL AND PROTECTION	LSUM	1	\$ 5,550.00	-	\$ -	-	\$ -
17	ALLOWANCE - ITEMS ORDERED BY THE ENGINEER	UNIT	5,000	\$ 1.00	6,137.5	\$ 6,137.50	-	\$ -

TOTAL ADDITIONS = \$ 7,012.50

TOTAL DEDUCTIONS = \$ (14,233.33)

ORIGINAL CONTRACT PRICE: \$ 54,350.00
CURRENT CONTRACT PRICE ADJUSTED BY PREVIOUS CHANGE ORDER(S): \$ 54,350.00
AMOUNT OF CURRENT CHANGE ORDER: \$ (7,220.83)
NEW CONTRACT PRICE: \$ 47,129.17

***BOLD QUANTITIES PER CHANGE ORDER 1**



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 #9

Tracking Number

PW 2019-69

Agenda Item Summary Memo

Title: Road to Better Roads Program – Engineering Agreement

Meeting and Date: Public Works Committee – October 15, 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:



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: October 10, 2019
Subject: Road to Better Roads 2020

Summary

Review of a Road to Better Roads design and construction engineering contract with EEI.

Background

This item was last discussed by the City Council at the September 24, 2019 meeting. At that meeting, the City Council approved the 2020 RTBR plan, which includes repaving a portion of McHugh Road and the entire White Oak subdivision.. Accordingly, EEI has submitted a proposed engineering contract. The contract has a lump sum design engineering amount of \$31,928 and a construction engineering hourly rate estimated amount of \$52,114. These amounts are included in the FY 20 budget.

Recommendation

Staff recommends approval of the professional services agreement with EEI for design and construction engineering on the 2020 RTBR program.

**2020 Road Program
United City of Yorkville, Kendall County, IL
Professional Services Agreement - Design and Construction Engineering**

THIS AGREEMENT, by and between the United City of Yorkville, hereinafter referred to as the "City" or "OWNER" and Engineering Enterprises, Inc. hereinafter referred to as the "Contractor" or "ENGINEER" agrees as follows:

A. Services:

ENGINEER agrees to furnish to the City the following services: The ENGINEER shall provide any and all necessary engineering services to the City as indicated on the included Attachment A. Design engineering for all roadways indicated on Attachment D will be provided; additionally, construction engineering will be provided for all roadways on Attachment D. All Engineering will be in accordance with all City and Illinois Department of Transportation requirements.

B. Term:

Services will be provided beginning on the date of execution of this agreement and continuing, until terminated by either party upon 7 days written notice to the non-terminating party or upon completion of the Services. Upon termination the ENGINEER shall be compensated for all work performed for the City prior to termination.

C. Compensation and maximum amounts due to ENGINEER:

ENGINEER shall receive as compensation for all work and services to be performed herein, an amount based on the Estimate of Level of Effort and Associated Cost included in Attachment B. Design Engineering will be paid for as a Lump Sum in the amount of \$31,928.00 and Construction Engineering will be paid for hourly at the actual rates for services to be performed, currently estimated at \$52,114.00. The hourly rates for this project are shown in Attachment E. All payments will be made according to the Illinois State Prompt Payment Act and not less than once every thirty days.

For outside services provided by other firms or subconsultants, the City shall pay the ENGINEER the invoiced fee to the ENGINEER, plus 10%. Such outside services include, but are not limited to services to be provided by Rubino Engineering, Inc.

D. Changes in Rates of Compensation:

In the event that this contract extends beyond December 31, 2020, the contractor shall provide written notice of any change in the rates specified in Section C hereof (or on any attachments hereto) and said changes shall only be effective on and after January 1st of 2021. In the event that any rate changes do occur, the new effective rates will not affect the established hourly not-to-exceed rate.

E. Ownership of Records and Documents:

ENGINEER agrees that all books and records and other recorded information developed specifically in connection with this agreement shall remain the property of the City. ENGINEER agrees to keep such information confidential and not to disclose or disseminate the information to third parties without the consent of the City. This confidentiality shall not apply to material or information, which would otherwise be subject to public disclosure through the freedom of information act or if already previously disclosed by a third party. Upon termination of this agreement, ENGINEER agrees to return all such materials to the City. The City agrees not to modify any original documents produced by ENGINEER without contractors consent. Modifications of any signed duplicate original document not authorized by ENGINEER will be at OWNER's sole risk and without legal liability to the ENGINEER. Use of any incomplete, unsigned document will, likewise, be at the OWNER's sole risk and without legal liability to the ENGINEER.

