



## United City of Yorkville

800 Game Farm Road

Yorkville, Illinois 60560

Telephone: 630-553-4350

[www.yorkville.il.us](http://www.yorkville.il.us)

AGENDA  
**PUBLIC WORKS COMMITTEE MEETING**  
**Tuesday, October 16, 2018**  
**6:00 p.m.**

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

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### **Citizen Comments:**

**Minutes for Correction/Approval:** September 18, 2018

### **New Business:**

1. PW 2018-86 Meeting Schedule for 2019
2. PW 2018-87 Capital Improvement Projects Update
3. PW 2018-88 Bond/LOC Reduction Quarterly Update
4. PW 2018-89 2018 Sanitary Sewer Lining – Change Order No. 2
5. PW 2018-90 Yorkville Christian School – Grant of Easement
6. PW 2018-91 Cedarhurst – Grant of Easement
7. PW 2018-92 Grande Reserve – Grant of Easement
8. PW 2018-93 Prestwick Unit 1 Backup SSA
9. PW 2018-94 Pavement Management – 5 Year Plan
10. PW 2018-95 Capital Improvement Plan – 5 Year Plan
11. PW 2018-96 Budget Amendment for Radio Purchases

### **Old Business:**

### **Additional Business:**

2018/2019 City Council Goals – Public Works Committee		
Goal	Priority	Staff
“Road to Better Roads Funding”	5	Bart Olson, Eric Dhuse & Rob Fredrickson
“Water Planning”	6	Eric Dhuse & Brad Sanderson
“Municipal Building Needs & Planning”	7	Bart Olson, Eric Dhuse, Rob Fredrickson, Tim Evans & Erin Willrett
“Traffic Patrol”	9	Eric Dhuse & Rich Hart
“Whispering Meadows”	10	Bart Olson & Brad Sanderson
“Vehicle Replacement”	12	Bart Olson, Eric Dhuse, Rob Fredrickson, Rich Hart & Tim Evans
“Water Conservation Plan”	14	Eric Dhuse & Brad Sanderson
“Capital Improvement Plan”	16	Eric Dhuse, Rob Fredrickson & Brad Sanderson

UNITED CITY OF YORKVILLE  
WORKSHEET  
**PUBLIC WORKS COMMITTEE**  
**Tuesday, October 16, 2018**  
**6:00 PM**  
CITY HALL CONFERENCE ROOM

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**CITIZEN COMMENTS:**

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**MINUTES FOR CORRECTION/APPROVAL:**

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1. September 18, 2018

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

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**NEW BUSINESS:**

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1. PW 2018-86 Meeting Schedule for 2019

- ☐ Moved forward to CC \_\_\_\_\_ consent agenda?   Y   N
  - ☐ Approved by Committee \_\_\_\_\_
  - ☐ Bring back to Committee \_\_\_\_\_
  - ☐ Informational Item
  - ☐ Notes \_\_\_\_\_
- 
-

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2. PW 2018-87 Capital Improvement Projects Update

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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3. PW 2018-88 Bond/LOC Reduction Quarterly Update

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Notes \_\_\_\_\_

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4. PW 2018-89 2018 Sanitary Sewer Lining – Change Order No. 2

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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5. PW 2018-90 Yorkville Christian School – Grant of Easement

☐ Moved forward to CC \_\_\_\_\_ consent agenda?   Y   N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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6. PW 2018-91 Cedarhurst – Grant of Easement

☐ Moved forward to CC \_\_\_\_\_ consent agenda?   Y   N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Notes \_\_\_\_\_

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7. PW 2018-92 Grande Reserve – Grant of Easement

☐ Moved forward to CC \_\_\_\_\_ consent agenda?   Y   N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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8. PW 2018-93 Prestwick Unit 1 Backup SSA

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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9. PW 2018-94 Pavement Management – 5 Year Plan

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Notes \_\_\_\_\_

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10. PW 2018-95 Capital Improvement Plan – 5 Year Plan

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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11. PW 2018-96 Budget Amendment for Radio Purchases

☐ Moved forward to CC \_\_\_\_\_ consent agenda?    Y    N

☐ Approved by Committee \_\_\_\_\_

☐ Bring back to Committee \_\_\_\_\_

☐ Informational Item

☐ Notes \_\_\_\_\_

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\_\_\_\_\_

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**ADDITIONAL BUSINESS:**

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

Agenda Item Number

Minutes

Tracking Number

### Agenda Item Summary Memo

**Title:** Minutes of the Public Works Committee – September 18, 2018

**Meeting and Date:** Public Works Committee – October 16, 2018

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

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Committee Approval

**Submitted by:** Minute Taker

Name

Department

#### Agenda Item Notes:

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\_\_\_\_\_

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# DRAFT

**UNITED CITY OF YORKVILLE  
PUBLIC WORKS COMMITTEE  
Tuesday, September 18, 2018, 6:00pm  
Yorkville City Hall, Conference Room  
800 Game Farm Road**

**IN ATTENDANCE:**

**Committee Members**

Chairman Joel Frieders  
Alderman Ken Koch

Alderman Seaver Tarulis

Absent: Alderman Jackie Milschewski

**Other City Officials**

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

**Other Guests:**

Bryan Donley, Insite Inc.

The meeting was called to order at 6:00pm by Chairman Joel Frieders.

**Citizen Comments:** None

**Previous Meeting Minutes:** August 21, 2018

The minutes were approved as presented.

**New Business:**

***1. PW 2018-82 Verizon Lease Agreement – 610 Tower Lane***

Mr. Dhuse said this is a standard cell phone antenna lease agreement, however, the antenna will be located around the neck of the tower. The terms are 5 years at \$2,900 monthly with a yearly 3% increase. There will also be three automatic 5-year renewals. Alderman Koch asked about baseballs from the nearby field possibly hitting the tower. Mr. Dhuse said the tower has been hit on occasion. The committee was OK with this request and the matter moves to the consent agenda.

***2. PW 2018-83 Budget Amendment and Purchase of Calcium Chloride and Storage Tank***

Mr. Dhuse said he wishes to purchase calcium chloride liquid and a tank to hold the brine. The product is purchased in bulk and up to 10% of calcium chloride is added to the brine. City Treasurer Fredrickson has drafted a budget amendment to facilitate. The committee approved this action and this item moves to the consent agenda.

### **3. PW 2018-84 Blackberry Woods (Phase B) – Development Status**

Mr. Sanderson reported that the city has two letters of credit on this project and has recently updated a punchlist of many items that has not been completed. He said a considerable amount of sediment has entered the the basin, storm sewer and sanitary sewer. Also, street lights were not installed prior to occupancy. The city has attempted to have the developer complete the work, but with limited success. The developer has not provided schedules the city has requested and consequently staff has recommended issuance of a letter of default to begin the process of calling the letters of credit. The committee was OK with this recommendation and this matter moves to the consent agenda.

### **4. PW 2018-85 Whispering Meadows Units 1, 2 & 4 – Completion of Improvements**

A summary was provided by Mr. Sanderson and he said \$1 million of work is being done. A punchlist was given to the contractor and restoration continues to be an issue. Concrete work, pavement repairs and manhole repairs (groundwater is leaking into manhole) are still needed but, street light repairs were made. Alderman Koch commented that the work was done in a very short time of three weeks. Chairman Frieders thanked Mr. Sanderson for the work that was done. This is an informational item.

### **Old Business:**

Alderman Tarulis said conditions on the bike path have improved and Mr. Dhuse noted that signs have been installed prohibiting motorized vehicles.

### **Additional Business:**

Chairman Frieders asked about having a small area of asphalt put down at the curve on Cannonball where it continually chips. Mr. Dhuse said it would not be practical since cars would speed up and then hit gravel. Mr. Frieders noted small rocks were “sprayed” following a recent accident there.

There was no further business and the meeting was adjourned at 6:12pm.

Minutes respectfully transcribed by  
Marlys Young, Minute Taker



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

Agenda Item Number

New Business #1

Tracking Number

PW 2018-86

### Agenda Item Summary Memo

**Title:** Meeting Schedule for 2019

**Meeting and Date:** Public Works Committee – October 16, 2018

**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:** Lisa Pickering Administration  
Name Department

#### Agenda Item Notes:

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# Memorandum

To: Public Works Committee  
From: Lisa Pickering, Deputy Clerk  
CC: Bart Olson, City Administrator  
Date: October 11, 2018  
Subject: Public Works Committee Meeting Schedule for 2019

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## **Summary**

Proposed 2019 meeting schedule for the Public Works Committee.

## **Meeting Schedule for 2019**

For 2019, 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 15, 2019
- February 19, 2019
- March 19, 2019
- April 16, 2019
- May 21, 2019
- June 18, 2019
- July 16, 2019
- August 20, 2019
- September 17, 2019
- October 15, 2019
- November 19, 2019
- December 17, 2019

## **Recommendation**

Staff recommends review of the proposed meeting dates and time so that a meeting schedule can be finalized for 2019.

# 2019

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		

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 #2

Tracking Number

PW 2018-87

### Agenda Item Summary Memo

**Title:** Capital Project Update

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Status Update

### Council Action Previously Taken:

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

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

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

**Council Action Requested:** None

**Submitted by:** Brad Sanderson  
Name Department

### Agenda Item Notes:

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# Memorandum

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

Date: October 8, 2018  
Subject: Capital Improvement Projects Update

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

## **Construction Projects**

### Whispering Meadows – Completion of Improvements

The project is substantially complete. The contractor is working on the remaining punchlist items.

### Fountain Village – Completion of Improvements

The project is substantially complete.

### 2018 Sanitary Sewer Lining Program

This project is substantially complete.

### Rt 71 Water main and Sanitary Sewer Relocation

IDOT has let the project. Work will begin in the Spring.

### Fox Highlands Water Main Improvements

All water main has been installed. Contractor is working on completing the remaining items.

### Well No. 3 Abandonment

This project is substantially complete.

## **Planning/Design Projects**

### Pavillion Road Streambank Stabilization

Permits have been received. Public works will be investigating ways to reduce costs over the winter. Cooperation with adjacent land owners is required.

### East Orange Street Water Main Improvements

Final design is approximately 80% complete. Permits are applied for. Construction is planned in FY20.

### Mill Road Reconstruction

Final design is approximately 50% complete. Preliminary submittals are expected to be made to BNSF and the private utility companies by 10/15.



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 2018-88

### Agenda Item Summary Memo

**Title:** Bond/LOC Reduction Summary – September 30, 2018

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Informational

#### Council Action Previously Taken:

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

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

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

**Council Action Requested:** Informational

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

#### Agenda Item Notes:

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# Memorandum

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

Date: October 4, 2018  
Subject: 2018 Bond/LOC Reduction Summary – To Date

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Please see the attached reduction summary through September 30, 2018. If you have any questions, please let me know.

## 2018 Bond and Letter of Credit Reduction Report

[illegible]



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

Agenda Item Number

New Business #4

Tracking Number

PW 2018-89

### Agenda Item Summary Memo

**Title:** 2018 Sanitary Sewer Lining Program

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Consideration of Change Order No. 2

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Approval

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

#### Agenda Item Notes:

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# Memorandum

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

Date: September 19, 2018  
Subject: 2018 Sanitary Sewer Lining

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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 Innovative Underground, LLC entered into an agreement for a contract value of **\$102,804.00** for the above referenced project. The value was adjusted via Change Order No. 1 to **\$120,116.50**.

## **Questions Presented:**

Should the City approve Change Order No. 2 which would **decrease** the contract amount by \$9,733.00.

## **Discussion:**

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

We are recommending approval of the change order.

## **Action Required:**

Consideration of approval of Change Order No. 2 in the amount of \$9,733.00.

**CHANGE ORDER NO. 2 (BALANCE)**  
**2018 SANITARY SEWER LINING**  
**UNITED CITY OF YORKVILLE**

ITEM NO.	ITEMS	UNIT	CONTRACT QUANTITY	UNIT PRICE	ADDITIONS		DEDUCTIONS	
					QUANTITY	COST	QUANTITY	COST
1	CURED-IN-PLACE PIPE LINING, 8"	FOOT	3,768	\$ 25.00	0	\$ -	459	\$ 11,475.00
2	CURED-IN-PLACE PIPE LINING, 10"	FOOT	179	\$ 26.00	167	\$ 4,342.00	0	\$ -
3	PROTRUDING TAP REMOVAL	EACH	4	\$ 25.00	0	\$ -	0	\$ -
4	GROUT JOINTS	EACH	10	\$ 25.00	0	\$ -	10	\$ 250.00
5	HEAVY ROOT CLEANING	FOOT	20	\$ 55.00	0	\$ -	20	\$ 1,100.00
6	RAILROAD FLAGGER	LSUM	1	\$ 1,250.00	0	\$ -	1	\$ 1,250.00
7	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	\$ 1,250.00	0	\$ -	0	\$ -

**TOTAL ADDITIONS = \$4,342.00**

**TOTAL DEDUCTIONS = (\$14,075.00)**

ORIGINAL CONTRACT PRICE: \$ 102,804.00

CURRENT CONTRACT PRICE ADJUSTED BY PREVIOUS CHANGE ORDERS: \$ 120,116.50

AMOUNT OF CURRENT CHANGE ORDER: (\$9,733.00)

**NEW CONTRACT PRICE: \$ 110,383.50**



CHANGE ORDER

Order No. 2 (Balancing)

Date: September 18, 2018

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

NAME OF PROJECT: 2018 Sanitary Sewer Lining

OWNER: United City of Yorkville

CONTRACTOR: Innovative Underground, LLC

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. SEE ATTACHED

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$102,804.00

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$120,116.50

The CONTRACT PRICE due to this CHANGE ORDER will be (~~increased~~) (decreased) by: \$ 9,733.00

The new CONTRACT PRICE including this CHANGE ORDER will be: \$110,383.50

Change to CONTRACT TIME:

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

The date for completion of all work will be November 30, 2018

Justification

1-7) Changes per as-built quantities measured in the field.

Approvals Required

Requested by: \_\_\_\_\_ Innovative Underground, LLC

Recommended by: \_\_\_\_\_ Engineering Enterprises, Inc.

Accepted by: \_\_\_\_\_ United City of Yorkville



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 2018-90

### Agenda Item Summary Memo

**Title:** Yorkville Christian School – Grant of Easement

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Consideration of Easement Acceptance

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Acceptance

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

#### Agenda Item Notes:

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# Memorandum

To: Bart Olson, City Administrator  
From: Brad Sanderson, EEI  
CC: Eric Dhuse, Director of Public Works  
Kathy Field-Orr, City Attorney  
Lisa Pickering, Deputy City Clerk  
Date: September 18, 2018  
Subject: Yorkville Christian School – Grant of Easement

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A grant of easement for public utility and drainage purposes and ingress/egress is needed for the development. The easements are necessary as part of the development.

A draft of the easement is attached. We recommend acceptance of the proposed easement.



# PLAT OF EASEMENT

PIN: 05-10-200-007

EASEMENT PARCEL 1:  
A 20 FOOT WIDE EASEMENT OVER THAT PART OF THE NORTHEAST QUARTER OF SECTION 10, TOWNSHIP 36 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A SOUTHWESTERLY CORNER OF LOT 357, IN PRESTWICK OF YORKVILLE UNIT 1, ACCORDING TO THE PLAT THEREOF, RECORDED OCTOBER 31, 2006 AS DOCUMENT 200600035287, SAID CORNER ALSO BEING THE EASTERLY MOST CORNER OF THE WHITEKIRK ROAD RIGHT-OF-WAY, DEDICATED PER SAID PRESTWICK OF YORKVILLE UNIT 1; THENCE SOUTHERLY 165.97 FEET ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A RADIUS OF 333.00 FEET, A CHORD THAT BEARS SOUTH 03 DEGREES 01 MINUTES 57 SECONDS EAST AND A CHORD OF 164.25 FEET TO A POINT OF TANGENCY; THENCE SOUTH 11 DEGREES 14 MINUTES 44 SECONDS WEST, TANGENT TO LAST DESCRIBED CURVE, 129.42 FEET FOR A POINT OF BEGINNING; THENCE SOUTH 78 DEGREES 45 MINUTES 16 SECONDS EAST, 149.95 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 10 DEGREES 58 MINUTES 43 SECONDS WEST, 10.02 FEET TO A POINT OF TANGENCY; THENCE SOUTHERLY 156.86 FEET TO A POINT OF CURVATURE; THENCE SOUTHERLY 321.92 FEET, ALONG A TANGENTIAL CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 467.00 FEET, A CHORD THAT BEARS SOUTH 8 DEGREES 30 MINUTES 10 SECONDS EAST AND A CHORD OF 315.59 FEET TO A POINT OF TANGENCY; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, TANGENT TO THE LAST DESCRIBED CURVE, 126.94 FEET FOR A POINT OF BEGINNING; THENCE NORTH 61 DEGREES 44 MINUTES 57 SECONDS EAST, 150.00 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, 10.00 FEET TO A BEND POINT IN SAID WESTERLY LINE; THENCE SOUTH 27 DEGREES 34 MINUTES 17 SECONDS EAST, 10.00 FEET; THENCE SOUTH 61 DEGREES 44 MINUTES 57 SECONDS WEST, 149.88 FEET; THENCE NORTH 28 DEGREES 15 MINUTES 03 SECONDS WEST, 20.00 FEET TO SAID POINT OF BEGINNING, ALL IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY ILLINOIS AND CONTAINING 0.069 ACRES, MORE OR LESS.

EASEMENT PARCEL 2:  
A 20 FOOT WIDE EASEMENT OVER THAT PART OF THE NORTHEAST QUARTER OF SECTION 10, TOWNSHIP 36 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A SOUTHWESTERLY CORNER OF LOT 357, IN PRESTWICK OF YORKVILLE UNIT 1, ACCORDING TO THE PLAT THEREOF, RECORDED OCTOBER 31, 2006 AS DOCUMENT 200600035287, SAID CORNER ALSO BEING THE EASTERLY MOST CORNER OF THE WHITEKIRK ROAD RIGHT-OF-WAY, DEDICATED PER SAID PRESTWICK OF YORKVILLE UNIT 1; THENCE SOUTHERLY 165.97 FEET, ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A RADIUS OF 333.00 FEET, A CHORD THAT BEARS SOUTH 03 DEGREES 01 MINUTES 57 SECONDS EAST AND A CHORD OF 164.25 FEET TO A POINT OF TANGENCY; THENCE SOUTH 11 DEGREES 14 MINUTES 44 SECONDS WEST, TANGENT TO LAST DESCRIBED CURVE, 129.42 FEET FOR A POINT OF BEGINNING; THENCE SOUTH 78 DEGREES 45 MINUTES 16 SECONDS EAST, 149.95 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 10 DEGREES 58 MINUTES 43 SECONDS WEST, 10.02 FEET TO A POINT OF TANGENCY; THENCE SOUTHERLY 156.86 FEET TO A POINT OF CURVATURE; THENCE SOUTHERLY 321.92 FEET, ALONG A TANGENTIAL CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 467.00 FEET, A CHORD THAT BEARS SOUTH 8 DEGREES 30 MINUTES 10 SECONDS EAST AND A CHORD OF 315.59 FEET TO A POINT OF TANGENCY; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, TANGENT TO THE LAST DESCRIBED CURVE, 126.94 FEET FOR A POINT OF BEGINNING; THENCE NORTH 61 DEGREES 44 MINUTES 57 SECONDS EAST, 150.00 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, 10.00 FEET TO A BEND POINT IN SAID WESTERLY LINE; THENCE SOUTH 27 DEGREES 34 MINUTES 17 SECONDS EAST, 10.00 FEET; THENCE SOUTH 61 DEGREES 44 MINUTES 57 SECONDS WEST, 149.88 FEET; THENCE NORTH 28 DEGREES 15 MINUTES 03 SECONDS WEST, 20.00 FEET TO SAID POINT OF BEGINNING, ALL IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS AND CONTAINING 0.069 ACRES, MORE OR LESS.

EASEMENT PARCEL 3:  
AN EASEMENT OVER THAT PART OF THE NORTHEAST QUARTER AND PART OF THE SOUTHEAST QUARTER OF SECTION 10, TOWNSHIP 36 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: BEGINNING AT A SOUTHWESTERLY CORNER OF LOT 357, IN PRESTWICK OF YORKVILLE UNIT 1, ACCORDING TO THE PLAT THEREOF, RECORDED OCTOBER 31, 2006 AS DOCUMENT 200600035287, SAID CORNER ALSO BEING THE EASTERLY MOST CORNER OF THE WHITEKIRK ROAD RIGHT-OF-WAY, DEDICATED PER SAID PRESTWICK OF YORKVILLE UNIT 1; THENCE SOUTHERLY 165.97 FEET, ALONG A CURVE TO THE RIGHT, SAID CURVE HAVING A RADIUS OF 333.00 FEET, A CHORD THAT BEARS SOUTH 03 DEGREES 01 MINUTES 57 SECONDS EAST AND A CHORD OF 164.25 FEET TO A POINT OF TANGENCY; THENCE SOUTH 11 DEGREES 14 MINUTES 44 SECONDS WEST, TANGENT TO LAST DESCRIBED CURVE, 129.42 FEET FOR A POINT OF BEGINNING; THENCE SOUTH 78 DEGREES 45 MINUTES 16 SECONDS EAST, 149.95 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 10 DEGREES 58 MINUTES 43 SECONDS WEST, 10.02 FEET TO A POINT OF TANGENCY; THENCE SOUTHERLY 156.86 FEET TO A POINT OF CURVATURE; THENCE SOUTHERLY 321.92 FEET, ALONG A TANGENTIAL CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 467.00 FEET, A CHORD THAT BEARS SOUTH 8 DEGREES 30 MINUTES 10 SECONDS EAST AND A CHORD OF 315.59 FEET TO A POINT OF TANGENCY; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, TANGENT TO THE LAST DESCRIBED CURVE, 126.94 FEET FOR A POINT OF BEGINNING; THENCE NORTH 61 DEGREES 44 MINUTES 57 SECONDS EAST, 150.00 FEET TO THE WESTERLY LINE OF SAID LOT 357; THENCE SOUTH 28 DEGREES 15 MINUTES 03 SECONDS EAST, 10.00 FEET TO A BEND POINT IN SAID WESTERLY LINE; THENCE SOUTH 27 DEGREES 34 MINUTES 17 SECONDS EAST, 10.00 FEET; THENCE SOUTH 61 DEGREES 44 MINUTES 57 SECONDS WEST, 149.88 FEET; THENCE NORTH 28 DEGREES 15 MINUTES 03 SECONDS WEST, 20.00 FEET TO SAID POINT OF BEGINNING, ALL IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS AND CONTAINING 0.069 ACRES, MORE OR LESS.

## GRANTOR'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF Kendall ) S.S.

THIS IS TO CERTIFY THAT John & Michelle Stewart IS THE HOLDER OF RECORD TITLE TO THE LAND DESCRIBED HEREIN AND DOES HEREBY GRANT THE EASEMENT HEREON DRAWN FOR THE USES AND PURPOSES HEREON SET FORTH.

DATED THIS 1st DAY OF August, A.D., 2018

BY: John C. Stewart  
Michelle Stewart

## NOTARY CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF Kendall ) S.S.

I, Billie M Marko, A NOTARY PUBLIC IN AND FOR SAID COUNTY, IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT John & Michelle Stewart PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGE THAT THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS 1 DAY OF August, A.D., 2018

Billie M Marko  
NOTARY PUBLIC

OFFICIAL SEAL  
BILLIE M MARKO  
NOTARY PUBLIC, STATE OF ILLINOIS  
My Commission Expires May 9, 2020

## NOTES:

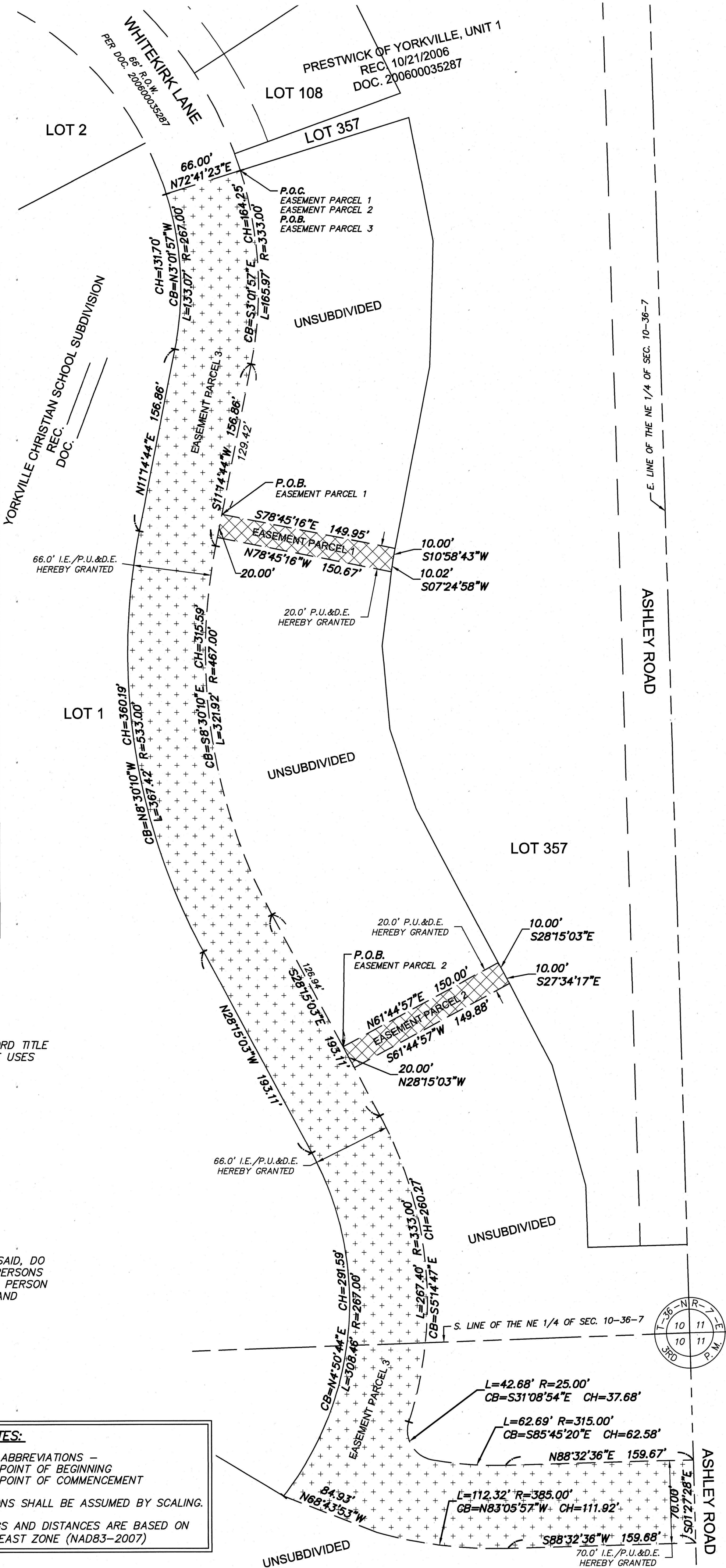
- \* This map was created for use as a Plat of Easement.
- \* This map is not to be used for any construction or staking purposes without consent from a proper agent of HR Green, Inc.
- \* This IS NOT a Plat of Survey. No assumptions or agreements as to ownership, use, or possession can be conveyed from this document.
- \* No underground improvements have been located unless shown and noted.
- \* No distance should be assumed by scaling.
- \* This map is void without original embossed or red colored seal and signature affixed.

7/3/2018 3:04:37 PM

J:\2013\88130135\Survey\Drawings\POE-88130135-YCS\_offsite\_esmts.dwg

## GENERAL NOTES:

1. ANNOTATION ABBREVIATIONS -  
P.O.B. = POINT OF BEGINNING  
P.O.C. = POINT OF COMMENCEMENT
2. NO DIMENSIONS SHALL BE ASSUMED BY SCALING.
3. ALL BEARINGS AND DISTANCES ARE BASED ON IL S.P.C. - EAST ZONE (NAD83-2007)



## RECORDER'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF KENDALL ) S.S.  
THIS INSTRUMENT NO. \_\_\_\_\_ WAS FILED FOR RECORD IN THE  
RECORDER'S OFFICE OF KENDALL COUNTY, ILLINOIS.  
THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ AT \_\_\_\_\_ O'CLOCK \_\_\_\_\_ M.

KENDALL COUNTY RECORDER

## CITY COUNCIL CERTIFICATE

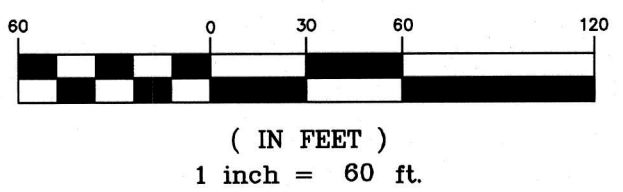
STATE OF ILLINOIS )  
COUNTY OF KENDALL ) S.S.  
APPROVED AND ACCEPTED BY THE MAYOR AND CITY COUNCIL OF THE UNITED CITY OF YORKVILLE,  
ILLINOIS, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_

MAYOR

## HR GREEN CONTACTS:

DAVID W. SCHULTZ P.E., PROJECT MANAGER  
830-753-7560  
BERNARD J. BAUER P.L.S., PROJECT SURVEYOR  
630-753-7560

## GRAPHIC SCALE



## LEGEND

- RIGHT OF WAY LINE
- LOT LINE
- PROPOSED EASEMENT LINE
- [Cross-hatched box] DENOTES PUBLIC UTILITY AND DRAINAGE EASEMENT (P.U.&D.E.) HEREBY GRANTED
- [Dotted box] DENOTES TEMPORARY INGRESS/EGRESS & PUBLIC UTILITY AND DRAINAGE EASEMENT (I.E./P.U.&D.E.) HEREBY GRANTED

## TEMPORARY INGRESS/EGRESS EASEMENT PROVISIONS

THE GRANTOR HEREBY GRANTS TO THE UNITED CITY OF YORKVILLE (CITY) AND THE OWNERS OF LOT 1 IN YORKVILLE CHRISTIAN SCHOOL SUBDIVISION (GRANTEE) AND THEIR SUCCESSORS AND ASSIGNS, AS AN EASEMENT APPURTENANT TO THE GRANTEE PROPERTY, A NON-EXCLUSIVE TEMPORARY ACCESS AND EGRESS EASEMENT. GRANTOR FURTHER GRANTS TO GRANTEE THE RIGHT TO CONSTRUCT A TEMPORARY ACCESS DRIVE WITHIN SAID EASEMENT PREMISES AND ANY NECESSARY UTILITIES TO SERVE THE GRANTEE PROPERTY. THE EASEMENT PREMISES SHALL SERVE TO PROVIDE A MEANS OF ACCESS FOR EMERGENCY VEHICLES TO AND FROM THE GRANTEE PROPERTY TO ASHLEY ROAD. THIS EASEMENT AND THE RIGHTS CREATED HEREIN SHALL TERMINATE IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE CITY OF A PUBLIC ROAD TO BE LOCATED UPON THE EASEMENT PREMISES. OTHER THAN THE CONSTRUCTION OF A TEMPORARY GRAVEL OR BINDER COURSE ACCESS DRIVEWAY FOR THE PURPOSES STATED HEREIN, NO STRUCTURE OR OBSTRUCTION OF A PERMANENT NATURE SHALL BE INSTALLED OR CONSTRUCTED OVER, UNDER OR THROUGH THE EASEMENT PREMISES UNTIL GRANTEE UNDERTAKES CONSTRUCTION OF A PUBLIC ROAD TO BE LOCATED ON THE EASEMENT PREMISES. GRANTEE AGREES THAT ALL WORK PERFORMED IN CONSTRUCTING THE TEMPORARY ACCESS UPON THE EASEMENT PREMISES SHALL BE IN ACCORDANCE WITH PLANS, DESIGN, AND SPECIFICATIONS APPROVED BY THE CITY. GRANTEE, CITY, AND GRANTEE HEREBY ACKNOWLEDGE AND AGREE THAT ALL EMERGENCY VEHICLES, EQUIPMENT AND WORKERS SHALL HAVE UNOBSTRUCTED ACCESS BETWEEN ASHLEY ROAD AND THE GRANTEE PROPERTY UPON THE EASEMENT PREMISES. GRANTEE, ITS SUCCESSORS OR ASSIGNS SHALL MAINTAIN THE ACCESS DRIVE LOCATED UPON THE EASEMENT PREMISES UNTIL SUCH TIME AS THE GRANTEE COMMENCES DEVELOPMENT OF THE GRANTEE PROPERTY. THEREAFTER, THE OBLIGATION OF MAINTAINING THE EASEMENT PREMISES SHALL SHIFT TO THE GRANTEE. ALL MAINTENANCE AND REPAIR OF THE EASEMENT PREMISES SHALL BE MADE SO AS TO INTERFERE AS LITTLE AS PRACTICABLE WITH THE GRANTEE PROPERTY AND THE RIGHTS GRANTED TO THE GRANTEE PURSUANT TO THIS AGREEMENT AND WITH THE OPERATIONS OF GRANTEE OR GRANTEE'S EMPLOYEES, AGENTS, TENANTS, INVITEES OR LICENSEES. ALL PROVISIONS OF THIS AGREEMENT, INCLUDING THE BENEFITS AND BURDENS SET FORTH HEREIN, SHALL RUN WITH THE LAND AND ARE BINDING UPON AND SHALL INURE TO THE BENEFIT OF THE SUCCESSORS AND ASSIGNS OF THE PARTIES HERETO.

## EASEMENT FOR PUBLIC UTILITIES AND DRAINAGE PROVISIONS

A NON-EXCLUSIVE EASEMENT IS HEREBY RESERVED FOR AND GRANTED TO SBC AMERITECH, NICOR, COM ED, COMCAST, OTHER PUBLIC UTILITIES, AND HOLDERS OF EXISTING FRANCHISES GRANTED BY THE CITY OF YORKVILLE, ILLINOIS, AND THEIR RESPECTIVE SUCCESSORS AND ASSIGNS WITHIN THE AREAS SHOWN ON THE PLAT AS "PUBLIC UTILITY & DRAINAGE EASEMENT" (abbreviated P.U. & D.E.) TO CONSTRUCT, INSTALL, RECONSTRUCT, REPAIR, REMOVE, REPLACE, INSPECT, MAINTAIN AND OPERATE UNDERGROUND TRANSMISSION AND DISTRIBUTION SYSTEMS AND LINES UNDER THE SURFACE OF THE "PUBLIC UTILITY & DRAINAGE EASEMENT", INCLUDING WITHOUT LIMITATION TO TELEPHONE CABLE, GAS MAINS, ELECTRIC LINES, CABLE TELEVISION LINES, AND ALL NECESSARY FACILITIES APPURTENANT THERETO, TOGETHER WITH THE RIGHT OF ACCESS THERETO FOR THE PERSONNEL AND EQUIPMENT NECESSARY AND REQUIRED FOR SUCH USES AND PURPOSES AND TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UNDER THE SURFACE OF EACH LOT TO SERVE IMPROVEMENTS THEREON.

A NON-EXCLUSIVE EASEMENT IS ALSO HEREBY RESERVED FOR AND GRANTED TO THE UNITED CITY OF YORKVILLE, ILLINOIS TO CONSTRUCT, INSTALL, RECONSTRUCT, REPAIR, REMOVE, REPLACE AND INSPECT FACILITIES FOR THE TRANSMISSION AND DISTRIBUTION OF WATER, STORM SEWERS, SANITARY SEWERS AND ELECTRICITY, WITHIN THE AREAS SHOWN ON THE PLAT AS "PUBLIC UTILITY & DRAINAGE EASEMENT", TOGETHER WITH A RIGHT OF ACCESS THERETO FOR THE PERSONNEL AND EQUIPMENT NECESSARY AND REQUIRED FOR SUCH USES AND PURPOSES.

THE ABOVE NAMED ENTITIES ARE HEREBY GRANTED THE RIGHT TO ENTER UPON EASEMENTS HEREIN DESCRIBED FOR THE USES HEREIN SET FORTH AND THE RIGHT TO CUT, TRIM, OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS WITHIN THE AREAS DESIGNATED AS "PUBLIC UTILITY AND DRAINAGE EASEMENT" WHICH INTERFERE WITH THE CONSTRUCTION, INSTALLATION, RECONSTRUCTION, REPAIR, REMOVAL, REPLACEMENT, MAINTENANCE AND OPERATION OF THEIR UNDERGROUND TRANSMISSION AND DISTRIBUTION SYSTEMS AND FACILITIES APPURTENANT THERETO. NO PERMANENT BUILDINGS, STRUCTURES, OR OBSTRUCTIONS SHALL BE CONSTRUCTED IN, UPON, OR OVER ANY AREAS DESIGNATED AS "PUBLIC UTILITY & DRAINAGE EASEMENT", BUT SUCH AREAS MAY BE USED FOR GARDENS, SHRUBS, TREES, LANDSCAPING, DRIVEWAYS, AND OTHER RELATED PURPOSES THAT DO NOT UNREASONABLY INTERFERE WITH THE USES HEREIN DESCRIBED.

THE OCCUPATION AND USE OF THE NON-EXCLUSIVE EASEMENT HEREIN GRANTED AND RESERVED FOR THE ABOVE NAMED ENTITIES BY EACH OF SUCH ENTITIES SHALL BE DONE IN SUCH A MANNER SO AS NOT TO INTERFERE WITH OR PRECLUDE THE OCCUPATION AND USE THEREOF BY OTHER ENTITIES FOR WHICH SUCH EASEMENTS ARE GRANTED AND RESERVED. THE CROSSING AND RE-CROSSING OF SAID EASEMENTS BY THE ABOVE NAMED ENTITIES SHALL BE DONE IN SUCH A MANNER SO AS NOT TO INTERFERE WITH, DAMAGE, OR DISTURB ANY TRANSMISSION AND DISTRIBUTION SYSTEMS AND FACILITIES APPURTENANT THERETO EXISTING WITHIN THE EASEMENTS BEING CROSSED OR RE-CROSSED. NO USE OR OCCUPATION OF SAID EASEMENTS BY THE ABOVE NAMED ENTITIES SHALL CAUSE ANY CHANGE IN GRADE OR IMPAIR OR CHANGE THE SURFACE DRAINAGE PATTERNS.

FOLLOWING ANY WORK TO BE PERFORMED BY THE UNITED CITY OF YORKVILLE IN THE EXERCISE OF ITS EASEMENT RIGHTS HEREIN GRANTED, SAID CITY SHALL HAVE NO OBLIGATION WITH RESPECT TO SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO, THE RESTORATION, REPAIR OR REPLACEMENT OF PAVEMENT, CURB, GUTTERS, TREES, LAWN OR SHRUBBERY; PROVIDED, HOWEVER, THAT SAID CITY SHALL BE OBLIGATED, FOLLOWING SUCH MAINTENANCE WORK, TO BACKFILL AND MOUND ALL TRENCH CREATED SO AS TO RETAIN SUITABLE DRAINAGE, TO COLD PATCH ANY ASPHALT OR CONCRETE SURFACE, TO REMOVE ALL EXCESS DEBRIS AND SPOIL, AND TO LEAVE THE MAINTENANCE AREA IN A GENERALLY CLEAN AND WORKMANLIKE CONDITION.

## SURVEYOR'S CERTIFICATION

STATE OF ILLINOIS )  
COUNTY OF KENDALL ) S.S.

I, BERNARD J. BAUER, ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3799, DO HEREBY CERTIFY THAT THE PLAT OF EASEMENT HEREON DRAWN WAS PREPARED USING PREVIOUS SURVEY INFORMATION AND MAPS, PLATS AND OTHER INSTRUMENTS OF RECORD FOR THE USES AND PURPOSES HEREIN SET FORTH, OF THE HEREON DESCRIBED PROPERTY.