F. Governing Law:

This contract shall be governed and construed in accordance with the laws of the State of Illinois. Venue shall be in Kendall County, Illinois.

G. Independent Contractor:

ENGINEER shall have sole control over the manner and means of providing the work and services performed under this agreement. The City's relationship to the ENGINEER under this agreement shall be that of an independent contractor. ENGINEER will not be considered an employee to the City for any purpose.

H. Certifications:

Employment Status: The Contractor certifies that if any of its personnel are an employee of the State of Illinois, they have permission from their employer to perform the service.

Anti-Bribery: The Contractor certifies it is not barred under 30 Illinois Compiled Statutes 500/50-5(a) - (d) from contracting as a result of a conviction for or admission of bribery or attempted bribery of an officer or employee of the State of Illinois or any other state.

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of \$600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

Felony Certification: The Contractor certifies that it is not barred pursuant to 30 Illinois Compiled Statutes 500/50-10 from conducting business with the State of Illinois or any agency as a result of being convicted of a felony.

Barred from Contracting: The Contractor certifies that it has not been barred from contracting as a result of a conviction for bid-rigging or bid rotating under 720 Illinois Compiled Statutes 5/33E or similar law of another state.

Drug Free Workplace: The Contractor certifies that it is in compliance with the Drug Free Workplace Act (30 Illinois Compiled Statutes 580) as of the effective date of this contract. The Drug Free Workplace Act requires, in part, that Contractors, with 25 or more employees certify and agree to take steps to ensure a drug free workplace by informing employees of the dangers of drug abuse, of the availability of any treatment or assistance program, of prohibited activities and of sanctions that will be imposed for violations; and that individuals with contracts certify that they will not engage in the manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract.

Non-Discrimination, Certification, and Equal Employment Opportunity: The Contractor agrees to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is specifically incorporated herein. The Contractor shall comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). The Contractor agrees to incorporate this clause into all subcontracts under this Contract.

International Boycott: The Contractor certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act (30 ILCS 582).

Record Retention and Audits: If 30 Illinois Compiled Statutes 500/20-65 requires the Contractor (and any subcontractors) to maintain, for a period of 3 years after the later of the date of completion of this Contract or the date of final payment under the Contract, all books and records relating to the performance of the Contract and necessary to support amounts charged to the City under the Contract. The Contract and all books and records related to the Contract shall be available for review and audit by the City and the Illinois Auditor General. If this Contract is funded from contract/grant funds provided by the U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal

sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

United States Resident Certification: (This certification must be included in all contracts involving personal services by non-resident aliens and foreign entities in accordance with requirements imposed by the Internal Revenue Services for withholding and reporting federal income taxes.) The Contractor certifies that he/she is a: x United States Citizen Resident Alien Non-Resident Alien. The Internal Revenue Service requires that taxes be withheld on payments made to non resident aliens for the performance of personal services at the rate of 30%.

Tax Payer Certification : Under penalties of perjury, the Contractor certifies that its Federal Tax Payer Identification Number or Social Security Number is (provided separately) and is doing business as a (check one): Individual Real Estate Agent Sole Proprietorship Government Entity Partnership Tax Exempt Organization (IRC 501(a) only) x Corporation Not for Profit Corporation Trust or Estate Medical and Health Care Services Provider Corp.

I. Indemnification:

ENGINEER shall indemnify and hold harmless the City and City's agents, servants, and employees against all loss, damage, and expense which it may sustain or for which it will become liable on account of injury to or death of persons, or on account of damage to or destruction of property resulting from the performance of work under this agreement by ENGINEER or its Subcontractors, or due to or arising in any manner from the wrongful act or negligence of ENGINEER or its Subcontractors of any employee of any of them. In the event that the either party shall bring any suit, cause of action or counterclaim against the other party, the non-prevailing party shall pay to the prevailing party the cost and expenses incurred to answer and/or defend such action, including reasonable attorney fees and court costs. In no event shall the either party indemnify any other party for the consequences of that party's negligence, including failure to follow the ENGINEER's recommendations.

J. Insurance:

The ENGINEER agrees that it has either attached a copy of all required insurance certificates or that said insurance is not required due to the nature and extent of the types of services rendered hereunder. (Not applicable as having been previously supplied)

K. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attachments. Except for those terms included on the attachments, no additional terms are included as a part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any

manner other than by an agreement in writing signed by both parties. In the event that any provisions of this agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties. The list of attachments are as follows:

Attachment A:	Scope of Services
Attachment B:	Estimated Level of Effort and Associated Cost
Attachment C:	Anticipated Project Schedule
Attachment D:	Location Map
Attachment E:	2019 Standard Schedule of Charges

L. Notices:

All notices required to be given under the terms of this agreement shall be given mail, addressed to the parties as follows:

For the City:

City Administrator and City Clerk
United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

For the ENGINEER:

Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove Illinois 60554

Either of the parties may designate in writing from time to time substitute addresses or persons in connection with required notices.

Agreed to this ____ day of _____, 2019.

United City of Yorkville:

Engineering Enterprises, Inc.:

John Purcell
Mayor

Brad Sanderson, P.E.
Vice President

Lisa Pickering
City Clerk

Joseph W. Cwynar, P.E.
Senior Project Manager

**2020 RTBR Program
United City of Yorkville
Kendall County, IL
Professional Services Agreement - Design and Construction Engineering**

Attachment A – Scope of Services

Design Engineering:

- Process required documents with the Illinois Department of Transportation for Motor Fuel Tax Projects including:
 - BLR14230 - Resolution
 - BLR14231 - Municipal Estimate of Maintenance Costs
 - BLR11510 - Preliminary Estimate of Cost
- Conduct site visit(s) to assess condition of existing pavement, curb and gutter, sidewalk, drainage, structures and identify non-compliant sidewalk curb ramps.
- Obtain, review and inventory existing utility, roadway, right-of-way, ownership, soil data, etc.
- Obtain utility information to identify potential conflicts, as necessary.
- Obtain geotechnical site data, consisting of pavement cores taken every 300-500 feet, as necessary.
- Coordinate documentation for CCDD Management of soils, as necessary.
- Coordinate and develop with City Staff the final scope of improvements
- Confirm pavement design and rehabilitation methodology.
- Prepare MFT General Maintenance Section bid package, and ancillary documents, including:
 - BLR12200 – Local Public Agency Formal Contract Proposal
 - BLR12200 A – Schedule of Prices
 - BLR12230 - Bid Bond Form
 - BLR12325 - Apprenticeship Certification
 - BC57 - Affidavit of Availability
 - BLR11310 – Special Provisions
 - BLR12326 – Affidavit of Illinois Business Office
 - Index for Supplemental Specifications and Recurring Special Provisions
 - Check Sheet for Recurring Special Provisions
 - Special Provisions
 - Bureau of Design and Environment Special Provisions/Check sheets
 - Local Roads Special Provisions
 - District Special Provisions
 - Location Map
 - City Provisions & Details
 - Existing/Proposed Typical Sections
 - Highway Standards
 - Prevailing Wage
 - BLR14232 – Municipal Maintenance Operations
 - River Birch Drive (End to End)
 - River Birch Lane (White Oak Way to River Birch Drive)
 - White Oak Way (River Birch Lane to River Birch Lane)
 - Fir Court (Norway Circle to End)
 - Norway Circle (White Oak Way to White Oak Way)
 - Spruce Court (White Oak Way to End)

*2020 RTBR Program
United City of Yorkville
Professional Services Agreement
Design and Construction Engineering
Attachment A - Scope of Services*

- McHugh Road (Countryside Parkway to Kennedy Road)
 - Parking lane along east side of Main Street (just north of Fox Street)
- Coordinate IDOT and City review, including revisions and approval
- Prepare preliminary and final cost estimates
- Assist in bidding, contractor/bid evaluations, contract preparation and additional contract administration as required; facilitate IDOT approval of Contract
- Attend public meetings with Staff to review design progress
- Provide all bid packages in 8 ½" x 11½" format
- Provide planning/design/construction schedule and frequent updates regarding any potential items affecting the schedule

Construction Engineering:

- Attend the Pre-Construction Conference with the Contractor
- Provide resident engineering for on-site observation
- Daily documentation of work tasks and calculation of installed pay items
- Monitor adherence to specifications
- Gather material inspection and coordinate any required testing on behalf of the City
- Provide guidance to the contractor when questions arise during construction
- Prepare/verify payment estimates
- Gather certified payrolls and waivers of lien
- Provide information to residents as required
- Perform punch list inspections, provide follow up inspections and recommend acceptance when appropriate
- Communicate activities with City weekly, or as required based on onsite activities
- Prepare necessary IDOT closeout paperwork
 - BLR13231 – Engineer's Final Payment Estimate
 - BLR13210 – Request for Approval of Change in Plans