DATED AT YORKVILLE, KENDALL COUNTY, ILLINOIS JULY 31ST, A.D. 2018.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003799  
LICENSE EXPIRATION DATE: 11/30/2018

## PLAT OF EASEMENT

OF PART OF THE NORTHEAST 1/4 OF SECTION 10,  
TOWNSHIP 36 NORTH, RANGE 7 EAST OF THE THIRD  
PRINCIPAL MERIDIAN, UNITED CITY OF YORKVILLE,  
KENDALL COUNTY, ILLINOIS

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

DRAWN BY: BJB  
APPROVED: MRF  
JOB DATE: 05/12/2014  
JOB NO: 88130135

SHEET  
1 OF 1

Illinois Professional Design Firm # 184-001322  
6511 Prairie Pointe Drive, Suite 201,  
Yorkville, Illinois 60560  
t 630.553.7560 f 630.553.7646  
www.hrgreen.com







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 2018-91

### Agenda Item Summary Memo

**Title:** Cedarhurst – Grant of Easement

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Consideration of Easement Acceptance

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Acceptance

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

#### Agenda Item Notes:

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# Memorandum

To: Bart Olson, City Administrator  
From: Brad Sanderson, EEI  
CC: Eric Dhuse, Director of Public Works  
Kathy Field-Orr, City Attorney  
Lisa Pickering, Deputy City Clerk  
Date: September 18, 2018  
Subject: Cedarhurst – Grant of Easement

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A grant of easement for public utility and drainage purposes is needed for the Cedarhurst development. The easement will encompass a fire hydrant and water main that will be maintained by the City.

A draft of the easement is attached. We recommend acceptance of the proposed easement.





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 2018-92

### Agenda Item Summary Memo

**Title:** Grande Reserve – Grant of Easement

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Consideration of Easement Acceptance

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Consideration of Acceptance

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

#### Agenda Item Notes:

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# Memorandum

To: Bart Olson, City Administrator  
From: Brad Sanderson, EEI  
CC: Eric Dhuse, Director of Public Works  
Kathy Field-Orr, City Attorney  
Lisa Pickering, Deputy City Clerk  
Date: September 18, 2018  
Subject: Grande Reserve – Grant of Easement

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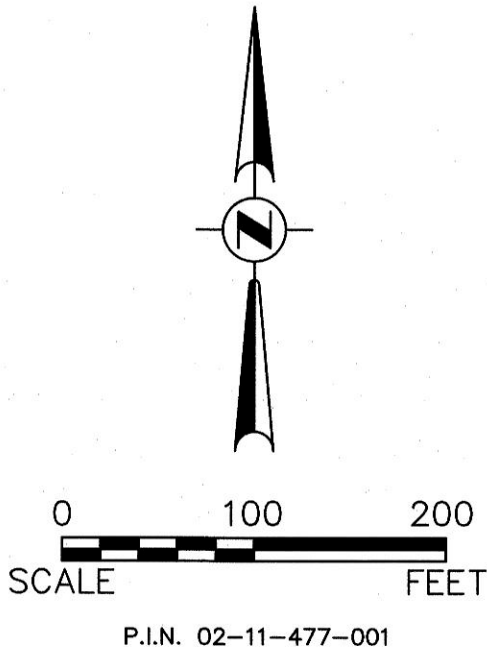
A grant of easement for pedestrian and bike trail purposes is needed for the connection of two existing bike trails. The current provisions for area do not allow for this.

A draft of the easement is attached. We recommend acceptance of the proposed easement.

GRANT OF EASEMENT

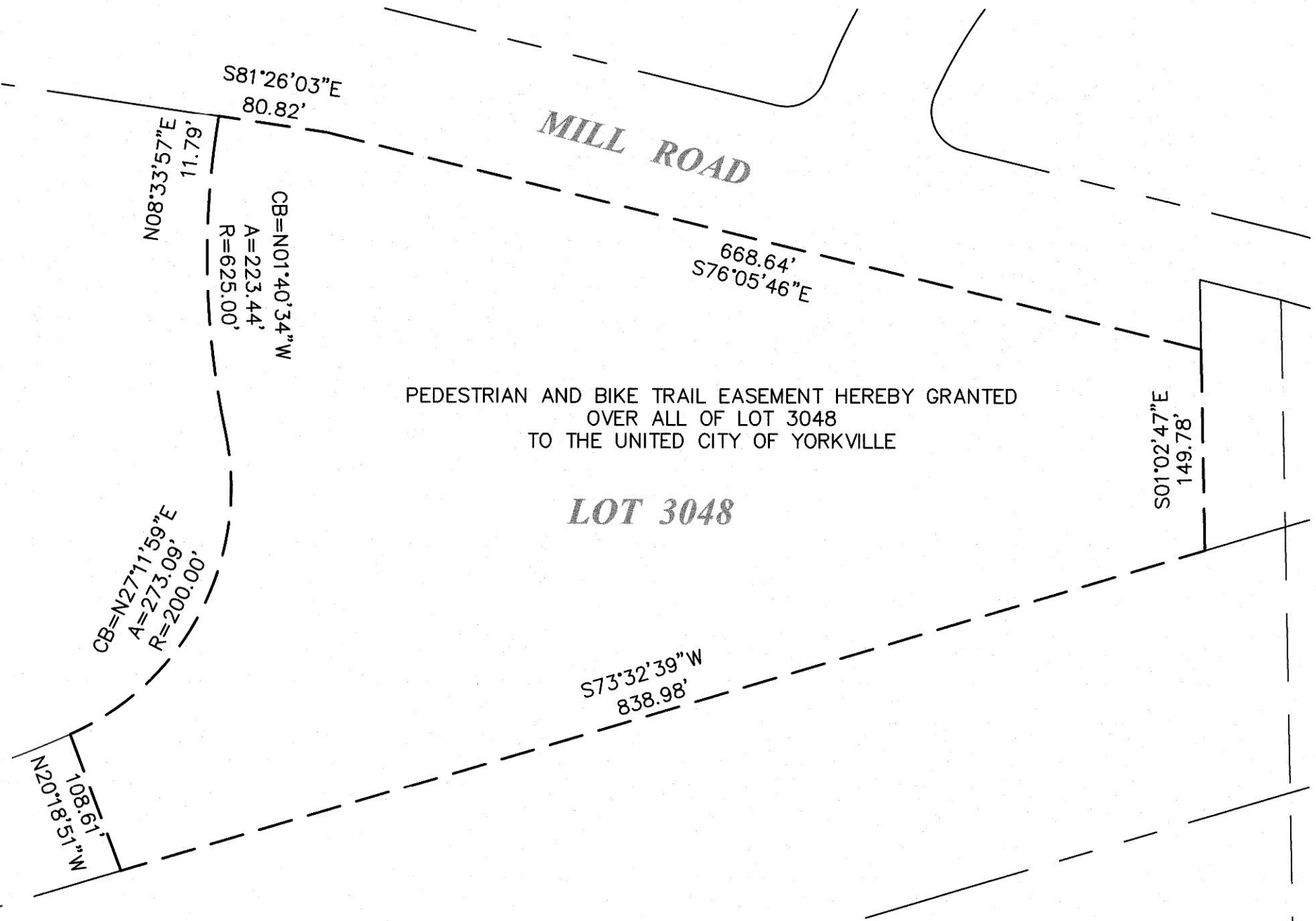
TO THE  
UNITED CITY OF YORKVILLE  
KENDALL COUNTY, ILLINOIS

LOT 3048 IN GRAND RESERVE UNIT 19  
(RECORDED OCTOBER 31, 2006 AS DOC. NO. 200600035288)  
UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS



PEDESTRIAN AND BIKE TRAIL EASEMENT PROVISIONS

THE UNITED CITY OF YORKVILLE, ITS SUCCESSORS, LICENSEES AND ASSIGNS, ARE HEREBY GIVEN EASEMENT RIGHTS OVER ALL OF LOT 3048 IN GRAND RESERVE UNIT 19, TO CONSTRUCT, INSTALL, RECONSTRUCT, REPAIR, REMOVE, REPLACE, INSPECT, MAINTAIN AND OPERATE PEDESTRIAN AND BICYCLE TRAILS, PAVED OR UNPAVED, FOR THE USE AND ENJOYMENT OF THE GENERAL PUBLIC. THE ABOVE NAMED ENTITIES SHALL BE PERPETUALLY RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE PEDESTRIAN AND BICYCLE TRAILS AND ARE HEREBY GRANTED THE RIGHT TO ENTER UPON EASEMENTS HEREIN DESCRIBED FOR THE USES HEREIN SET FORTH AND THE RIGHT TO CUT, TRIM, OR REMOVE ANY TREES, SHRUBS OR OTHER PLANTS WITHIN THE EASEMENT AREAS HEREIN GRANTED WHICH INTERFERE WITH THE CONSTRUCTION, INSTALLATION, RECONSTRUCTION, REPAIR, REMOVAL, REPLACEMENT, INSPECTION, MAINTENANCE AND OPERATION THEREOF.



PEDESTRIAN AND BIKE TRAIL EASEMENT HEREBY GRANTED  
OVER ALL OF LOT 3048  
TO THE UNITED CITY OF YORKVILLE

LOT 3048

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

THIS IS TO CERTIFY THAT GRANDE RESERVE (CHICAGO) ASLI VI LLLP, A DELAWARE CORPORATION, IS THE FEE SIMPLE OWNER OF THE PROPERTY DESCRIBED IN THE FOREGOING SURVEYOR'S CERTIFICATE AND HAS CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED, AND PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES HEREIN SET FORTH AS ALLOWED AND PROVIDED FOR BY STATUTE, AND DOES HEREBY CONSENT TO THE EASEMENT DEPICTED HEREON AND THE EASEMENT PROVISIONS WHICH ARE STATED HEREON.

DATED AT \_\_\_\_\_, \_\_\_\_\_, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2018.

GRANDE RESERVE (CHICAGO) ASLI VI LLLP  
923 NORTH PENNSYLVANIA AVENUE  
WINTER PARK, FLORIDA 32789

BY: \_\_\_\_\_ PRESIDENT \_\_\_\_\_ SECRETARY

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

I, \_\_\_\_\_, A NOTARY PUBLIC IN AND FOR THE COUNTY

AND STATE AFORESAID, DO HEREBY CERTIFY THAT \_\_\_\_\_ AND \_\_\_\_\_ PERSONALLY KNOWN TO ME TO BE THE PRESIDENT AND SECRETARY OF GRANDE RESERVE (CHICAGO) ASLI VI LLLP, AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THERETO AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID CORPORATION, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

NOTARY PUBLIC

STATE OF ILLINOIS)  
COUNTY OF KENDALL)

I, \_\_\_\_\_, CITY ENGINEER FOR THE UNITED CITY OF YORKVILLE, DO HEREBY CERTIFY THAT THIS DOCUMENT IS APPROVED.

DATED AT YORKVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

CITY ENGINEER

STATE OF ILLINOIS)  
COUNTY OF KENDALL)

APPROVED AND ACCEPTED BY THE UNITED CITY OF YORKVILLE, ILLINOIS,  
THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2018.

BY: \_\_\_\_\_ MAYOR

ATTEST: \_\_\_\_\_ CITY CLERK

STATE OF ILLINOIS)  
COUNTY OF KANE)

THIS IS TO CERTIFY THAT ENGINEERING ENTERPRISES, INC. HAS PREPARED THIS GRANT OF EASEMENT AS SHOWN BY THE ANNEXED PLAT WHICH IS A TRUE AND CORRECT REPRESENTATION OF SAID PROPERTY, FOR THE USES AND PURPOSES DESCRIBED HEREIN. ALL DISTANCES SHOWN ARE IN FEET AND DECIMALS THEREOF.

GIVEN UNDER MY HAND AND SEAL AT SUGAR GROVE, ILLINOIS,  
THIS 18TH DAY OF SEPTEMBER, 2018.

By \_\_\_\_\_  
PROFESSIONAL LAND SURVEYOR #3581  
EXP 11/30/48

ENGINEERING ENTERPRISES INC.  
PROFESSIONAL DESIGN FIRM # 184-002003  
EXP 04/30/19



Engineering Enterprises, Inc.  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eeiweb.com

UNITED CITY OF YORKVILLE  
LOT 3048, GRAND RESERVE , UNIT 19  
PEDESTRIAN AND BIKE TRAIL EASEMENT

DATE: AUGUST 16, 2018  
PROJECT NO. Y01214  
FILE NO Y01214-EASE

PAGE 1 OF 1






Imagery ©2018 Google, Map data ©2018 Google 50 ft



Plotted: September 11, 2018 @ 2:01 PM By: Larry Nolen - Tab: PP7 (19) Mill Road 22-34

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**Engineering Enterprises, Inc.**  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eeiweb.com

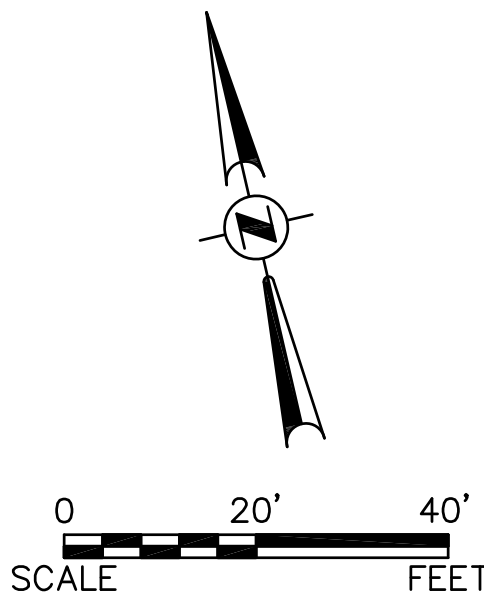
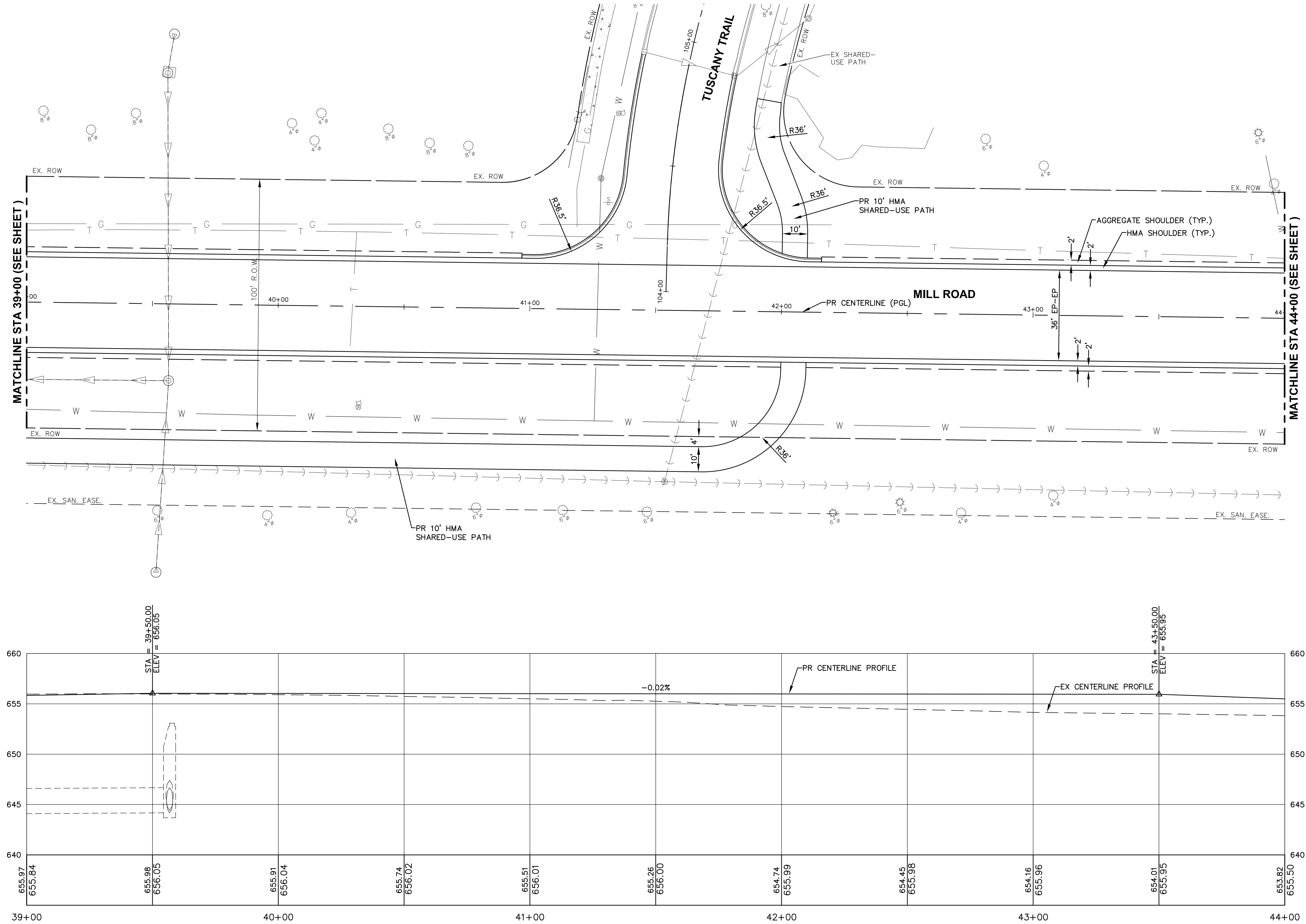
**UNITED CITY OF YORKVILLE**  
**KENDALL COUNTY, ILLINOIS**

NO.	DATE	REVISIONS	

**MILL ROAD RECONSTRUCTION**  
**YORKVILLE, ILLINOIS**

**MILL ROAD**  
**PLAN & PROFILE**  
**STA 39+50 TO STA 44+50**

DATE:	SEPTEMBER 2018
PROJECT NO:	Y01726
FILE:	Y01726-PP
SHEET	19 OF XX



SCALE:  
HORIZONTAL 1" = 20'  
VERTICAL 1" = 5'



Reviewed By:	
Legal	<input checked="" 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 checked="" 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 2018-93

### Agenda Item Summary Memo

**Title:** Prestwick/Highlands at Ashley Pointe Subdivision – Proposed Dormant SSA

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Ordinance for a dormant Special Service Area for the Prestwick Subdivision.

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Approval

**Submitted by:** Krysti Barksdale-Noble, AICP

Community Development

Name

Department

#### Agenda Item Notes:

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

*Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at [agendas@yorkville.il.us](mailto:agendas@yorkville.il.us), post at [www.facebook.com/CityofYorkville](https://www.facebook.com/CityofYorkville), tweet us at @CityofYorkville, and/or contact any of your elected officials at [http://www.yorkville.il.us/gov\\_officials.php](http://www.yorkville.il.us/gov_officials.php)*



# Memorandum

To: Public Works Committee  
From: Krysti Barksdale-Noble, Community Dev. Dir.  
CC: Bart Olson, City Administrator  
Eric Dhuse, Director of Public Works  
Brad Sanderson, EEI  
Date: September 13, 2018  
Subject: **Prestwick/Ashley Pointe Subdivision – Back-up SSA Creation  
Proposed Dormant SSA**

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## **Project Summary**

In September 2018, the City Council approved an estoppel letter for K. Hovnanian Homes clarifying the development obligations for Unit 1 of the Prestwick Subdivision (a.k.a. The Highlands at Ashley Pointe) which should clear the way for future home construction in the stalled subdivision. As part of that recently approved ordinance, the Successor Owners have agreed to the establishment of a dormant, or back-up, Special Service Area (SSA) should the homeowner's association, which has primary responsibility for the common areas, dissolves or fails to adequately maintain them.

The SSA would serve as long term funding source for the maintenance of the various common areas and storm water facilities, and only affects those property owners directly benefiting from such maintenance. A copy of the draft enabling ordinance for the establishment of the Special Service Area is attached for your review. Also in this regard, the property owner is required to grant a separate Plat of Easement for perpetual access to the storm water basin should future maintenance by the City be required. A copy of the draft easement will be presented to the City Council as part of the public hearing process.

## **Proposed Dormant Special Service Area**

As mentioned above, the attached draft ordinance for dormant Special Service Area (SSA) prepared by the City Attorney establishes a backup mechanism for payment for future and continued maintenance and repair of the common area lots that include drainage easement areas, storm water facilities, entry features (signage), perimeter landscaping features and a landscape easement area of the Prestwick/Ashley Pointe Subdivision in the event the homeowner's association fails to do so over the common area of Lots #357, #358, #359, #360, #361, #362 and #363, as illustrated on the attached map.

The SSA will be used to cover the mowing and maintenance of the landscaped areas, entry signage and shall cover storm water facility costs related to (1) the maintenance and care of open spaces, trails, and wetlands including planting, landscaping, removal of debris, and cleanup; (2) the cleaning and dredging of storm water detention and retention ponds and basins, drainage swales and ditches; (3) the maintenance and care, including erosion control of the property surrounding such detention and retention ponds and basins, drainage swales and ditches; (4) the maintenance, repair and replacement of storm sewers, drain tile, pipes and other conduit, and appurtenant structures; and (5) the administrative costs incurred by the City in connection with the above (collectively the "Services") within the Special Service Area in the event the Owners and/or a homeowners association for the Subject Territory have failed to satisfactorily undertake the aforesaid ongoing maintenance, repair and reconstruction in compliance with the ordinances of the City and the Yorkville City Code.

The establishment of a dormant or back-up Special Service Area was anticipated as part of the original annexation agreement approved in 2005 and noted in Article XVI, Sections 16.1 and 16.2 of the attached original Declaration of Covenants, Conditions, Restrictions and Easements for the Highlands at Ashley Pointe Subdivision recorded as Document #200700014390. Should the homeowner's association fail to maintain these common areas and storm water facilities, the individual owners of lots within the Prestwick Subdivision will be levied a tax not to exceed \$1.10 for every \$100.00 of equalized assessed value of the property to be collected via real estate taxes.

### **Staff Comments/Recommendation**

Staff is seeking direction and authorization to schedule the public hearing date for the Special Service Area. Below is the tentative meeting schedule for the proposed dormant SSA approval:

<b>Prestwick SSA Timetable</b>		
<b>Prestwick Unit 1 - Backup SSA</b>		
Ordinance Proposing SSA (Sets the public hearing date)	Public Works	<b>October 16, 2018</b>
Ordinance Proposing SSA	City Council	<b>October 23, 2018</b>
<i>Public Hearing Notice - published on <b>October 25, 2018</b></i> Notice by publication shall be at least once not less than 15 days prior to the hearing. Individual notices to existing property owners via certified mail will also be sent.		
Public Hearing (After the public hearing, 60 day waiting period before we can approve SSA)	City Council	<b>November 13, 2018</b>
<i>60 Day Waiting Period for Objections</i>		
Ordinance Establishing SSA	City Council	<b>January 22, 2019</b>

If direction given is to move forward with the City Council public hearing for November 13, 2018, we anticipate having a notice in the October 25<sup>th</sup> edition of the Beacon Newspaper and individual notices via certified mail will go out the property owners with the Prestwick/Highlands at Ashley Pointe Subdivision that day as well. By State law, final consideration of the ordinance establishing the dormant Special Service Area must occur no sooner than 60 days after the public hearing. Staff tentatively scheduled the January 22, 2019 City Council meeting for the formal vote.



**Legend**

SSA 2019-1

Common Areas



**AN ORDINANCE PROPOSING THE ESTABLISHMENT OF  
SPECIAL SERVICE AREA NUMBER 2019-1  
IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS  
AND PROVIDING FOR OTHER PROCEDURES IN CONNECTION THEREWITH  
(Prestwick aka The Highlands at Ashley Pointe)**

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

**Section 1: Authority.** The United City of Yorkville, Kendall County, Illinois (the “City”) is a duly organized and validly existing non home-rule municipality authorized pursuant to Article VII, Section 7(6) of the Constitution of the State of Illinois, and pursuant to the provisions of the Illinois Special Service Area Tax Law, 35 ILCS 200/27-5 *et seq.* (the “Tax Law”), to levy taxes in order to pay for the provision of special services to areas within the boundaries of the City.

**Section 2: Findings.** The Mayor and City Council of the City finds as follows:

- A. That certain owners of record (the “Owners”) of the real property legally described in Exhibit A, attached hereto and made a part hereof (the “Subject Territory”), have developed property and/or presented plans for a residential development of the Subject Territory and there must be a backup mechanism for payment of any and all costs of continued maintenance, repair and reconstruction of all common areas within the Subject Territory, including, but not limited to, roads, sidewalks, lighting, landscaping, open spaces, trails, and storm water systems located within and serving the Subject Territory, all as hereinafter described; and,
- B. That it is in the public interest that the Mayor and City Council of the City consider the creation of a special service area for the Subject Territory; and,
- C. That the proposed special service area is compact and contiguous; and,
- D. The municipal services to be provided in the event the special service area is established are in addition to the municipal service provided to the City as a whole and the proposed special service area will benefit from the special municipal services to be provided.

**Section 3: Proposal.** The City agrees to proceed to consider the establishment of a special service area for the Subject Territory as Special Service Area 2019-1 for the purpose of payment of the costs of the maintenance of all common areas within the Subject Territory, including, but not limited to, entry signage, sidewalks, lighting, landscaping, open spaces, trails, and storm water systems, in the event that the Owners and/or a homeowners association for the Subject Territory have failed to do so, including (1) the maintenance and care of open spaces, trails, and wetlands including planting, landscaping, removal of debris, and cleanup; (2) the cleaning and dredging of storm water detention and retention ponds and basins, drainage swales and ditches; (3) the maintenance and care, including erosion control of the property surrounding such detention and retention ponds and basins, drainage swales and ditches; (4) the maintenance, repair and replacement of storm sewers, drain tile, pipes and other conduit, and appurtenant

structures; and (5) the administrative costs incurred by the City in connection with the above (collectively the “Services”) within the Special Service Area in the event the Owners and/or a homeowners association for the Subject Territory have failed to satisfactorily undertake the aforesaid ongoing maintenance, repair and reconstruction in compliance with the ordinances of the City and the Yorkville City Code.

**Section 4: Public Hearing.** A public hearing shall be held on November 13, 2018 at 7:00 p.m. at the City municipal building at 800 Game Farm Road, Yorkville, Illinois, to consider the creation of the United City of Yorkville Special Service Area Number 2019-1 in the Subject Territory.

At the hearing, the following method of payment of the special City services to be provided within the proposed special service area will be considered: the levy of a tax by the City on each parcel of property in the proposed special service area, sufficient to produce revenues to provide special municipal services to the proposed special service area; the proposed rate of taxes for the initial year shall not exceed \$1.10 for every \$100.00 of equalized assessed value and the maximum rate of such taxes to be extended in any year within the proposed special service area shall not exceed \$ 1.10 for every \$100.00 of equalized assessed value.

**Section 5: Notice of Public Hearing.** Notice of hearing shall be published at least once not less than fifteen (15) days prior to the public hearing specified in Section 5 above, in a newspaper of general circulation in the City. In addition, notice shall be given by depositing the notice in the United States mail addressed to the person or persons in whose name the general taxes for the last preceding year were paid on each lot, block, tract or parcel of land lying within the proposed special service area. This notice shall be mailed not less than ten (10) days prior to the time set for the public hearing. In the event taxes for the last preceding year were not paid, the notice shall be sent to the person last listed on the tax rolls prior to that year as the taxpayer of record. The notice shall be in substantially the form set forth in *Exhibit B* attached hereto and made a part of this Ordinance.

**Section 6: Effective Date.** This Ordinance shall be in full force and effect from and after its passage and approval in the manner provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this  
\_\_\_\_\_ day of \_\_\_\_\_, 2018.

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

CARLO COLOSIMO \_\_\_\_\_

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

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

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

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

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

SEAVAR TARULIS \_\_\_\_\_

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

Approved by me, as Mayor of the United City of Yorkville, Kendall County, Illinois, this  
\_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
MAYOR

**EXHIBIT A**  
**LEGAL DESCRIPTION AND PROPERTY INDEX NUMBERS**

LOTS 1 THROUGH 108, INCLUSIVE; LOTS 357 THROUGH 363, INCLUSIVE; IN PRESTWICK OF YORKVILLE UNIT 1, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 31, 2006 AS DOCUMENT 200600035287, IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS.

**APPLICABLE PROPERTY IDENTIFICATION NUMBERS (PINs) and COMMON ADDRESSES:**

1	05-03-452-002	1902 Wren Rd, Yorkville, Illinois 60560
2	05-03-452-003	1912 Wren Rd, Yorkville, Illinois 60560
3	05-03-452-004	1922 Wren Rd, Yorkville, Illinois 60560
4	05-10-202-002	1932 Wren Rd, Yorkville, Illinois 60560
5	05-10-202-003	1942 Wren Rd, Yorkville, Illinois 60560
6	05-10-202-004	1952 Wren Rd, Yorkville, Illinois 60560
7	05-10-202-005	1962 Wren Rd, Yorkville, Illinois 60560
8	05-10-202-006	1972 Wren Rd, Yorkville, Illinois 60560
9	05-10-202-007	1503 Montrose Ct, Yorkville, Illinois 60560
10	05-10-202-008	1523 Montrose Ct, Yorkville, Illinois 60560
11	05-10-202-009	1543 Montrose Ct, Yorkville, Illinois 60560
12	05-10-202-010	1563 Montrose Ct, Yorkville, Illinois 60560
13	05-03-451-001	1901 Wren Rd, Yorkville, Illinois 60560
14	05-03-451-002	1911 Wren Rd, Yorkville, Illinois 60560
15	05-03-451-003	1921 Wren Rd, Yorkville, Illinois 60560
16	05-10-201-001	1931 Wren Rd, Yorkville, Illinois 60560
17	05-10-201-002	1941 Wren Rd, Yorkville, Illinois 60560
18	05-10-201-003	1951 Wren Rd, Yorkville, Illinois 60560
19	05-10-201-004	1961 Wren Rd, Yorkville, Illinois 60560
20	05-10-201-005	1971 Wren Rd, Yorkville, Illinois 60560
21	05-10-201-006	1981 Wren Rd, Yorkville, Illinois 60560
22	05-10-201-007	1991 Wren Rd, Yorkville, Illinois 60560
23	05-10-201-008	2001 Wren Rd, Yorkville, Illinois 60560
24	05-10-201-009	2011 Wren Rd, Yorkville, Illinois 60560
25	05-10-201-010	2021 Wren Rd, Yorkville, Illinois 60560
26	05-10-201-011	2031 Wren Rd, Yorkville, Illinois 60560
27	05-10-201-012	2041 Wren Rd, Yorkville, Illinois 60560
28	05-10-201-013	2051 Wren Rd, Yorkville, Illinois 60560
29	05-10-201-014	2061 Wren Rd, Yorkville, Illinois 60560
30	05-10-202-015	2052 Wren Rd, Yorkville, Illinois 60560
31	05-10-202-014	2036 Wren Rd, Yorkville, Illinois 60560
32	05-10-202-013	2020 Wren Rd, Yorkville, Illinois 60560
33	05-10-202-012	2002 Wren Rd or 1504 Montrose Ct, Yorkville, Illinois 60560
34	05-10-202-011	1555 Montrose Ct, Yorkville, Illinois 60560
35	05-10-203-008	2005 Shetland Ct, Yorkville, Illinois 60560
36	05-10-203-007	2009 Shetland Ct, Yorkville, Illinois 60560
37	05-10-203-006	1647 Shetland Ln, Yorkville, Illinois 60560
38	05-10-203-005	1637 Shetland Ln, Yorkville, Illinois 60560

39	05-10-203-004	1627 Shetland Ln, Yorkville, Illinois 60560
40	05-10-203-003	1611 Shetland Ln, Yorkville, Illinois 60560
41	05-10-203-002	1607 Shetland Ln, Yorkville, Illinois 60560
42	05-10-204-001	1604 Shetland Ln, Yorkville, Illinois 60560
43	05-10-204-002	1610 Shetland Ln, Yorkville, Illinois 60560
44	05-10-204-003	1624 Shetland Ln, Yorkville, Illinois 60560
45	05-10-204-004	1634 Shetland Ln, Yorkville, Illinois 60560
46	05-10-204-005	1644 Shetland Ln, Yorkville, Illinois 60560
47	05-10-204-006	1654 Shetland Ln or 2021 Gleneagles Ln, Yorkville, Illinois 60560
48	05-10-204-007	2032 Whitekirk Ln or 2027 Gleneagles Ln, Yorkville, Illinois 60560
49	05-10-204-008	2028 Whitekirk Ln, Yorkville, Illinois 60560
50	05-10-204-009	2024 Whitekirk Ln, Yorkville, Illinois 60560
51	05-10-204-010	2020 Whitekirk Ln, Yorkville, Illinois 60560
52	05-10-204-011	2010 Whitekirk Ln, Yorkville, Illinois 60560
53	05-10-204-012	2004 Whitekirk Ln, Yorkville, Illinois 60560
54	05-10-253-001	1702 Callander Trl, Yorkville, Illinois 60560
55	05-10-253-002	1712 Callander Trl, Yorkville, Illinois 60560
56	05-10-253-003	1722 Callander Trl, Yorkville, Illinois 60560
57	05-10-253-004	1726 Callander Trl, Yorkville, Illinois 60560
58	05-10-253-005	1732 Callander Trl, Yorkville, Illinois 60560
59	05-10-253-006	1736 Callander Trl, Yorkville, Illinois 60560
60	05-10-277-002	1742 Callander Trl, Yorkville, Illinois 60560
61	05-10-277-003	1746 Callander Trl, Yorkville, Illinois 60560
62	05-10-277-004	1752 Callander Trl, Yorkville, Illinois 60560
63	05-10-277-005	1756 Callander Trl, Yorkville, Illinois 60560
64	05-10-277-006	1762 Callander Trl, Yorkville, Illinois 60560
65	05-10-277-007	1776 Callander Trl, Yorkville, Illinois 60560
66	05-10-277-008	1782 Callander Trl or 2081 Whitekirk Ln, Yorkville, Illinois 60560
67	05-10-276-004	1771 Callander Trl or 2071 Whitekirk Ln, Yorkville, Illinois 60560
68	05-10-276-005	1765 Callander Trl, Yorkville, Illinois 60560
69	05-10-276-006	1751 Callander Trl, Yorkville, Illinois 60560
70	05-10-276-007	1735 Callander Trl, Yorkville, Illinois 60560
71	05-10-276-008	1731 Callander Trl, Yorkville, Illinois 60560
72	05-10-252-005	1725 Callander Trl, Yorkville, Illinois 60560
73	05-10-252-004	1721 Callander Trl, Yorkville, Illinois 60560
74	05-10-252-003	1709 Callander Trl or 2021 Whitekirk Ln, Yorkville, Illinois 60560
75	05-10-252-002	2033 Whitekirk Ln, Yorkville, Illinois 60560
76	05-10-252-001	2045 Whitekirk Ln, Yorkville, Illinois 60560
77	05-10-276-001	2051 Whitekirk Ln, Yorkville, Illinois 60560
78	05-10-276-002	2057 Whitekirk Ln, Yorkville, Illinois 60560
79	05-10-276-003	2061 Whitekirk Ln, Yorkville, Illinois 60560
80	05-10-203-009	2002 Shetland Ct, Yorkville, Illinois 60560
81	05-10-203-010	2004 Shetland Ct, Yorkville, Illinois 60560
82	05-10-203-011	2006 Shetland Ct, Yorkville, Illinois 60560
83	05-10-203-012	2010 Shetland Ct, Yorkville, Illinois 60560
84	05-10-203-013	2012 Gleneagles Ln, Yorkville, Illinois 60560
85	05-10-203-014	2022 Gleneagles Ln, Yorkville, Illinois 60560
86	05-10-203-015	2026 Gleneagles Ln, Yorkville, Illinois 60560
87	05-10-203-016	2034 Gleneagles Ln, Yorkville, Illinois 60560
88	05-10-203-017	2042 Whitekirk Ln, Yorkville, Illinois 60560
89	05-10-226-002	2048 Whitekirk Ln, Yorkville, Illinois 60560

90	05-10-226-003	2052 Whitekirk Ln or 2079 Dunbar Ct, Yorkville, Illinois 60560
91	05-10-226-004	2075 Dunbar Ct, Yorkville, Illinois 60560
92	05-10-226-005	2065 Dunbar Ct, Yorkville, Illinois 60560
93	05-10-226-006	2055 Dunbar Ct, Yorkville, Illinois 60560
94	05-10-226-007	2056 Dunbar Ct, Yorkville, Illinois 60560
95	05-10-226-008	2066 Dunbar Ct, Yorkville, Illinois 60560
96	05-10-226-009	2076 Dunbar Ct or 2068 Whitekirk Ln, Yorkville, Illinois 60560
97	05-10-226-010	2072 Whitekirk Ln, Yorkville, Illinois 60560
98	05-10-226-011	2078 Whitekirk Ln, Yorkville Illinois 60560
99	05-10-226-012	2082 Whitekirk Ln or 2087 Aberdeen Ct, Yorkville, Illinois 60560
100	05-10-226-013	2077 Aberdeen Ct, Yorkville, Illinois 60560
101	05-10-226-014	2067 Aberdeen Ct, Yorkville, Illinois 60560
102	05-10-226-015	2068 Aberdeen Ct, Yorkville, Illinois 60560
103	05-10-226-016	2078 Aberdeen Ct, Yorkville, Illinois 60560
104	05-10-226-017	2088 Aberdeen Ct or 2102 Whitekirk Ln, Yorkville, Illinois 60560
105	05-10-226-018	2112 Whitekirk Ln, Yorkville, Illinois 60560
106	05-10-226-019	2122 Whitekirk Ln, Yorkville, Illinois 60560
107	05-10-226-020	2142 Whitekirk Ln, Yorkville, Illinois 60560
108	05-10-226-021	2162 Whitekirk Ln, Yorkville, Illinois 60560
357	05-10-226-023	1955 St. Andrews Drive, Yorkville, Illinois 60560
358	05-10-277-001	2131 Whitekirk Ln, Yorkville, Illinois 60560
359	05-10-251-001	2121 Prestwick Ln, Yorkville, Illinois 60560
360	05-10-204-013	1602 Shetland Ln, Yorkville, Illinois 60560
361	05-10-203-001	1601 Shetland Ln, Yorkville, Illinois 60560
362	05-10-202-001	2072 Wren Rd, Yorkville, Illinois 60560
363	05-10-201-015	2071 Wren Rd, Yorkville, Illinois 60560

## **EXHIBIT B**

### **Notice of Hearing**

#### **United City of Yorkville, Illinois Special Service Area Number 2019-1**

**Notice is Hereby Given** that on November 13, 2018, at 7:00 p.m. in the City Hall building at 800 Game Farm Road, Yorkville, Illinois, a hearing will be held by the United City of Yorkville (the "City") to consider forming a special service area to be called "Special Service Area 2019-1," consisting of the following real property legally described as follows:

LOTS 1 THROUGH 108, INCLUSIVE; LOTS 357 THROUGH 363, INCLUSIVE; IN PRESTWICK OF YORKVILLE UNIT 1, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 31, 2006 AS DOCUMENT 200600035287, IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS.

#### **APPLICABLE PROPERTY IDENTIFICATION NUMBERS (PINs) and COMMON ADDRESSES:**

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9	05-10-202-007	1503 Montrose Ct, Yorkville, Illinois 60560
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16	05-10-201-001	1931 Wren Rd, Yorkville, Illinois 60560
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18	05-10-201-003	1951 Wren Rd, Yorkville, Illinois 60560
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31	05-10-202-014	2036 Wren Rd, Yorkville, Illinois 60560
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35	05-10-203-008	2005 Shetland Ct, Yorkville, Illinois 60560
36	05-10-203-007	2009 Shetland Ct, Yorkville, Illinois 60560
37	05-10-203-006	1647 Shetland Ln, Yorkville, Illinois 60560
38	05-10-203-005	1637 Shetland Ln, Yorkville, Illinois 60560
39	05-10-203-004	1627 Shetland Ln, Yorkville, Illinois 60560
40	05-10-203-003	1611 Shetland Ln, Yorkville, Illinois 60560
41	05-10-203-002	1607 Shetland Ln, Yorkville, Illinois 60560
42	05-10-204-001	1604 Shetland Ln, Yorkville, Illinois 60560
43	05-10-204-002	1610 Shetland Ln, Yorkville, Illinois 60560
44	05-10-204-003	1624 Shetland Ln, Yorkville, Illinois 60560
45	05-10-204-004	1634 Shetland Ln, Yorkville, Illinois 60560
46	05-10-204-005	1644 Shetland Ln, Yorkville, Illinois 60560
47	05-10-204-006	1654 Shetland Ln or 2021 Gleneagles Ln, Yorkville, Illinois 60560
48	05-10-204-007	2032 Whitekirk Ln or 2027 Gleneagles Ln, Yorkville, Illinois 60560
49	05-10-204-008	2028 Whitekirk Ln, Yorkville, Illinois 60560
50	05-10-204-009	2024 Whitekirk Ln, Yorkville, Illinois 60560
51	05-10-204-010	2020 Whitekirk Ln, Yorkville, Illinois 60560
52	05-10-204-011	2010 Whitekirk Ln, Yorkville, Illinois 60560
53	05-10-204-012	2004 Whitekirk Ln, Yorkville, Illinois 60560
54	05-10-253-001	1702 Callander Trl, Yorkville, Illinois 60560
55	05-10-253-002	1712 Callander Trl, Yorkville, Illinois 60560
56	05-10-253-003	1722 Callander Trl, Yorkville, Illinois 60560
57	05-10-253-004	1726 Callander Trl, Yorkville, Illinois 60560
58	05-10-253-005	1732 Callander Trl, Yorkville, Illinois 60560
59	05-10-253-006	1736 Callander Trl, Yorkville, Illinois 60560
60	05-10-277-002	1742 Callander Trl, Yorkville, Illinois 60560
61	05-10-277-003	1746 Callander Trl, Yorkville, Illinois 60560
62	05-10-277-004	1752 Callander Trl, Yorkville, Illinois 60560
63	05-10-277-005	1756 Callander Trl, Yorkville, Illinois 60560
64	05-10-277-006	1762 Callander Trl, Yorkville, Illinois 60560
65	05-10-277-007	1776 Callander Trl, Yorkville, Illinois 60560
66	05-10-277-008	1782 Callander Trl or 2081 Whitekirk Ln, Yorkville, Illinois 60560
67	05-10-276-004	1771 Callander Trl or 2071 Whitekirk Ln, Yorkville, Illinois 60560
68	05-10-276-005	1765 Callander Trl, Yorkville, Illinois 60560
69	05-10-276-006	1751 Callander Trl, Yorkville, Illinois 60560
70	05-10-276-007	1735 Callander Trl, Yorkville, Illinois 60560
71	05-10-276-008	1731 Callander Trl, Yorkville, Illinois 60560
72	05-10-252-005	1725 Callander Trl, Yorkville, Illinois 60560
73	05-10-252-004	1721 Callander Trl, Yorkville, Illinois 60560
74	05-10-252-003	1709 Callander Trl or 2021 Whitekirk Ln, Yorkville, Illinois 60560
75	05-10-252-002	2033 Whitekirk Ln, Yorkville, Illinois 60560
76	05-10-252-001	2045 Whitekirk Ln, Yorkville, Illinois 60560
77	05-10-276-001	2051 Whitekirk Ln, Yorkville, Illinois 60560
78	05-10-276-002	2057 Whitekirk Ln, Yorkville, Illinois 60560
79	05-10-276-003	2061 Whitekirk Ln, Yorkville, Illinois 60560
80	05-10-203-009	2002 Shetland Ct, Yorkville, Illinois 60560



81	05-10-203-010	2004 Shetland Ct, Yorkville, Illinois 60560
82	05-10-203-011	2006 Shetland Ct, Yorkville, Illinois 60560
83	05-10-203-012	2010 Shetland Ct, Yorkville, Illinois 60560
84	05-10-203-013	2012 Gleneagles Ln, Yorkville, Illinois 60560
85	05-10-203-014	2022 Gleneagles Ln, Yorkville, Illinois 60560
86	05-10-203-015	2026 Gleneagles Ln, Yorkville, Illinois 60560
87	05-10-203-016	2034 Gleneagles Ln, Yorkville, Illinois 60560
88	05-10-203-017	2042 Whitekirk Ln, Yorkville, Illinois 60560
89	05-10-226-002	2048 Whitekirk Ln, Yorkville, Illinois 60560
90	05-10-226-003	2052 Whitekirk Ln or 2079 Dunbar Ct, Yorkville, Illinois 60560
91	05-10-226-004	2075 Dunbar Ct, Yorkville, Illinois 60560
92	05-10-226-005	2065 Dunbar Ct, Yorkville, Illinois 60560
93	05-10-226-006	2055 Dunbar Ct, Yorkville, Illinois 60560
94	05-10-226-007	2056 Dunbar Ct, Yorkville, Illinois 60560
95	05-10-226-008	2066 Dunbar Ct, Yorkville, Illinois 60560
96	05-10-226-009	2076 Dunbar Ct or 2068 Whitekirk Ln, Yorkville, Illinois 60560
97	05-10-226-010	2072 Whitekirk Ln, Yorkville, Illinois 60560
98	05-10-226-011	2078 Whitekirk Ln, Yorkville Illinois 60560
99	05-10-226-012	2082 Whitekirk Ln or 2087 Aberdeen Ct, Yorkville, Illinois 60560
100	05-10-226-013	2077 Aberdeen Ct, Yorkville, Illinois 60560
101	05-10-226-014	2067 Aberdeen Ct, Yorkville, Illinois 60560
102	05-10-226-015	2068 Aberdeen Ct, Yorkville, Illinois 60560
103	05-10-226-016	2078 Aberdeen Ct, Yorkville, Illinois 60560
104	05-10-226-017	2088 Aberdeen Ct or 2102 Whitekirk Ln, Yorkville, Illinois 60560
105	05-10-226-018	2112 Whitekirk Ln, Yorkville, Illinois 60560
106	05-10-226-019	2122 Whitekirk Ln, Yorkville, Illinois 60560
107	05-10-226-020	2142 Whitekirk Ln, Yorkville, Illinois 60560
108	05-10-226-021	2162 Whitekirk Ln, Yorkville, Illinois 60560
357	05-10-226-023	1955 St. Andrews Drive, Yorkville, Illinois 60560
358	05-10-277-001	2131 Whitekirk Ln, Yorkville, Illinois 60560
359	05-10-251-001	2121 Prestwick Ln, Yorkville, Illinois 60560
360	05-10-204-013	1602 Shetland Ln, Yorkville, Illinois 60560
361	05-10-203-001	1601 Shetland Ln, Yorkville, Illinois 60560
362	05-10-202-001	2072 Wren Rd, Yorkville, Illinois 60560
363	05-10-201-015	2071 Wren Rd, Yorkville, Illinois 60560

The general purpose of the formation of the Special Service Area 2019-1 is to provide a backup mechanism for payment of any and all costs of continued maintenance, repair and reconstruction of all common areas within the Special Service Area, including, but not limited to, entry signage, sidewalks, lighting, landscaping, open spaces, trails, and storm water systems in the event that the Owners and/or a homeowners association within the Special Service Area have failed to do so. The special governmental services for the Special Service Area may include:

- (1) the maintenance and care of open spaces, trails, and wetlands including planting, landscaping, removal of debris, and cleanup;
- (2) the cleaning and dredging of storm water detention and retention ponds and basins, drainage swales and ditches;
- (3) the maintenance and care, including erosion control of the property surrounding such detention and retention ponds and basins, drainage swales and ditches;

- (4) the maintenance, repair and replacement of storm sewers, drain tile, pipes and other conduit, and appurtenant structures; and
- (5) the administrative costs incurred by the City in connection with the above (collectively, the “Services”) within the Special Service Area.

All interested persons, including all persons owing taxable real property located within Special Service Number 2019-1 will be given an opportunity to be heard and file written objections regarding the formation of and the boundaries of the Special Service Area and may object to the formation of the area and the levy of taxes affecting said area.

It is proposed that to pay for such Services the City shall levy an annual tax not to exceed \$1.10 for every \$100.00 of equalized assessed value of the property in the Special Service Area to pay the annual cost of providing such Services. The proposed amount of the tax levy for the initial year for which taxes will be levied within the special service area will not exceed \$1.10 for every \$100.00 of equalized assessed value. No City Special Service Area bonds will be issued.

At the hearing, all interested persons affected by the formation of such Special Service Area, including all persons owning taxable real estate therein, will be given an opportunity to be heard. The hearing may be adjourned by the Mayor and City Council without notice other than a motion to be entered upon the minutes of its meeting fixing the time and place of its adjournment.

If a petition signed by at least 51% of the electors residing within the Special Service Area and by at least 51% of the owners of record of the land included within the boundaries of the Special Service Area is filed with the City Clerk within sixty (60) days following the final adjournment of the public hearing objecting to the creation of the Special Service Area or the levy of an annual tax in the area, no such area may be created, or no such levy may be made within the next two years.

Dated this \_\_\_\_ day of \_\_\_\_\_, 2018

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CITY CLERK

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

**AN ORDINANCE ESTABLISHING SPECIAL SERVICE AREA NUMBER 2019-1  
IN THE UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS**  
(Prestwick/The Highlands at Ashley Pointe)

**WHEREAS**, the United City of Yorkville, Kendall County, Illinois (the “City”) is a duly organized and validly existing non home-rule municipality authorized pursuant to Article VII of the Constitution of the State of Illinois; and,

**WHEREAS**, pursuant to the provisions of Section 7(6) of Article VII of the 1970 Constitution of the State of Illinois, the City is authorized to create special service areas in and for the City that are further established “in the manner provided by law;” and,

**WHEREAS**, pursuant to the provisions of the Illinois Special Service Area Tax Law, (35 ILCS 200/27-5 *et seq.*) and the Property Tax Code (35 ILCS 200/1-1 *et seq.*) the City may establish special service areas to levy taxes in order to pay for the provision of special services to areas within the boundaries of the City; and,

**WHEREAS**, certain owners of record (“Owners”) of the real property hereinafter described (the “Subject Territory”) that has been developed with single family homes that by City ordinance must provide for a backup mechanism for payment of any and all costs of continued maintenance, repair and reconstruction of all common areas within the Subject Territory, including, but not limited to, roads, sidewalks, lighting, landscaping, open spaces, trails, and storm water systems located within and serving the Subject Territory, all as hereinafter described; and,

**WHEREAS**, it is in the public interest that a special service area be established for the property hereinafter described for the purposes set forth herein and to be known as Special Service Area 2019-1.

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

**Section 1: Establishment.** That it is in the public interest that Special Service Area 2019-1 is hereby established as a special service area for the purposes set forth herein and consisting of the Subject Territory that is legally described and that contains the Property Index Numbers as stated in Exhibit A, attached hereto and made a part hereof by this reference.

**Section 2: Area.** That said Subject Territory area is compact and contiguous and is totally within the corporate limits of the City and an accurate map of the property within Special Service Area 2019-1 is attached hereto and made a part hereof as Exhibit B.

**Section 3: Purpose.** That said Subject Territory will benefit specifically from the municipal services to be provided and that such services are in addition to those municipal

services provided to the City as a whole, and unique and in the best interests of Special Service Area 2019-1. The City's levy of special taxes against said Subject Territory shall be to provide a backup mechanism for payment of any and all costs of continued maintenance, repair and reconstruction of all common areas as shown on Exhibit B within the Special Service Area, including, but not limited to, entry signage, sidewalks, lighting, landscaping, open spaces, trails, and storm water systems in the event that the Owners and/or a homeowners association within the Special Service Area have failed to do so. The special governmental services for the Special Service Area may include:

- (1) the maintenance and care of open spaces, trails, and wetlands including planting, landscaping, removal of debris, and cleanup;
- (2) the cleaning and dredging of storm water detention and retention ponds and basins, drainage swales and ditches;
- (3) the maintenance and care, including erosion control of the property surrounding such detention and retention ponds and basins, drainage swales and ditches;
- (4) the maintenance, repair and replacement of storm sewers, drain tile, pipes and other conduit, and appurtenant structures; and
- (5) the administrative costs incurred by the City in connection with the above (collectively, the "Services") within the Special Service Area.

**Section 5: Hearing.** That a public hearing was held on the 13th day of November, 2018 at 7:00 p.m. at the City municipal building at 800 Game Farm Road, Yorkville, Illinois, to consider the creation of Special Service Area 2019-1 in the Area and to consider the levy of an annual tax as further described in Section 7.

**Section 6: Notice.** Notice of the public hearing, attached hereto as Exhibit C, was published at least once not less than fifteen (15) days prior to the public hearing specified in Section 5 above, in a newspaper of general circulation in the City. In addition, notice was given by depositing the notice in the United States mail addressed to the person or persons in whose name the general taxes for the last preceding year were paid on each lot, block, tract or parcel of land lying within the proposed special service area. This notice was mailed not less than ten (10) days prior to the time set for the public hearing. In the event taxes for the last preceding year were not paid, the notice shall be sent to the person last listed on the tax rolls prior to that year as the taxpayer of record.

**Section 7: Objectors.** That all persons, including all taxpayers of record and persons owning taxable real property located within Special Service Area 2019-1, were heard at the public hearing held on November 13, 2018. That no objections were filed with the City Clerk within sixty (60) days following the final adjournment of the public hearing objecting to the creation of the Special Service Area 2019-1 or the levy of an annual tax in Special Service Area 2019-1.

**Section 7: Tax.** That there shall be levied in such years as the corporate authorities may hereafter determine to be appropriate, a direct annual tax that in the initial year shall not exceed \$1.10 for every \$100.00 of equalized assessed value of property in Special Service Area 2019-1 and the maximum rate of such taxes to be extended in any year within

the Area shall not exceed \$1.10 for every \$100.00 of equalized assessed value to pay the annual cost of providing such special services that shall be in addition to all other taxes permitted by law.

**Section 8: Recording.** The City Clerk shall file within 30 days of the adoption of this ordinance a certified copy of this ordinance, including Exhibits A, B and C with the County Clerk of Kendall County and with the Kendall County Recorder's Office.

**Section 9:** This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form as provided by law.

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

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

CARLO COLOSIMO \_\_\_\_\_

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

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

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

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

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

SEAVAR TARULIS \_\_\_\_\_

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

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

\_\_\_\_\_  
MAYOR



# United City of Yorkville

*County Seat of Kendall County*

800 Game Farm Road

Yorkville, Illinois 60560

Telephone: 630-553-8545

Fax: 630-553-3436

Website: [www.yorkville.il.us](http://www.yorkville.il.us)

October 25, 2018

RE: **Prestwick/Highlands at Ashley Pointe – Public Hearing for Establishing a Dormant (Back up) Special Service Area (SSA)**

Dear Resident:

As the taxpayer of record, you are receiving this letter and the attached notice for a Public Hearing regarding the proposed Prestwick/Highlands at Ashley Pointe Special Service Area (“SSA”) #2019-1, which affects your property. The Yorkville City Council will convene a Public Hearing on **Tuesday, November 13, 2018 at 7:00 PM** in the City Council Chambers at City Hall, 800 Game Farm Road, Yorkville, Illinois to consider forming a backup mechanism for payment of all future costs to maintain the common areas within the Prestwick/Highlands at Ashley Pointe subdivision, such as open spaces, trails, entry signage, landscaping and storm water detention basins, should the established Homeowners Association fails to do so.

Special Service Areas (“SSAs”) are local property tax districts used to provide funding for enhanced services in specific areas within a municipality. These services are in addition to services already provided by the United City of Yorkville and do not replace these City services. Generally, SSAs can be active, meaning assessments are levied on the local property tax bill; or SSAs can be dormant, meaning no assessment is levied on the local property tax bill until such time the specific services are needed to be provided.

The proposed Prestwick/Highlands at Ashley Pointe SSA #2019-1 will be a dormant, or back up, special service area and has already been contemplated in Article IV, Section 9 of the Declaration of Covenants, Conditions, Restrictions and Easements for the The Highlands at Ashley Pointe subdivision recorded on May 2, 2007 as Document #200700014390 with the Kendall County Recorder of Deeds Office.

The specific areas the dormant SSA will provide back-up funding for are those improvements in the common areas of Lots 357, 358, 359, 360, 361, 362 and 363 on the enclosed map. Should the homeowner’s association fail to maintain these common areas and storm water facilities, the individual owners of lots within the Prestwick/Highlands at Ashley Pointe Subdivision will be levied a tax not to exceed \$1.10 for every \$100.00 of equalized assessed value of the property and collected as part of the real estate taxes.

For questions regarding the dormant special service area or the scheduled public hearing process, please contact me directly at 630-553-8573 Monday through Friday between the house of 8:30AM and 4:30 PM, or anytime via email at [knoble@yorkville.il.us](mailto:knoble@yorkville.il.us).

Sincerely,

Krysti J. Barksdale-Noble, AICP  
Community Development Director

Encl.

Cc: Bart Olson, City Administrator (via e-mail)  
Kathleen Field Orr, City Attorney (via e-mail)

DRAFT



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 2018-94

### Agenda Item Summary Memo

**Title:** Pavement Management – 5 Year Plan

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** Consideration of Plan

#### Council Action Previously Taken:

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

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

**Type of Vote Required:** Majority

**Council Action Requested:** Approval of Plan

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

#### Agenda Item Notes:

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

*Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at [agendas@yorkville.il.us](mailto:agendas@yorkville.il.us), post at [www.facebook.com/CityofYorkville](https://www.facebook.com/CityofYorkville), tweet us at @CityofYorkville, and/or contact any of your elected officials at [http://www.yorkville.il.us/gov\\_officials.php](http://www.yorkville.il.us/gov_officials.php)*





To: Bart Olson – City Administrator

From: Brad Sanderson, P.E.

Date: October 10, 2018

**Re: Pavement Management Study Update 2018**

EEI Job #: YO1815

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### **Background**

In April of 2018, the United City of Yorkville contracted with Infrastructure Management Services (IMS) to perform pavement evaluations on all City owned and maintained streets. The purpose of this evaluation was to update the City's existing Pavement Management System, determine the overall condition of the City's streets and to finalize a new five (5)-year plan for the City's annual street rehabilitation program.

The inspection performed by IMS included the following:

- Automated inspection of the entire roadway surface using a laser profile machine
- Electronic analysis and measurement of roadway characteristics
- Falling Weight deflectometer testing to assess the underlying soils and base of each roadway
- Complete GIS integration to City's existing shapefiles

The laser profile machine is used to determine the surface rank and the falling weight deflectometer is used to determine the dynamic and deflection rank for each roadway. These three scores combine to form an overall pavement rank between 10-100. The results of these inspections are entered into the PavePro Manager Software, which yields a database of all City maintained streets. The ranking of each roadway within the system enables the City to develop a strategy for roadway maintenance activities based on prioritization by need and cost. This data is then analyzed in the PavePro Manager software as well as engineering judgement to determine an updated five (5)-year rehabilitation plan.

## **Summary of Results**

A summary of the paving work that has occurred in the City since the last report is summarized below:

<b>Funding Source</b>	<b>Number of Miles</b>
Subdivision Completion (Developer)	24.2
RTBR	12.0
Federal Grants	2.8
Bonds (Countryside)	3.4
Other Funding (Comed, Kendall Co.)	4.0
<b>Total:</b>	<b>46.4</b>

A comparison of the City's roadway condition rankings from the original study to 2018 is summarized below:

	<b>2012</b>	<b>2018</b>
Number of Miles	107	113.5
Unaccepted Miles	25	7.5
Overall Rank	82	87

The completion of over 24 miles of subdivision paving has caused the City's overall rank to be inflated. For a summary of the conditions per category, please see the attached bar graphs.

Currently the City is budgeting approximately \$700,000 of funds per year to spend on street rehabilitation. Spending that amount over the next five (5) years will decrease the City's overall pavement rank from 87 to 82.

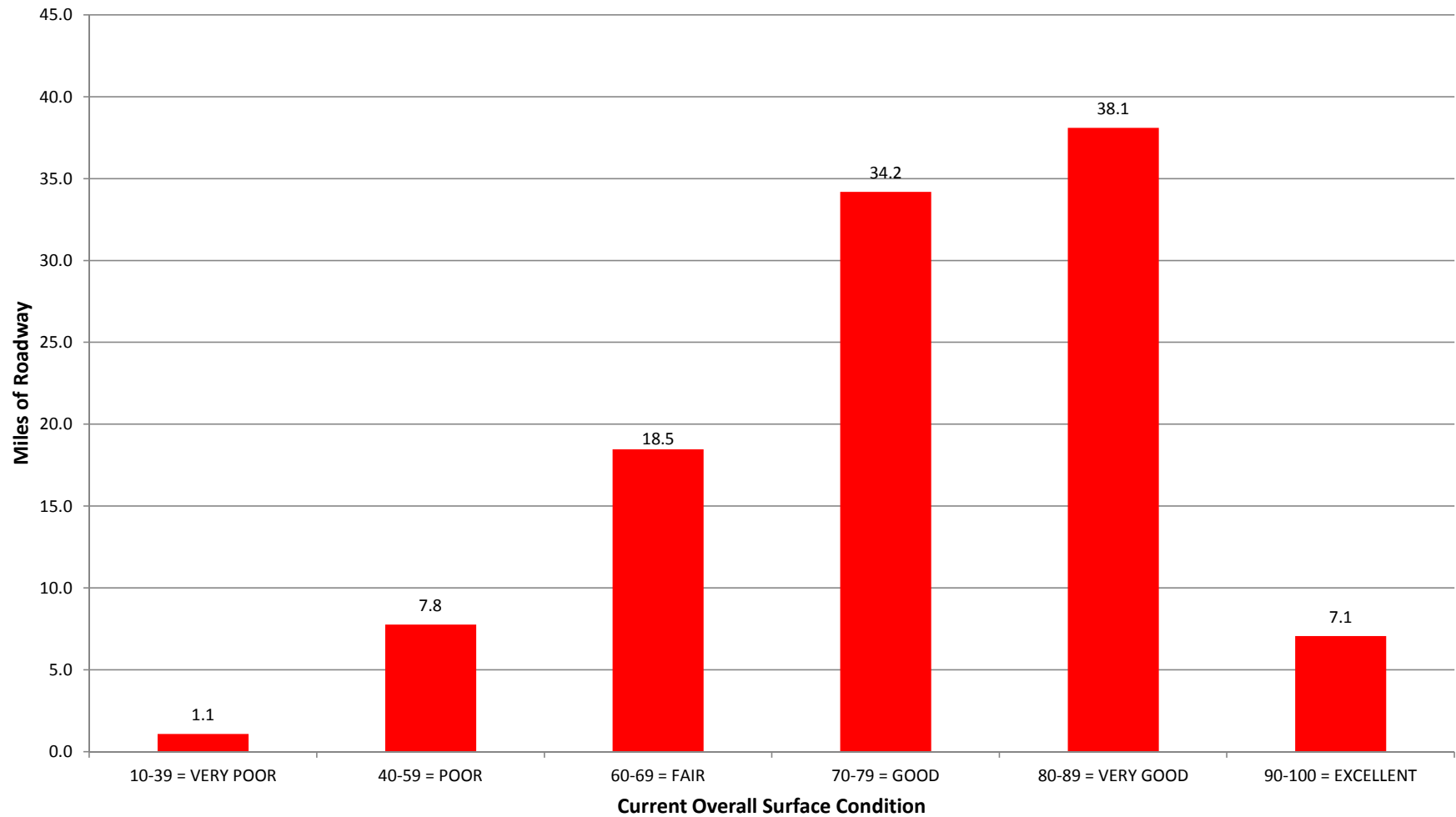
An overall pavement rank of 82 is a reasonable target. It should be noted that if you maintain that same funding level for 10 years the overall pavement rank goes from 87 to 76. The reason for this is that the City currently has over 26 miles of roadways that currently ranked in the fair or worse category and they are projected to require maintenance within the next 10 years. For the City to maintain an overall rank of 80 the average expenditure for the next 10 years would have to be approximately \$1.5 million per year.

Attached to this memo is the proposed five (5)-year plan for the City. The proposed plan does not include the following roadways:

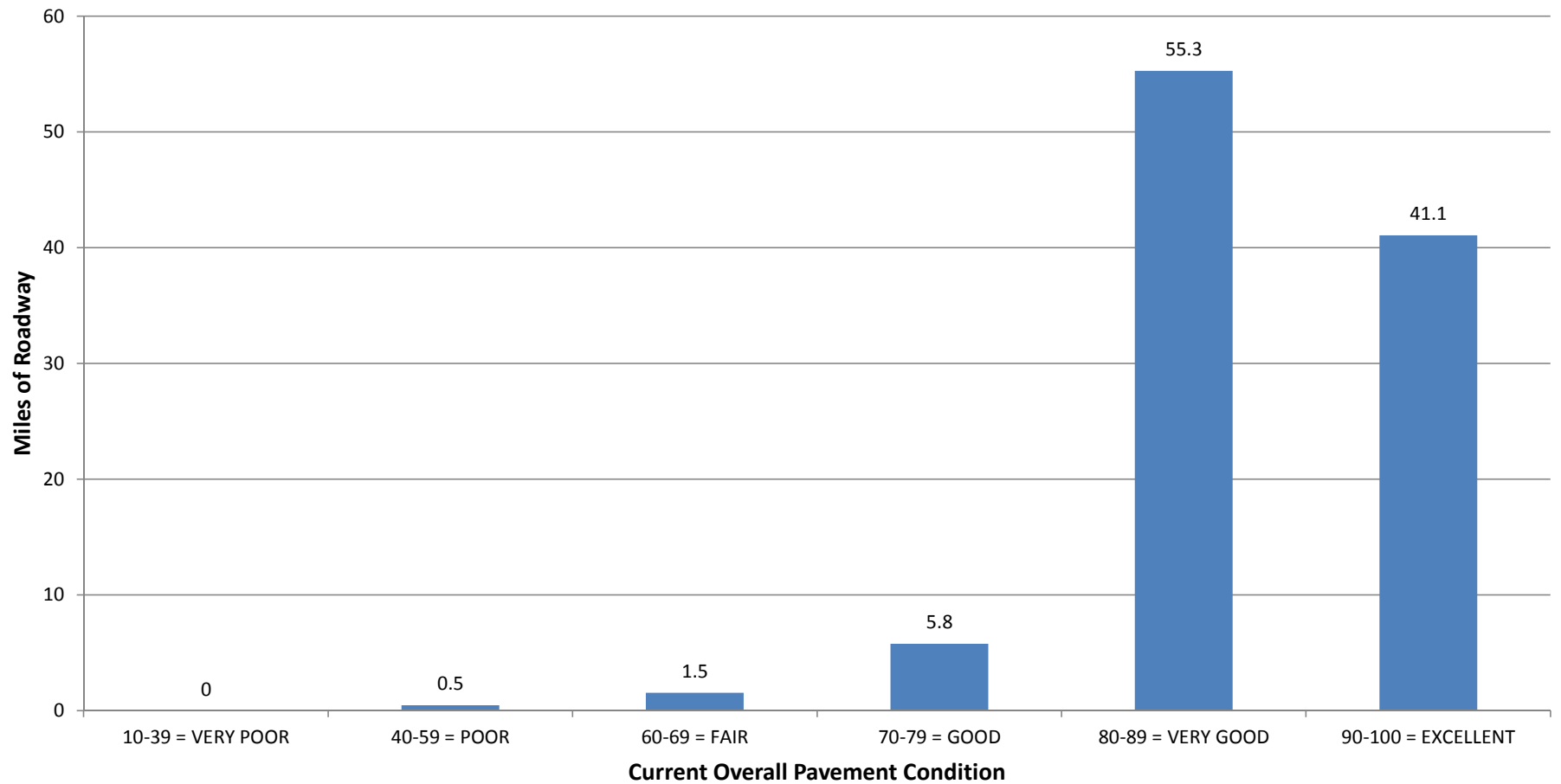
- Mill Road (This project is planned to be addressed with developer funds.)
- Baseline Road (This roadway is one of the lower ranked streets with the City. This road will have to be addressed at some point soon.)
- Corneils Road (This roadway may be addressed via an agreement with Comed.)

Currently, we are asking for general concurrence on the proposed plan. As with past years, we plan to present a new plan every fall for concurrence prior to proceeding with the preparation of a bid package. If the plan is acceptable, we will bring forth a Professional Services Agreement for the FY20 work to the November series of meetings. As with recent programs, we are recommending that design work begin in the fall so that bidding can take place in February/March, which has historically been a prime bidding environment.

**Current Surface Condition Category Breakdown by Mileage**



**Current Overall Pavement Condition Category Breakdown by Mileage**

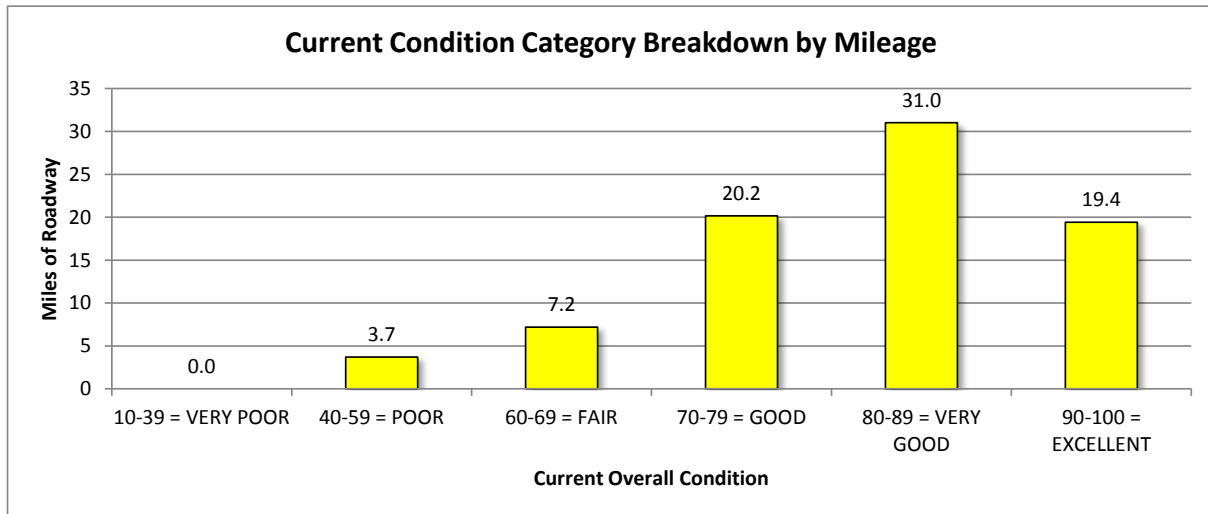


**EXHIBIT C: PAVEMENT EVALUATION RESULTS**  
**UNITED CITY OF YORKVILLE, KENDALL COUNTY, ILLINOIS**  
 FEBRUARY 2013

**C1: CURRENT PAVEMENT CONDITION RANKING - BY LENGTH**

PCI CATEGORY	RANK RANGE	LENGTH (FT)	LENGTH (MILES)	PERCENT OF CITY
EXCELLENT	90-100	102,487	19.4	23.8%
VERY GOOD	80-89	163,751	31.0	38.1%
GOOD	70-79	106,417	20.2	24.7%
FAIR	60-69	37,944	7.2	8.8%
POOR	40-59	19,531	3.7	4.5%
VERY POOR	10-39	0	0.0	0.0%
TOTAL LENGTH		430,130	82	

**C2: CURRENT PAVEMENT CONDITION DISTRIBUTION - BY LENGTH**



**PROPOSED 5 YEAR RTBR PROGRAM**  
**United City of Yorkville**  
**October 2018**

2019 (FY20) STREET REHABILITATION LIST									
STREET	FROM	TO	STRATEGY	LENGTH	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
E. PARK STREET	MCHUGH ROAD	LIBERTY STREET	VARIABLE DEPTH MILL, OVERLAY 3"	1,484	100	63	43	67	\$108,800
ELM STREET	FREEMONT STREET	MCHUGH ROAD	VARIABLE DEPTH MILL, OVERLAY 3"	1,126	100	58	44	65	\$76,200
JACKSON STREET	FREEMONT STREET	MARTIN AVENUE	GRIND 3", OVERLAY 3"	1,129	100	54	40	62	\$78,100
KENNEDY ROAD	IL ROUTE 47	660' EAST OF PRAIRIE MEADOWS	GRIND 2", OVERLAY 2"	4,086	97	98	49	81	\$345,700
MCHUGH ROAD	CITY LIMIT	MARTIN AVENUE	VARIABLE DEPTH MILL, OVERLAY 3"	187	100	100	69	91	\$15,800
MCHUGH ROAD	CITY LIMIT	FARMSTEAD DRIVE	VARIABLE DEPTH MILL, OVERLAY 3"	649	100	90	60	84	\$51,400
SANDERS COURT	E MAIN STREET	NORTH END	GRIND 2", OVERLAY 2"	626	100	41	57	63	\$40,100
MISCELLANEOUS CITY WIDE CRACK SEALING/STRIPING				N/A	N/A	N/A	N/A	N/A	\$25,000
TOTAL:									\$741,100

## ALTERNATIVE STREETS

BASELINE ROAD	CITY LIMIT	CITY LIMIT	GRIND 4", OVERLAY 4"	5,750	100	63	40	61	\$470,600
BASELINE ROAD	IL ROUTE 47	CITY LIMIT	GRIND 3", OVERLAY 3"	1,484	100	90	45	78	\$99,200
CORNEILS ROAD	ELDAMAIN ROAD	CITY LIMITS	GRIND 1", OVERLAY 3"	3,300	100	69	64	77	\$185,200
<b>TOTAL:</b>									\$755,000

**PROPOSED 5 YEAR RTBR PROGRAM**  
**United City of Yorkville**  
**October 2018**

2020 (FY21) STREET REHABILITATION LIST									
STREET	FROM	TO	STRATEGY	LENGTH	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
MCHUGH ROAD	KENNEDY ROAD	E. COUNTRYSIDE PARKWAY	GRIND 2", OVERLAY 2"	3,014	100	94	67	88	\$223,000
RIVER BIRCH DRIVE	EAST END	WEST END	GRIND 2.5", OVERLAY 2.5"	1,702	100	84	62	82	\$107,800
RIVER BIRCH LANE	WHITE OAK WAY	RIVER BIRCH DRIVE	GRIND 2.5", OVERLAY 2.5"	407	100	84	60	82	\$25,800
SPRUCE COURT	WHITE OAK WAY	SOUTH END	GRIND 2.5", OVERLAY 2.5"	653	100	64	61	74	\$41,400
WHITE OAK WAY	CHESTNUT LANE	SOUTH END	GRIND 2.5", OVERLAY 2.5"	4,320	100	80	61	80	\$273,700
WING ROAD	IL ROUTE 71	IL ROUTE 126	GRIND 4", OVERLAY 4"	1,129	100	92	57	84	\$38,600
MISCELLANEOUS CITY WIDE CRACK SEALING/STRIPING				N/A	N/A	N/A	N/A	N/A	\$25,000
TOTAL:									\$735,300

**PROPOSED 5 YEAR RTBR PROGRAM**  
**United City of Yorkville**  
**October 2018**

2021 (FY22) STREET REHABILITATION LIST									
STREET	FROM	TO	STRATEGY	LENGTH	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
BEAVER STREET	IL ROUTE 47	DEER STREET	GRIND 2.5", OVERLAY 2.5"	1,463	100	94	55	83	\$103,800
COLONIAL PARKWAY	IL ROUTE 47	IL ROUTE 126	GRIND 2.5", OVERLAY 2.5"	1,540	100	65	60	74	\$118,800
ELIZABETH STREET	S. MAIN STREET	WEST END	OVERLAY 2.5"	1,250	100	68	56	74	\$63,900
FIR COURT	NORWAY CIRCLE	NORTH END	GRIND 2", OVERLAY 2"	374	100	80	59	80	\$22,800
GREEN BRIAR ROAD	WALSH DRIVE	IL ROUTE 47	GRIND 2.5", OVERLAY 2.5"	2,084	85	83	62	78	\$212,200
NORWAY CIRCLE	WHITE OAK WAY	WHITE OAK WAY	GRIND 2", OVERLAY 2"	2,064	100	81	69	84	\$124,700
NORWAY COURT	NORWAY CIRCLE	SOUTH END	GRIND 2", OVERLAY 2"	312	100	88	61	83	\$18,800
STATE STREET	W. HYDRAULIC AVENUE	W. RIDGE STREET	GRIND 2.5", OVERLAY 2.5"	886	100	90	48	79	\$57,000
W VAN EMMON STREET	S. MAIN STREET	MORGAN STREET	GRIND 2.5", OVERLAY 2.5"	932	100	92	54	83	\$48,400
MISCELLANEOUS CITY WIDE CRACK SEALING/STRIPING				N/A	N/A	N/A	N/A	N/A	\$25,000
TOTAL:									\$795,400



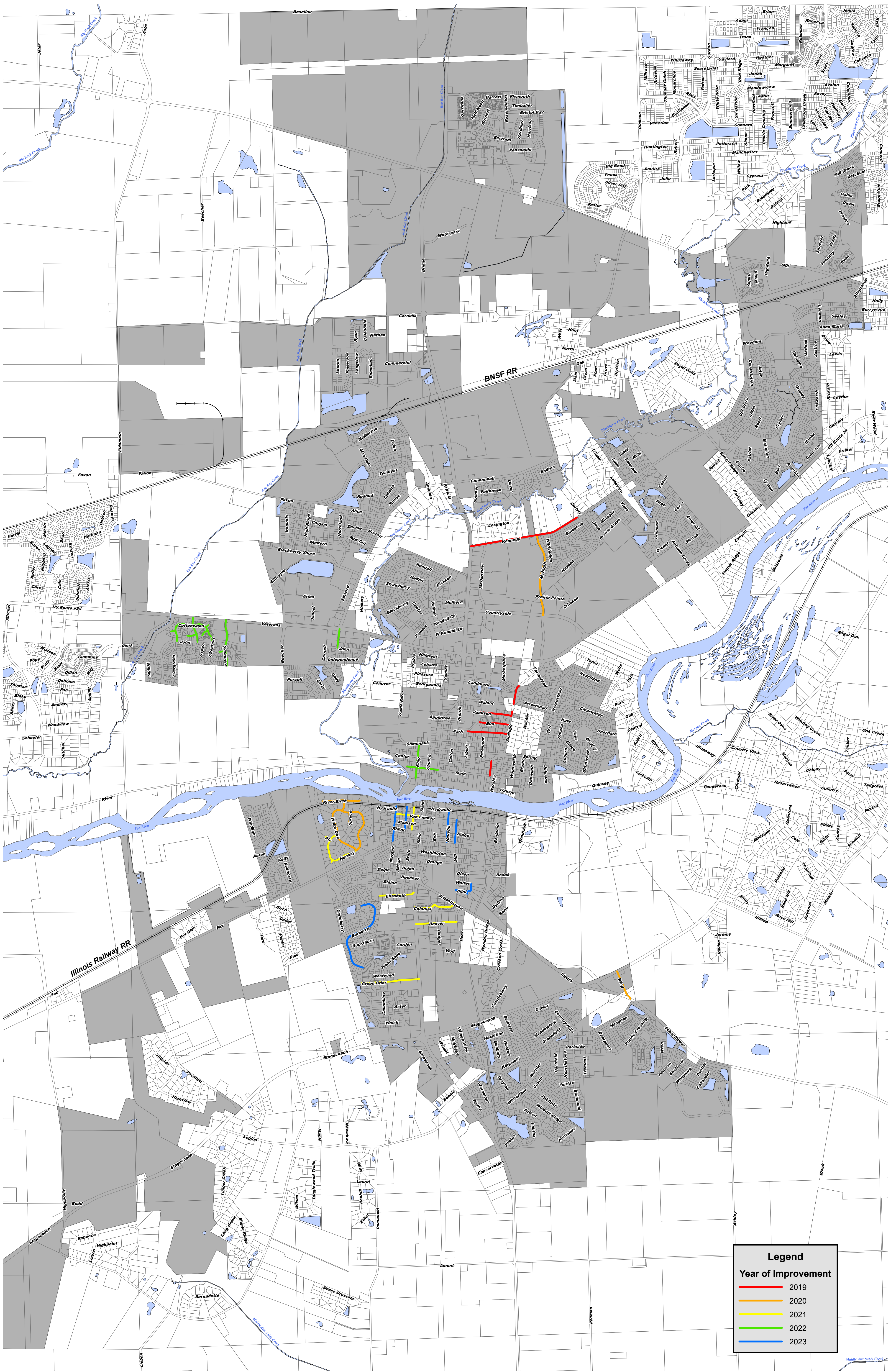
**PROPOSED 5 YEAR RTBR PROGRAM**  
**United City of Yorkville**  
**October 2018**