ATTACHMENT B - ESTIMATE OF LEVEL OF EFFORT AND ASSOCIATED COST PROFESSIONAL ENGINEERING SERVICES

2020 RTBR PROGRAM
United City of Yorkville

WORK ITEM NO.	WORK ITEM	ENTITY:	ENGINEERING				SURVEYING			DRAFTING		ADMIN.	WORK ITEM HOUR SUMM.	COST PER ITEM
		PROJECT ROLE:	PRINCIPAL IN CHARGE	SENIOR PROJECT MANAGER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	PROJECT MANAGER	SENIOR PROJECT SURVEYOR I	PROJECT TECHNICIAN	CAD MANAGER	SENIOR PROJECT TECHNICIAN	ADMIN.		
		HOURLY RATE:	\$203	\$197	\$153	\$141	\$178	\$153	\$129	\$153	\$141	\$70		
FINAL ENGINEERING														
2.1	Project Management and Administration		6		16								22	\$ 3,666
2.2	Project Meetings (3 meetings)		6		6	6							18	\$ 2,982
2.3	Geotechnical Investigation (Coordination, Field Work, Review Report)				2	4							6	\$ 870
2.4	Analyze/Finalize Roadway Rehabilitation Methods				2	4							6	\$ 870
2.5	Site Review, Identification of Required Improvements				8	24						2	34	\$ 4,748
2.6	Prepare Pre-Final Bid Package/Exhibits- 50%		2		4	20					8		34	\$ 4,966
2.7	Prepare Pre-Final Bid Package/Exhibits - 90%				4	24					8		36	\$ 5,124
2.8	Prepare Engineer's Opinion of Probable Construction Cost - 90%				2	8							10	\$ 1,434
2.9	Submit Bid Package for IDOT Review				2	6							8	\$ 1,152
2.10	Revise and Resubmit Bid Package for IDOT Approval/Advertisement				4	16					4		24	\$ 3,432
2.11	Bidding and Contracting		2		2	12						4	20	\$ 2,684
Final Engineering Subtotal:			16	-	52	124	-	-	-	-	20	6	218	\$ 31,928
CONSTRUCTION ENGINEERING														
3.1	Contract Administration		4		30								34	\$ 5,402
3.2	Construction Layout				30								30	\$ 4,590
3.3	Observation and Documentation		4		270								274	\$ 42,122
Construction Engineering Subtotal:			8	-	330	-	-	-	-	-	-	-	338	\$ 52,114
PROJECT TOTAL:			24	-	382	124	-	-	-	-	20	6	556	84,042

DIRECT EXPENSES	
Printing =	\$ -
CCDD (Rubino) =	\$ 2,000
Geotechnical (Rubino) =	\$ 2,000
Material Testing (Rubino) =	\$ 2,900
DIRECT EXPENSES =	\$ 6,900

LABOR SUMMARY	
Engineering Expenses =	\$ 80,802
Surveying Expenses =	\$ -
Drafting Expenses =	\$ 2,820
Administrative Expenses =	\$ 420
TOTAL LABOR EXPENSES =	\$ 84,042