2022 (FY23) STREET REHABILITATION LIST									
STREET	FROM	TO	STRATEGY	LENGTH	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
CANNONBALL TRAIL	US ROUTE 34	JOHN STREET	VARIABLE DEPTH MILL, OVERLAY 3"	643	100	88	52	80	\$59,900
COTTONWOOD COURT	COTTONWOOD TRAIL	WEST END	GRIND 2.5", OVERLAY 2.5"	239	100	67	77	82	\$15,800
COTTONWOOD TRAIL	JOHN STREET	JOHN STREET	GRIND 2.5", OVERLAY 2.5"	2,261	100	80	64	82	\$149,100
CYPRESS LANE	DIEHL FARM ROAD	WEST END	GRIND 2.5", OVERLAY 2.5"	407	100	78	72	84	\$26,800
DIEHL FARM ROAD	JOHN STREET	US ROUTE 34	GRIND 2.5", OVERLAY 2.5"	918	100	84	61	82	\$51,500
KING STREET	W. RIVER STREET	W. SOMONAUK STREET	VARIABLE DEPTH MILL, OVERLAY 3"	1,315	100	84	56	80	\$97,600
SEQUOIA CIRCLE	EAST END	SYCAMORE ROAD	GRIND 2.5", OVERLAY 2.5"	292	100	73	71	82	\$19,200
STONERIDGE CIRCLE	COTTONWOOD TRAIL	EAST END	GRIND 2.5", OVERLAY 2.5"	197	100	76	66	81	\$13,000
STONERIDGE COURT	COTTONWOOD TRAIL	SOUTH END	GRIND 2.5", OVERLAY 2.5"	348	100	88	68	86	\$22,900
SYCAMORE ROAD	US ROUTE 34	JOHN STREET	GRIND 2.5", OVERLAY 2.5"	788	100	78	41	71	\$45,600
SYCAMORE ROAD	JOHN STREET	SOUTH END	GRIND 2.5", OVERLAY 2.5"	883	100	74	62	76	\$63,000
W. MAIN STREET	IL ROUTE 47	WEST END	GRIND 2.5", OVERLAY 2.5"	1,092	100	86	66	85	\$74,700
MISCELLANEOUS CITY WIDE CRACK SEALING/STRIPING				N/A	N/A	N/A	N/A	N/A	\$25,000
TOTAL:									\$664,100

**PROPOSED 5 YEAR RTBR PROGRAM**  
**United City of Yorkville**  
**October 2018**

2023 (FY24) STREET REHABILITATION LIST									
STREET	FROM	TO	STRATEGY	LENGTH	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
ADAMS STREET	W. RIDGE STREET	W. HYDRAULIC AVENUE	GRIND 2.5", OVERLAY 2.5"	827	100	80	64	82	\$57,200
E. BARBERRY CIRCLE	WALSH DRIVE	WALSH DRIVE	GRIND 2.5", OVERLAY 2.5"	1,625	100	89	69	87	\$118,200
HEUSTIS STREET	E FOX STREET	E. HYDRAULIC AVENUE	GRIND 2.5", OVERLAY 2.5"	1,214	100	92	68	88	\$99,800
ILLINI COURT	ILLINI DRIVE	SOUTH END	GRIND 2.5", OVERLAY 2.5"	292	100	63	61	74	\$19,600
ILLINI DRIVE	WALTER STREET	MILL STREET	GRIND 2.5", OVERLAY 2.5"	843	100	70	70	80	\$64,800
MILL STREET	E FOX STREET	E. VAN EMMON STREET	GRIND 2.5", OVERLAY 2.5"	869	100	99	62	88	\$58,300
MORGAN STREET	W. HYDRAULIC AVENUE	W. FOX STREET	GRIND 2.5", OVERLAY 2.5"	1,303	100	90	55	82	\$94,800
W. BARBERRY CIRCLE	WALSH DRIVE	WALSH DRIVE	GRIND 2.5", OVERLAY 2.5"	1,930	100	84	60	82	\$140,400
MISCELLANEOUS CITY WIDE CRACK SEALING/STRIPING				N/A	N/A	N/A	N/A	N/A	\$25,000
TOTAL:									\$678,100





**Engineering Enterprises, Inc.**  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
(630) 466-6700  
www.ee1web.com

**United City of Yorkville**  
800 Game Farm Road  
Yorkville, IL 60550

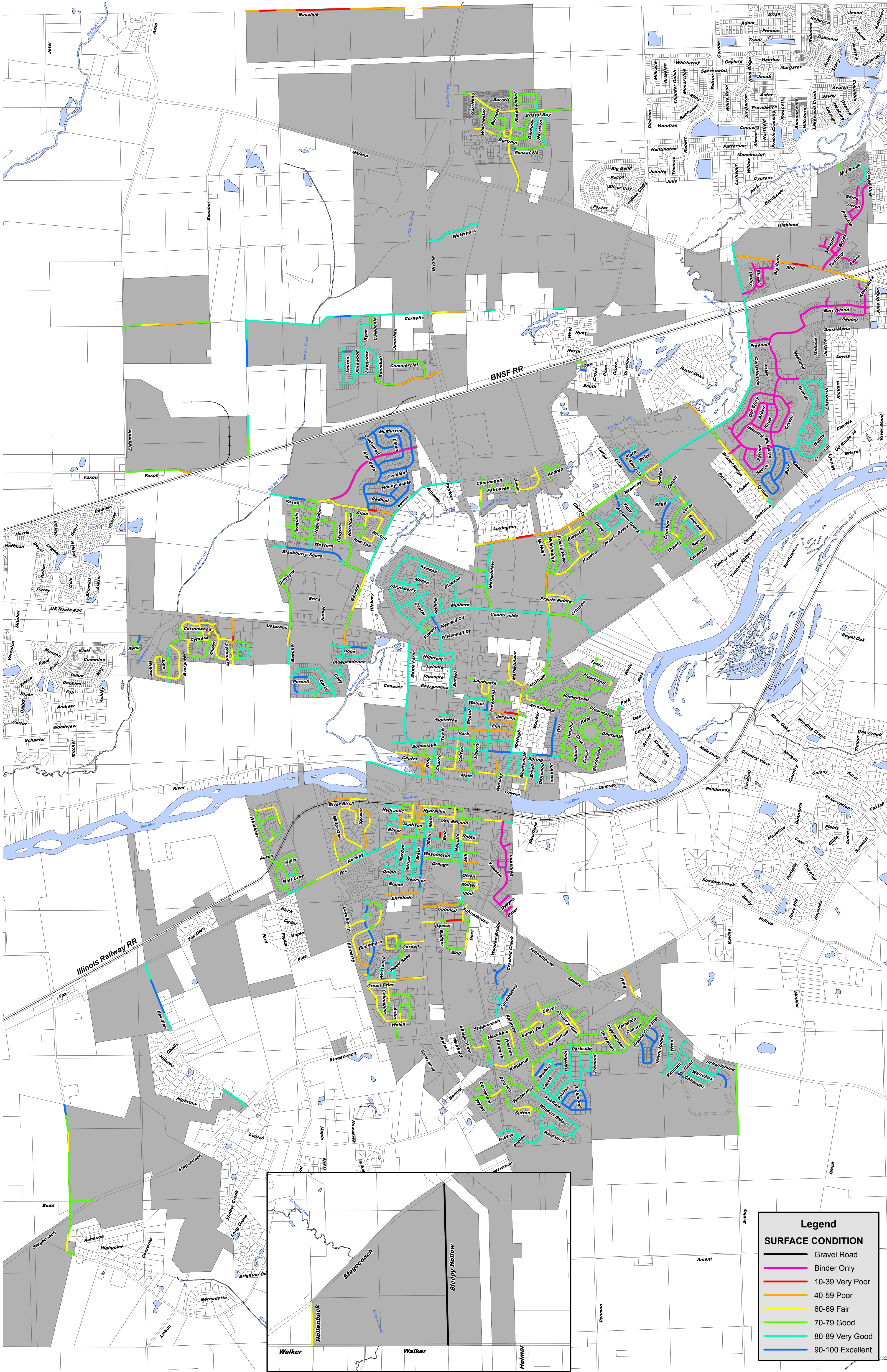
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**PAVEMENT MANAGEMENT  
SYSTEM UPDATE 2018**  
UNITED CITY OF YORKVILLE, ILLINOIS

**PROPOSED 5 YEAR PLAN**







Legend

SURFACE CONDITION

Gravel Road

Binder Only

10-39 Very Poor

40-59 Poor

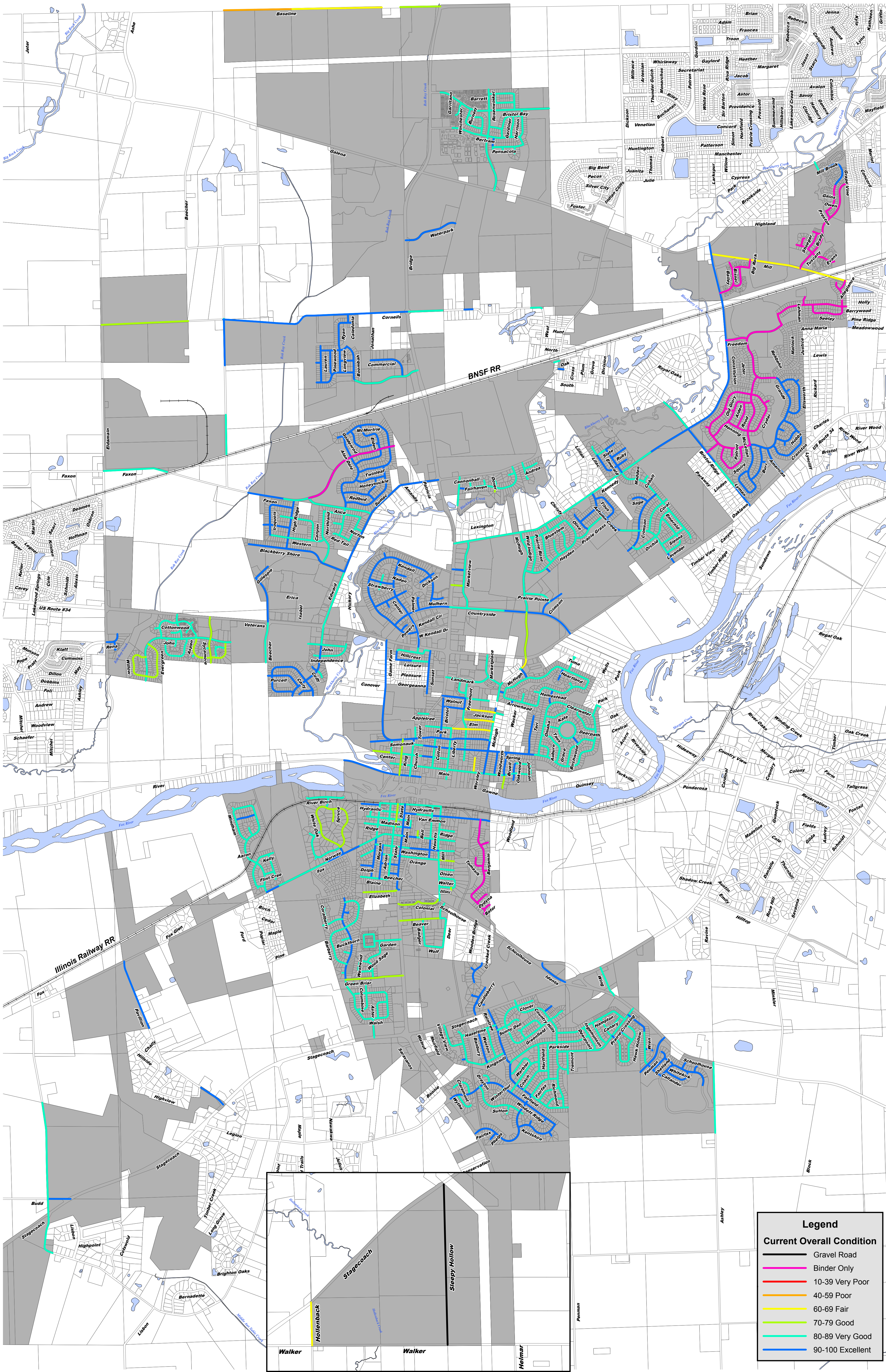
60-69 Fair

70-79 Good

80-89 Very Good

90-100 Excellent



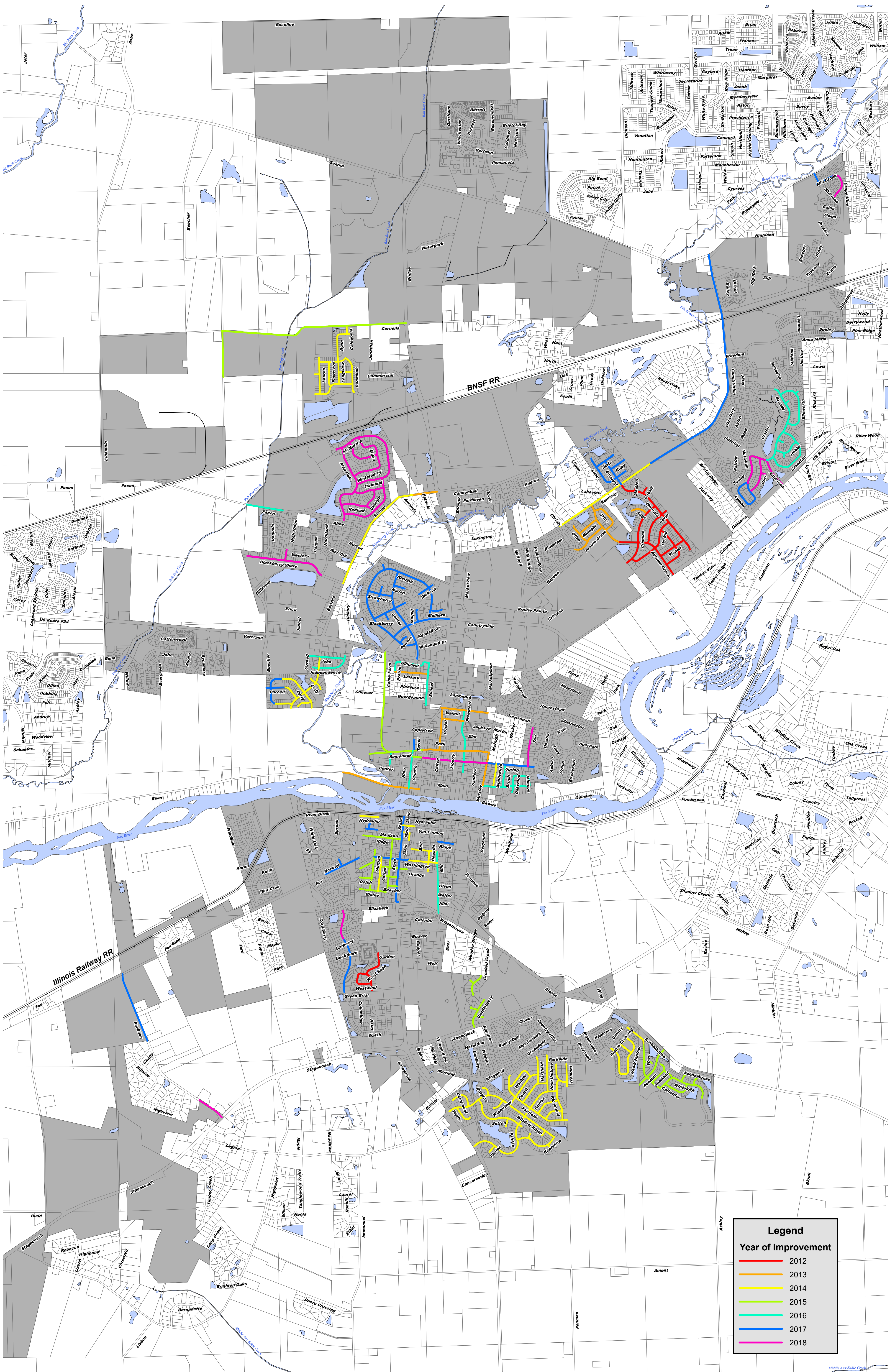


**Legend**

**Current Overall Condition**

- Gravel Road
- Binder Only
- 10-39 Very Poor
- 40-59 Poor
- 60-69 Fair
- 70-79 Good
- 80-89 Very Good
- 90-100 Excellent







# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
ABERDEEN CT	WHITEKIRK LN	NORTH END		0001-001	91	80	100	87	Flexible
				Average:	91	80	100	87	
				Std. Dev.	0	0	0	0	
ADAMS ST	W RIDGE ST	W MADISON ST		0002-001	82	81	100	64	Flexible
ADAMS ST	W MADISON ST	W VAN EMMON ST		0002-002	84	88	100	63	Flexible
ADAMS ST	W VAN EMMON ST	W HYDRAULIC AVE		0002-003	86	91	100	65	Flexible
				Average:	84	87	100	64	
				Std. Dev.	2	5	0	1	
ADRIAN ST	BLAINE ST	W DOLPH ST		0003-001	91	85	100	83	Flexible
				Average:	91	85	100	83	
				Std. Dev.	0	0	0	0	
ADRIAN ST	W DOLPH ST	W ORANGE ST		0003-002	91	82	100	87	Flexible
ADRIAN ST	W ORANGE ST	W WASHINGTON ST		0003-003	91	80	100	87	Flexible
				Average:	91	81	100	87	
				Std. Dev.	0	0	0	0	
ALAN DALE LN	RED TAIL CT	DENISE CT		0004-001	87	85	100	72	Flexible
ALAN DALE LN	DENISE CT	YELLOWSTONE LN		0004-002	83	85	100	64	Flexible
ALAN DALE LN	YELLOWSTONE LN	ALICE AVE		0004-003	84	90	100	61	Flexible
				Average:	85	86	100	67	
				Std. Dev.	2	2	0	6	
ALAN DALE LN	ALICE AVE	SUMAC DR		0004-004	92	88	100	82	Flexible
ALAN DALE LN	SUMAC DR	REDBUD DR		0004-005	94	87	100	88	Flexible
ALAN DALE LN	REDBUD DR	DS@660N REDBUD DR		0004-006	90	79	100	87	Flexible
				Average:	92	83	100	86	
				Std. Dev.	3	5	0	2	
ALAN DALE LN	DS@660N REDBUD DR	HONEYSUCKLE LN		0004-007	95	87	100	90	Flexible
ALAN DALE LN	HONEYSUCKLE LN	TWINLEAF TRL		0004-008	93	85	100	89	Flexible
ALAN DALE LN	TWINLEAF TRL	WINTERBERRY DR		0004-009	93	85	100	89	Flexible
ALAN DALE LN	WINTERBERRY DR	FAXON RD		0004-010	93	85	100	89	Flexible
ALAN DALE LN	FAXON RD	DS@660N FAXON RD		0004-011	93	84	100	88	Flexible
ALAN DALE LN	DS@660N FAXON RD	MCMURTRIE WAY		0004-012	95	91	100	86	Flexible
				Average:	93	85	100	89	
				Std. Dev.	1	2	0	1	
ALDEN AVE	OLD GLORY DR	HENNING LN		0005-001	84	80	100	70	Flexible
ALDEN AVE	HENNING LN	AMOS AVE		0005-002	82	79	100	65	Flexible
ALDEN AVE	AMOS AVE	ROOD ST		0005-003	82	84	100	61	Flexible
ALDEN AVE	ROOD ST	MCLELLAN BLVD		0005-004	76	77	100	53	Flexible
				Average:	82	81	100	64	
				Std. Dev.	2	3	0	7	

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
ALICE AVE	CANNONBALL TRL	DS@660W CANNONBALL TRL		0006-001	80	91	100	50	Flexible
ALICE AVE	DS@660W CANNONBALL TRL	ALAN DALE LN		0006-002	80	100	100	39	Flexible
ALICE AVE	ALAN DALE LN	DS@660W ALAN DALE LN		0006-003	85	85	100	67	Flexible
ALICE AVE	DS@660W ALAN DALE LN	FAXON RD		0006-004	87	91	100	66	Flexible
Average:					83	91	100	58	
Std. Dev.					4	4	0	11	
ALLEGIANCE CROSSING	MILL RD	SEELEY ST		0007-001	83	84	100	63	Flexible
Average:					83	84	100	63	
Std. Dev.					0	0	0	0	
AMERICAN WAY	GRANDE TRL	DS@660S GRANDE TRL		0008-001	75	84	100	43	Flexible
AMERICAN WAY	DS@660S GRANDE TRL	SOUTH END		0008-002	76	88	100	41	Flexible
Average:					75	85	100	42	
Std. Dev.					0	0	0	0	
AMOS AVE	ALDEN AVE	OLD GLORY DR		0009-001	76	61	100	68	Flexible
Average:					76	61	100	68	
Std. Dev.					0	0	0	0	
ANDERSON CT	W KENDALL DR	NORTH END		0010-001	96	93	100	87	Flexible
Average:					96	93	100	87	
Std. Dev.					0	0	0	0	
ANDREA CT	OVERLOOK CT	EAST END		0011-001	90	91	100	75	Flexible
Average:					90	91	100	75	
Std. Dev.					0	0	0	0	
APPLETREE CT	N BRIDGE ST	WEST END		0012-001	80	61	100	80	Flexible
Average:					80	61	100	80	
Std. Dev.					0	0	0	0	
ARROWHEAD DR	HEARTLAND DR	WACKER DR		0013-001	87	90	100	69	Flexible
ARROWHEAD DR	WACKER DR	STILLWATER CT		0013-002	85	84	100	70	Flexible
ARROWHEAD DR	STILLWATER CT	HOMESTEAD DR		0013-003	87	85	100	74	Flexible
Average:					87	87	100	71	
Std. Dev.					1	3	0	3	
ASHLEY RD	SCHOOLHOUSE RD	DS@660S SCHOOLHOUSE RD		0014-001	92	97	100	74	Flexible
ASHLEY RD	DS@660S SCHOOLHOUSE RD	DS@1320S SCHOOLHOUSE RD		0014-002	88	90	100	71	Flexible



# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
ASHLEY RD	DS@1320S	DS@1980S		0014-003	92	94	100	77	Flexible
	SCHOOLHOUSE RD	SCHOOLHOUSE RD							
ASHLEY RD	DS@1980S	CITY LIMIT		0014-004	94	100	100	75	Flexible
	SCHOOLHOUSE RD								
Average:					91	95	100	74	
Std. Dev.					2	4	0	3	
ASPEN LN	JOHN ST	DS@660W JOHN ST		0016-001	83	77	100	70	Flexible
ASPEN LN	DS@660W JOHN ST	DS@1320W JOHN ST		0016-002	82	72	100	73	Flexible
ASPEN LN	DS@1320W JOHN ST	JOHN ST		0016-003	78	69	100	67	Flexible
Average:					81	73	100	70	
Std. Dev.					2	4	0	3	
ASTER DR	WALSH CIR	DS@660S WALSH CIR		0017-001	81	67	100	76	Flexible
ASTER DR	DS@660S WALSH CIR	WALSH CIR		0017-002	81	75	100	68	Flexible
Average:					81	69	100	74	
Std. Dev.					0	0	0	0	
AUBURN DR	E SPRING ST	OMAHA DR		0018-001	90	87	100	78	Flexible
Average:					90	87	100	78	
Std. Dev.					0	0	0	0	
AUTUMN CREEK BLVD	VETERANS PKWY	LAVENDER WAY		0019-001	97	100	100	84	Flexible
Average:					97	100	100	84	
Std. Dev.					0	0	0	0	
AUTUMN CREEK BLVD	LAVENDER WAY	SIENNA DR		0019-002	93	93	100	80	Flexible
AUTUMN CREEK BLVD	SIENNA DR	ORCHID ST		0019-003	92	100	100	70	Flexible
AUTUMN CREEK BLVD	ORCHID ST	CORAL DR		0019-004	87	93	100	65	Flexible
AUTUMN CREEK BLVD	CORAL DR	CRIMSON LN		0019-005	89	91	100	71	Flexible
AUTUMN CREEK BLVD	CRIMSON LN	DS@660N CRIMSON LN		0019-006	92	97	100	73	Flexible
Average:					91	95	100	72	
Std. Dev.					2	3	0	4	
AUTUMN CREEK BLVD	DS@660N CRIMSON LN	DS@1320N CRIMSON LN		0019-007	90	85	100	81	Flexible
AUTUMN CREEK BLVD	DS@1320N CRIMSON LN	PRAIRE GRASS LN		0019-008	96	91	100	89	Flexible
AUTUMN CREEK BLVD	PRAIRE GRASS LN	DS@660N PRAIRE GRASS LN		0019-009	96	91	100	90	Flexible
AUTUMN CREEK BLVD	DS@660N PRAIRE GRASS LN	KENNEDY RD		0019-010	100	99	100	91	Flexible

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
			Average:		94	90	100	87	
			Std. Dev.		4	5	0	6	
BADGER ST	WOLF ST	DS@660N WOLF ST	0020-001	89	88	100	74	Flexible	
			Average:		89	88	100	74	
			Std. Dev.		0	0	0	0	
BADGER ST	DS@660N WOLF ST	BEAVER ST	0021-001	88	92	100	69	Flexible	
			Average:		88	92	100	69	
			Std. Dev.		0	0	0	0	
BAILEY RD	MILL RD	BERESFORD DR	0022-001	72	58	100	61	Flexible	
BAILEY RD	BERESFORD DR	BISSEL DR	0022-002	72	71	100	48	Flexible	
BAILEY RD	BISSEL DR	KENNEDY RD	0022-003	75	79	100	48	Flexible	
			Average:		73	73	100	50	
			Std. Dev.		2	7	0	4	
BALTRUSOL CT	KINGSMILL ST	WEST END	0023-001	92	94	100	76	Flexible	
			Average:		92	94	100	76	
			Std. Dev.		0	0	0	0	
BANBURY AVE	KINGSMILL ST	DS@660N KINGSMILL ST	0024-001	93	99	100	74	Flexible	
BANBURY AVE	DS@660N KINGSMILL ST	HAZENLTINE WAY	0024-002	91	94	100	74	Flexible	
			Average:		92	97	100	74	
			Std. Dev.		0	0	0	0	
BARBERRY CIR E	WALSH DR	DS@660S WALSH DR	0127-001	86	85	100	70	Flexible	
BARBERRY CIR E	DS@660S WALSH DR	DS@1320S WALSH DR	0127-002	87	93	100	64	Flexible	
BARBERRY CIR E	DS@1320S WALSH DR	WALSH DR	0127-003	89	87	100	75	Flexible	
			Average:		87	89	100	69	
			Std. Dev.		1	5	0	5	
BARBERRY CIR W	WALSH DR	DS@660S WALSH DR	0374-001	80	77	100	63	Flexible	
BARBERRY CIR W	DS@660S WALSH DR	DS@1320S WALSH DR	0374-002	82	83	100	61	Flexible	
BARBERRY CIR W	DS@1320S WALSH DR	WALSH DR	0374-003	84	94	100	56	Flexible	
			Average:		82	84	100	60	
			Std. Dev.		2	8	0	4	
BASELINE RD	N BRIDGE ST	DS@660W N BRIDGE ST	0025-001	78	92	100	44	Flexible	
BASELINE RD	DS@660W N BRIDGE ST	DS@1320W N BRIDGE ST	0025-002	77	87	100	46	Flexible	
BASELINE RD	DS@1320W N BRIDGE	CITY LIMIT	0025-003	80	92	100	47	Flexible	

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
ST									
Average:					78	90	100	45	
Std. Dev.					1	3	0	1	
BASELINE RD	CITY LIMIT	DS@660W CITY LIMIT		0026-001	80	96	100	45	Flexible
BASELINE RD	DS@660W CITY LIMIT	DS@1320W CITY LIMIT		0026-002	72	66	100	54	Flexible
BASELINE RD	DS@1320W CITY LIMIT	DS@1980W CITY LIMIT		0026-003	80	100	100	41	Flexible
BASELINE RD	DS@1980W CITY LIMIT	DS@2640W CITY LIMIT		0026-004	61	63	100	29	Flexible
BASELINE RD	DS@2640W CITY LIMIT	DS@3300W CITY LIMIT		0026-005	54	44	100	29	Flexible
Average:					69	74	100	40	
Std. Dev.					12	24	0	11	
BASELINE RD	DS@3300W CITY LIMIT	DS@3960W CITY LIMIT		0026-006	57	44	100	37	Flexible
BASELINE RD	DS@3960W CITY LIMIT	DS@4620W CITY LIMIT		0026-007	58	44	100	41	Flexible
BASELINE RD	DS@4620W CITY LIMIT	DS@5280W CITY LIMIT		0026-008	58	44	100	39	Flexible
BASELINE RD	DS@5280W CITY LIMIT	CITY LIMIT		0026-009	60	44	100	46	Flexible
Average:					58	44	100	40	
Std. Dev.					1	0	0	3	
BATOR ST	BENJAMIN ST	EAST END		0445-001	91	88	100	80	Flexible
Average:					91	88	100	80	
Std. Dev.					0	0	0	0	
BEAVER ST	S BRIDGE ST	DS@660E S BRIDGE ST		0027-001	91	100	100	68	Flexible
BEAVER ST	DS@660E S BRIDGE ST	BADGER ST		0027-002	88	91	100	70	Flexible
BEAVER ST	BADGER ST	DEER ST		0027-003	74	88	100	37	Flexible
Average:					83	94	100	55	
Std. Dev.					11	8	0	21	
BEECHER RD	CITY LIMIT	DS@660S CITY LIMIT		0028-001	80	59	100	82	Flexible
BEECHER RD	DS@660S CITY LIMIT	CITY LIMIT		0028-002	93	94	100	78	Flexible
BEECHER RD	CITY LIMIT	CORNEILS RD		0028-003	91	88	100	81	Flexible
Average:					88	80	100	80	
Std. Dev.					9	24	0	3	
BEECHER RD	CORNEILS RD	DS@660S CORNEILS RD		0028-004	93	86	100	87	Flexible
BEECHER RD	DS@660S CORNEILS RD	DS@1320S CORNEILS RD		0028-005	93	82	100	91	Flexible
BEECHER RD	DS@1320S CORNEILS	CITY LIMIT		0028-006	88	69	100	91	Flexible

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
	RD								
				Average:	92	81	100	90	
				Std. Dev.	2	7	0	3	
BEECHER RD	JOHN ST	DS@660N JOHN ST		0029-001	89	91	100	72	Flexible
BEECHER RD	DS@660N JOHN ST	JOHN ST		0029-001	85	87	100	66	Flexible
BEECHER RD	DS@660N JOHN ST	VETERANS PKWY		0029-002	93	94	100	80	Flexible
BEECHER RD	VETERANS PKWY	DS@660N JOHN ST		0029-002	93	100	100	73	Flexible
				Average:	89	92	100	72	
				Std. Dev.	4	5	0	5	
BEECHER RD N	VETERANS PKWY	DS@660N VETERANS PKWY		0262-001	95	100	100	78	Flexible
BEECHER RD N	DS@660N VETERANS PKWY	VETERANS PKWY		0262-001	95	100	100	79	Flexible
BEECHER RD N	DS@660N VETERANS PKWY	DS@1320N VETERANS PKWY		0262-002	94	100	100	75	Flexible
BEECHER RD N	DS@1320N VETERANS PKWY	DS@660N VETERANS PKWY		0262-002	91	94	100	75	Flexible
BEECHER RD N	DS@1320N VETERANS PKWY	GILLESPIE LN		0262-003	93	96	100	78	Flexible
BEECHER RD N	GILLESPIE LN	DS@1320N VETERANS PKWY		0262-003	92	93	100	78	Flexible
				Average:	93	97	100	77	
				Std. Dev.	2	3	0	2	
BEECHER ST W	STATE ST	S MAIN ST		0375-001	97	100	100	83	Flexible
				Average:	97	100	100	83	
				Std. Dev.	0	0	0	0	
BEHRENS ST	JOHNSON ST	OAKWOOD ST		0030-001	89	76	100	87	Flexible
				Average:	89	76	100	87	
				Std. Dev.	0	0	0	0	
BELL ST	E FOX ST	NORTH END		0031-001	77	93	100	39	Flexible
				Average:	77	93	100	39	
				Std. Dev.	0	0	0	0	
BENJAMIN ST	VANEMMON ST E	DS@660S VANEMMON ST E		0440-001	91	84	100	83	Flexible
BENJAMIN ST	DS@660S VANEMMON ST E	BUHMASTER CT		0440-002	91	80	100	88	Flexible
BENJAMIN ST	BUHMASTER CT	TOMASK CT		0440-003	93	88	100	84	Flexible
BENJAMIN ST	TOMASK CT	RODAK ST		0440-004	94	90	100	86	Flexible
BENJAMIN ST	RODAK ST	DS@660S RODAK ST		0440-005	93	86	100	86	Flexible
BENJAMIN ST	DS@660S RODAK ST	DYDYNA CT		0440-006	93	86	100	87	Flexible
BENJAMIN ST	DYDYNA CT	BATOR CT		0440-007	93	90	100	84	Flexible
BENJAMIN ST	BATOR CT	SOUTH END		0440-008	89	84	100	78	Flexible

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## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	92	86	100	85	
				Std. Dev.	1	2	0	3	
BERESFORD DR	BIG ROCK BLVD	BISSEL DR		0032-001	74	85	100	41	Flexible
BERESFORD DR	BISSEL DR	BAILEY RD		0032-002	76	84	100	46	Flexible
				Average:	75	85	100	43	
				Std. Dev.	0	0	0	0	
BERRYWOOD LN	MATLOCK DR	DS@660E MATLOCK DR		0033-001	78	79	100	55	Flexible
BERRYWOOD LN	DS@660E MATLOCK DR	LEHMAN CROSSING		0033-002	83	87	100	60	Flexible
BERRYWOOD LN	LEHMAN CROSSING	SEELEY ST		0033-003	77	81	100	51	Flexible
BERRYWOOD LN	SEELEY ST	DS@660E SEELEY ST		0033-004	75	80	100	47	Flexible
BERRYWOOD LN	DS@660E SEELEY ST	SEELEY ST		0033-005	74	79	100	46	Flexible
BERRYWOOD LN	SEELEY ST	CITY LIMIT		0033-006	75	84	100	43	Flexible
				Average:	77	81	100	51	
				Std. Dev.	3	3	0	6	
BERTRAM DR	WEST END	WINCHESTER LN		0034-001	88	94	100	66	Flexible
BERTRAM DR	WINCHESTER LN	DS@660E WINCHESTER LN		0034-002	83	82	100	66	Flexible
BERTRAM DR	DS@660E WINCHESTER LN	MARQUETTE ST		0034-003	83	79	100	70	Flexible
BERTRAM DR	MARQUETTE ST	ROSENWINKEL ST		0034-004	85	84	100	68	Flexible
BERTRAM DR	ROSENWINKEL ST	TAMPA DR		0034-005	88	84	100	76	Flexible
BERTRAM DR	TAMPA DR	GARDINER AVE		0034-006	86	81	100	74	Flexible
BERTRAM DR	GARDINER AVE	HARRISON ST		0034-007	83	75	100	72	Flexible
BERTRAM DR	HARRISON ST	SARASOTA AVE		0034-008	84	77	100	73	Flexible
BERTRAM DR	SARASOTA AVE	DS@660E SARASOTA AVE		0034-009	91	88	100	79	Flexible
BERTRAM DR	DS@660E SARASOTA AVE	GARDINER AVE		0034-010	96	100	100	81	Flexible
BERTRAM DR	GARDINER AVE	BRISTOL BAY DR		0034-011	88	80	100	80	Flexible
				Average:	86	83	100	73	
				Std. Dev.	4	5	0	7	
BIG ROCK BLVD	MILL RD	BERESFORD DR		0035-001	83	90	100	57	Flexible
				Average:	83	90	100	57	
				Std. Dev.	0	0	0	0	
BIRCHWOOD DR	SPRING ST	DS@660N SPRING ST		0036-001	87	84	100	73	Flexible
				Average:	87	84	100	73	
				Std. Dev.	0	0	0	0	
BIRCHWOOD DR	DS@660N SPRING ST	BLUEJAY DR		0037-001	85	81	100	72	Flexible
				Average:	85	81	100	72	
				Std. Dev.	0	0	0	0	
BIRCHWOOD DR	BLUEJAY DR	E SPRING ST		0038-001	84	77	100	74	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
BISCAYNE LN	PENSACOLA ST	SOUTH END		0039-001	90	85	100	80	Flexible
BISSEL DR	BERESFORD DR	DS@440S BERESFORD DR		0040-001	80	84	100	55	Flexible
BISSEL DR	DS@440S BERESFORD DR	BAILEY RD		0041-001	82	85	100	60	Flexible
BLACKBERRY CT	W BLACKBERRY LN	SOUTH END		0042-001	94	93	100	83	Flexible
BLACKBERRY LN E	EAST END	W BLACKBERRY LN		0128-001	92	85	100	85	Flexible
BLACKBERRY LN W	CENTER PKWY	BLACKBERRY CT		0376-001	91	86	100	83	Flexible
BLACKBERRY LN W	BLACKBERRY CT	WEST END		0376-002	93	88	100	85	Flexible
BLACKBERRY SHORE LN	WEST END	DS@660E WEST END		0043-001	93	85	100	88	Flexible
BLACKBERRY SHORE LN	DS@660E WEST END	DS@1320E WEST END		0043-002	92	80	100	91	Flexible
BLACKBERRY SHORE LN	DS@1320E WEST END	HIGH RIDGE LN		0043-003	93	82	100	91	Flexible
BLACKBERRY SHORE LN	HIGH RIDGE LN	DS@660E HIGH RIDGE LN		0043-004	97	93	100	90	Flexible
BLACKBERRY SHORE LN	DS@660E HIGH RIDGE LN	DS@1320E HIGH RIDGE LN		0043-005	93	84	100	90	Flexible
BLACKBERRY SHORE LN	DS@1320E HIGH RIDGE LN	NORTHLAND LN		0043-006	94	87	100	88	Flexible
BLACKBERRY SHORE LN	NORTHLAND LN	EDWARD LN		0043-007	90	93	100	72	Flexible
BLACKBERRY SHORE LN	EDWARD LN	CANNONBALL TRL		0043-008	95	100	100	77	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
BLACKHAWK BLVD	E MILL BROOK CIR	GALENA RD		0044-001	90	94	100	73	Flexible
BLAINE ST	STATE ST	ADRIAN ST		0045-001	92	86	100	85	Flexible
BLAINE ST	ADRIAN ST	MORGAN ST		0045-002	92	84	100	86	Flexible
BLAINE ST	MORGAN ST	WEST END		0045-003	89	77	100	85	Flexible
BLUEBIRD LN	HAMPTON LN	CANARY AVE		0047-001	82	80	100	66	Flexible
BLUEBIRD LN	CANARY AVE	PRAIRIE CROSSING DR		0047-002	84	88	100	63	Flexible
BLUEJAY DR	TAUS CIR	BIRCHWOOD DR		0048-001	93	96	100	78	Flexible
BLUESTEM DR	HAYDEN DR	SWITCHGRASS LN		0049-001	85	83	100	71	Flexible
BLUESTEM DR	SWITCHGRASS LN	PRAIRIE MEADOWS DR		0049-002	87	88	100	69	Flexible
BLUESTEM DR	PRAIRIE MEADOWS DR	PRAIRIE ROSE LN		0049-003	84	87	100	63	Flexible
BLUESTEM DR	PRAIRIE ROSE LN	WILD INDIGO LN		0049-004	85	87	100	65	Flexible
BLUESTEM DR	WILD INDIGO LN	MCHUGH RD		0049-005	89	96	100	67	Flexible
BOOMER LN	CANNONBALL TRL	FAIRHAVEN DR		0050-001	91	96	100	71	Flexible
BOOMER LN	FAIRHAVEN DR	SWANSON LN		0050-002	83	82	100	65	Flexible
BOOMER LN	SWANSON LN	SOUTH END		0050-003	82	73	100	73	Flexible
BRADY ST	CROOKER DR	SHOEGER DR		0051-001	83	87	100	63	Flexible
BRISTOL AVE	E SOMONAUK ST	E PARK ST		0053-001	91	82	100	85	Flexible
BRISTOL AVE	E PARK ST	DS@660N E PARK ST		0053-002	97	96	100	87	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
BRISTOL AVE	DS@660N E PARK ST	JACKSON ST		0053-003	100	100	100	90	Flexible
BRISTOL AVE	JACKSON ST	NORTH END		0053-004	95	90	100	87	Flexible
Average:					95	91	100	87	
Std. Dev.					3	8	0	1	
BRISTOL BAY DR	CITY LIMIT	DS@660W CITY LIMIT		0054-001	90	88	100	78	Flexible
BRISTOL BAY DR	DS@660W CITY LIMIT	BERTRAM DR		0054-002	87	87	100	72	Flexible
BRISTOL BAY DR	BERTRAM DR	PLYMOUTH AVE		0054-003	88	91	100	69	Flexible
BRISTOL BAY DR	PLYMOUTH AVE	DS@660W		0054-004	87	85	100	72	Flexible
		PLYMOUTH AVE							
BRISTOL BAY DR	DS@660W	ROSENWINKEL ST		0054-005	85	85	100	69	Flexible
	PLYMOUTH AVE								
BRISTOL BAY DR	ROSENWINKEL ST	BURNETT ST		0054-006	85	85	100	68	Flexible
BRISTOL BAY DR	BURNETT ST	HALF MOON DR		0054-007	86	87	100	69	Flexible
BRISTOL BAY DR	HALF MOON DR	GARRITANO ST		0054-008	83	79	100	69	Flexible
BRISTOL BAY DR	GARRITANO ST	WEST END		0054-009	85	81	100	72	Flexible
Average:					86	85	100	71	
Std. Dev.					3	4	0	4	
BRISTOL RIDGE RD	E VETERANS PKWY	OAKLAWN AVE		0055-001	97	100	100	84	Flexible
BRISTOL RIDGE RD	OAKLAWN AVE	DS@660N OAKLAWN AVE		0055-002	90	100	100	66	Flexible
Average:					94	100	100	76	
Std. Dev.					0	0	0	0	
BRISTOL RIDGE RD	DS@660N OAKLAWN AVE	LINDEN AVE		0056-001	90	100	100	65	Flexible
BRISTOL RIDGE RD	LINDEN AVE	DS@660N LINDEN AVE		0056-002	90	100	100	66	Flexible
Average:					90	100	100	66	
Std. Dev.					0	0	0	0	
BRISTOL RIDGE RD	DS@660N LINDEN AVE	SUNSET AVE		0057-001	90	100	100	66	Flexible
BRISTOL RIDGE RD	SUNSET AVE	DS@660N SUNSET AVE		0057-002	90	100	100	66	Flexible
BRISTOL RIDGE RD	DS@660N SUNSET AVE	KENNEDY RD		0057-003	92	100	100	70	Flexible
Average:					91	100	100	68	
Std. Dev.					1	0	0	2	
BRISTOL RIDGE RD	KENNEDY RD	DS@660N KENNEDY RD		0057-004	90	100	100	65	Flexible
BRISTOL RIDGE RD	DS@660N KENNEDY RD	BRIDGE NEAR CITY LIMIT		0057-005	85	100	100	52	Flexible
Average:					88	100	100	60	
Std. Dev.					0	0	0	0	
BRUELL ST	E SPRING ST	DS@660S E SPRING ST		0058-001	92	82	100	88	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
BRUELL ST	DS@660S E SPRING ST	E MAIN ST		0058-002	92	90	100	80	Flexible
				Average:	92	83	100	87	
				Std. Dev.	0	0	0	0	
BRUELL ST	E MAIN ST	WOODDALE DR		0058-003	77	70	100	63	Flexible
				Average:	77	70	100	63	
				Std. Dev.	0	0	0	0	
BUCKTHORN CT	WALSH DR	WEST END		0059-001	89	97	100	65	Flexible
				Average:	89	97	100	65	
				Std. Dev.	0	0	0	0	
BUDD RD	W HIGHPOINT RD	STAGECOACH TRAIL		0060-002	92	94	100	77	Flexible
				Average:	92	94	100	77	
				Std. Dev.	0	0	0	0	
BUHRMASTER CT	BENJAMIN ST	EAST END		0443-001	91	86	100	82	Flexible
				Average:	91	86	100	82	
				Std. Dev.	0	0	0	0	
BURNETT ST	BRISTOL BAY DR	MARQUETTE ST		0061-001	81	72	100	70	Flexible
		DS@660S		0061-002	81	66	100	76	Flexible
		MARQUETTE ST		0061-003	82	71	100	75	Flexible
BURNETT ST	DS@660S	MARQUETTE ST		Average:	81	68	100	75	
				Std. Dev.	1	3	0	3	
BURNING BUSH DR	WALSH DR	CORALBERRY CT		0062-001	86	92	100	63	Flexible
		CORALBERRY CT		0062-002	87	93	100	65	Flexible
		WEST END		Average:	86	92	100	63	
BURNING BUSH DR	CORALBERRY CT	WEST END		Std. Dev.	0	0	0	0	
BURR CT	BURR ST	EAST END		0063-001	79	69	100	69	Flexible
				Average:	79	69	100	69	
				Std. Dev.	0	0	0	0	
BURR ST	LYMAN LOOP	DS@660N LYMAN LOOP		0064-001	85	74	100	79	Flexible
BURR ST	DS@660N LYMAN LOOP	BURR CT		0064-002	84	75	100	76	Flexible
BURR ST	BURR CT	GRANDE TRL		0064-003	79	81	100	57	Flexible
BURR ST	BURR CT	GRANDE TRL		Average:	82	77	100	70	
				Std. Dev.	4	5	0	14	
CALEDONIA DR	CORNEILS RD	RYAN CT		0065-001	92	92	100	79	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	92	92	100	79	
				Std. Dev.	0	0	0	0	
CALEDONIA DR	WHEATON AVE	RYAN DR		0066-001	96	96	100	85	Flexible
CALEDONIA DR	RYAN DR	PINEWOOD DR		0066-002	98	100	100	86	Flexible
CALEDONIA DR	PINEWOOD DR	LAUREN DR		0066-003	98	97	100	90	Flexible
				Average:	97	98	100	87	
				Std. Dev.	1	2	0	3	
CALLANDER TRL	WHITEKIRK LN	DS@660E WHITEKIRK LN		0067-001	92	85	100	85	Flexible
CALLANDER TRL	DS@660E WHITEKIRK LN	WHITEKIRK LN		0067-002	94	90	100	85	Flexible
				Average:	93	88	100	85	
				Std. Dev.	0	0	0	0	
CANARY AVE	BLUEBIRD LN	HAMPTON LN		0068-001	89	85	100	79	Flexible
				Average:	89	85	100	79	
				Std. Dev.	0	0	0	0	
CANDLEBERRY CT	CANDLEBERRY LN	WEST END		0069-001	96	93	100	89	Flexible
				Average:	96	93	100	89	
				Std. Dev.	0	0	0	0	
CANDLEBERRY LN	STAGECOUCH TRAIL	MEADOW ROSE LN		0070-001	91	82	100	85	Flexible
CANDLEBERRY LN	MEADOW ROSE LN	CANDLEBERRY CT		0070-002	94	88	100	87	Flexible
CANDLEBERRY LN	CANDLEBERRY CT	NORTH END		0070-003	91	78	100	91	Flexible
				Average:	92	82	100	88	
				Std. Dev.	1	4	0	4	
CANNONBALL TRL	N BRIDGE ST	PATRICIA LN		0071-001	97	100	100	83	Flexible
CANNONBALL TRL	PATRICIA LN	AMANDA LN		0071-002	94	94	100	82	Flexible
				Average:	95	96	100	82	
				Std. Dev.	0	0	0	0	
CANNONBALL TRL	AMANDA LN	DS@660S AMANDA LN		0071-003	98	100	100	87	Flexible
CANNONBALL TRL	DS@660S AMANDA LN	DS@1320S AMANDA LN		0071-004	97	94	100	89	Flexible
CANNONBALL TRL	DS@1320S AMANDA LN	ALICE AVE		0071-005	97	100	100	85	Flexible
CANNONBALL TRL	ALICE AVE	NORTON LN		0071-006	99	100	100	88	Flexible
CANNONBALL TRL	NORTON LN	DS@660S NORTON LN		0071-007	94	91	100	86	Flexible
CANNONBALL TRL	DS@660S NORTON LN	DS@1320S NORTON LN		0071-008	96	93	100	88	Flexible
				Average:	97	96	100	87	
				Std. Dev.	2	4	0	2	

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
CANNONBALL TRL	DS@1320S NORTON LN	BLACKBERRY SHORE LN		0071-009	92	88	100	82	Flexible
Average:					92	88	100	82	
Std. Dev.					0	0	0	0	
CANNONBALL TRL	BLACKBERRY SHORE LN	DS@660S BLACKBERRY SHORE		0071-010	90	96	100	69	Flexible
CANNONBALL TRL	DS@660S BLACKBERRY SHORE	HICKORY LN		0071-011	90	96	100	70	Flexible
CANNONBALL TRL	HICKORY LN	DS@660S HICKORY LN		0071-012	90	96	100	69	Flexible
CANNONBALL TRL	DS@660S HICKORY LN	W VETERANS PKWY		0071-013	91	94	100	75	Flexible
Average:					90	95	100	71	
Std. Dev.					1	1	0	4	
CANNONBALL TRL	W VETERANS PKWY	JOHN ST		0071-014	80	88	100	52	Flexible
Average:					80	88	100	52	
Std. Dev.					0	0	0	0	
CANNONBALL TRL	JOHN ST	INDEPENDENCE CT		0071-015	90	85	100	82	Flexible
CANNONBALL TRL	INDEPENDENCE CT	PATRICK CT		0071-016	94	90	100	85	Flexible
CANNONBALL TRL	PATRICK CT	N CARLY CIR		0071-017	94	90	100	85	Flexible
CANNONBALL TRL	N CARLY CIR	PURCELL ST		0071-018	92	87	100	85	Flexible
CANNONBALL TRL	PURCELL ST	S CARLY CIR		0071-019	94	91	100	84	Flexible
CANNONBALL TRL	S CARLY CIR	SOUTH END		0071-020	89	88	100	75	Flexible
Average:					93	89	100	84	
Std. Dev.					2	2	0	2	
CANYON TRAIL CT	HIGH RIDGE LN	WEST END		0072-001	90	91	100	75	Flexible
Average:					90	91	100	75	
Std. Dev.					0	0	0	0	
CANYON TRL	WESTERN LN	DS@660E WESTERN LN		0073-001	80	65	100	74	Flexible
CANYON TRL	DS@660E WESTERN LN	DS@1320E WESTERN LN		0073-002	85	80	100	74	Flexible
CANYON TRL	DS@1320E WESTERN LN	HIGH RIDGE LN		0073-003	91	96	100	73	Flexible
Average:					83	75	100	74	
Std. Dev.					4	12	0	0	
CARLY CIR N	PURCELL ST	DS@660E PURCELL ST		0263-001	93	88	100	85	Flexible
Average:					93	88	100	85	
Std. Dev.					0	0	0	0	
CARLY CIR N	DS@660E PURCELL ST	DS@1320E PURCELL ST		0263-002	93	88	100	86	Flexible
CARLY CIR N	DS@1320E PURCELL	CANNONBALL TRL		0263-003	92	85	100	85	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
	ST								
				Average:	93	87	100	86	
				Std. Dev.	0	0	0	0	
CARLY CIR S	CANNONBALL TRL	DS@660W CANNONBALL TRL		0327-001	92	84	100	86	Flexible
				Average:	92	84	100	86	
				Std. Dev.	0	0	0	0	
CARLY CIR S	DS@660W CANNONBALL TRL	PURCELL ST		0327-002	96	91	100	90	Flexible
				Average:	96	91	100	90	
				Std. Dev.	0	0	0	0	
CARLY CT	CARLY DR	WEST END		0074-001	91	82	100	86	Flexible
				Average:	91	82	100	86	
				Std. Dev.	0	0	0	0	
CARLY DR	CANNONBALL TRL	CARLY CT		0075-001	89	79	100	84	Flexible
CARLY DR	CARLY CT	SOUTH END		0075-002	94	90	100	85	Flexible
				Average:	91	83	100	84	
				Std. Dev.	0	0	0	0	
CAROLYN CT	RENA LN	EAST END		0076-001	91	91	100	77	Flexible
				Average:	91	91	100	77	
				Std. Dev.	0	0	0	0	
CARPENTER ST	N BRIDGE ST	MARKETVIEW DR		0077-001	92	100	91	76	Rigid
				Average:	92	100	91	76	
				Std. Dev.	0	0	0	0	
CATALPA TRL	HONEYSUCKLE LN	REDBUD DR		0078-001	89	76	100	88	Flexible
				Average:	89	76	100	88	
				Std. Dev.	0	0	0	0	
CAULFIELD PT	KENTSHIRE DR	SOUTH END		0079-001	95	94	100	83	Flexible
				Average:	95	94	100	83	
				Std. Dev.	0	0	0	0	
CENTER PKWY	W VETERANS PKWY	HILLCREST AVE		0080-001	86	74	100	81	Flexible
				Average:	86	74	100	81	
				Std. Dev.	0	0	0	0	
CENTER PKWY	W VETERANS PKWY	W KENDALL DR		0080-002	98	100	100	86	Flexible
CENTER PKWY	W KENDALL DR	W VETERANS PKWY		0080-002	100	100	100	90	Flexible
CENTER PKWY	W KENDALL DR	W COUNTRYSIDE PKWY		0080-003	100	100	100	90	Flexible
CENTER PKWY	W COUNTRYSIDE	W KENDALL DR		0080-003	99	100	100	89	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
	PKWY								
				Average:	99	100	100	89	
				Std. Dev.	1	0	0	2	
CENTER PKWY	W COUNTRYSIDE PKWY	W BLACKBERRY LN		0080-004	98	100	100	86	Flexible
CENTER PKWY	W BLACKBERRY LN	STRAWBERRY LN		0080-005	97	99	100	85	Flexible
CENTER PKWY	STRAWBERRY LN	NADEN CT		0080-006	98	98	100	87	Flexible
CENTER PKWY	NADEN CT	W KENDALL DR		0080-007	98	100	100	86	Flexible
				Average:	98	99	100	86	
				Std. Dev.	0	1	0	1	
CENTER ST E	LIBERTY ST	COLTON ST		0129-001	90	94	100	71	Flexible
				Average:	90	94	100	71	
				Std. Dev.	0	0	0	0	
CENTER ST E	COLTON ST	BRIDGE RD		0129-002	94	99	100	76	Flexible
				Average:	94	99	100	76	
				Std. Dev.	0	0	0	0	
CENTER ST W	WEST END	WEST ST		0377-001	76	62	100	67	Flexible
				Average:	76	62	100	67	
				Std. Dev.	0	0	0	0	
CENTER ST W	WEST ST	KING ST		0377-002	88	84	100	77	Flexible
CENTER ST W	KING ST	CHURCH ST		0377-003	91	97	100	71	Flexible
CENTER ST W	CHURCH ST	E CENTER ST		0377-004	87	93	100	65	Flexible
				Average:	89	91	100	71	
				Std. Dev.	2	7	0	6	
CHESHIRE CT	FAIRHAVEN DR	WEST END		0081-001	85	87	100	66	Flexible
				Average:	85	87	100	66	
				Std. Dev.	0	0	0	0	
CHESTNUT CIR	CHESTNUT CIR	NORTH END		0082-001	87	87	100	71	Flexible
				Average:	87	87	100	71	
				Std. Dev.	0	0	0	0	
CHESTNUT CIR	CHESTNUT LN	CHESTNUT CIR		0083-001	90	82	100	83	Flexible
CHESTNUT CIR	CHESTNUT CIR	CHESTNUT LN		0083-002	84	71	100	79	Flexible
				Average:	87	76	100	81	
				Std. Dev.	0	0	0	0	
CHESTNUT CT	CHESTNUT LN	SOUTH END		0084-001	80	70	100	71	Flexible
				Average:	80	70	100	71	
				Std. Dev.	0	0	0	0	
CHESTNUT LN	JOHN ST	CHESTNUT CIR		0085-001	85	79	100	74	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
CHESTNUT LN	CHESTNUT CIR	CHESTNUT CIR		0085-002	91	87	100	81	Flexible
CHESTNUT LN	CHESTNUT CIR	SYCAMORE RD		0085-003	84	76	100	75	Flexible
CHESTNUT LN	SYCAMORE RD	CHESTNUT CT		0085-004	76	63	100	67	Flexible
CHESTNUT LN	CHESTNUT CT	JOHN ST		0085-005	79	77	100	61	Flexible
Average:					82	76	100	70	
Std. Dev.					8	12	0	10	
CHURCH ST	W SOMONAUK ST	W SPRING ST		0086-001	99	100	100	89	Flexible
Average:					99	100	100	89	
Std. Dev.					0	0	0	0	
CHURCH ST	W SPRING ST	W CENTER ST		0086-002	98	100	100	87	Flexible
CHURCH ST	W CENTER ST	W MAIN ST		0086-003	93	87	100	85	Flexible
CHURCH ST	W MAIN ST	W RIVER ST		0086-004	85	76	100	78	Flexible
Average:					92	88	100	83	
Std. Dev.					6	12	0	5	
CLAREMONT CT	WINDETT RIDGE RD	WEST END		0087-001	90	91	100	75	Flexible
Average:					90	91	100	75	
Std. Dev.					0	0	0	0	
CLEARWATER DR	E SPRING ST	DEERPATH DR		0088-001	85	76	100	78	Flexible
CLEARWATER DR	DEERPATH DR	KATE DR		0088-002	91	91	100	77	Flexible
CLEARWATER DR	KATE DR	OMAHA DR		0088-003	82	71	100	74	Flexible
Average:					85	78	100	76	
Std. Dev.					4	9	0	2	
CLOVER CT	WEST END	GREENFIELD TURN		0089-001	85	82	100	70	Flexible
Average:					85	82	100	70	
Std. Dev.					0	0	0	0	
COACH RD	FAIRFIELD AVE	WINDETT RIDGE RD		0090-004	81	66	100	77	Flexible
Average:					81	66	100	77	
Std. Dev.					0	0	0	0	
COBALT DR	EMERALD LN	NORTH END		0091-001	90	94	100	72	Flexible
Average:					90	94	100	72	
Std. Dev.					0	0	0	0	
CODY CT	SOUTH END	CANNONBALL TRL		0092-001	90	84	100	81	Flexible
Average:					90	84	100	81	
Std. Dev.					0	0	0	0	
COLONIAL PKWY	S BRIDGE ST	DS@660E S BRIDGE ST		0093-001	71	60	100	58	Flexible
COLONIAL PKWY	DS@660E S BRIDGE ST	DS@1320E S BRIDGE ST		0093-002	72	63	100	58	Flexible
COLONIAL PKWY	DS@1320E S BRIDGE	SCHOOLHOUSE RD		0093-003	87	83	100	74	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
	ST								
				Average:	74	65	100	60	
				Std. Dev.	5	7	0	5	
COLTON ST	E MAIN ST	E CENTER ST		0094-001	85	85	100	69	Flexible
COLTON ST	E CENTER ST	E SPRING ST		0094-002	86	92	100	63	Flexible
COLTON ST	E SPRING ST	E SOMONAUK ST		0094-003	88	93	100	68	Flexible
				Average:	86	90	100	67	
				Std. Dev.	2	4	0	3	
COLUMBINE CT	WALSH CIR	NORTH END		0095-001	85	88	100	65	Flexible
				Average:	85	88	100	65	
				Std. Dev.	0	0	0	0	
COLUMBINE DR	WALSH DR	DS@660N WALSH DR		0096-001	91	97	100	72	Flexible
COLUMBINE DR	DS@660N WALSH DR	COLUMBINE CT		0096-002	85	93	100	60	Flexible
				Average:	89	96	100	69	
				Std. Dev.	0	0	0	0	
COMMERCIAL DR	WHEATON AVE	DS@660W WHEATON AVE		0097-001	91	97	100	72	Flexible
COMMERCIAL DR	DS@660W WHEATON AVE	DS@1320W WHEATON AVE		0097-002	95	100	100	77	Flexible
COMMERCIAL DR	DS@1320W WHEATON AVE	EAST END		0097-003	91	94	100	74	Flexible
				Average:	93	98	100	74	
				Std. Dev.	3	3	0	3	
CONEFLOWER CT	HAYDEN DR	NORTH END		0098-001	88	93	100	67	Flexible
				Average:	88	93	100	67	
				Std. Dev.	0	0	0	0	
CONOVER CT N	NORTH END	S CONOVER CT		0264-001	86	74	100	82	Flexible
				Average:	86	74	100	82	
				Std. Dev.	0	0	0	0	
CONOVER CT S	N CONOVER CT	SOUTH END		0328-001	85	69	100	84	Flexible
				Average:	85	69	100	84	
				Std. Dev.	0	0	0	0	
CORAL DR	AUTUMN CREEK BLVD	DS@660N AUTUMN CREEK BLVD		0099-001	90	94	100	72	Flexible
CORAL DR	DS@660N AUTUMN CREEK BLVD	EMERALD LN		0099-002	90	87	100	78	Flexible
CORAL DR	EMERALD LN	NORTH END		0099-003	95	91	100	87	Flexible
				Average:	91	91	100	76	
				Std. Dev.	2	5	0	5	

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
CORALBERRY CT	BURNING BUSH DR	NORTH END		0100-001	90	94	100	71	Flexible
Average:					90	94	100	71	
Std. Dev.					0	0	0	0	
CORNEILS RD	ELDAMAIN RD	DS@660E ELDAMAIN RD		0101-001	95	100	100	78	Flexible
CORNEILS RD	DS@660E ELDAMAIN RD	DS@1320E ELDAMAIN RD		0101-002	80	77	100	62	Flexible
CORNEILS RD	DS@1320E ELDAMAIN RD	DS@1980E ELDAMAIN RD		0101-003	69	57	100	54	Flexible
CORNEILS RD	DS@1980E ELDAMAIN RD	DS@2640E ELDAMAIN RD		0101-004	68	52	100	57	Flexible
CORNEILS RD	DS@2640E ELDAMAIN RD	CITY LIMIT		0101-005	75	57	100	70	Flexible
Average:					77	69	100	64	
Std. Dev.					11	20	0	10	
CORNEILS RD	CITY LIMIT	BEECHER RD		0101-006	94	94	100	81	Flexible
CORNEILS RD	BEECHER RD	DS@660E BEECHER RD		0101-007	93	86	100	88	Flexible
CORNEILS RD	DS@660E BEECHER RD	DS@1320E BEECHER RD		0101-008	88	73	100	87	Flexible
CORNEILS RD	DS@1320E BEECHER RD	DS@1980E BEECHER RD		0101-009	95	92	100	87	Flexible
CORNEILS RD	DS@1980E BEECHER RD	DS@2640E BEECHER RD		0101-010	97	100	100	84	Flexible
CORNEILS RD	DS@2640E BEECHER RD	DS@3300E BEECHER RD		0101-011	95	91	100	88	Flexible
CORNEILS RD	DS@3300E BEECHER RD	DS@3960E BEECHER RD		0101-012	100	100	100	91	Flexible
CORNEILS RD	DS@3960E BEECHER RD	CALEDONIA DR		0101-013	99	100	100	89	Flexible
CORNEILS RD	CALEDONIA DR	DS@660E CALEDONIA DR		0101-014	93	86	100	87	Flexible
CORNEILS RD	DS@660E CALEDONIA DR	DS@1320E CALEDONIA DR		0101-015	99	100	100	88	Flexible
CORNEILS RD	DS@1320E CALEDONIA DR	DS@1980E CALEDONIA DR		0101-016	92	83	100	87	Flexible
CORNEILS RD	DS@1980E CALEDONIA DR	N BRIDGE ST		0101-017	93	94	100	80	Flexible
Average:					95	91	100	87	
Std. Dev.					4	10	0	2	
CORNEILS RD	N BRIDGE ST	DS@660E N BRIDGE ST		0101-018	85	90	100	62	Flexible
CORNEILS RD	DS@660E N BRIDGE ST	CITY LIMIT		0101-019	87	100	100	57	Flexible
Average:					86	95	100	60	
Std. Dev.					0	0	0	0	
CORNEILS RD	CITY LIMIT	CITY LIMIT		0101-021	95	96	100	83	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
CORNEILS RD	CITY LIMIT	CITY LIMIT		0101-022	87	75	100	84	Flexible
CORNEILS RD	CITY LIMIT	CITY LIMIT		0101-022	87	75	100	84	Flexible
CORNERSTONE DR	WESTWIND DR	WOOD SAGE AVE		0102-001	94	85	100	90	Flexible
CORNERSTONE DR	WOOD SAGE AVE	WESTWIND DR		0102-002	85	65	100	87	Flexible
CORNERSTONE DR	WESTWIND DR	GREEN BRIAR RD		0102-003	96	96	100	84	Flexible
COTTONWOOD CT	COTTONWOOD TRL	WEST END		0103-001	82	67	100	77	Flexible
COTTONWOOD TRL	JOHN ST	STONERIDGE CT		0104-001	83	88	100	60	Flexible
COTTONWOOD TRL	STONERIDGE CT	STONERIDGE CIR		0104-002	76	74	100	56	Flexible
COTTONWOOD TRL	STONERIDGE CIR	DIEHL FARM RD		0104-003	80	79	100	62	Flexible
COTTONWOOD TRL	DIEHL FARM RD	DS@660W DIEHL FARM RD		0104-004	82	81	100	65	Flexible
COTTONWOOD TRL	DS@660W DIEHL FARM RD	COTTONWOOD CT		0104-005	79	71	100	67	Flexible
COTTONWOOD TRL	COTTONWOOD CT	JOHN ST		0104-006	85	80	100	73	Flexible
COUNTRY HILLS DR	TREMONT AVE	RICHMOND AVE		0105-001	84	69	100	81	Flexible
COUNTRY HILLS DR	RICHMOND AVE	PRAIRIE CROSSING DR		0105-002	89	78	100	86	Flexible
COUNTRY HILLS DR	PRAIRIE CROSSING DR	PARKSIDE LN		0105-003	88	86	100	75	Flexible
COUNTRY HILLS DR	PARKSIDE LN	HAMPTON LN		0105-004	86	85	100	71	Flexible
COUNTRY HILLS DR	HAMPTON LN	GREENFIELD TURN		0105-005	91	99	100	69	Flexible
COUNTRY HILLS DR	GREENFIELD TURN	HARVEST TRL		0105-006	88	94	100	66	Flexible
COUNTRY HILLS DR	HARVEST TRL	DS@660N HARVEST TRL		0105-007	90	93	100	72	Flexible
COUNTRY HILLS DR	DS@660N HARVEST TRL	CLOVER CT		0105-008	87	97	100	60	Flexible
COUNTRY HILLS DR	CLOVER CT	SRAGECOACH TRAIL		0105-009	87	93	100	65	Flexible
COUNTRYSIDE PKWY E	E VETERANS PKWY	DS@561W E VETERANS PKWY		0130-001	93	94	97	80	Rigid
COUNTRYSIDE PKWY E	DS@561W E	E VETERANS PKWY		0130-001	90	92	91	80	Rigid

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
E COUNTRYSIDE PKWY	VETERANS PKWY								
E COUNTRYSIDE PKWY	DS@561W E	CRIMSON LN		0130-002	96	98	100	82	Rigid
E COUNTRYSIDE PKWY	VETERANS PKWY								
E COUNTRYSIDE PKWY	CRIMSON LN	DS@561W E		0130-002	90	99	90	74	Rigid
E COUNTRYSIDE PKWY	CRIMSON LN	VETERANS PKWY							
E COUNTRYSIDE PKWY	CRIMSON LN	MCHUGH RD		0130-003	93	92	100	81	Rigid
E COUNTRYSIDE PKWY	MCHUGH RD	CRIMSON LN		0130-003	90	92	100	74	Rigid
E									
Average:					92	95	97	78	
Std. Dev.					2	3	5	4	
E COUNTRYSIDE PKWY	MCHUGH RD	DS@174W MCHUGH RD		0130-004	95	97	100	82	Rigid
E COUNTRYSIDE PKWY	DS@174W MCHUGH RD	MCHUGH RD		0130-004	91	94	100	73	Rigid
E COUNTRYSIDE PKWY	DS@174W MCHUGH RD	DS@834W MCHUGH RD		0130-005	95	96	100	83	Rigid
E COUNTRYSIDE PKWY	DS@834W MCHUGH RD	DS@174W MCHUGH RD		0130-005	91	94	90	81	Rigid
E									
Average:					93	95	96	81	
Std. Dev.					3	1	7	3	
E COUNTRYSIDE PKWY	DS@834W MCHUGH RD	DS@1494W MCHUGH RD		0131-001	94	93	100	82	Rigid
E COUNTRYSIDE PKWY	DS@1494W MCHUGH RD	DS@834W MCHUGH RD		0131-001	95	97	99	81	Rigid
E COUNTRYSIDE PKWY	DS@1494W MCHUGH RD	MARKETVIEW DR		0131-002	94	92	100	84	Rigid
E COUNTRYSIDE PKWY	MARKETVIEW DR	DS@1494W MCHUGH RD		0131-002	91	93	86	83	Rigid
E COUNTRYSIDE PKWY	MARKETVIEW DR	W COUNTRYSIDE PKWY		0131-003	70	55	69	80	Rigid
E COUNTRYSIDE PKWY	W COUNTRYSIDE PKWY	MARKETVIEW DR		0131-003	95	99	100	79	Rigid
E									
Average:					89	87	91	81	
Std. Dev.					11	19	14	2	
E COUNTRYSIDE PKWY	W KENDALL DR	CENTER PKWY		0378-001	91	84	100	84	Flexible
W									
Average:					91	84	100	84	
Std. Dev.					0	0	0	0	
E COUNTRYSIDE PKWY	CENTER PKWY	PALMER CT		0378-002	95	93	100	85	Flexible
W COUNTRYSIDE PKWY	PALMER CT	CENTER PKWY		0378-002	98	100	100	87	Flexible
W COUNTRYSIDE PKWY	PALMER CT	E KENDALL DR		0378-003	98	97	100	88	Flexible
W COUNTRYSIDE PKWY	E KENDALL DR	PALMER CT		0378-003	98	96	100	90	Flexible
W COUNTRYSIDE PKWY	E KENDALL DR	E COUNTRYSIDE		0378-004	98	100	100	86	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
W COUNTRYSIDE PKWY W	E COUNTRYSIDE PKWY	PKWY E KENDALL DR		0378-004	96	94	100	87	Flexible
Average:					97	97	100	87	
Std. Dev.					1	3	0	1	
CRANSTON CIR	GRANDE TRL	HOBBS LN		0106-001	94	90	100	86	Flexible
CRANSTON CIR	HOBBS LN	DS@660W HOBBS LN		0106-002	98	99	100	87	Flexible
CRANSTON CIR	DS@660W HOBBS LN	DS@1320W HOBBS LN		0106-003	95	91	100	87	Flexible
CRANSTON CIR	DS@1320W HOBBS LN	GRANDE TRL		0106-004	95	91	100	86	Flexible
Average:					96	93	100	87	
Std. Dev.					2	4	0	1	
CRESTWOOD DR	LAUREN DR	WEST END		0107-001	98	99	100	86	Flexible
Average:					98	99	100	86	
Std. Dev.					0	0	0	0	
CRIMSON LN	SOUTH END	ORCHID ST		0108-001	92	94	100	77	Flexible
CRIMSON LN	ORCHID ST	AUTUMN CREEK BLVD		0108-002	88	88	100	72	Flexible
CRIMSON LN	AUTUMN CREEK BLVD	DS@660N AUTUMN CREEK BLVD		0108-003	97	93	100	90	Flexible
CRIMSON LN	DS@660N AUTUMN CREEK BLVD	SAGE CT		0108-004	97	93	100	90	Flexible
CRIMSON LN	SAGE CT	EMERALD LN		0108-005	92	85	100	86	Flexible
Average:					93	90	100	83	
Std. Dev.					5	4	0	10	
CRIMSON LN	E COUNTRYSIDE PKWY	PRAIRIE POINTE DR		0109-001	89	90	100	74	Flexible
CRIMSON LN	PRAIRIE POINTE DR	NORTH END		0109-002	95	90	100	87	Flexible
Average:					92	90	100	80	
Std. Dev.					0	0	0	0	
CROOKED CREEK DR	SOUTH END	TRILLIUM CT		0110-001	95	88	100	90	Flexible
CROOKED CREEK DR	TRILLIUM CT	CITY LIMIT		0110-002	94	86	100	90	Flexible
Average:					95	87	100	90	
Std. Dev.					0	0	0	0	
CROOKER DR	WEST END	BRADY ST		0111-001	71	78	100	42	Flexible
CROOKER DR	BRADY ST	TUSCANY TRL		0111-002	73	86	100	39	Flexible
Average:					72	82	100	40	
Std. Dev.					0	0	0	0	
CRYDER CT	CRYDER WAY	EAST END		0112-001	84	88	100	62	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	84	88	100	62	
				Std. Dev.	0	0	0	0	
CRYDER WAY	MCLELLAN BLVD	DS@660N MCLELLAN BLVD		0113-001	77	75	100	57	Flexible
CRYDER WAY	DS@660N MCLELLAN BLVD	CRYDER CT		0113-002	72	70	100	51	Flexible
CRYDER WAY	CRYDER CT	MCLELLAN BLVD		0113-003	74	63	100	63	Flexible
				Average:	74	70	100	56	
				Std. Dev.	3	5	0	6	
CYPRESS LN	DIEHL FARM RD	WEST END		0114-001	84	78	100	72	Flexible
				Average:	84	78	100	72	
				Std. Dev.	0	0	0	0	
DAKOTA DR	HEARTLAND DR	TUMA RD		0115-001	90	93	100	72	Flexible
				Average:	90	93	100	72	
				Std. Dev.	0	0	0	0	
DALTON AVE	LANDMARK AVE	FREEMONT ST		0116-001	86	89	100	66	Flexible
				Average:	86	89	100	66	
				Std. Dev.	0	0	0	0	
DEER ST	BEAVER ST	DS@660E BEAVER ST		0117-001	87	94	100	65	Flexible
DEER ST	DS@660E BEAVER ST	WOLF ST		0117-002	79	61	100	76	Flexible
DEER ST	BEAVER ST	SCHOOLHOUSE RD		0117-003	85	93	100	60	Flexible
				Average:	84	84	100	67	
				Std. Dev.	4	18	0	8	
DEERPATH DR	E SPRING ST	DS@660N E SPRING ST		0118-001	87	80	100	77	Flexible
DEERPATH DR	DS@660N E SPRING ST	CLEARWATER DR		0118-002	89	87	100	77	Flexible
				Average:	88	83	100	77	
				Std. Dev.	0	0	0	0	
DEERPOINT LN	HAMPTON LN	PARKSIDE LN		0119-001	83	84	100	65	Flexible
DEERPOINT LN	PARKSIDE LN	PRAIRIE CROSSING DR		0119-002	85	81	100	71	Flexible
				Average:	84	82	100	69	
				Std. Dev.	0	0	0	0	
DENISE CT	ALAN DALE LN	WEST END		0120-001	89	88	100	75	Flexible
				Average:	89	88	100	75	
				Std. Dev.	0	0	0	0	
DICKSON CT	NORTH END	E KENDALL DR		0121-001	91	84	100	84	Flexible
DICKSON CT	E KENDALL DR	SOUTH END		0121-002	91	82	100	86	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	91	83	100	85	
				Std. Dev.	0	0	0	0	
DIEHL FARM RD	JOHN ST	CYPRESS LN		0122-001	83	80	100	67	Flexible
DIEHL FARM RD	CYPRESS LN	COTTONWOOD TRL		0122-002	83	84	100	65	Flexible
DIEHL FARM RD	COTTONWOOD TRL	W VETERANS PKWY		0122-003	78	89	100	47	Flexible
				Average:	82	84	100	61	
				Std. Dev.	3	4	0	10	
DOLPH ST W	MORGAN ST	WEST END		0379-001	92	87	100	84	Flexible
				Average:	92	87	100	84	
				Std. Dev.	0	0	0	0	
DOLPH ST W	S MAIN ST	STATE ST		0380-001	93	89	100	84	Flexible
DOLPH ST W	STATE ST	ADRIAN ST		0380-002	90	79	100	86	Flexible
				Average:	92	84	100	85	
				Std. Dev.	0	0	0	0	
DOVER CT N	NORTH END	FAIRHAVEN DR		0123-001	83	81	100	68	Flexible
				Average:	83	81	100	68	
				Std. Dev.	0	0	0	0	
DOVER CT S	FAIRHAVEN DR	SOUTH END		0124-001	78	68	100	68	Flexible
				Average:	78	68	100	68	
				Std. Dev.	0	0	0	0	
DRAYTON CT	WINDETT RIDGE RD	WEST END		0125-001	85	79	100	75	Flexible
				Average:	85	79	100	75	
				Std. Dev.	0	0	0	0	
DUNBAR CT	WHITEKIRK LN	NORTH END		0126-001	96	91	100	89	Flexible
				Average:	96	91	100	89	
				Std. Dev.	0	0	0	0	
DYDYNA CT	BENJAMIN ST	EAST END		0442-001	92	86	100	85	Flexible
				Average:	92	86	100	85	
				Std. Dev.	0	0	0	0	
ELDEN DR	WINTERBERRY DR	GOLDENROD DR		0145-001	93	90	100	83	Flexible
ELDEN DR	GOLDENROD DR	DS@660N		0145-002	94	88	100	88	Flexible
ELDEN DR	DS@660N	GOLDENROD DR		0145-003	92	83	100	88	Flexible
				Average:	93	86	100	87	
				Std. Dev.	1	3	0	2	
ELIZABETH ST	S MAIN ST	DS@660W S MAIN ST		0146-001	76	73	100	56	Flexible
ELIZABETH ST	DS@660W S MAIN ST	WEST END		0146-002	71	62	100	56	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
			Average:		74	68	100	56	
			Std. Dev.		0	0	0	0	
ELLSWORTH CT	ELLSWORTH DR	EAST END		0147-001	92	91	100	80	Flexible
			Average:		92	91	100	80	
			Std. Dev.		0	0	0	0	
ELLSWORTH DR	GRANDE TRL	ELLSWORTH CT		0148-001	94	90	100	85	Flexible
ELLSWORTH DR	ELLSWORTH CT	DS@660S		0148-002	91	81	100	86	Flexible
					ELLSWORTH CT				
ELLSWORTH DR	DS@660S	DS@1320S		0148-003	96	94	100	86	Flexible
					ELLSWORTH CT				
ELLSWORTH DR	DS@1320S	GRANDE TRL		0148-004	98	100	100	85	Flexible
					ELLSWORTH CT				
			Average:		94	90	100	86	
			Std. Dev.		3	7	0	1	
ELM ST	FREEMONT ST	DS@660E FREEMONT ST		0149-001	65	56	100	46	Flexible
ELM ST	DS@660E FREEMONT ST	MCHUGH RD		0149-002	65	61	100	41	Flexible
			Average:		65	58	100	44	
			Std. Dev.		0	0	0	0	
EMERALD LN	KENNEDY RD	MADDEN CT		0150-001	87	90	100	69	Flexible
EMERALD LN	MADDEN CT	COBALT DR		0150-002	89	93	100	70	Flexible
EMERALD LN	COBALT DR	CRIMSON LN		0150-003	89	91	100	72	Flexible
EMERALD LN	CRIMSON LN	CORAL DR		0150-004	84	88	100	63	Flexible
EMERALD LN	CORAL DR	ORCHID ST		0150-005	85	79	100	74	Flexible
EMERALD LN	ORCHID ST	DS@660S ORCHID ST		0150-006	83	82	100	67	Flexible
EMERALD LN	DS@660S ORCHID ST	SIENNA DR		0150-007	85	84	100	69	Flexible
EMERALD LN	SIENNA DR	SOUTH END		0150-008	85	87	100	66	Flexible
			Average:		86	87	100	69	
			Std. Dev.		3	5	0	3	
EMERALD LN	KENNEDY RD	VIOLET CT		0432-001	91	82	100	87	Flexible
EMERALD LN	VIOLET CT	RUBY DR		0432-002	93	85	100	89	Flexible
EMERALD LN	RUBY DR	SLATE DR		0432-003	96	90	100	91	Flexible
			Average:		94	86	100	89	
			Std. Dev.		2	4	0	2	
ESSEX CT	FAIRHAVEN DR	NORTH END		0151-001	84	80	100	71	Flexible
			Average:		84	80	100	71	
			Std. Dev.		0	0	0	0	
EVERGREEN LN	JOHN ST	DS@660S JOHN ST		0152-001	74	60	100	65	Flexible
EVERGREEN LN	DS@660S JOHN ST	DS@1320S JOHN ST		0152-002	78	69	100	67	Flexible
EVERGREEN LN	DS@1320S JOHN ST	WILLOW WAY		0152-003	80	72	100	68	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	77	66	100	66	
				Std. Dev.	3	6	0	2	
FAIRFAX WAY	S BRIDGE ST	DS@660E S BRIDGE ST		0153-001	95	97	100	80	Flexible
FAIRFAX WAY	DS@660E S BRIDGE ST	PHELPS CT		0153-002	95	91	100	86	Flexible
FAIRFAX WAY	PHELPS CT	DS@660E PHELPS CT		0153-003	94	90	100	86	Flexible
FAIRFAX WAY	DS@660E PHELPS CT	KENTSHIRE DR		0153-004	96	96	100	86	Flexible
FAIRFAX WAY	KENTSHIRE DR	SUTTON ST		0153-005	94	88	100	87	Flexible
FAIRFAX WAY	SUTTON ST	WINDETT RIDGE RD		0153-006	95	91	100	87	Flexible
FAIRFAX WAY	WINDETT RIDGE RD	DS@338E WINDETT RIDGE RD		0153-007	92	89	100	81	Flexible
				Average:	95	92	100	85	
				Std. Dev.	1	4	0	3	
FAIRFAX WAY	DS@338E WINDETT RIDGE RD	FAIRFIELD AVE		0153-008	87	73	100	85	Flexible
FAIRFAX WAY	FAIRFIELD AVE	HEARTHSTONE AVE		0153-009	86	76	100	80	Flexible
FAIRFAX WAY	HEARTHSTONE AVE	RICHMOND AVE		0153-010	86	74	100	82	Flexible
				Average:	87	74	100	83	
				Std. Dev.	1	1	0	3	
FAIRFIELD AVE	COACH RD	FAIRFAX WAY		0154-001	95	94	100	83	Flexible
				Average:	95	94	100	83	
				Std. Dev.	0	0	0	0	
FAIRHAVEN DR	BOOMER LN	NEWBURY CT		0155-001	91	91	100	76	Flexible
				Average:	91	91	100	76	
				Std. Dev.	0	0	0	0	
FAIRHAVEN DR	NEWBURY CT	ESSEX CT		0155-002	87	88	100	69	Flexible
FAIRHAVEN DR	ESSEX CT	DOVER CT S		0155-003	83	79	100	70	Flexible
FAIRHAVEN DR	DOVER CT S	DS@660E DOVER CT S		0155-004	86	88	100	68	Flexible
FAIRHAVEN DR	DS@660E DOVER CT S	CHESHIRE CT		0155-005	88	91	100	69	Flexible
FAIRHAVEN DR	CHESHIRE CT	CANNONBALL TRL		0155-006	87	91	100	66	Flexible
				Average:	86	87	100	69	
				Std. Dev.	2	4	0	1	
FARMSTEAD DR	MCHUGH RD	HEARTLAND DR		0156-001	91	94	100	73	Flexible
				Average:	91	94	100	73	
				Std. Dev.	0	0	0	0	
FAWN RIDGE CT	EAST END	COUNTRY HILLS DR		0157-001	88	87	100	73	Flexible
				Average:	88	87	100	73	
				Std. Dev.	0	0	0	0	