TOTAL EXPENSES =	\$ 90,942
-------------------------	------------------

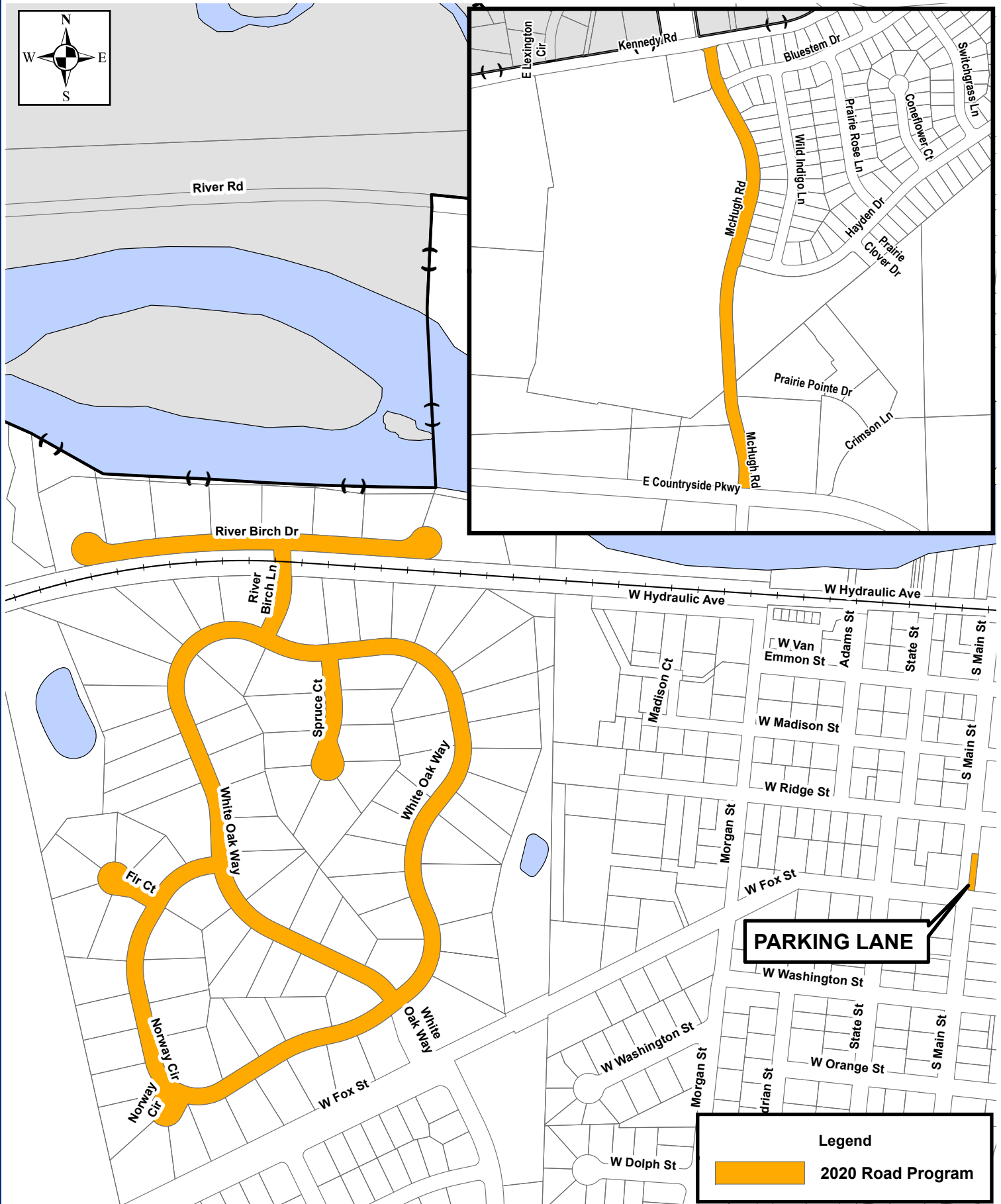
G:\Public\Yorkville\2019\YO1926-P 2020 Road Program\PSA\Attachment B - Fee Estimate.xls\Fee Summary

**ATTACHMENT C:
 ANTICIPATED PROJECT SCHEDULE**
 2020 RTBR PROGRAM
 UNITED CITY OF YORKVILLE

WORK ITEM NO.	WORK ITEM	Year:	2019																2020																																			
		Month:	November				December				January				February				March				April				May				June				July				August				September											
		Week Starting:	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
FINAL DESIGN ENGINEERING																																																						
2.1	Project Management and Administration																																																					
2.2	Project Meetings																																																					
2.3	Geotechnical Investigation (Coordination, Field Work, Review Report)																																																					
2.4	Analyze/Finalize Roadway Rehabilitation Methods																																																					
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2.8	Prepare Engineer's Opinion of Probable Construction Cost - 90%																																																					
2.9	Submit Bid Package for IDOT Review; IDOT Review																																																					
2.10	Revise and Resubmit Bid Package for IDOT Approval/Advertisement																																																					
2.11	Bidding and Contracting																																																					
CONSTRUCTION ENGINEERING																																																						
3.1	Contract Administration																																																					
3.2	Constructing Layout																																																					
3.3	Observation and Documentation																																																					


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Legend			
	Project Management & QC/QA		Preliminary
	Meeting(s)		Design Work Item
	Bidding and Contracting		Construction



PARKING LANE

Legend

 **2020 Road Program**

Engineering Enterprises, Inc.



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



United City of Yorkville

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

DATE: SEPTEMBER 2019
PROJECT NO.: YO1926
BY: MJT
PATH: H:\GIS\PUBLIC\YORKVILLE\2018\18
FILE: YO1926_2020 Road Program.MXD

**ATTACHMENT D
PROPOSED 2020 RTBR PROGRAM
LOCATION MAP**





Standard Schedule of Charges

January 1, 2019

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	\$208.00
Principal	E-3	\$203.00
Senior Project Manager	E-2	\$197.00
Project Manager	E-1	\$178.00
Senior Project Engineer/Planner/Surveyor II	P-6	\$165.00
Senior Project Engineer/Planner/Surveyor I	P-5	\$153.00
Project Engineer/Planner/Surveyor	P-4	\$141.00
Senior Engineer/Planner/Surveyor	P-3	\$129.00
Engineer/Planner/Surveyor	P-2	\$117.00
Associate Engineer/Planner/Surveyor	P-1	\$106.00
Senior Project Technician II	T-6	\$153.00
Senior Project Technician I	T-5	\$141.00
Project Technician	T-4	\$129.00
Senior Technician	T-3	\$117.00
Technician	T-2	\$106.00
Associate Technician	T-1	\$ 93.00
Engineering/Land Surveying Intern	I-1	\$ 84.00
GIS Technician	G-1	\$ 75.00
Administrative Assistant	A-3	\$ 70.00