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
FAXON RD	CITY LIMIT	DS@660E CITY LIMIT		0158-001	86	80	100	76	Flexible
FAXON RD	DS@660E CITY LIMIT	DS@1320E CITY LIMIT		0158-002	84	71	100	79	Flexible
FAXON RD	DS@1320E CITY LIMIT	DS@1980E CITY LIMIT		0158-003	83	74	100	73	Flexible
FAXON RD	DS@1980E CITY LIMIT	EDAMAIN RD		0158-004	77	80	100	52	Flexible
Average:					83	76	100	72	
Std. Dev.					3	5	0	10	
FAXON RD	CITY LIMIT	DS@660E CITY LIMIT		0159-001	98	100	100	85	Flexible
FAXON RD	DS@660E CITY LIMIT	DS@1320E CITY LIMIT		0159-002	96	88	100	93	Flexible
Average:					97	94	100	89	
Std. Dev.					0	0	0	0	
FAXON RD	DS@1320E CITY LIMIT	HIGH RIDGE LN		0159-003	95	98	100	79	Flexible
FAXON RD	HIGH RIDGE LN	ALICE AVE		0159-004	87	94	100	64	Flexible
Average:					89	95	100	68	
Std. Dev.					0	0	0	0	
FAXON RD	ALICE AVE	DS@660E ALICE AVE		0159-005	80	84	100	55	Flexible
Average:					80	84	100	55	
Std. Dev.					0	0	0	0	
FAXON RD	DS@660E ALICE AVE	DS@1320E ALICE AVE		0160-001	87	85	100	72	Flexible
FAXON RD	DS@1320E ALICE AVE	DS@1980E ALICE AVE		0160-002	80	73	100	66	Flexible
FAXON RD	DS@1980E ALICE AVE	ALAN DALE LN		0160-003	88	93	100	68	Flexible
FAXON RD	ALAN DALE LN	DS@660E ALAN DALE LN		0160-004	87	86	100	73	Flexible
FAXON RD	DS@660E ALAN DALE LN	WINTERBERRY DR		0160-005	88	88	100	72	Flexible
FAXON RD	WINTERBERRY DR	MCMURTRIE WAY		0160-006	86	83	100	72	Flexible
FAXON RD	MCMURTRIE WAY	CITY LIMIT		0160-007	93	90	100	83	Flexible
Average:					86	84	100	71	
Std. Dev.					4	7	0	4	
FIR CT	NORWAY CIR	NORTH END		0161-001	80	80	100	59	Flexible
Average:					80	80	100	59	
Std. Dev.					0	0	0	0	
FITZHUGH TURN	WINDETT RIDGE RD	SOUTH END		0162-001	94	93	100	82	Flexible
Average:					94	93	100	82	
Std. Dev.					0	0	0	0	
FLINT CREEK LN	POPLAR DR	REDHORSE LN		0163-001	90	85	100	80	Flexible
Average:					90	85	100	80	
Std. Dev.					0	0	0	0	
FONTANA DR	LONGVIEW DR	WHEATON AVE		0164-001	97	100	100	84	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
FOX ST E	EAST END	MILL ST		0132-001	80	71	100	69	Flexible
FOX ST E	MILL ST	HEUSTIS ST		0132-002	84	80	100	71	Flexible
FOX ST E	HEUSTIS ST	BELL ST		0132-003	83	70	100	78	Flexible
FOX ST E	BELL ST	S BRIDGE ST		0132-004	98	100	100	85	Flexible
FOX ST W	S BRIDGE ST	S MAIN ST		0381-001	96	100	100	82	Flexible
FOX ST W	S MAIN ST	STATE ST		0381-002	93	96	100	78	Flexible
FOX ST W	STATE ST	MORGAN ST		0381-003	90	92	100	73	Flexible
FOX ST W	MORGAN ST	DS@660W MORGAN ST		0381-004	88	94	100	66	Flexible
FOX ST W	DS@660W MORGAN ST	WHITE OAK WAY		0382-001	97	100	100	84	Flexible
FOX ST W	WHITE OAK WAY	DS@660W WHITE OAK WAY		0382-002	97	98	100	85	Flexible
FOX ST W	DS@660W WHITE OAK WAY	DS@1320W WHITE OAK WAY		0382-003	89	96	100	68	Flexible
FOX ST W	DS@1320W WHITE OAK WAY	DS@1980W WHITE OAK WAY		0382-004	87	92	100	65	Flexible
FOX ST W	DS@1980W WHITE OAK WAY	DS@2640W WHITE OAK WAY		0382-005	88	90	100	71	Flexible
FOX ST W	DS@2640W WHITE OAK WAY	POPLAR DR		0383-001	97	96	100	87	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
FREEDOM PL	KENNEDY RD	GRANDE TRL		0165-001	91	97	100	71	Flexible
FREEDOM PL	GRANDE TRL	KENNEDY RD		0165-001	86	88	100	68	Flexible
Average:					89	93	100	70	
Std. Dev.					0	0	0	0	
FREEMONT ST	SOUTH END	E SPRING ST		0166-001	89	77	100	86	Flexible
FREEMONT ST	E SPRING ST	E SOMONAUK ST		0166-002	89	78	100	86	Flexible
FREEMONT ST	E SOMONAUK ST	E PARK ST		0166-003	91	84	100	85	Flexible
FREEMONT ST	E PARK ST	ELM ST		0166-004	88	72	100	89	Flexible
FREEMONT ST	ELM ST	JACKSON ST		0166-005	89	74	100	89	Flexible
Average:					89	77	100	87	
Std. Dev.					1	4	0	2	
FREEMONT ST	JACKSON ST	WALNUT ST		0166-006	91	79	100	90	Flexible
Average:					91	79	100	90	
Std. Dev.					0	0	0	0	
FREEMONT ST	WALNUT ST	DALTON AVE		0166-007	86	84	100	72	Flexible
FREEMONT ST	DALTON AVE	LANDMARK AVE		0166-008	88	93	100	68	Flexible
Average:					87	91	100	69	
Std. Dev.					0	0	0	0	
GAME FARM RD	VETERANS PKWY	CITY LIMIT		0167-001	98	100	100	86	Flexible
GAME FARM RD	CITY LIMIT	DS@660S CITY LIMIT		0167-002	98	100	100	86	Flexible
GAME FARM RD	DS@660S CITY LIMIT	DS@1320S CITY LIMIT		0167-003	98	100	100	86	Flexible
GAME FARM RD	DS@1320S CITY LIMIT	DS@1980S CITY LIMIT		0167-004	98	100	100	86	Flexible
GAME FARM RD	DS@1980S CITY LIMIT	W SOMONAUK ST		0167-005	97	100	100	83	Flexible
Average:					98	100	100	86	
Std. Dev.					0	0	0	1	
GARDEN CIR	GARDEN ST	DS@660S GARDEN ST		0168-001	87	93	100	66	Flexible
GARDEN CIR	DS@660S GARDEN ST	DS@1320S GARDEN ST		0168-002	89	96	100	67	Flexible
GARDEN CIR	DS@1320S GARDEN ST	GARDEN ST		0168-003	85	80	100	73	Flexible
Average:					88	92	100	68	
Std. Dev.					2	5	0	3	
GARDEN ST	S BRIDGE ST	WOOD SAGE AVE		0169-001	89	96	100	67	Flexible
GARDEN ST	WOOD SAGE AVE	GARDEN CIR		0169-002	90	91	100	74	Flexible
Average:					89	95	100	68	
Std. Dev.					0	0	0	0	
GARDINER AVE	BERTRAM DR	HARRISON ST		0170-001	83	74	100	75	Flexible
GARDINER AVE	HARRISON ST	PIERPONT LN		0170-002	83	73	100	74	Flexible
GARDINER AVE	PIERPONT LN	BERTRAM DR		0170-003	82	74	100	70	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type	
GILLESPIE LN	EAST END	BEECHER RD	Average:		83	73	100	73	Flexible	
			Std. Dev.		0	1	0	2		
			0172-001		92	96	100	75		
			Average:		92	96	100	75		
Std. Dev.		0	0	0	0					
GLENEAGLES LN	WHITEKIRK LN	SHETLAND CT	0173-001		93	85	100	88	Flexible	
			Average:		93	85	100	88		
			Std. Dev.		0	0	0	0		
			0174-001		89	76	100	88		Flexible
GOLDENROD DR	MCMURTRIE WAY	DS@660S MCMURTRIE WAY	0174-002		93	85	100	89		
			Average:		91	81	100	89		
			Std. Dev.		0	0	0	0		
			GOLDFINCH AVE	WREN RD	HAWK HOLLOW DR	0175-001		95	96	100
0175-002		91				85	100	84	Flexible	
0175-003		96				96	100	86		
Average:		94				93	100	84		
Std. Dev.		3	6	0	2					
GRACE DR	E SPRING ST	DS@699E E SPRING ST	0176-001		89	88	100	74	Flexible	
			0176-002		89	87	100	76		Flexible
			Average:		89	87	100	75		
			Std. Dev.		0	0	0	0		
GRANDE TRAIL CT	GRANDE TRL	EAST END	0177-001		91	85	100	82	Flexible	
			Average:		91	85	100	82		
			Std. Dev.		0	0	0	0		
			0178-001		78	86	100	49		Flexible
GRANDE TRL	SUNSET AVE	SQUIRE CIR	0178-002		73	75	100	47	Flexible	
			0178-003		72	79	100	42		
			0178-004		78	88	100	46		
			Average:		75	82	100	46		
Std. Dev.		3	6	0	3					
GRANDE TRL	MCLELLAN BLVD	BURR ST	0178-005		79	94	100	43	Flexible	
			0178-006		75	88	100	40		Flexible
			Average:		77	92	100	42		
			Std. Dev.		0	0	0	0		
GRANDE TRL	AMERICAN WAY	CRANSTON CIR	0178-007	95	100	100	79	Flexible		

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
GRANDE TRL	CRANSTON CIR	HOBBS LN		0178-008	98	100	100	85	Flexible
GRANDE TRL	HOBBS LN	GRANDE TRAIL CT		0178-009	98	100	100	87	Flexible
GRANDE TRL	GRANDE TRAIL CT	CRANSTON CIR		0178-010	98	100	100	87	Flexible
GRANDE TRL	CRANSTON CIR	ELLSWORTH DR		0178-011	98	100	100	86	Flexible
GRANDE TRL	ELLSWORTH DR	HOLLENBACK CT		0178-012	96	100	100	82	Flexible
GRANDE TRL	HOLLENBACK CT	ELLSWORTH DR		0178-013	95	99	100	80	Flexible
GRANDE TRL	ELLSWORTH DR	JUSTICE DR		0178-014	98	100	100	86	Flexible
Average:					97	100	100	84	
Std. Dev.					1	0	0	3	
GRANDE TRL	JUSTICE DR	MCLELLAN BLVD		0178-015	82	90	100	55	Flexible
GRANDE TRL	MCLELLAN BLVD	DS@660N MCLELLAN BLVD		0178-016	82	90	100	56	Flexible
GRANDE TRL	DS@660N MCLELLAN BLVD	CONSTITUTION WAY		0178-017	81	88	100	55	Flexible
GRANDE TRL	CONSTITUTION WAY	FREEDOM PL		0178-018	84	90	100	61	Flexible
GRANDE TRL	FREEDOM PL	DS@660N FREEDOM PL		0178-019	87	90	100	67	Flexible
GRANDE TRL	DS@660N FREEDOM PL	MATLOCK DR		0178-020	80	82	100	59	Flexible
Average:					83	88	100	59	
Std. Dev.					3	4	0	5	
GREEN BRIAR RD	WALSH DR	DS@660E WALSH DR		0179-001	74	74	82	63	Flexible-G
GREEN BRIAR RD	DS@660E WALSH DR	WALSH DR		0179-001	77	76	83	66	Flexible-G
GREEN BRIAR RD	DS@660E WALSH DR	CORNERSTONE DR		0179-002	80	86	86	64	Flexible-G
GREEN BRIAR RD	CORNERSTONE DR	DS@660E WALSH DR		0179-002	80	83	86	66	Flexible-G
GREEN BRIAR RD	CORNERSTONE DR	DS@660E CORNERSTONE DR		0179-003	78	88	86	56	Flexible-G
GREEN BRIAR RD	DS@660E CORNERSTONE DR	CORNERSTONE DR		0179-003	74	79	82	56	Flexible-G
GREEN BRIAR RD	DS@660E CORNERSTONE DR	S BRIDGE ST		0179-004	82	99	93	51	Flexible-G
GREEN BRIAR RD	S BRIDGE ST	DS@660E CORNERSTONE DR		0179-004	83	84	84	75	Flexible-G
Average:					78	83	85	62	
Std. Dev.					4	8	3	7	
GREENFIELD TURN	COUNTRY HILLS DR	MEADOWLARK LN		0180-001	87	94	100	65	Flexible
GREENFIELD TURN	MEADOWLARK LN	MEADOWLARK LN		0180-002	89	97	100	66	Flexible
GREENFIELD TURN	MEADOWLARK LN	DS@660W MEADOWLARK LN		0180-003	87	92	100	67	Flexible
GREENFIELD TURN	DS@660W MEADOWLARK LN	SUNNY DELL CT		0180-004	83	75	100	73	Flexible
GREENFIELD TURN	SUNNY DELL CT	DS@660W SUNNY DELL CT		0180-005	80	69	100	72	Flexible
GREENFIELD TURN	DS@660W SUNNY DELL CT	CLOVER CT		0180-006	92	96	100	74	Flexible
Average:					86	87	100	69	
Std. Dev.					4	13	0	4	
HALEY CT	HOMESTEAD DR	WEST END		0181-001	82	69	100	77	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
HALF MOON DR	WINCHESTER LN	BRISTOL BAY DR	0182-001	Average:	82	69	100	77	Flexible
				Std. Dev.	0	0	0	0	
HAMPTON LN	COUNTRY HILLS DR	DS@660E COUNTRY HILLS DR	0183-001	Average:	86	79	100	76	Flexible
				Std. Dev.	0	0	0	0	
HAMPTON LN	DS@660E COUNTRY HILLS DR	DEERPOINT LN	0183-002		88	88	100	72	Flexible
HAMPTON LN	DEERPOINT LN	INGEMUNSON LN	0183-003		89	92	100	71	Flexible
HAMPTON LN	INGEMUNSON LN	BLUEBIRD LN	0183-004		88	87	100	73	Flexible
HAMPTON LN	BLUEBIRD LN	DS@660E BLUEBIRD LN	0183-005		91	94	100	75	Flexible
HAMPTON LN	DS@660E BLUEBIRD LN	CANARY AVE	0183-006		90	93	100	72	Flexible
HAMPTON LN	CANARY AVE	PRAIRIE CROSSING DR	0183-007		89	88	100	74	Flexible
HARRISON ST	GARDINER AVE	BERTRAM DR	0184-001	Average:	89	90	100	73	Flexible
				Std. Dev.	2	4	0	2	
HARVEST TRL	COUNTRY HILLS DR	EAST END	0186-001	Average:	89	79	100	84	Flexible
				Std. Dev.	0	0	0	0	
HAWK HOLLOW DR	PRAIRIE CROSSING DR	GOLDFINCH AVE	0187-001	Average:	91	96	100	72	Flexible
				Std. Dev.	0	0	0	0	
HAWK HOLLOW DR	PRAIRIE CROSSING DR	GOLDFINCH AVE	0187-001	Average:	95	99	100	78	Flexible
				Std. Dev.	0	0	0	0	
HAWTHORNE CT	WALSH DR	WEST END	0188-001	Average:	84	82	100	68	Flexible
				Std. Dev.	0	0	0	0	
HAYDEN DR	MCHUGH RD	WILD INDIGO LN	0189-001		92	97	100	74	Flexible
HAYDEN DR	WILD INDIGO LN	PRAIRIE CLOVER DR	0189-002		86	90	100	66	Flexible
HAYDEN DR	PRAIRIE CLOVER DR	PRAIRIE ROSE LN	0189-003		85	84	100	68	Flexible
HAYDEN DR	PRAIRIE ROSE LN	CONEFLOWER CT	0189-004		85	86	100	66	Flexible
HAYDEN DR	CONEFLOWER CT	SWITCHGRASS LN	0189-005		87	90	100	69	Flexible
HAYDEN DR	SWITCHGRASS LN	PRAIRE GRASS LN	0189-006		84	78	100	73	Flexible
HAYDEN DR	PRAIRE GRASS LN	DS@660N PRAIRE GRASS LN	0189-007		88	86	100	74	Flexible
HAYDEN DR	DS@660N PRAIRE GRASS LN	BLUESTEM DR	0189-008		83	77	100	72	Flexible

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## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	86	86	100	70	
				Std. Dev.	2	6	0	4	
HAZELTINE WAY	KINGSMILL ST	BANBURY AVE		0190-001	92	100	100	70	Flexible
HAZELTINE WAY	BANBURY AVE	WESTON AVE		0190-002	87	90	100	67	Flexible
HAZELTINE WAY	WESTON AVE	RAINTREE RD		0190-003	93	99	100	73	Flexible
				Average:	91	97	100	70	
				Std. Dev.	3	5	0	2	
HEARTHSTONE AVE	FAIRFAX WAY	MANCHESTER LN		0191-001	86	73	100	83	Flexible
HEARTHSTONE AVE	MANCHESTER LN	DS@660N		0191-002	94	90	100	85	Flexible
HEARTHSTONE AVE	DS@660N	MANCHESTER LN		0191-003	87	77	100	81	Flexible
				Average:	90	82	100	83	
				Std. Dev.	5	10	0	2	
HEARTLAND DR	HOMESTEAD DR	DS@660W		0192-001	86	85	100	70	Flexible
HEARTLAND DR	DS@660W	HOMESTEAD DR		0192-002	90	96	100	70	Flexible
HEARTLAND DR	DAKOTA DR	MISTWOOD CT		0192-003	86	85	100	71	Flexible
HEARTLAND DR	MISTWOOD CT	DS@660W		0192-004	89	90	100	72	Flexible
HEARTLAND DR	DS@660W	MISTWOOD CT		0192-005	87	87	100	72	Flexible
HEARTLAND DR	DS@1320W	MISTWOOD CT		0192-006	86	83	100	72	Flexible
HEARTLAND DR	FARMSTEAD DR	DS@660W		0192-007	87	88	100	71	Flexible
HEARTLAND DR	DS@660W	FARMSTEAD DR		0192-008	89	91	100	73	Flexible
				Average:	87	88	100	71	
				Std. Dev.	1	3	0	1	
HENNING LN	ALDEN AVE	ROOD ST		0193-001	82	85	100	59	Flexible
HENNING LN	ROOD ST	CRYDER WAY		0193-002	78	68	100	67	Flexible
				Average:	80	76	100	63	
				Std. Dev.	0	0	0	0	
HERITAGE DR	HEARTLAND DR	MCHUGH RD		0194-001	95	100	100	78	Flexible
				Average:	95	100	100	78	
				Std. Dev.	0	0	0	0	
HEUSTIS ST	E ORANGE ST	E WASHINGTON ST		0195-001	98	100	100	86	Flexible
HEUSTIS ST	E WASHINGTON ST	E FOX ST		0195-002	97	100	100	84	Flexible
				Average:	97	100	100	85	
				Std. Dev.	0	0	0	0	
HEUSTIS ST	E FOX ST	DS@660N E FOX ST		0195-003	87	91	100	68	Flexible

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HEUSTIS ST	DS@660N E FOX ST	E VAN EMMON ST		0195-004	91	99	100	68	Flexible
HEUSTIS ST	E VAN EMMON ST	E HYDRAULIC AVE		0195-005	88	91	100	69	Flexible
Average:					88	92	100	68	
Std. Dev.					2	3	0	1	
HIGH RIDGE LN	FAXON RD	IROQUOIS LN		0196-001	94	99	100	76	Flexible
HIGH RIDGE LN	IROQUOIS LN	CANYON TRAIL CT		0196-002	92	94	100	76	Flexible
HIGH RIDGE LN	CANYON TRAIL CT	WHITE PLAINS LN		0196-003	92	99	100	72	Flexible
HIGH RIDGE LN	WHITE PLAINS LN	WESTERN LN		0196-004	92	96	100	75	Flexible
Average:					92	97	100	75	
Std. Dev.					1	2	0	2	
HIGH RIDGE LN	WESTERN LN	BLACKBERRY SHORE LN		0196-005	93	90	100	83	Flexible
Average:					93	90	100	83	
Std. Dev.					0	0	0	0	
HIGHPOINT RD W	CITY LIMIT	DS@660S CITY LIMIT		0384-001	100	100	100	90	Flexible
HIGHPOINT RD W	DS@660S CITY LIMIT	DS@1320S CITY LIMIT		0384-002	72	70	58	76	Flexible
HIGHPOINT RD W	DS@1320S CITY LIMIT	DS@1980S CITY LIMIT		0384-003	78	88	78	61	Flexible
HIGHPOINT RD W	DS@1980S CITY LIMIT	DS@2640S CITY LIMIT		0384-004	83	86	78	76	Flexible
HIGHPOINT RD W	DS@2640S CITY LIMIT	DS@3300S CITY LIMIT		0384-005	86	84	100	72	Flexible
HIGHPOINT RD W	DS@3300S CITY LIMIT	BUDD RD		0384-006	93	94	100	79	Flexible
HIGHPOINT RD W	BUDD RD	STAGECOACH TRAIL		0384-007	85	85	88	76	Flexible
Average:					84	86	85	75	
Std. Dev.					8	9	16	8	
HIGHPOINT RD W	STAGECOACH TRAIL	DS@660S STAGECOACH TRAIL		0384-008	88	89	100	72	Flexible
HIGHPOINT RD W	DS@660S STAGECOACH TRAIL	DS@1320S STAGECOACH TRAIL		0384-009	85	90	100	64	Flexible
HIGHPOINT RD W	DS@1320S STAGECOACH TRAIL	CITY LIMIT		0384-010	93	97	100	75	Flexible
Average:					88	91	100	69	
Std. Dev.					3	3	0	6	
HILLCREST AVE	PRAIRIE LN	CENTER PKWY		0197-001	87	69	100	89	Flexible
HILLCREST AVE	CENTER PKWY	SUNSET AVE		0197-002	81	55	100	87	Flexible
Average:					85	64	100	88	
Std. Dev.					0	0	0	0	
HOBBS CT	HOBBS LN	SOUTH END		0198-001	98	99	100	86	Flexible
Average:					98	99	100	86	
Std. Dev.					0	0	0	0	
HOBBS LN	GRANDE TRL	HOBBS CT		0199-001	95	91	100	86	Flexible
HOBBS LN	HOBBS CT	CRANSTON CIR		0199-002	95	91	100	87	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	95	91	100	87	
				Std. Dev.	0	0	0	0	
HOLLENBACK CT	GRANDE TRL	EAST END		0200-001	94	93	100	83	Flexible
				Average:	94	93	100	83	
				Std. Dev.	0	0	0	0	
HOMESTEAD DR	ARROWHEAD DR	HALEY CT		0201-001	88	88	100	72	Flexible
HOMESTEAD DR	HALEY CT	OMAHA DR		0201-002	91	96	100	72	Flexible
HOMESTEAD DR	OMAHA DR	DS@660W OMAHA DR		0201-003	84	79	100	71	Flexible
HOMESTEAD DR	DS@660W OMAHA DR	WHEATLAND CT		0201-004	85	79	100	73	Flexible
HOMESTEAD DR	WHEATLAND CT	DS@660W WHEATLAND CT		0201-005	90	96	100	70	Flexible
HOMESTEAD DR	DS@660W WHEATLAND CT	HEARTLAND DR		0201-006	87	88	100	69	Flexible
				Average:	88	89	100	71	
				Std. Dev.	4	9	0	1	
HONEYSUCKLE LN	ALAN DALE LN	CATALPA TRL		0202-001	95	90	100	89	Flexible
HONEYSUCKLE LN	CATALPA TRL	SUMAC DR		0202-002	93	82	100	90	Flexible
				Average:	94	87	100	89	
				Std. Dev.	0	0	0	0	
HYDRAULIC AVE E	MILL ST	HEUSTIS ST		0133-001	83	72	100	75	Flexible
HYDRAULIC AVE E	HEUSTIS ST	S BRIDGE ST		0133-002	89	89	100	73	Flexible
				Average:	87	84	100	74	
				Std. Dev.	0	0	0	0	
HYDRAULIC AVE W	E HYDRAULIC AVE	S MAIN ST		0385-001	89	94	100	69	Flexible
HYDRAULIC AVE W	S MAIN ST	STATE ST		0385-002	88	99	100	62	Flexible
HYDRAULIC AVE W	STATE ST	ADAMS ST		0385-003	82	89	100	56	Flexible
HYDRAULIC AVE W	ADAMS ST	MORGAN ST		0385-004	92	100	100	70	Flexible
				Average:	88	96	100	65	
				Std. Dev.	4	4	0	6	
HYDRAULIC AVE W	MORGAN ST	WEST END		0385-005	98	98	100	87	Flexible
				Average:	98	98	100	87	
				Std. Dev.	0	0	0	0	
IDENTA RD	STAGECOACH TRAIL	DS@660W STAGECOACH TRAIL		0203-001	93	100	100	74	Flexible
IDENTA RD	DS@660W STAGECOACH TRAIL	CITY LIMIT		0203-002	89	90	100	73	Flexible
				Average:	91	96	100	74	
				Std. Dev.	0	0	0	0	
ILLINI CT	ILLINI DR	SOUTH END		0204-001	74	63	100	61	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	74	63	100	61	
				Std. Dev.	0	0	0	0	
ILLINI DR	WALTER ST	ILLINI CT		0205-001	77	66	100	66	Flexible
ILLINI DR	ILLINI CT	MILL ST		0205-002	83	74	100	73	Flexible
				Average:	80	70	100	70	
				Std. Dev.	0	0	0	0	
INDEPENDENCE BLVD	NORTH END	JOHN ST		0206-001	92	84	100	86	Flexible
INDEPENDENCE BLVD	JOHN ST	DS@660W JOHN ST		0206-002	90	79	100	87	Flexible
INDEPENDENCE BLVD	DS@660W JOHN ST	CANNONBALL TRL		0206-003	90	77	100	88	Flexible
				Average:	90	78	100	88	
				Std. Dev.	0	2	0	1	
INDEPENDENCE CT	CANNONBALL TRL	WEST END		0207-001	87	70	100	88	Flexible
				Average:	87	70	100	88	
				Std. Dev.	0	0	0	0	
INGEMUNSON LN	PRAIRIE CROSSING DR	DS@660N PRAIRIE CROSSING		0208-001	89	95	100	69	Flexible
INGEMUNSON LN	DS@660N PRAIRIE CROSSING	HAMPTON LN		0208-002	86	88	100	68	Flexible
				Average:	88	93	100	69	
				Std. Dev.	0	0	0	0	
IROQUOIS LN	WESTERN LN	WHITE PLAINS LN		0209-001	91	93	100	75	Flexible
IROQUOIS LN	WHITE PLAINS LN	DS@660N WHITE PLAINS LN		0209-002	90	88	100	78	Flexible
IROQUOIS LN	DS@660N WHITE PLAINS LN	DS@1320N WHITE PLAINS LN		0209-003	91	94	100	74	Flexible
IROQUOIS LN	DS@1320N WHITE PLAINS LN	HIGH RIDGE LN		0209-004	90	91	100	75	Flexible
				Average:	91	91	100	76	
				Std. Dev.	1	3	0	2	
JACKSON ST	BRISTOL AVE	DS@660E BRISTOL AVE		0210-001	97	96	100	88	Flexible
JACKSON ST	DS@660E BRISTOL AVE	FREEMONT ST		0210-002	98	94	100	91	Flexible
				Average:	97	96	100	89	
				Std. Dev.	0	0	0	0	
JACKSON ST	FREEMONT ST	DS@660E FREEMONT ST		0210-003	59	43	100	44	Flexible
JACKSON ST	DS@660E FREEMONT ST	MARTIN AVE		0210-004	66	70	100	35	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	62	54	100	40	
				Std. Dev.	0	0	0	0	
JOHN ST	INDEPENDENCE BLVD	DS@660W INDEPENDENCE BLVD		0212-001	89	72	100	90	Flexible
JOHN ST	DS@660W INDEPENDENCE BLVD	CANNONBALL TRL		0212-002	85	63	100	89	Flexible
JOHN ST	CANNONBALL TRL	CORNELL LN		0212-003	96	94	100	86	Flexible
				Average:	91	78	100	88	
				Std. Dev.	5	14	0	3	
JOHN ST	SOUTH END	WILLOW WAY		0213-001	88	80	100	81	Flexible
JOHN ST	WILLOW WAY	WILLOW WAY		0213-002	83	71	100	77	Flexible
JOHN ST	WILLOW WAY	EVERGREEN LN		0213-003	89	84	100	80	Flexible
JOHN ST	EVERGREEN LN	COTTONWOOD TRL		0213-004	85	82	100	70	Flexible
JOHN ST	COTTONWOOD TRL	ASPEN LN		0213-005	78	70	100	66	Flexible
JOHN ST	ASPEN LN	WHITE PINE CT		0213-006	80	75	100	65	Flexible
JOHN ST	WHITE PINE CT	DIEHL FARM RD		0213-007	85	81	100	72	Flexible
JOHN ST	DIEHL FARM RD	ASPEN LN		0213-008	77	69	100	63	Flexible
JOHN ST	ASPEN LN	CHESTNUT LN		0213-009	73	69	100	54	Flexible
				Average:	83	76	100	71	
				Std. Dev.	5	7	0	9	
JOHN ST	CHESTNUT LN	SYCAMORE RD		0214-001	80	75	100	64	Flexible
JOHN ST	SYCAMORE RD	CHESTNUT LN		0214-002	83	74	100	75	Flexible
JOHN ST	CHESTNUT LN	EAST END		0214-003	88	80	100	80	Flexible
				Average:	83	75	100	71	
				Std. Dev.	3	2	0	8	
JOHNSON ST	BEHRENS ST	MAIN ST		0215-001	87	70	100	88	Flexible
JOHNSON ST	MAIN ST	SOUTH END		0215-002	88	83	100	77	Flexible
				Average:	88	77	100	82	
				Std. Dev.	0	0	0	0	
KATE DR	CLEARWATER DR	DS@660W CLEARWATER DR		0216-001	87	83	100	74	Flexible
KATE DR	DS@660W CLEARWATER DR	OMAHA DR		0216-002	89	86	100	77	Flexible
				Average:	88	84	100	75	
				Std. Dev.	0	0	0	0	
KELLY AVE	POPLAR DR	KELLY CT		0217-001	88	87	100	74	Flexible
KELLY AVE	KELLY CT	DS@660N KELLY CT		0217-002	86	80	100	75	Flexible
KELLY AVE	DS@660N KELLY CT	POPLAR DR		0217-003	86	81	100	75	Flexible
KELLY AVE	POPLAR DR	REDHORSE LN		0217-004	88	84	100	77	Flexible
KELLY AVE	REDHORSE LN	EAST END		0217-005	85	75	100	77	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	87	82	100	76	
				Std. Dev.	1	3	0	1	
KELLY CT	KELLY AVE	SOUTH END	0218-001	88	91	100	70	Flexible	
				Average:	88	91	100	70	
				Std. Dev.	0	0	0	0	
KENDALL DR E	W COUNTRYSIDE PKWY	MULHERN CT	0134-001	97	100	100	84	Flexible	
KENDALL DR E	MULHERN CT	DS@660S MULHERN CT	0134-002	92	87	100	84	Flexible	
KENDALL DR E	DS@660S MULHERN CT	DICKSON CT	0134-003	94	90	100	85	Flexible	
KENDALL DR E	DICKSON CT	DS@660S DICKSON CT	0134-004	91	85	100	84	Flexible	
KENDALL DR E	DS@660S DICKSON CT	CENTER PKWY	0134-005	95	94	100	85	Flexible	
				Average:	93	90	100	84	
				Std. Dev.	2	6	0	1	
KENDALL DR W	CENTER PKWY	ANDERSON CT	0386-001	96	93	100	87	Flexible	
KENDALL DR W	ANDERSON CT	DS@672S ANDERSON CT	0386-002	96	93	100	87	Flexible	
KENDALL DR W	DS@672S ANDERSON CT	STRAWBERRY LN	0386-003	96	94	100	87	Flexible	
KENDALL DR W	STRAWBERRY LN	DS@660S STRAWBERRY LN	0386-004	93	90	100	84	Flexible	
KENDALL DR W	DS@660S STRAWBERRY LN	W BLACKBERRY LN	0386-005	97	99	100	85	Flexible	
KENDALL DR W	W BLACKBERRY LN	DS@660S W BLACKBERRY LN	0386-006	96	94	100	87	Flexible	
KENDALL DR W	DS@660S W BLACKBERRY LN	W COUNTRYSIDE PKWY	0386-007	96	96	100	86	Flexible	
KENDALL DR W	W COUNTRYSIDE PKWY	POWERS CT	0386-008	97	100	100	84	Flexible	
KENDALL DR W	POWERS CT	CENTER PKWY	0386-009	98	100	100	86	Flexible	
				Average:	96	95	100	86	
				Std. Dev.	2	4	0	1	
KENNEDY RD	CITY LIMIT	EMERALD LN	0219-001	92	100	100	74	Flexible	
KENNEDY RD	EMERALD LN	DS@660E EMERALD LN	0219-002	88	96	100	68	Flexible	
KENNEDY RD	DS@660E EMERALD LN	DS@1320E EMERALD LN	0219-003	79	83	61	82	Flexible	
				Average:	86	93	87	75	
				Std. Dev.	7	9	23	7	
KENNEDY RD	DS@1320E EMERALD LN	DS@1980E EMERALD LN	0219-004	96	99	100	84	Flexible	
KENNEDY RD	DS@1980E EMERALD LN	DS@2640E EMERALD LN	0219-005	94	94	100	85	Flexible	

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KENNEDY RD	DS@2640E EMERALD LN	BRISTOL RIDGE RD		0219-006	83	84	78	80	Flexible
Average:					93	95	97	84	
Std. Dev.					4	5	7	1	
KENNEDY RD	BRISTOL RIDGE RD	DS@800E BRISTOL RIDGE RD		0219-007	95	100	100	82	Flexible
KENNEDY RD	DS@800E BRISTOL RIDGE RD	THEREAS AVE		0219-008	93	91	98	86	Flexible
KENNEDY RD	THEREAS AVE	DS@660E THEREAS AVE		0219-009	96	99	100	85	Flexible
KENNEDY RD	DS@660E THEREAS AVE	DS@1320E THEREAS AVE		0219-010	97	100	100	86	Flexible
KENNEDY RD	DS@1320E THEREAS AVE	DS@1980E THEREAS AVE		0219-011	96	97	100	86	Flexible
KENNEDY RD	DS@1980E THEREAS AVE	FREEDOM PL		0219-012	95	96	100	85	Flexible
KENNEDY RD	FREEDOM PL	DS@660E FREEDOM PL		0219-013	92	96	92	83	Flexible
KENNEDY RD	DS@660E FREEDOM PL	DS@1320E FREEDOM PL		0219-014	94	95	100	83	Flexible
KENNEDY RD	DS@1320E FREEDOM PL	BAILEY RD		0219-015	96	100	100	84	Flexible
KENNEDY RD	BAILEY RD	MILL RD		0219-016	95	98	100	84	Flexible
KENNEDY RD	MILL RD	MILL RD		0219-017	97	100	100	86	Flexible
KENNEDY RD	MILL RD	GALENA RD		0219-018	96	100	100	84	Flexible
Average:					95	98	99	84	
Std. Dev.					2	3	3	2	
KENNEDY RD	N BRIDGE ST	W LEXINGTON CIR		0220-001	85	94	100	61	Flexible
KENNEDY RD	W LEXINGTON CIR	MARKETVIEW DR		0220-002	83	99	100	51	Flexible
KENNEDY RD	MARKETVIEW DR	DS@660E MARKETVIEW DR		0220-003	83	100	100	49	Flexible
KENNEDY RD	DS@660E MARKETVIEW DR	E LEXINGTON CIR		0220-004	85	94	100	60	Flexible
KENNEDY RD	E LEXINGTON CIR	DS@660E E LEXINGTON CIR		0220-005	78	99	100	39	Flexible
KENNEDY RD	DS@660E E LEXINGTON CIR	MCHUGH RD		0220-006	81	100	100	44	Flexible
KENNEDY RD	MCHUGH RD	DS@660E MCHUGH RD		0220-007	80	100	100	42	Flexible
KENNEDY RD	DS@660E MCHUGH RD	PRAIRIE MEADOWS DR		0220-008	83	100	100	49	Flexible
KENNEDY RD	PRAIRIE MEADOWS DR	DS@660E PRAIRIE MEADOWS D		0220-009	76	92	79	54	Flexible
Average:					81	98	97	49	
Std. Dev.					3	4	9	7	
KENNEDY RD	DS@660E PRAIRIE MEADOWS D	CHRISTY LN		0220-010	91	99	100	71	Flexible
KENNEDY RD	CHRISTY LN	DS@660E CHRISTY LN		0220-011	82	86	83	72	Flexible
KENNEDY RD	DS@660E CHRISTY LN	AUTUMN CREEK		0220-012	92	100	100	74	Flexible

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KENNEDY RD	LN	BLVD							
	AUTUMN CREEK	CITY LIMIT		0220-013	93	100	100	76	Flexible
	BLVD								
				Average:	89	95	94	73	
				Std. Dev.	6	8	10	2	
KENTSHIRE DR	WINDETT RIDGE RD	CAULFIELD PT		0221-001	93	90	100	84	Flexible
KENTSHIRE DR	CAULFIELD PT	DS@660W CAULFIELD PT		0221-002	96	94	100	86	Flexible
				Average:	95	93	100	85	
				Std. Dev.	0	0	0	0	
KENTSHIRE DR	DS@660W CAULFIELD	WILTON CT		0222-001	89	82	100	81	Flexible
	PT								
KENTSHIRE DR	WILTON CT	FAIRFAX WAY		0222-002	93	90	100	84	Flexible
				Average:	92	88	100	83	
				Std. Dev.	0	0	0	0	
KING ST	W RIVER ST	W MAIN ST		0223-001	72	70	100	50	Flexible
KING ST	W MAIN ST	W CENTER ST		0223-002	77	91	100	41	Flexible
KING ST	W CENTER ST	W SOMONAUK ST		0223-003	88	88	100	72	Flexible
				Average:	80	84	100	56	
				Std. Dev.	8	10	0	17	
KINGSMILL CT	KINGSMILL ST	NORTH END		0224-001	89	85	100	77	Flexible
				Average:	89	85	100	77	
				Std. Dev.	0	0	0	0	
KINGSMILL ST	RAINTREE RD	WESTON AVE		0225-001	93	97	100	75	Flexible
KINGSMILL ST	WESTON AVE	BANBURY AVE		0225-002	90	99	100	66	Flexible
KINGSMILL ST	BANBURY AVE	BALTRUSOL CT		0225-003	85	85	100	68	Flexible
				Average:	88	92	100	69	
				Std. Dev.	4	9	0	4	
KINGSMILL ST	BANBURY AVE	BALTRUSOL CT		0226-001	96	98	100	82	Flexible
KINGSMILL ST	BALTRUSOL CT	VILLAGE VIEW DR		0226-002	92	91	100	79	Flexible
KINGSMILL ST	VILLAGE VIEW DR	HAZELTINE WAY		0226-003	87	79	100	79	Flexible
				Average:	91	89	100	79	
				Std. Dev.	3	7	0	1	
LANDMARK AVE	N BRIDGE ST	DALTON AVE		0227-001	95	100	100	77	Flexible
LANDMARK AVE	DALTON AVE	FREEMONT ST		0227-002	83	80	100	67	Flexible
LANDMARK AVE	FREEMONT ST	DS@660E FREEMONT ST		0227-003	91	92	100	75	Flexible
LANDMARK AVE	DS@660E FREEMONT	MARKETPLACE DR		0227-004	91	100	100	68	Flexible
	ST								
				Average:	91	94	100	74	
				Std. Dev.	4	7	0	4	

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## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
LAUREN DR	NORTH END	CALEDONIA DR		0228-001	98	100	100	86	Flexible
LAUREN DR	CALEDONIA DR	CRESTWOOD DR		0228-002	98	100	100	86	Flexible
LAUREN DR	CRESTWOOD DR	SHADOW WOOD DR		0228-003	99	100	100	89	Flexible
Average:					99	100	100	88	
Std. Dev.					1	0	0	2	
LAVENDER WAY	AUTUMN CREEK BLVD	SIENNA DR		0231-001	90	87	100	78	Flexible
LAVENDER WAY	SIENNA DR	DS@660N SIENNA DR		0231-002	86	76	100	80	Flexible
LAVENDER WAY	DS@660N SIENNA DR	ORCHID ST		0231-003	89	83	100	81	Flexible
Average:					88	82	100	79	
Std. Dev.					3	7	0	1	
LEHMAN CROSSING	BERRYWOOD LN	NORTH END		0232-001	82	78	100	68	Flexible
Average:					82	78	100	68	
Std. Dev.					0	0	0	0	
LEISURE ST	PRAIRIE LN	DS@660E PRAIRIE LN		0233-001	89	76	100	87	Flexible
Average:					89	76	100	87	
Std. Dev.					0	0	0	0	
LEISURE ST	DS@660E PRAIRIE LN	SUNSET AVE		0234-001	92	85	100	86	Flexible
Average:					92	85	100	86	
Std. Dev.					0	0	0	0	
LIBERTY ST	SOUTH END	E MAIN ST		0235-001	91	87	100	80	Flexible
LIBERTY ST	E MAIN ST	E CENTER ST		0235-002	88	89	100	71	Flexible
LIBERTY ST	E CENTER ST	E SPRING ST		0235-003	87	85	100	73	Flexible
LIBERTY ST	E SPRING ST	E SOMONAUK ST		0235-004	85	76	100	76	Flexible
LIBERTY ST	E SOMONAUK ST	E PARK ST		0235-005	79	59	100	79	Flexible
Average:					86	79	100	75	
Std. Dev.					4	13	0	4	
LILAC CT	SLATE DR	NORTH END		0434-001	89	76	100	88	Flexible
Average:					89	76	100	88	
Std. Dev.					0	0	0	0	
LILAC WY	EMERALD LN	DS@660N EMERALD LN		0433-001	94	86	100	90	Flexible
LILAC WY	DS@660N EMERALD LN	SLATE DR		0433-002	91	77	100	91	Flexible
Average:					93	83	100	90	
Std. Dev.					0	0	0	0	
LONGVIEW DR	CALEDONIA DR	FONTANA DR		0236-001	98	100	100	87	Flexible
LONGVIEW DR	FONTANA DR	SHADOW WOOD DR		0236-002	95	93	100	85	Flexible

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## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	96	96	100	86	
				Std. Dev.	0	0	0	0	
LYMAN LOOP	MCLELLAN BLVD	BURR ST		0237-001	94	90	100	86	Flexible
LYMAN LOOP	BURR ST	DS@312W BURR ST		0237-002	95	91	100	86	Flexible
LYMAN LOOP	DS@312W BURR ST	DS@972W BURR ST		0237-003	93	88	100	86	Flexible
LYMAN LOOP	DS@972W BURR ST	MCLELLAN BLVD		0237-004	94	90	100	86	Flexible
				Average:	94	90	100	86	
				Std. Dev.	1	1	0	0	
MADDEN CT	EMERALD LN	NORTH END		0238-001	89	90	100	72	Flexible
				Average:	89	90	100	72	
				Std. Dev.	0	0	0	0	
MADISON CT	W MADISON ST	WEST END		0239-001	89	78	100	85	Flexible
				Average:	89	78	100	85	
				Std. Dev.	0	0	0	0	
MADISON ST W	WEST END	MADISON CT		0387-001	91	84	100	84	Flexible
MADISON ST W	MADISON CT	MORGAN ST		0387-002	90	80	100	86	Flexible
				Average:	90	81	100	86	
				Std. Dev.	0	0	0	0	
MADISON ST W	MORGAN ST	ADAMS ST		0387-003	87	91	100	68	Flexible
MADISON ST W	ADAMS ST	STATE ST		0387-004	88	90	100	71	Flexible
MADISON ST W	STATE ST	S MAIN ST		0387-005	90	97	100	68	Flexible
				Average:	88	93	100	69	
				Std. Dev.	2	4	0	2	
MADISON ST W	S MAIN ST	JEFFERSON ST		0387-006	88	91	100	70	Flexible
				Average:	88	91	100	70	
				Std. Dev.	0	0	0	0	
MAIN ST E	JOHNSON ST	OAKWOOD ST		0135-001	98	100	100	85	Flexible
MAIN ST E	OAKWOOD ST	BRUELL ST		0135-002	96	96	100	84	Flexible
MAIN ST E	BRUELL ST	WOODWORTH ST		0135-003	77	70	100	63	Flexible
MAIN ST E	WOODWORTH ST	MCHUGH RD		0135-004	73	61	100	61	Flexible
				Average:	88	84	100	75	
				Std. Dev.	13	20	0	13	
MAIN ST E	MCHUGH RD	WORSLEY ST		0136-001	82	78	100	67	Flexible
MAIN ST E	WORSLEY ST	SANDERS CT		0136-002	92	100	100	70	Flexible
MAIN ST E	SANDERS CT	DS@660W SANDERS CT		0136-003	82	78	100	66	Flexible
				Average:	83	81	100	67	
				Std. Dev.	3	7	0	2	
MAIN ST E	DS@660W SANDERS	LIBERTY ST		0136-004	80	70	100	70	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MAIN ST E	CT	COLTON ST		0136-005	80	81	100	59	Flexible
MAIN ST E	LIBERTY ST	W MAIN ST		0136-006	82	86	100	60	Flexible
Average:					81	80	100	62	
Std. Dev.					1	6	0	5	
MAIN ST S	S BRIDGE ST	ELIZABETH ST		0329-000	96	100	96	83	Rigid
Average:					96	100	96	83	
Std. Dev.					0	0	0	0	
MAIN ST S	ELIZABETH ST	PAVEMENT CHANGE		0329-001	99	100	100	89	Flexible
MAIN ST S	PAVEMENT CHANGE	W BEECHER ST		0329-002	98	96	100	90	Flexible
MAIN ST S	W BEECHER ST	W DOLPH ST		0329-003	93	82	100	91	Flexible
MAIN ST S	W DOLPH ST	W ORANGE ST		0329-004	95	88	100	90	Flexible
MAIN ST S	W ORANGE ST	W WASHINGTON ST		0329-005	96	92	100	90	Flexible
MAIN ST S	W WASHINGTON ST	W FOX ST		0329-006	92	80	100	91	Flexible
MAIN ST S	W FOX ST	W RIDGE ST		0329-007	93	85	100	88	Flexible
MAIN ST S	W RIDGE ST	W MADISON ST		0329-008	98	99	100	86	Flexible
MAIN ST S	W MADISON ST	W VAN EMMON ST		0329-009	93	94	100	80	Flexible
MAIN ST S	W VAN EMMON ST	W HYDRAULIC AVE		0329-010	87	77	100	80	Flexible
Average:					94	88	100	88	
Std. Dev.					3	8	0	4	
MAIN ST W	E MAIN ST	CHURCH ST		0388-001	82	74	100	71	Flexible
MAIN ST W	CHURCH ST	KING ST		0388-002	90	99	100	67	Flexible
MAIN ST W	KING ST	WEST END		0388-003	81	87	100	56	Flexible
Average:					85	86	100	66	
Std. Dev.					5	14	0	7	
MARKETPLACE DR	MCHUGH RD	LANDMARK AVE		0241-001	90	100	100	66	Flexible
MARKETPLACE DR	LANDMARK AVE	DS@660N LANDMARK AVE		0241-002	91	100	100	68	Flexible
MARKETPLACE DR	DS@660N LANDMARK AVE	E VETERANS PKWY		0241-003	87	98	100	59	Flexible
Average:					90	100	100	65	
Std. Dev.					2	1	0	4	
MARKETVIEW DR	KENNEDY RD	DS@660S KENNEDY RD		0242-001	92	93	94	81	Rigid
MARKETVIEW DR	DS@660S KENNEDY RD	CARPENTER ST		0242-002	92	95	92	80	Rigid
MARKETVIEW DR	CARPENTER ST	MENARD DR		0242-003	92	95	93	81	Rigid
MARKETVIEW DR	MENARD DR	DS@660S MENARD DR		0242-004	89	93	92	76	Rigid
MARKETVIEW DR	DS@660S MENARD DR	E COUNTRYSIDE PKWY		0242-005	89	96	87	76	Rigid
Average:					91	94	92	79	
Std. Dev.					2	1	1	3	
MARQUETTE ST	BERTRAM DR	BURNETT ST		0243-001	78	69	100	67	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MARQUETTE ST	BURNETT ST	DS@660N BURNETT ST		0243-002	90	87	100	79	Flexible
MARQUETTE ST	DS@660N BURNETT ST	BURNETT ST		0243-003	83	74	100	74	Flexible
Average:					86	80	100	75	
Std. Dev.					6	10	0	6	
MARTIN AVE	JACKSON ST	CITY LIMIT		0244-001	87	88	100	71	Flexible
Average:					87	88	100	71	
Std. Dev.					0	0	0	0	
MATLOCK DR	BERRYWOOD LN	GRANDE TRL		0245-001	78	82	100	54	Flexible
Average:					78	82	100	54	
Std. Dev.					0	0	0	0	
MCHUGH RD	CITY LIMIT	MARTIN AVE		0246-001	91	100	100	69	Flexible
Average:					91	100	100	69	
Std. Dev.					0	0	0	0	
MCHUGH RD	MARTIN AVE	ELM ST		0246-002	94	98	100	77	Flexible
MCHUGH RD	ELM ST	E PARK ST		0246-003	86	77	100	78	Flexible
MCHUGH RD	E PARK ST	E SOMONAUK ST		0246-004	92	91	100	79	Flexible
Average:					91	88	100	78	
Std. Dev.					4	11	0	1	
MCHUGH RD	E SOMONAUK ST	E SPRING ST		0246-005	92	89	100	82	Flexible
MCHUGH RD	E SPRING ST	DS@660S E SPRING ST		0246-006	98	100	100	86	Flexible
MCHUGH RD	DS@660S E SPRING ST	E MAIN ST		0246-007	93	86	100	86	Flexible
Average:					95	94	100	85	
Std. Dev.					4	8	0	2	
MCHUGH RD	KENNEDY RD	BLUESTEM DR		0247-001	93	99	100	74	Flexible
MCHUGH RD	BLUESTEM DR	DS@660S BLUESTEM DR		0247-002	90	96	100	69	Flexible
MCHUGH RD	DS@660S BLUESTEM DR	HAYDEN DR		0247-003	90	96	100	70	Flexible
MCHUGH RD	HAYDEN DR	DS@660S HAYDEN DR		0247-004	83	90	100	59	Flexible
MCHUGH RD	DS@660S HAYDEN DR	PRAIRIE POINTE DR		0247-005	89	91	100	71	Flexible
MCHUGH RD	PRAIRIE POINTE DR	E COUNTRYSIDE PKWY		0247-006	87	91	100	66	Flexible
Average:					88	94	100	67	
Std. Dev.					4	4	0	6	
MCHUGH RD	E COUNTRYSIDE PKWY	DS@660S E COUNTRYSIDE PKW		0247-007	73	53	80	81	Rigid
MCHUGH RD	DS@660S E	DS@1320S E		0247-008	90	92	90	79	Rigid

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MCHUGH RD	COUNTRYSIDE PKW DS@1320S E COUNTRYSIDE PK	COUNTRYSIDE PK E VETERANS PKWY		0247-009	84	77	83	83	Rigid
MCHUGH RD	E VETERANS PKWY	FARMSTEAD DR		0247-010	63	43	70	74	Rigid
MCHUGH RD	FARMSTEAD DR	CITY LIMIT		0247-011	80	88	100	51	Flexible
MCHUGH RD	CITY LIMIT	MARKETPLACE DR		0247-012	90	100	100	66	Flexible
MCHUGH RD	MARKETPLACE DR	HERITAGE DR		0247-013	86	96	100	59	Flexible
MCHUGH RD	HERITAGE DR	CITY LIMIT		0247-014	82	85	100	60	Flexible
MCLELLAN BLVD	GRANDE TRL	CONSTITUTION WAY		0248-001	84	87	100	63	Flexible
MCLELLAN BLVD	CONSTITUTION WAY	CRYDER WAY		0248-002	85	90	100	62	Flexible
MCLELLAN BLVD	CRYDER WAY	ALDEN AVE		0248-003	87	90	100	68	Flexible
MCLELLAN BLVD	ALDEN AVE	DS@660S ALDEN AVE		0248-004	85	91	100	63	Flexible
MCLELLAN BLVD	DS@660S ALDEN AVE	CRYDER WAY		0248-005	76	81	100	50	Flexible
MCLELLAN BLVD	CRYDER WAY	GRANDE TRL		0248-006	79	88	100	49	Flexible
MCLELLAN BLVD	GRANDE TRL	DS@660S GRANDE TRL		0248-007	77	71	100	62	Flexible
MCLELLAN BLVD	DS@660S GRANDE TRL	LYMAN LOOP		0248-008	83	75	100	72	Flexible
MCMURTRIE CT	ALAN DALE LN	WEST END		0249-001	97	94	100	89	Flexible
MCMURTRIE WAY	ALAN DALE LN	GOLDENROD DR		0250-001	98	94	100	91	Flexible
MCMURTRIE WAY	GOLDENROD DR	ELDEN DR		0250-002	95	88	100	90	Flexible
MCMURTRIE WAY	ELDEN DR	DS@660E ELDEN DR		0250-003	96	91	100	90	Flexible
MCMURTRIE WAY	DS@660E ELDEN DR	DS@1320E ELDEN DR		0250-004	94	87	100	89	Flexible
MCMURTRIE WAY	DS@1320E ELDEN DR	FAXON RD		0250-005	95	88	100	90	Flexible
MEADOW ROSE LN	CANDLEBERRY LN	EAST END		0251-001	95	88	100	90	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MEADOWLARK CT	MEADOWLARK LN	WEST END		0252-001	81	66	100	76	Flexible
				Average:	81	66	100	76	
				Std. Dev.	0	0	0	0	
MEADOWLARK LN	GREENFIELD TURN	MEADOWLARK CT		0253-001	82	71	100	75	Flexible
MEADOWLARK LN	MEADOWLARK CT	DS@660N		0253-002	89	90	100	74	Flexible
MEADOWLARK LN	DS@660N	MEADOWLARK CT		0253-003	90	96	100	69	Flexible
	MEADOWLARK CT	GREENFIELD TURN							
				Average:	88	87	100	73	
				Std. Dev.	3	10	0	3	
MEADOWVIEW LN	YELLOWSTONE LN	NORTON LN		0254-001	84	87	100	63	Flexible
MEADOWVIEW LN	NORTON LN	RED TAIL LN		0254-002	79	74	100	64	Flexible
				Average:	81	80	100	64	
				Std. Dev.	0	0	0	0	
MENARD DR	MARKETVIEW DR	N BRIDGE ST		0255-001	78	73	75	78	Rigid
				Average:	78	73	75	78	
				Std. Dev.	0	0	0	0	
MIDNIGHT PL	OLIVE LN	AUTUMN CREEK BLVD		0451-001	95	91	100	88	Flexible
				Average:	95	91	100	88	
				Std. Dev.	0	0	0	0	
MILL BROOK CIR E	PRESTON DR	OWEN CT		0137-001	77	71	100	62	Flexible
MILL BROOK CIR E	OWEN CT	GAINS CT		0137-002	77	72	100	61	Flexible
MILL BROOK CIR E	GAINS CT	SHERIDAN CT		0137-003	90	90	100	78	Flexible
				Average:	80	76	100	66	
				Std. Dev.	6	9	0	8	
MILL BROOK CIR E	SHERIDAN CT	KETCHUM CT		0137-004	94	91	100	86	Flexible
MILL BROOK CIR E	KETCHUM CT	SILVER SPRING CT		0137-005	91	85	100	86	Flexible
				Average:	93	88	100	86	
				Std. Dev.	0	0	0	0	
MILL BROOK CIR E	SILVER SPRING CT	BLACKHAWK BLVD		0137-006	93	91	100	84	Flexible
MILL BROOK CIR E	BLACKHAWK BLVD	WEST END		0137-007	92	91	100	81	Flexible
				Average:	93	91	100	84	
				Std. Dev.	0	0	0	0	
MILL RD	KENNEDY RD	DS@660E KENNEDY RD		0256-001	76	88	100	43	Flexible
MILL RD	DS@660E KENNEDY RD	BIG ROCK BLVD		0256-002	64	79	68	42	Flexible
MILL RD	BIG ROCK BLVD	DS@660E BIG ROCK BLVD		0256-003	79	98	89	49	Flexible
MILL RD	DS@660E BIG ROCK	DS@1320E BIG ROCK		0256-004	52	73	43	33	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MILL RD	BLVD	BLVD							
	DS@1320E BIG ROCK	TUSCANY TRL		0256-005	58	71	48	47	Flexible
MILL RD	BLVD								
	TUSCANY TRL	DS@660E TUSCANY TRL		0256-006	71	86	79	47	Flexible
MILL RD	DS@660E TUSCANY TRL	DS@1320E TUSCANY TRL		0256-007	58	71	41	51	Flexible
MILL RD	DS@1320E TUSCANY TRL	ALLEGIANCE CROSSING		0256-008	84	90	100	63	Flexible
Average:					68	83	72	46	
Std. Dev.					11	10	23	8	
MILL ST	SCHOOLHOUSE RD	ILLINI DR		0257-001	79	69	68	89	Flexible
MILL ST	ILLINI DR	WALTER ST		0257-002	91	82	97	88	Flexible
MILL ST	WALTER ST	OLSEN ST		0257-003	93	83	99	90	Flexible
MILL ST	OLSEN ST	E ORANGE ST		0257-004	94	90	100	86	Flexible
MILL ST	E ORANGE ST	E WASHINGTON ST		0257-005	95	91	100	88	Flexible
MILL ST	E WASHINGTON ST	E FOX ST		0257-006	98	99	100	87	Flexible
Average:					91	85	92	88	
Std. Dev.					8	12	16	1	
MILL ST	E FOX ST	E RIDGE ST		0257-007	90	100	100	65	Flexible
MILL ST	E RIDGE ST	E VAN EMMON ST		0257-008	87	99	100	59	Flexible
Average:					88	99	100	62	
Std. Dev.					0	0	0	0	
MILL ST	E VAN EMMON ST	E HYDRAULIC AVE		0257-009	89	92	100	71	Flexible
Average:					89	92	100	71	
Std. Dev.					0	0	0	0	
MISTWOOD CT	HEARTLAND DR	SOUTH END		0258-001	92	97	100	74	Flexible
Average:					92	97	100	74	
Std. Dev.					0	0	0	0	
MONTROSE CT	WREN RD	EAST END		0259-001	93	90	100	84	Flexible
Average:					93	90	100	84	
Std. Dev.					0	0	0	0	
MORGAN ST	W HYDRAULIC AVE	W HYDRAULIC AVE		0260-001	84	94	100	56	Flexible
MORGAN ST	W HYDRAULIC AVE	W VAN EMMON ST		0260-002	88	90	100	70	Flexible
MORGAN ST	W VAN EMMON ST	W MADISON ST		0260-003	86	97	100	58	Flexible
MORGAN ST	W MADISON ST	W RIDGE ST		0260-004	76	87	100	42	Flexible
MORGAN ST	W RIDGE ST	W FOX ST		0260-005	80	86	100	54	Flexible
Average:					82	90	100	55	
Std. Dev.					5	5	0	9	
MORGAN ST	W FOX ST	W WASHINGTON ST		0260-006	90	80	100	85	Flexible
MORGAN ST	W WASHINGTON ST	W WASHINGTON ST		0260-007	85	68	100	86	Flexible
MORGAN ST	W WASHINGTON ST	W DOLPH ST		0260-008	94	90	100	86	Flexible
MORGAN ST	W DOLPH ST	BLAINE ST		0260-009	94	90	100	85	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
MULHERN CT	E KENDALL DR	EAST END		0261-001	93	91	100	83	Flexible
NADEN CT	CENTER PKWY	EAST END		0265-001	92	85	100	86	Flexible
NEWBURY CT	FAIRHAVEN DR	NORTH END		0266-001	83	75	100	73	Flexible
NORTHLAND LN	BLACKBERRY SHORE LN	DS@660N BLACKBERRY SHORE WESTERN LN		0267-001	89	84	100	78	Flexible
NORTHLAND LN	BLACKBERRY SHORE WESTERN LN	DS@660N WESTERN LN		0267-002	83	75	100	73	Flexible
NORTHLAND LN	DS@660N WESTERN LN	YELLOWSTONE LN		0267-003	79	71	100	66	Flexible
NORTHLAND LN	DS@660N WESTERN LN	YELLOWSTONE LN		0267-004	86	86	100	69	Flexible
NORTON LN	MEADOWVIEW LN	CANNONBALL TRL		0268-001	87	88	100	71	Flexible
NORWAY CIR	WHITE OAK WAY	DS@660N WHITE OAK WAY		0269-001	89	88	100	75	Flexible
NORWAY CIR	DS@660N WHITE OAK WAY	NORWAY CT		0269-002	86	82	100	73	Flexible
NORWAY CIR	NORWAY CT	DS@660N NORWAY CT		0269-003	83	78	100	69	Flexible
NORWAY CIR	DS@660N NORWAY CT	FIR CT		0269-004	79	78	100	59	Flexible
NORWAY CIR	FIR CT	WHITE OAK WAY		0269-005	76	73	100	58	Flexible
NORWAY CT	NORWAY CIR	SOUTH END		0270-001	83	88	100	61	Flexible
OAK ST	CANNONBALL TRL	WEST END		0271-001	87	84	100	74	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	87	84	100	74	
				Std. Dev.	0	0	0	0	
OAKWOOD ST	SOUTH END	E MAIN ST		0272-001	92	84	100	86	Flexible
OAKWOOD ST	E MAIN ST	BEHRENS ST		0272-002	94	88	100	87	Flexible
				Average:	93	86	100	87	
				Std. Dev.	0	0	0	0	
OLD GLORY CT	OLD GLORY DR	NORTH END		0273-001	78	74	100	62	Flexible
				Average:	78	74	100	62	
				Std. Dev.	0	0	0	0	
OLD GLORY DR	CRYDER WAY	DS@660S CRYDER WAY		0274-001	79	81	100	57	Flexible
				Average:	79	81	100	57	
				Std. Dev.	0	0	0	0	
OLD GLORY DR	DS@660S CRYDER WAY	AMOS AVE		0275-001	80	78	100	62	Flexible
OLD GLORY DR	AMOS AVE	DS@660S AMOS AVE		0275-002	80	80	100	60	Flexible
OLD GLORY DR	DS@660S AMOS AVE	OLD GLORY CT		0275-003	77	79	100	54	Flexible
OLD GLORY DR	OLD GLORY CT	ALDEN AVE		0275-004	74	78	100	48	Flexible
OLD GLORY DR	ALDEN AVE	SUNSET AVE		0275-005	68	70	100	40	Flexible
				Average:	77	77	100	55	
				Std. Dev.	5	4	0	9	
OLIVE LN	PRAIRE GRASS LN	MIDNIGHT PL		0450-001	93	86	100	87	Flexible
OLIVE LN	MIDNIGHT PL	NORTH END		0450-002	93	86	100	86	Flexible
				Average:	93	86	100	86	
				Std. Dev.	0	0	0	0	
OLSEN ST	MILL ST	EAST END		0276-001	84	80	100	70	Flexible
				Average:	84	80	100	70	
				Std. Dev.	0	0	0	0	
OMAHA DR	CLEARWATER DR	HOMESTEAD DR		0277-001	92	93	100	78	Flexible
				Average:	92	93	100	78	
				Std. Dev.	0	0	0	0	
OMAHA DR	CLEARWATER DR	KATE DR		0278-001	89	88	100	75	Flexible
OMAHA DR	KATE DR	REDWOOD DR		0278-002	89	85	100	77	Flexible
OMAHA DR	REDWOOD DR	GRACE DR		0278-003	87	78	100	79	Flexible
OMAHA DR	GRACE DR	AUBURN DR		0278-004	90	88	100	77	Flexible
OMAHA DR	AUBURN DR	E SPRING ST		0278-005	91	91	100	77	Flexible
				Average:	89	86	100	77	
				Std. Dev.	1	5	0	1	
ORANGE ST E	W ORANGE ST	HEUSTIS ST		0138-001	89	94	100	70	Flexible

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ORANGE ST E	HEUSTIS ST	MILL ST		0138-002	84	81	100	70	Flexible
				Average:	87	90	100	70	
				Std. Dev.	0	0	0	0	
ORANGE ST E	MILL ST	EAST END		0138-003	71	58	100	58	Flexible
				Average:	71	58	100	58	
				Std. Dev.	0	0	0	0	
ORANGE ST W	ADRIAN ST	STATE ST		0389-001	81	59	100	84	Flexible
ORANGE ST W	STATE ST	S MAIN ST		0389-002	85	72	100	80	Flexible
ORANGE ST W	S MAIN ST	S BRIDGE ST		0389-003	88	86	100	75	Flexible
				Average:	85	72	100	80	
				Std. Dev.	4	14	0	5	
ORCHID ST	EMERALD LN	LAVENDER WAY		0279-001	89	94	100	69	Flexible
ORCHID ST	LAVENDER WAY	AUTUMN CREEK BLVD		0279-002	94	100	100	75	Flexible
ORCHID ST	AUTUMN CREEK BLVD	DS@660W AUTUMN CREEK BLVD		0279-003	89	85	100	77	Flexible
ORCHID ST	DS@660W AUTUMN CREEK BLVD	CRIMSON LN		0279-004	91	90	100	78	Flexible
				Average:	91	93	100	75	
				Std. Dev.	3	8	0	3	
OVERLOOK CT	CANNONBALL TRL	ANDREA CT		0280-001	89	90	100	74	Flexible
OVERLOOK CT	ANDREA CT	SOUTH END		0280-002	83	73	100	76	Flexible
				Average:	85	79	100	75	
				Std. Dev.	0	0	0	0	
PALMER CT	W COUNTRYSIDE PKWY	NORTH END		0281-001	94	90	100	86	Flexible
				Average:	94	90	100	86	
				Std. Dev.	0	0	0	0	
PARK ST E	MCHUGH RD	DS@660W MCHUGH RD		0139-001	67	63	100	43	Flexible
PARK ST E	DS@660W MCHUGH RD	FREEMONT ST		0139-002	64	60	100	40	Flexible
PARK ST E	FREEMONT ST	LIBERTY ST		0139-003	68	64	100	46	Flexible
				Average:	67	63	100	43	
				Std. Dev.	1	1	0	3	
PARK ST E	LIBERTY ST	BRISTOL AVE		0139-004	78	94	100	42	Flexible
PARK ST E	BRISTOL AVE	N BRIDGE ST		0139-005	83	73	100	75	Flexible
				Average:	81	81	100	62	
				Std. Dev.	0	0	0	0	
PARKSIDE LN	DEERPOINT LN	DS@728W DEERPOINT LN		0285-001	85	85	100	69	Flexible

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PARKSIDE LN	DS@728W DEERPOINT LN	COUNTRY HILLS DR		0285-002	95	100	100	77	Flexible
PARKSIDE LN	COUNTRY HILLS DR	HEARTHSTONE AVE		0285-003	89	93	100	71	Flexible
PARKSIDE LN	HEARTHSTONE AVE	HATFIELD AVE		0285-004	92	100	100	71	Flexible
PARKSIDE LN	HATFIELD AVE	DS@660W HATFIELD AVE		0285-005	89	90	100	74	Flexible
PARKSIDE LN	DS@660W HATFIELD AVE	RAINTREE RD		0285-006	89	88	100	74	Flexible
Average:					90	92	100	73	
Std. Dev.					4	6	0	3	
PARKSIDE LN	RAINTREE RD	WARBLER LN		0285-007	91	100	100	67	Flexible
PARKSIDE LN	WARBLER LN	COACH RD		0285-008	93	94	100	78	Flexible
Average:					92	97	100	73	
Std. Dev.					0	0	0	0	
PATRICK CT	CANNONBALL TRL	WEST END		0286-001	95	90	100	87	Flexible
Average:					95	90	100	87	
Std. Dev.					0	0	0	0	
PATRIOT CT	GRANDE TRL	SOUTH END		0287-001	83	69	100	79	Flexible
Average:					83	69	100	79	
Std. Dev.					0	0	0	0	
PAVILLION RD	FOX RD	DS@660N FOX RD		0288-001	96	93	100	89	Flexible
PAVILLION RD	DS@660N FOX RD	DS@1320N FOX RD		0288-002	99	99	100	90	Flexible
PAVILLION RD	DS@1320N FOX RD	DS@1980N FOX RD		0288-003	99	98	100	90	Flexible
PAVILLION RD	DS@1980N FOX RD	SOUTH CITY LIMIT		0288-004	96	92	100	89	Flexible
Average:					98	96	100	90	
Std. Dev.					2	4	0	1	
PAVILLION RD	IL RT 71	DS@660N IL RT 71		0289-001	95	90	100	88	Flexible
Average:					95	90	100	88	
Std. Dev.					0	0	0	0	
PAVILLION RD	DS@660N IL RT 71	NORTH CITY LIMIT		0290-001	94	91	100	85	Flexible
Average:					94	91	100	85	
Std. Dev.					0	0	0	0	
PENMAN RD	SOUTH END	PRESTWICK LN		0291-001	95	88	100	89	Flexible
PENMAN RD	PRESTWICK LN	DS@660N PRESTWICK LN		0291-002	98	100	100	87	Flexible
PENMAN RD	DS@660N PRESTWICK LN	SCHOOLHOUSE RD		0291-003	98	100	100	87	Flexible
Average:					97	97	100	87	
Std. Dev.					2	5	0	1	
PENSACOLA ST	TAMPA DR	BISCAYNE LN		0292-001	88	85	100	75	Flexible
PENSACOLA ST	BISCAYNE LN	PLEASANT CT		0292-002	88	84	100	76	Flexible



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PENSACOLA ST	PLEASANT CT	SARASOTA AVE		0292-003	89	86	100	76	Flexible
				Average:	88	85	100	76	
				Std. Dev.	1	1	0	1	
PHELPS CT	FAIRFAX WAY	WEST END		0293-001	93	93	100	80	Flexible
				Average:	93	93	100	80	
				Std. Dev.	0	0	0	0	
PIERPONT LN	ROSENWINKEL ST	GARDINER AVE		0294-001	87	87	100	71	Flexible
				Average:	87	87	100	71	
				Std. Dev.	0	0	0	0	
PINEWOOD DR	SHADOW WOOD DR	DS@660N SHADOW WOOD DR		0295-001	99	100	100	88	Flexible
PINEWOOD DR	DS@660N SHADOW WOOD DR	CALEDONIA DR		0295-002	98	99	100	87	Flexible
				Average:	99	100	100	88	
				Std. Dev.	0	0	0	0	
PLEASANT CT	PENSACOLA ST	SOUTH END		0296-001	88	85	100	75	Flexible
				Average:	88	85	100	75	
				Std. Dev.	0	0	0	0	
PLYMOUTH AVE	ROSENWINKEL ST	TIMBALIER ST		0297-001	86	81	100	75	Flexible
PLYMOUTH AVE	TIMBALIER ST	DS@660E TIMBALIER ST		0297-002	85	77	100	75	Flexible
PLYMOUTH AVE	DS@660E TIMBALIER ST	TIMBALIER ST		0297-003	87	83	100	75	Flexible
PLYMOUTH AVE	TIMBALIER ST	BRISTOL BAY DR		0297-004	89	83	100	80	Flexible
				Average:	86	80	100	76	
				Std. Dev.	2	4	0	2	
POPLAR DR	WEST FOX ST	KELLY AVE		0298-001	89	91	100	72	Flexible
POPLAR DR	KELLY AVE	FLINT CREEK LN		0298-002	93	99	100	75	Flexible
POPLAR DR	FLINT CREEK LN	KELLY AVE		0298-003	92	96	100	74	Flexible
POPLAR DR	KELLY AVE	AARON LN		0298-004	87	88	100	71	Flexible
POPLAR DR	AARON LN	WINDHAM CIR		0298-005	88	88	100	73	Flexible
POPLAR DR	WINDHAM CIR	TYLER CREEK CT		0298-006	85	84	100	68	Flexible
POPLAR DR	TYLER CREEK CT	SHARON LN		0298-007	91	90	100	77	Flexible
POPLAR DR	SHARON LN	STONY CREEK LN		0298-008	86	88	100	67	Flexible
POPLAR DR	STONY CREEK LN	WINDHAM CIR		0298-009	87	88	100	69	Flexible
				Average:	89	91	100	73	
				Std. Dev.	3	5	0	3	
POWERS CT	W KENDALL DR	NORTH END		0299-001	94	97	100	79	Flexible
				Average:	94	97	100	79	
				Std. Dev.	0	0	0	0	
PRAIRE GRASS LN	AUTUMN CREEK	DS@660S AUTUMN		0300-001	87	77	100	82	Flexible

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PRAIRE GRASS LN	BLVD DS@660S AUTUMN CREEK BLVD	CREEK BLVD OLIVE LN		0300-002	88	77	100	83	Flexible
PRAIRE GRASS LN	OLIVE LN	HAYDEN DR		0300-003	85	85	100	69	Flexible
Average:					86	81	100	76	
Std. Dev.					1	6	0	9	
PRAIRE CLOVER DR	HAYDEN DR	EAST END		0301-001	92	97	100	74	Flexible
Average:					92	97	100	74	
Std. Dev.					0	0	0	0	
PRAIRE CROSSING DR	COUNTRY HILLS DR	TREMONT AVE		0302-001	91	95	100	72	Flexible
PRAIRE CROSSING DR	TREMONT AVE	DS@660N TREMONT AVE		0302-002	93	99	100	73	Flexible
PRAIRE CROSSING DR	DS@660N TREMONT AVE	DEERPOINT LN		0302-003	87	84	100	75	Flexible
PRAIRE CROSSING DR	DEERPOINT LN	INGEMUNSON LN		0302-004	86	84	100	72	Flexible
PRAIRE CROSSING DR	INGEMUNSON LN	HAWK HOLLOW DR		0302-005	93	100	100	74	Flexible
PRAIRE CROSSING DR	HAWK HOLLOW DR	HAMPTON LN		0302-006	95	100	100	77	Flexible
PRAIRE CROSSING DR	HAMPTON LN	WREN RD		0302-007	93	99	100	73	Flexible
PRAIRE CROSSING DR	WREN RD	EAST END		0302-008	93	100	100	73	Flexible
Average:					91	95	100	74	
Std. Dev.					4	8	0	2	
PRAIRE LN	LEISURE ST	HILLCREST AVE		0303-001	98	98	100	89	Flexible
Average:					98	98	100	89	
Std. Dev.					0	0	0	0	
PRAIRE MEADOWS DR	KENNEDY RD	BLUESTEM DR		0304-001	83	81	100	68	Flexible
Average:					83	81	100	68	
Std. Dev.					0	0	0	0	
PRAIRE POINTE DR	MCHUGH RD	CRIMSON LN		0449-001	85	86	100	66	Flexible
Average:					85	86	100	66	
Std. Dev.					0	0	0	0	
PRAIRE ROSE LN	BLUESTEM DR	DS@660N BLUESTEM DR		0305-001	87	87	100	71	Flexible
PRAIRE ROSE LN	DS@660N BLUESTEM DR	HAYDEN DR		0305-002	86	85	100	71	Flexible
Average:					87	86	100	71	
Std. Dev.					0	0	0	0	

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
PRESTON DR	TUSCANY LN	E MILL BROOK CIR		0306-001	89	93	100	71	Flexible
				Average:	89	93	100	71	
				Std. Dev.	0	0	0	0	
PRESTON DR	TUSCANY TAIL	HAVENHILL CT		0307-001	72	76	100	45	Flexible
PRESTON DR	HAVENHILL CT	EVANS CT		0307-002	67	65	100	43	Flexible
PRESTON DR	EVANS CT	PRESTON CT		0307-003	74	81	100	46	Flexible
PRESTON DR	PRESTON CT	EAST END		0307-004	80	87	100	55	Flexible
				Average:	72	75	100	47	
				Std. Dev.	6	11	0	6	
PRESTWICK LN	PENMAN RD	SHETLAND LN		0308-001	94	90	100	86	Flexible
PRESTWICK LN	SHETLAND LN	WHITEKIRK LN		0308-002	99	98	100	90	Flexible
				Average:	97	95	100	88	
				Std. Dev.	0	0	0	0	
PURCELL ST	CANNONBALL TRL	DS@660W CANNONBALL TRL		0309-001	92	85	100	86	Flexible
				Average:	92	85	100	86	
				Std. Dev.	0	0	0	0	
PURCELL ST	DS@660W CANNONBALL TRL	N CARLY CIR		0309-002	96	90	100	90	Flexible
PURCELL ST	N CARLY CIR	WEST END		0309-003	92	84	100	87	Flexible
				Average:	95	89	100	89	
				Std. Dev.	0	0	0	0	
RAINTREE RD	STAGECOACH TRAIL	HAZELTINE WAY		0310-001	95	100	100	78	Flexible
RAINTREE RD	HAZELTINE WAY	SUNNY DELL DR		0310-002	93	100	100	73	Flexible
RAINTREE RD	SUNNY DELL DR	DS@660S SUNNY DELL DR		0310-003	95	100	100	79	Flexible
RAINTREE RD	DS@660S SUNNY DELL DR	KINGSMILL ST		0310-004	92	96	100	75	Flexible
RAINTREE RD	KINGSMILL ST	PARKSIDE LN		0310-005	93	99	100	75	Flexible
				Average:	94	99	100	77	
				Std. Dev.	1	1	0	2	
RED TAIL CT	ALAN DALE LN	WEST END		0311-001	84	78	100	73	Flexible
				Average:	84	78	100	73	
				Std. Dev.	0	0	0	0	
RED TAIL LN	RED TAIL CT	MEADOWVIEW LN		0312-001	79	75	100	63	Flexible
				Average:	79	75	100	63	
				Std. Dev.	0	0	0	0	
REDBUD DR	ALAN DALE LN	DS@660E ALAN DALE LN		0313-001	93	85	100	88	Flexible
REDBUD DR	DS@660E ALAN DALE LN	CATALPA TRL		0313-002	88	74	100	87	Flexible