CREW RATES, VEHICLES AND REPROGRAPHICS

1 Man Field Crew with Standard Survey Equipment	\$168.00
2 Man Field Crew with Standard Survey Equipment	\$262.00
1 Man Field Crew with RTS or GPS *	\$208.00
2 Man Field Crew with RTS or GPS *	\$302.00
Vehicle for Construction Observation	\$15.00
In-House Scanning and Reproduction	\$0.25/Sq. Ft. (Black & White) \$1.00/Sq. Ft. (Color)
Reimbursable Direct Costs & Services by Others	Cost + 10%

*RTS = Robotic Total Station / GPS = Global Positioning System



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 #10

Tracking Number

PW 2019-70

Agenda Item Summary Memo

Title: Briarwood Subdivision Stop Sign Analysis

Meeting and Date: Public Works Committee – October 15, 2019

Synopsis: _____

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: September 20, 2019
Subject: Briarwood Subdivision - Stop Signs

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

- Cornerstone Drive and Wood Sage Avenue
- Wood Sage Avenue and Garden Street
- Greenbriar Road and Cornerstone Drive

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

Guidance:

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

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

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

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

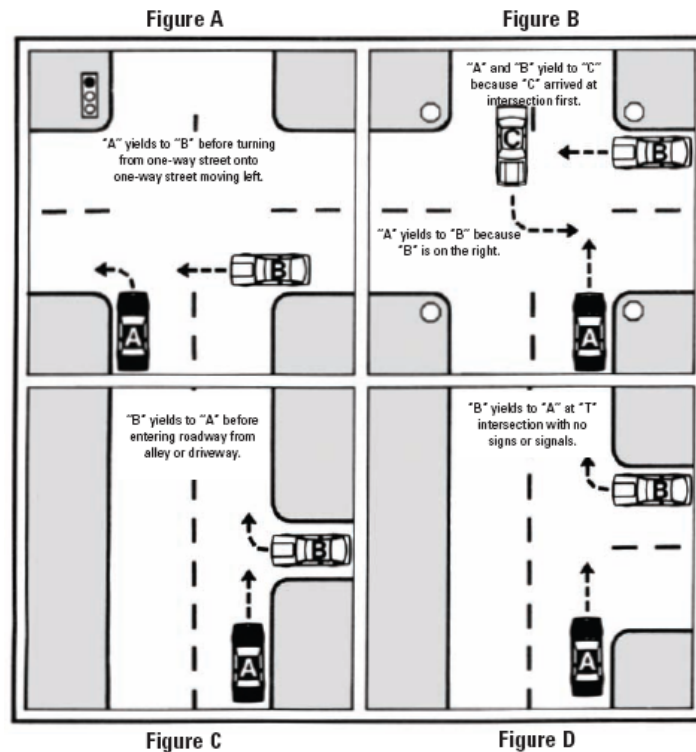
In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

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

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

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

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



Our findings were as follows:

- Currently there is no signage control at any crossings/intersections.
- **Wood Sage Avenue and Cornerstone Drive**
 - The traffic volume appears to be below 2,000 units per day.
 - There are no sight distance constraints.
 - There does not appear to be any accident history.
 - This intersection does not appear to be a good candidate for a stop sign based on the above criteria.
- **Wood Sage Avenue and Garden Street**
 - The traffic volume appears to be below 2,000 units per day.
 - There are no sight distance constraints.
 - There does not appear to be any accident history.
 - This intersection does not appear to be a good candidate for a stop sign based on the above criteria.
- **Greenbriar Road and Cornerstone Drive**
 - The traffic volume appears to be above 2,000 units per day.
 - There are no sight distance constraints.
 - There does not appear to be any accident history.
 - This intersection does appear to be a good candidate for a stop sign based on the above criteria.

**UNITED CITY OF YORKVILLE
TWO WAY YIELD OR STOP
PRELIMINARY ENGINEERING EVALUATION**

Location:

GREENBRIAR RD AND CORNERSTONE DR.

Evaluation Criteria

Guidance: Engineering judgement 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.

<u>Criteria Met</u>			<u>Criteria**</u>
Yes	Additional Study Required	No	
I. YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B. A street entering a designated through highway or street; and/or
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	C. An unsignalized intersection in a signalized area.
II. 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:			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day; <u>(3456 veh/day)</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.

Based on a preliminary review of the criteria for a YIELD or STOP sign the following action is recommended:

- A. ☒ Criteria are clearly met recommending installation of a YIELD or STOP sign (Circle designated sign type)
Designate Location: CORNERSTONE DRIVE
- B. ☐ Criteria are not clearly met at this time - no further action recommended
- C. ☐ Criteria may or may not be met - additional engineering study required

By: Nadic I. Hill

Date: 9/25/19

SR PROJECT ENGINEER I
Title

By: [Signature]

Date: 9/25/19

VICE PRESIDENT
Title

* Based upon Professional Engineer's Review
** Manual on Uniform Traffic Control Devices (MUTCD)



Engineering Enterprises, Inc.

GREENBRIAR ROAD AND CORNERSTONE DRIVE



WEST BOUND LANE LOOKING WEST



WEST BOUND LANE LOOKING NORTH



Engineering Enterprises, Inc.

GREENBRIAR ROAD AND CORNERSTONE DRIVE



SOUTH BOUND LANE LOOKING SOUTH



SOUTH BOUND LANE LOOKING WEST



Engineering Enterprises, Inc.

GREENBRIAR ROAD AND CORNERSTONE DRIVE



SOUTH BOUND LANE LOOKING EAST



EAST BOUND LANE LOOKING NORTH

**UNITED CITY OF YORKVILLE
TWO WAY YIELD OR STOP
PRELIMINARY ENGINEERING EVALUATION**

Location:

WOODSAGE AVE + GARDEN ST

Evaluation Criteria

Guidance: Engineering judgement 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.

<u>Criteria Met</u>		<u>Criteria**</u>
Yes	Additional Study Required	No
I. YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> B. A street entering a designated through highway or street; and/or
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> C. An unsignalized intersection in a signalized area.
II. 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:		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day; <u>(720 veh/day)</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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.

Based on a preliminary review of the criteria for a YIELD or STOP sign the following action is recommended:

- A. ☐ Criteria are clearly met recommending installation of a YIELD or STOP sign (Circle designated sign type)
Designate Location: _____
- B. ☒ Criteria are not clearly met at this time - no further action recommended
- C. ☐ Criteria may or may not be met - additional engineering study required

By: Nadine L. L.

Date: 9/25/19

SR PROJECT ENGINEER I
Title

By: [Signature]
VICE PRESIDENT
Title

Date: 9/25/19

* Based upon Professional Engineer's Review

** Manual on Uniform Traffic Control Devices (MUTCD)



Engineering Enterprises, Inc.

WOOD SAGE AVENUE AND GARDEN STREET



WEST BOUND LANE LOOKING WEST



WEST BOUND LANE LOOKING SOUTH



Engineering Enterprises, Inc.

WOOD SAGE AVENUE AND GARDEN STREET



NORTH BOUND LANE LOOKING
NORTH



NORTH BOUND LANE LOOKING WEST



Engineering Enterprises, Inc.

WOOD SAGE AVENUE AND GARDEN STREET



NORTH BOUND LANE LOOKING EAST



EAST BOUND LANE LOOKING SOUTH

**UNITED CITY OF YORKVILLE
TWO WAY YIELD OR STOP
PRELIMINARY ENGINEERING EVALUATION**

Location:

CORNERSTONE DR + WOOD SAGE AVE

Evaluation Criteria

Guidance: Engineering judgement 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.

<u>Criteria Met</u>		<u>Criteria**</u>
Yes	Additional Study Required	No
I. YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> B. A street entering a designated through highway or street; and/or
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> C. An unsignalized intersection in a signalized area.
II. 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:		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day; <u>(288 veh/day)</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 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.

Based on a preliminary review of the criteria for a YIELD or STOP sign the following action is recommended:

- A. ☐ Criteria are clearly met recommending installation of a YIELD or STOP sign (Circle designated sign type)
Designate Location: _____
- B. ☒ Criteria are not clearly met at this time - no further action recommended
- C. ☐ Criteria may or may not be met - additional engineering study required

By: Nadia L. L.

Date: 9/25/19

SR PROJECT ENGINEER I

Title

By: [Signature]

Date: 9/25/19

VICE PRESIDENT

Title

* Based upon Professional Engineer's Review

** Manual on Uniform Traffic Control Devices (MUTCD)



Engineering Enterprises, Inc.

WOOD SAGE AVENUE AND CORNERSTONE DRIVE



WEST BOUND LANE LOOKING WEST



WEST BOUND LANE LOOKING NORTH



Engineering Enterprises, Inc.

WOOD SAGE AVENUE AND CORNERSTONE DRIVE



SOUTH BOUND LANE LOOKING SOUTH



SOUTH BOUND LANE LOOKING WEST



Engineering Enterprises, Inc.

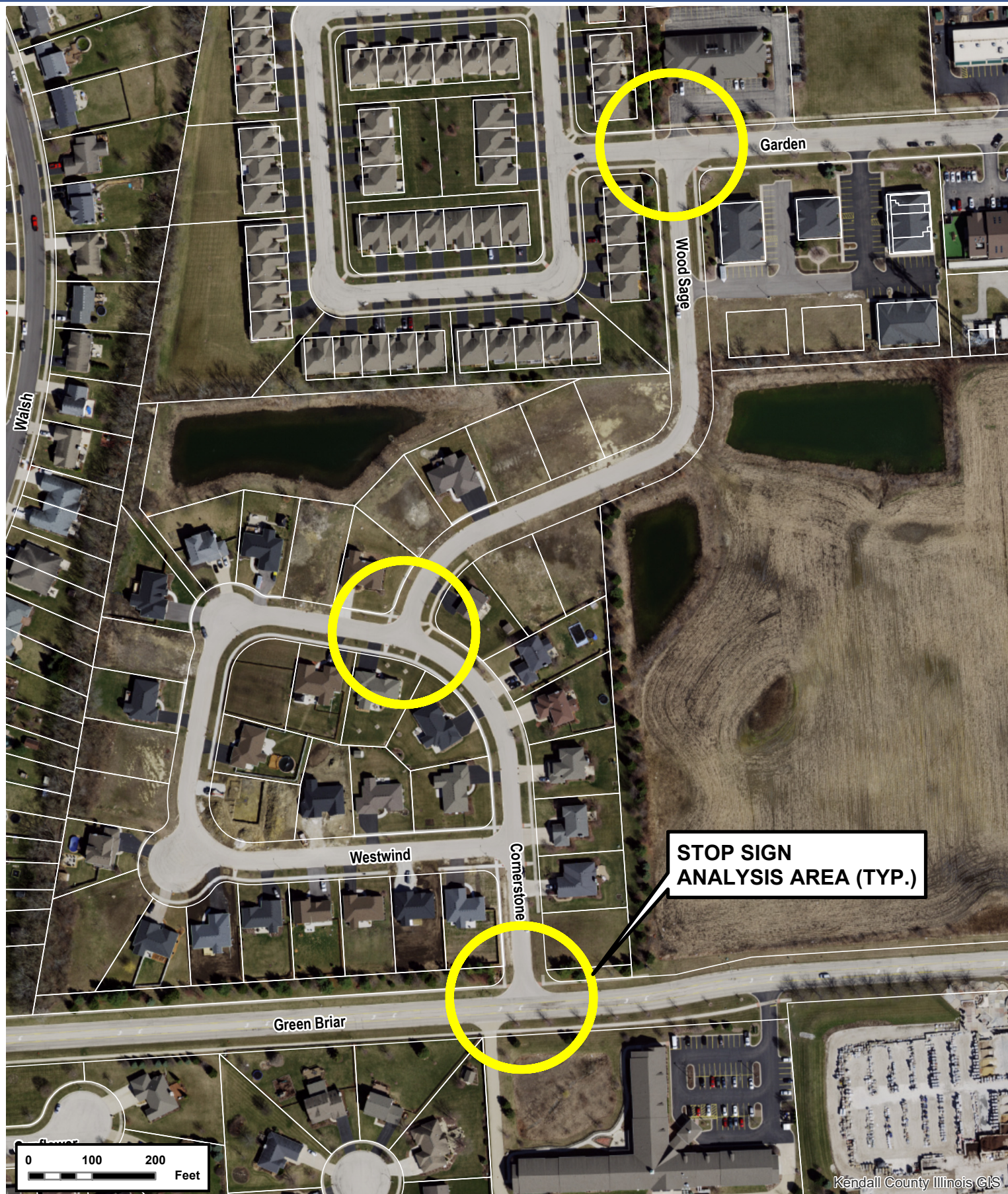
WOOD SAGE AVENUE AND CORNERSTONE DRIVE



SOUTH BOUND LANE LOOKING EAST



EAST BOUND LANE LOOKING NORTH



Engineering Enterprises

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

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

LOCATION OF STOP SIGN ANALYSIS



Ordinance No. 2019-_____

**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) Cornerstone Drive to Stop for Greenbriar Road

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

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

Mayor