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REDBUD DR	CATALPA TRL	SUMAC DR		0313-003	85	68	100	86	Flexible
				Average:	90	78	100	87	
				Std. Dev.	4	9	0	1	
REDHORSE LN	KELLY AVE	FLINT CREEK LN		0314-001	91	91	100	78	Flexible
REDHORSE LN	FLINT CREEK LN	SOUTH END		0314-002	85	78	100	75	Flexible
				Average:	89	86	100	77	
				Std. Dev.	0	0	0	0	
REDWOOD DR	OMAHA DR	TAUS CIR		0315-001	89	86	100	76	Flexible
				Average:	89	86	100	76	
				Std. Dev.	0	0	0	0	
RENA LN	ELDAMAIN RD	CAROLYN CT		0316-001	92	99	100	72	Flexible
RENA LN	CAROLYN CT	NORTH END		0316-002	97	93	100	90	Flexible
				Average:	94	96	100	81	
				Std. Dev.	0	0	0	0	
RICHMOND AVE	FAIRFAX WAY	COUNTRY HILLS DR		0317-004	83	68	100	80	Flexible
				Average:	83	68	100	80	
				Std. Dev.	0	0	0	0	
RIDGE ST	CITY LIMIT	MAIN ST		0318-001	97	93	100	90	Flexible
				Average:	97	93	100	90	
				Std. Dev.	0	0	0	0	
RIDGE ST E	MILL ST	EAST END		0140-001	88	75	100	85	Flexible
				Average:	88	75	100	85	
				Std. Dev.	0	0	0	0	
RIDGE ST W	S MAIN ST	STATE ST		0390-002	88	84	100	77	Flexible
RIDGE ST W	STATE ST	STATE ST		0390-003	92	83	100	87	Flexible
RIDGE ST W	STATE ST	ADAMS ST		0390-004	97	97	100	87	Flexible
RIDGE ST W	ADAMS ST	MORGAN ST		0390-005	90	77	100	88	Flexible
RIDGE ST W	MORGAN ST	WEST END		0390-006	91	82	100	86	Flexible
				Average:	91	82	100	85	
				Std. Dev.	2	4	0	4	
RIVER BIRCH DR	EAST END	RIVER BIRCH LN		0319-001	83	82	100	65	Flexible
RIVER BIRCH DR	RIVER BIRCH LN	WEST END		0319-002	82	85	100	59	Flexible
				Average:	82	84	100	62	
				Std. Dev.	0	0	0	0	
RIVER BIRCH LN	WHITE OAK WAY	RIVER BIRCH DR		0320-001	82	84	100	60	Flexible
				Average:	82	84	100	60	
				Std. Dev.	0	0	0	0	
RIVER ST W	CITY LIMIT	KING ST		0391-001	95	97	100	82	Flexible

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RIVER ST W	KING ST	CHURCH ST		0391-002	87	76	100	82	Flexible
RIVER ST W	CHURCH ST	S BRIDGE ST		0391-003	98	97	100	88	Flexible
RODAK CT	BENJAMIN ST	EAST END		0441-001	89	82	100	80	Flexible
ROOD ST	ALDEN AVE	DS@660S ALDEN AVE		0321-001	83	72	100	76	Flexible
ROOD ST	DS@660S ALDEN AVE	HENNING LN		0322-001	85	75	100	78	Flexible
ROSENWINKEL ST	GALENA RD	DS@660N GALENA RD		0323-001	87	90	100	69	Flexible
ROSENWINKEL ST	DS@660N GALENA RD	DS@1320N GALENA RD		0323-002	91	100	100	68	Flexible
ROSENWINKEL ST	DS@1320N GALENA RD	BERTRAM DR		0323-003	91	100	100	68	Flexible
ROSENWINKEL ST	BERTRAM DR	PIERPONT LN		0323-004	82	79	100	67	Flexible
ROSENWINKEL ST	PIERPONT LN	BRISTOL BAY DR		0323-005	85	84	100	70	Flexible
ROSENWINKEL ST	BRISTOL BAY DR	PLYMOUTH AVE		0323-006	87	87	100	71	Flexible
ROSENWINKEL ST	PLYMOUTH AVE	NORTH END		0323-007	90	91	100	74	Flexible
ROSENWINKEL ST	N BRIDGE ST	DS@660E N BRIDGE ST		0324-001	95	97	100	82	Flexible
ROSENWINKEL ST	DS@660E N BRIDGE ST	DS@1320E N BRIDGE ST		0324-002	93	93	100	81	Flexible
ROSENWINKEL ST	DS@1320E N BRIDGE ST	EAST END		0324-003	94	91	100	84	Flexible
RUBY DR	EMERALD LN	EAST END		0437-001	95	88	100	91	Flexible
RYAN CT	EAST END	CALEDONIA DR		0325-001	96	100	100	81	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
					Average:	96	100	100	81
						0	0	0	0
RYAN DR	CALEDONIA DR	DS@660S CALEDONIA DR		0326-001	94	95	100	81	Flexible
RYAN DR	DS@660S CALEDONIA DR	CALEDONIA DR		0326-002	96	100	100	81	Flexible
					Average:	95	98	100	81
						0	0	0	0
SAGE CT	CRIMSON LN	WEST END		0330-001	94	90	100	86	Flexible
					Average:	94	90	100	86
						0	0	0	0
SANDERS CT	E MAIN ST	NORTH END		0331-001	63	41	100	57	Flexible
					Average:	63	41	100	57
						0	0	0	0
SARASOTA AVE	BERTRAM DR	PENSACOLA ST		0332-001	88	73	100	87	Flexible
					Average:	88	73	100	87
						0	0	0	0
SEELEY ST	ALLEGIANCE CROSSING	BERRYWOOD LN	NEW	0334-001	78	76	100	59	Flexible
					Average:	78	76	100	59
						0	0	0	0
SEQUOIA CIR	EAST END	SYCAMORE RD		0335-001	82	73	100	71	Flexible
					Average:	82	73	100	71
						0	0	0	0
SHADOW WOOD DR	WEST END	LAUREN DR		0336-001	98	100	100	87	Flexible
SHADOW WOOD DR	LAUREN DR	PINEWOOD DR		0336-002	96	97	100	84	Flexible
SHADOW WOOD DR	PINEWOOD DR	LONGVIEW DR		0336-003	98	100	100	85	Flexible
SHADOW WOOD DR	LONGVIEW DR	WHEATON AVE		0336-004	98	100	100	87	Flexible
					Average:	97	99	100	85
						1	2	0	2
SHETLAND CT	NORTH END	SHETLAND LN		0337-001	97	97	100	87	Flexible
					Average:	97	97	100	87
						0	0	0	0
SHETLAND LN	SHETLAND CT	PRESTWICK LN		0338-001	95	94	100	85	Flexible
					Average:	95	94	100	85
						0	0	0	0
SHOEGER CT	SHOEGER DR	NORTH END		0339-001	73	67	100	56	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	73	67	100	56	
				Std. Dev.	0	0	0	0	
SHOEGER DR	WEST END	SHOEGER CT		0340-001	83	80	100	69	Flexible
SHOEGER DR	SHOEGER CT	BRADY ST		0340-002	72	75	100	46	Flexible
SHOEGER DR	BRADY ST	PRESTON DR		0340-003	72	88	100	33	Flexible
				Average:	75	80	100	48	
				Std. Dev.	6	7	0	16	
SIENNA DR	EMERALD LN	LAVENDER WAY		0341-001	84	82	100	69	Flexible
SIENNA DR	LAVENDER WAY	AUTUMN CREEK BLVD		0341-002	90	93	100	72	Flexible
				Average:	88	89	100	71	
				Std. Dev.	0	0	0	0	
SLATE CT	EMERALD LN	EAST END		0436-001	96	93	100	89	Flexible
				Average:	96	93	100	89	
				Std. Dev.	0	0	0	0	
SLATE DR	LILAC WY	EMERALD LN		0435-001	89	73	100	90	Flexible
				Average:	89	73	100	90	
				Std. Dev.	0	0	0	0	
SOMONAUK ST E	MCHUGH RD	DS@660W MCHUGH RD		0141-001	96	94	100	87	Flexible
SOMONAUK ST E	DS@660W MCHUGH RD	FREEMONT ST		0141-002	97	97	100	87	Flexible
SOMONAUK ST E	FREEMONT ST	LIBERTY ST		0141-003	93	88	100	86	Flexible
SOMONAUK ST E	LIBERTY ST	BRISTOL AVE		0141-004	98	100	100	85	Flexible
SOMONAUK ST E	BRISTOL AVE	COLTON ST		0141-005	96	98	100	84	Flexible
SOMONAUK ST E	COLTON ST	W SOMONAUK ST		0141-006	93	91	100	82	Flexible
				Average:	95	94	100	85	
				Std. Dev.	2	5	0	2	
SOMONAUK ST W	E SOMONAUK ST	TOWER LN		0392-001	95	100	100	78	Flexible
SOMONAUK ST W	TOWER LN	CHURCH ST		0392-002	96	100	100	82	Flexible
SOMONAUK ST W	CHURCH ST	KING ST		0392-003	98	100	100	86	Flexible
SOMONAUK ST W	KING ST	WEST ST		0392-004	98	100	100	85	Flexible
				Average:	97	100	100	83	
				Std. Dev.	2	0	0	4	
SOMONAUK ST W	WEST ST	DS@660W WEST ST		0392-005	92	85	100	85	Flexible
SOMONAUK ST W	DS@660W WEST ST	WEST END		0392-006	87	74	100	85	Flexible
				Average:	92	85	100	85	
				Std. Dev.	0	0	0	0	
SPICEBUSH CT	WALSH DR	EAST END		0342-001	91	89	100	78	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	91	89	100	78	
				Std. Dev.	0	0	0	0	
SPRING ST E	BRIDGE RD	COLTON ST		0142-001	93	88	100	86	Flexible
SPRING ST E	COLTON ST	LIBERTY ST		0142-002	97	96	100	88	Flexible
SPRING ST E	LIBERTY ST	FREEMONT ST		0142-003	95	88	100	89	Flexible
SPRING ST E	FREEMONT ST	DS@660E FREEMONT ST		0142-004	96	90	100	90	Flexible
SPRING ST E	DS@660E FREEMONT ST	MCHUGH RD		0142-005	95	88	100	91	Flexible
				Average:	95	90	100	89	
				Std. Dev.	2	4	0	2	
SPRING ST E	MCHUGH RD	WOODWORTH ST		0142-006	99	100	100	88	Flexible
SPRING ST E	WOODWORTH ST	BRUELL ST		0142-007	99	100	100	88	Flexible
SPRING ST E	BRUELL ST	WACKER DR		0142-008	95	91	100	88	Flexible
SPRING ST E	WACKER DR	TERI LN		0142-009	99	96	100	92	Flexible
SPRING ST E	TERI LN	QUINSEY RD		0142-010	95	91	100	87	Flexible
				Average:	98	96	100	89	
				Std. Dev.	2	4	0	3	
SPRING ST E	QUINSEY RD	OMAHA DR		0142-011	95	97	100	81	Flexible
SPRING ST E	OMAHA DR	AUBURN DR		0142-012	90	87	100	79	Flexible
SPRING ST E	AUBURN DR	GRACE DR		0142-013	91	91	100	76	Flexible
SPRING ST E	GRACE DR	BIRCHWOOD DR		0142-014	86	81	100	74	Flexible
SPRING ST E	BIRCHWOOD DR	DS@660E BIRCHWOOD DR		0142-015	88	84	100	77	Flexible
SPRING ST E	DS@660E BIRCHWOOD DR	DS@1320E BIRCHWOOD DR		0142-016	90	88	100	78	Flexible
SPRING ST E	DS@1320E BIRCHWOOD DR	BIRCHWOOD DR		0142-017	87	81	100	78	Flexible
SPRING ST E	BIRCHWOOD DR	DEERPATH DR		0142-018	89	87	100	76	Flexible
SPRING ST E	DEERPATH DR	CLEARWATER DR		0142-019	90	88	100	77	Flexible
SPRING ST E	CLEARWATER DR	TUMA RD		0142-020	85	76	100	76	Flexible
				Average:	89	86	100	77	
				Std. Dev.	2	4	0	2	
SPRING ST W	N BRIDGE ST	PAVEMENT CHANGE		0393-001	89	84	100	78	Flexible
				Average:	89	84	100	78	
				Std. Dev.	0	0	0	0	
SPRING ST W	PAVEMENT CHANGE	CHURCH ST		0393-002	93	84	100	88	Flexible
				Average:	93	84	100	88	
				Std. Dev.	0	0	0	0	
SPRUCE CT	WHITE OAK WAY	SOUTH END		0343-001	74	64	100	61	Flexible
				Average:	74	64	100	61	
				Std. Dev.	0	0	0	0	
SQUIRE CIR	GRANDE TRL	DS@660W GRANDE		0344-001	85	77	100	77	Flexible



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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
SQUIRE CIR	DS@660W GRANDE TRL	DS@1320W GRANDE TRL		0344-002	85	71	100	81	Flexible
SQUIRE CIR	DS@1320W GRANDE TRL	GRANDE TRL		0344-003	86	74	100	81	Flexible
Average:					85	74	100	80	
Std. Dev.					1	3	0	2	
STATE ST	W HYDRAULIC AVE	W VAN EMMON ST		0345-001	79	92	100	45	Flexible
STATE ST	W VAN EMMON ST	W MADISON ST		0345-002	74	80	100	45	Flexible
STATE ST	W MADISON ST	W RIDGE ST		0345-003	84	96	100	54	Flexible
Average:					79	90	100	48	
Std. Dev.					5	8	0	5	
STATE ST	W RIDGE ST	W FOX ST		0345-004	97	100	100	83	Flexible
STATE ST	W FOX ST	W WASHINGTON ST		0345-005	98	100	100	85	Flexible
STATE ST	W WASHINGTON ST	W ORANGE ST		0345-006	83	63	100	84	Flexible
STATE ST	W ORANGE ST	W DOLPH ST		0345-007	91	82	100	86	Flexible
STATE ST	W DOLPH ST	W BEECHER ST		0345-008	90	80	100	86	Flexible
STATE ST	W BEECHER ST	BLAINE ST		0345-009	88	71	100	89	Flexible
Average:					92	84	100	85	
Std. Dev.					6	16	0	2	
STILLWATER CT	ARROWHEAD DR	WEST END		0346-001	85	77	100	75	Flexible
Average:					85	77	100	75	
Std. Dev.					0	0	0	0	
STONERIDGE CIR	COTTONWOOD TRL	EAST END		0347-001	81	76	100	66	Flexible
Average:					81	76	100	66	
Std. Dev.					0	0	0	0	
STONERIDGE CT	COTTONWOOD TRL	SOUTH END		0348-001	86	88	100	68	Flexible
Average:					86	88	100	68	
Std. Dev.					0	0	0	0	
STONY CREEK LN	POPLAR DR	WINDHAM CIR		0349-001	92	96	100	74	Flexible
Average:					92	96	100	74	
Std. Dev.					0	0	0	0	
STRAWBERRY LN	EAST END	S CONOVER CT		0350-001	96	96	100	86	Flexible
STRAWBERRY LN	S CONOVER CT	W KENDALL DR		0350-002	97	97	100	86	Flexible
Average:					96	96	100	86	
Std. Dev.					0	0	0	0	
SUMAC DR	TWINLEAF TRL	HONEYSUCKLE LN		0351-001	90	78	100	88	Flexible
SUMAC DR	HONEYSUCKLE LN	DS@660S		0351-002	93	82	100	90	Flexible
SUMAC DR	DS@660S	HONEYSUCKLE LN		0351-003	91	80	100	88	Flexible
	HONEYSUCKLE LN	REDBUD DR							

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
				Average:	92	80	100	89	
				Std. Dev.	2	2	0	1	
SUMAC DR	REDBUD DR	DS@660S REDBUD DR		0351-004	94	88	100	88	Flexible
SUMAC DR	DS@660S REDBUD DR	ALAN DALE LN		0351-005	89	73	100	90	Flexible
				Average:	92	81	100	89	
				Std. Dev.	0	0	0	0	
SUNFLOWER CT	WALSH DR	EAST END		0352-001	87	90	100	68	Flexible
				Average:	87	90	100	68	
Std. Dev.	0	0	0	0					
SUNNY DELL CT	WEST END	GREENFIELD TURN		0353-001	87	90	100	67	Flexible
				Average:	87	90	100	67	
Std. Dev.	0	0	0	0					
SUNNY DELL LN	GREENFIELD TURN	RAINTREE RD		0354-001	83	84	100	64	Flexible
				Average:	83	84	100	64	
Std. Dev.	0	0	0	0					
SUNSET AVE	HILLCREST AVE	LEISURE ST		0355-001	99	99	100	89	Flexible
SUNSET AVE	LEISURE ST	PLEASURE DR		0355-002	97	97	100	87	Flexible
SUNSET AVE	PLEASURE DR	GEORGEANNA ST		0355-003	96	96	100	86	Flexible
SUNSET AVE	GEORGEANNA ST	SOUTH END		0355-004	89	76	100	87	Flexible
				Average:	95	91	100	87	
				Std. Dev.	5	12	0	1	
SUNSET AVE	BRISTOL RIDGE RD	GRANDE TRL		0356-001	88	100	100	60	Flexible
SUNSET AVE	GRANDE TRL	BRISTOL RIDGE RD		0356-001	89	100	100	64	Flexible
				Average:	89	100	100	62	
				Std. Dev.	0	0	0	0	
SUTTON ST	SOUTH END	FAIRFAX WAY		0357-001	93	90	100	82	Flexible
SUTTON ST	FAIRFAX WAY	WAVERLY CIR		0357-002	89	90	100	74	Flexible
SUTTON ST	WAVERLY CIR	DS@660N WAVERLY CIR		0357-003	82	77	100	69	Flexible
SUTTON ST	DS@660N WAVERLY CIR	DS@1320N WAVERLY CIR		0357-004	86	85	100	70	Flexible
SUTTON ST	DS@1320N WAVERLY CIR	WINDETT RIDGE RD		0357-005	87	82	100	77	Flexible
				Average:	86	84	100	73	
				Std. Dev.	4	6	0	5	
SWITCHGRASS LN	BLUESTEM DR	DS@660S BLUESTEM DR		0358-001	85	83	100	71	Flexible
SWITCHGRASS LN	DS@660S BLUESTEM DR	HAYDEN DR		0358-002	85	83	100	71	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
			Average:		85	83	100	71	
			Std. Dev.		0	0	0	0	
SYCAMORE RD	W VETERANS PKWY	DS@660S W VETERANS PKWY		0359-001	72	78	100	43	Flexible
SYCAMORE RD	DS@660S W VETERANS PKWY	JOHN ST		0359-002	71	78	100	38	Flexible
			Average:		72	78	100	42	
			Std. Dev.		0	0	0	0	
SYCAMORE RD	JOHN ST	SEQUOIA CIR		0359-003	75	72	100	55	Flexible
SYCAMORE RD	SEQUOIA CIR	COTTONWOOD TRL		0359-004	79	77	100	61	Flexible
SYCAMORE RD	COTTONWOOD TRL	CITY LIMIT		0359-005	78	71	100	64	Flexible
			Average:		77	74	100	59	
			Std. Dev.		2	3	0	4	
TAMPA DR	BERTRAM DR	PENSACOLA ST		0360-001	94	100	100	76	Flexible
			Average:		94	100	100	76	
			Std. Dev.		0	0	0	0	
TAUS CIR	REDWOOD DR	BLUEJAY DR		0361-001	89	85	100	77	Flexible
TAUS CIR	BLUEJAY DR	DS@660E BLUEJAY DR		0361-002	89	84	100	78	Flexible
TAUS CIR	DS@660E BLUEJAY DR	REDWOOD DR		0361-003	91	88	100	79	Flexible
			Average:		90	85	100	78	
			Std. Dev.		1	2	0	1	
TERI LN	NORTH END	DS@660N SOUTH END		0362-001	86	66	100	90	Flexible
TERI LN	DS@660N SOUTH END	E SPRING ST		0362-002	91	76	100	91	Flexible
			Average:		89	71	100	91	
			Std. Dev.		0	0	0	0	
TIMBALIER ST	PLYMOUTH AVE	DS@660N PLYMOUTH AVE		0363-001	82	72	100	72	Flexible
TIMBALIER ST	DS@660N PLYMOUTH AVE	PLYMOUTH AVE		0363-002	78	63	100	71	Flexible
			Average:		81	69	100	72	
			Std. Dev.		0	0	0	0	
TITUS DR	AUTUMN CREEK BLVD	DS@660S AUTUMN CREEK BLVD		0452-001	98	99	100	88	Flexible
TITUS DR	DS@660S AUTUMN CREEK BLVD	AUTUMN CREEK BLVD		0452-002	95	91	100	87	Flexible
			Average:		96	95	100	87	
			Std. Dev.		0	0	0	0	

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
TOMASK CT	BENJAMIN ST	NORTH END		0444-001	88	80	100	80	Flexible
				Average:	88	80	100	80	
				Std. Dev.	0	0	0	0	
TOWER LN	W SOMONAUK ST	NORTH END		0365-001	88	77	100	83	Flexible
				Average:	88	77	100	83	
				Std. Dev.	0	0	0	0	
TREMONT AVE	PRAIRIE CROSSING DR	COUNTRY HILLS DR		0366-001	90	79	100	87	Flexible
TREMONT AVE	COUNTRY HILLS DR	SOUTH END		0366-002	89	71	100	91	Flexible
				Average:	90	77	100	88	
				Std. Dev.	0	0	0	0	
TRILLIUM CT	CROOKED CREEK DR	EAST END		0367-001	99	97	100	91	Flexible
				Average:	99	97	100	91	
				Std. Dev.	0	0	0	0	
TUSCANY TRL	MILL RD	SHOEGER DR		0370-001	74	85	100	41	Flexible
TUSCANY TRL	SHOEGER DR	CROOKER DR		0370-002	76	100	100	31	Flexible
TUSCANY TRL	CROOKER DR	PRESTON DR		0370-003	68	77	100	35	Flexible
TUSCANY TRL	PRESTON DR	DS@660N PRESTON DR		0370-004	70	72	100	45	Flexible
TUSCANY TRL	DS@660N PRESTON DR	DS@1320N PRESTON DR		0370-005	79	93	100	46	Flexible
TUSCANY TRL	DS@1320N PRESTON DR	CITY LIMIT		0370-006	73	80	100	44	Flexible
				Average:	73	86	100	40	
				Std. Dev.	4	12	0	7	
TWINLEAF TRL	ALAN DALE LN	DS@660E ALAN DALE LN		0371-001	93	87	100	87	Flexible
TWINLEAF TRL	DS@660E ALAN DALE LN	SUMAC DR		0371-002	91	78	100	89	Flexible
TWINLEAF TRL	SUMAC DR	DS@660E SUMAC DR		0371-003	92	82	100	88	Flexible
TWINLEAF TRL	DS@660E SUMAC DR	FAXON RD		0371-004	95	88	100	89	Flexible
				Average:	93	84	100	88	
				Std. Dev.	1	4	0	1	
TYLER CREEK CT	POPLAR DR	NORTH END		0372-001	87	83	100	74	Flexible
				Average:	87	83	100	74	
				Std. Dev.	0	0	0	0	
VAN EMMON ST E	CITY LIMIT	BENJAMIN ST		0143-001	97	96	100	87	Flexible
VAN EMMON ST E	BENJAMIN ST	DS@660W BENJAMIN ST		0143-002	90	96	100	69	Flexible
				0143-003	95	100	100	79	Flexible
VAN EMMON ST E	DS@660W BENJAMIN ST	BENJAMIN ST		0143-003	95	100	100	79	Flexible
VAN EMMON ST E	DS@1320W BENJAMIN ST	MILL ST		0143-004	94	100	100	75	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
VAN EMMON ST E	MILL ST	HEUSTIS ST		0143-005	93	100	100	74	Flexible
				Average:	93	98	100	76	
				Std. Dev.	3	2	0	7	
VAN EMMON ST E	HEUSTIS ST	S BRIDGE ST		0143-006	88	100	100	61	Flexible
				Average:	88	100	100	61	
				Std. Dev.	0	0	0	0	
VAN EMMON ST W	S BRIDGE ST	PAVEMENT CHANGE		0394-000	94	99	100	77	Rigid
				Average:	94	99	100	77	
				Std. Dev.	0	0	0	0	
VAN EMMON ST W	PAVEMENT CHANGE	S MAIN ST		0394-001	95	100	100	77	Flexible
				Average:	95	100	100	77	
				Std. Dev.	0	0	0	0	
VAN EMMON ST W	S MAIN ST	STATE ST		0394-002	74	78	100	46	Flexible
VAN EMMON ST W	STATE ST	ADAMS ST		0394-003	87	99	100	58	Flexible
VAN EMMON ST W	ADAMS ST	MORGAN ST		0394-004	88	100	100	60	Flexible
				Average:	83	92	100	54	
				Std. Dev.	8	13	0	8	
VILLAGE VIEW DR	STAGECOACH TRAIL	MURFIELD DR		0373-001	90	90	100	75	Flexible
VILLAGE VIEW DR	MURFIELD DR	ST JOSEPH'S WAY		0373-002	88	86	100	75	Flexible
VILLAGE VIEW DR	ST JOSEPH'S WAY	KINGSMILL ST		0373-003	85	85	100	67	Flexible
				Average:	87	86	100	72	
				Std. Dev.	2	2	0	5	
VIOLET CT	EMERALD LN	EAST END		0438-001	94	87	100	88	Flexible
				Average:	94	87	100	88	
				Std. Dev.	0	0	0	0	
WACKER DR	CITY LIMIT	ARROWHEAD DR		0396-001	92	91	100	80	Flexible
				Average:	92	91	100	80	
				Std. Dev.	0	0	0	0	
WALNUT ST	N BRIDGE ST	DS@660E N BRIDGE ST		0397-001	98	98	100	88	Flexible
WALNUT ST	DS@660E N BRIDGE ST	FREEMONT ST		0397-002	93	86	100	86	Flexible
				Average:	97	95	100	88	
				Std. Dev.	0	0	0	0	
WALNUT ST	FREEMONT ST	DS@660E FREEMONT ST		0397-003	89	90	100	72	Flexible
WALNUT ST	DS@660E FREEMONT ST	CITY LIMIT		0397-004	88	86	100	74	Flexible

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Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type				
				Average:	89	89	100	72					
				Std. Dev.	0	0	0	0					
				WALSH CIR	WALSH DR	COLUMBINE CT	0398-001	74		59	100	65	Flexible
				WALSH CIR	COLUMBINE CT	ASTER DR	0398-002	86		83	100	73	Flexible
				Average:	81	73	100	70					
				Std. Dev.	0	0	0	0					
				WALSH CIR	COLUMBINE CT	ASTER DR	0399-001	81		67	100	75	Flexible
				WALSH CIR	ASTER DR	ASTER DR	0399-002	85		73	100	79	Flexible
WALSH CIR	ASTER DR	ASTER DR	0399-003	88	94	100	66	Flexible					
WALSH CIR	ASTER DR	WALSH DR	0399-004	82	78	100	68	Flexible					
				Average:	84	75	100	75					
				Std. Dev.	3	9	0	6					
				WALSH CT	WALSH DR	WEST END	0400-001	79		70	100	67	Flexible
				WALSH CT	WALSH DR	WEST END	0400-001	79		70	100	67	Flexible
				Average:	79	70	100	67					
				Std. Dev.	0	0	0	0					
				WALSH DR	STAGECOACH TRAIL	WALSH CIR	0401-001	92		97	100	74	Flexible
				WALSH DR	WALSH CIR	STAGECOACH TRAIL	0401-001	93		100	100	74	Flexible
				WALSH DR	WALSH CIR	COLUMBINE DR	0401-002	87		91	100	66	Flexible
				WALSH DR	COLUMBINE DR	WALSH CIR	0401-003	85		86	100	68	Flexible
				WALSH DR	WALSH CIR	SUNFLOWER CT	0401-004	77		73	100	60	Flexible
				WALSH DR	SUNFLOWER CT	GREEN BRIAR RD	0401-005	79		75	100	63	Flexible
				WALSH DR	GREEN BRIAR RD	WALSH CT	0401-006	95		93	100	86	Flexible
				WALSH DR	WALSH CT	W BARBERRY CIR	0401-007	87		66	100	91	Flexible
WALSH DR	W BARBERRY CIR	HAWTHORNE CT	0401-008	96	91	100	90	Flexible					
WALSH DR	HAWTHORNE CT	BUCKTHORN CT	0401-009	99	96	100	92	Flexible					
WALSH DR	BUCKTHORN CT	W BARBERRY CIR	0401-010	99	96	100	92	Flexible					
				Average:	96	90	100	91					
				Std. Dev.	5	12	0	2					
				WALSH DR	W BARBERRY CIR	BURNING BUSH DR	0401-011	96		91	100	91	Flexible
				WALSH DR	BURNING BUSH DR	SPICEBUSH CT	0401-012	98		96	100	89	Flexible
				WALSH DR	SPICEBUSH CT	E BARBERRY CIR	0401-013	98		94	100	92	Flexible
				WALSH DR	E BARBERRY CIR	NORTH END	0401-014	96		93	100	89	Flexible
				WALSH DR	W BARBERRY CIR	BURNING BUSH DR	0401-011	96		91	100	91	Flexible
				WALSH DR	BURNING BUSH DR	SPICEBUSH CT	0401-012	98		96	100	89	Flexible
				WALSH DR	SPICEBUSH CT	E BARBERRY CIR	0401-013	98		94	100	92	Flexible
				WALSH DR	E BARBERRY CIR	NORTH END	0401-014	96		93	100	89	Flexible
				Average:	97	93	100	91					
				Std. Dev.	1	2	0	1					
				WALTER ST	MILL ST	ILLINI DR	0402-001	87		88	100	69	Flexible
				WALTER ST	MILL ST	ILLINI DR	0402-001	87		88	100	69	Flexible
				Average:	87	88	100	69					
				Std. Dev.	0	0	0	0					
WARBLER LN	COACH RD	DS@660N PARKSIDE LN		0403-001	88	73	100	87	Flexible				

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
WARBLER LN	DS@660N PARKSIDE LN	PARKSIDE LN		0404-001	89	71	100	91	Flexible
WASHINGTON ST E	S BRIDGE ST	HEUSTIS ST		0144-001	93	90	100	83	Flexible
WASHINGTON ST E	HEUSTIS ST	MILL ST		0144-002	90	81	100	85	Flexible
WASHINGTON ST E	MILL ST	EAST END		0144-003	84	80	100	70	Flexible
WASHINGTON ST W	MORGAN ST	WEST END		0395-001	90	82	100	83	Flexible
WASHINGTON ST W	MORGAN ST	ADRIAN ST		0395-002	83	63	100	86	Flexible
WASHINGTON ST W	ADRIAN ST	STATE ST		0395-003	94	86	100	89	Flexible
WASHINGTON ST W	STATE ST	S MAIN ST		0395-004	93	86	100	86	Flexible
WASHINGTON ST W	S MAIN ST	S BRIDGE ST		0395-005	94	90	100	85	Flexible
WAVERLY CIR	SUTTON ST	SOUTH END		0405-001	87	89	100	69	Flexible
WEST ST	W CENTER ST	W SOMONAUK ST		0406-001	88	73	100	88	Flexible
WESTERN LN	NORTHLAND LN	CANYON TRL		0407-001	88	84	100	77	Flexible
WESTERN LN	CANYON TRL	DS@660W CANYON TRL		0407-002	91	93	100	75	Flexible
WESTERN LN	DS@660W CANYON TRL	HIGH RIDGE LN		0407-003	89	89	100	75	Flexible
WESTERN LN	HIGH RIDGE LN	IROQUOIS LN		0407-004	87	81	100	77	Flexible
WESTON AVE	KINGSMILL ST	DS@660S KINGSMILL ST		0408-001	87	91	100	67	Flexible
WESTON AVE	DS@660S KINGSMILL	HAZELTINE WAY		0408-002	88	90	100	71	Flexible

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
	ST								
				Average:	87	91	100	69	
				Std. Dev.	0	0	0	0	
WESTWIND DR	CORNERSTONE DR	DS@660W CORNERSTONE DR		0409-001	88	73	100	87	Flexible
WESTWIND DR	DS@660W CORNERSTONE DR	CORNERSTONE DR		0409-002	96	93	100	87	Flexible
				Average:	90	78	100	87	
				Std. Dev.	0	0	0	0	
WHEATLAND CT	HOMESTEAD DR	NORTH END		0410-001	84	81	100	70	Flexible
				Average:	84	81	100	70	
				Std. Dev.	0	0	0	0	
WHEATON AVE	CALEDONIA DR	JONATHAN DR		0411-001	94	91	100	85	Flexible
WHEATON AVE	JONATHAN DR	FONTANA DR		0411-002	98	99	100	86	Flexible
WHEATON AVE	FONTANA DR	SHADOW WOOD DR		0411-003	95	97	100	82	Flexible
WHEATON AVE	SHADOW WOOD DR	DS@315S SHADOW WOOD DR		0411-004	95	100	100	79	Flexible
				Average:	95	97	100	83	
				Std. Dev.	2	4	0	3	
WHEATON AVE	DS@315S SHADOW WOOD DR	DS@975S SHADOW WOOD DR		0411-005	93	99	100	74	Flexible
WHEATON AVE	DS@975S SHADOW WOOD DR	DS@1635S SHADOW WOOD DR		0411-006	80	86	100	53	Flexible
WHEATON AVE	DS@1635S SHADOW WOOD DR	COMMERCIAL DR		0411-007	87	100	100	59	Flexible
WHEATON AVE	COMMERCIAL DR	N BRIDGE RD		0411-008	82	99	100	47	Flexible
				Average:	85	96	100	58	
				Std. Dev.	6	7	0	13	
WHITE OAK WAY	W FOX ST	NORWAY CIR		0412-001	95	91	100	86	Flexible
				Average:	95	91	100	86	
				Std. Dev.	0	0	0	0	
WHITE OAK WAY	NORWAY CIR	DS@660E NORWAY CIR		0412-002	84	87	100	64	Flexible
WHITE OAK WAY	DS@660E NORWAY CIR	NORWAY CIR		0412-003	83	87	100	62	Flexible
WHITE OAK WAY	NORWAY CIR	DS@660E NORWAY CIR		0412-004	82	77	100	68	Flexible
WHITE OAK WAY	DS@660E NORWAY CIR	RIVER BIRCH LN		0412-005	82	81	100	65	Flexible
WHITE OAK WAY	RIVER BIRCH LN	SPRUCE CT		0412-006	74	62	100	62	Flexible
WHITE OAK WAY	SPRUCE CT	DS@660E SPRUCE CT		0412-007	74	73	100	53	Flexible
WHITE OAK WAY	DS@660E SPRUCE CT	DS@1320E SPRUCE CT		0412-008	82	85	100	60	Flexible
WHITE OAK WAY	DS@1320E SPRUCE	NORWAY CIR		0412-009	81	84	100	58	Flexible



# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
CT									
Average:					80	80	100	61	
Std. Dev.					4	7	0	6	
WHITE PINE CT	JOHN ST	SOUTH END		0413-001	88	85	100	75	Flexible
Average:					88	85	100	75	
Std. Dev.					0	0	0	0	
WHITE PLAINS LN	HIGH RIDGE LN	IROQUOIS LN		0414-001	94	100	100	76	Flexible
WHITE PLAINS LN	IROQUOIS LN	WEST END		0414-002	91	91	100	77	Flexible
Average:					93	98	100	76	
Std. Dev.					0	0	0	0	
WHITEKIRK LN	PRESTWICK LN	CALLANDER TRL		0415-001	92	84	100	86	Flexible
WHITEKIRK LN	CALLANDER TRL	GLENEAGLES LN		0415-002	94	87	100	88	Flexible
WHITEKIRK LN	GLENEAGLES LN	DUNBAR CT		0415-003	96	94	100	88	Flexible
WHITEKIRK LN	DUNBAR CT	CALLANDER TRL		0415-004	92	84	100	86	Flexible
WHITEKIRK LN	CALLANDER TRL	ABERDEEN CT		0415-005	93	85	100	89	Flexible
Average:					94	87	100	88	
Std. Dev.					2	5	0	1	
WHITEKIRK LN	ABERDEEN CT	DS@660S ABERDEEN CT		0415-006	97	94	100	90	Flexible
Average:					97	94	100	90	
Std. Dev.					0	0	0	0	
WILD INDIGO LN	BLUESTEM DR	DS@660S BLUESTEM DR		0416-001	90	93	100	72	Flexible
WILD INDIGO LN	DS@660S BLUESTEM DR	HAYDEN DR		0416-002	89	94	100	70	Flexible
Average:					90	93	100	71	
Std. Dev.					0	0	0	0	
WILLOW WAY	JOHN ST	DS@660N JOHN ST		0417-001	81	73	100	69	Flexible
WILLOW WAY	DS@660N JOHN ST	DS@1320N JOHN ST		0417-002	78	67	100	69	Flexible
WILLOW WAY	DS@1320N JOHN ST	EVERGREEN LN		0417-003	76	58	100	71	Flexible
Average:					79	68	100	69	
Std. Dev.					2	6	0	1	
WILTON CT	KENTSHIRE DR	EAST END		0418-001	94	93	100	83	Flexible
Average:					94	93	100	83	
Std. Dev.					0	0	0	0	
WINDETT RIDGE RD	S BRIDGE ST	WYTHE PL		0419-001	92	96	100	75	Flexible
WINDETT RIDGE RD	WYTHE PL	CLAREMONT CT		0419-002	91	92	100	75	Flexible
WINDETT RIDGE RD	CLAREMONT CT	SUTTON ST		0419-003	88	94	100	67	Flexible
WINDETT RIDGE RD	SUTTON ST	DRAYTON CT		0419-004	90	94	100	72	Flexible
WINDETT RIDGE RD	DRAYTON CT	WINTERTHUR GRN		0419-005	88	86	100	75	Flexible
WINDETT RIDGE RD	WINTERTHUR GRN	COACH RD		0419-006	89	89	100	75	Flexible

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
WINDETT RIDGE RD	COACH RD	FAIRFAX WAY		0419-007	94	87	100	88	Flexible
WINDETT RIDGE RD	FAIRFAX WAY	DS@660E FAIRFAX WAY		0419-008	95	91	100	86	Flexible
WINDETT RIDGE RD	DS@660E FAIRFAX WAY	FITZHUGH TURN		0419-009	97	97	100	87	Flexible
WINDETT RIDGE RD	FITZHUGH TURN	KENTSHIRE DR		0419-010	93	85	100	88	Flexible
Average:					92	91	100	79	
Std. Dev.					3	4	0	8	
WINDHAM CIR	POPLAR DR	WINDHAM CT		0420-001	89	93	100	69	Flexible
WINDHAM CIR	WINDHAM CT	STONY CREEK LN		0420-002	89	90	100	73	Flexible
WINDHAM CIR	STONY CREEK LN	DS@660W STONY CREEK LN		0420-003	89	91	100	71	Flexible
WINDHAM CIR	DS@660W STONY CREEK LN	POPLAR DR		0420-004	88	85	100	76	Flexible
Average:					89	91	100	71	
Std. Dev.					0	2	0	2	
WINDHAM CT	WINDHAM CIR	NORTH END		0421-001	84	87	100	63	Flexible
Average:					84	87	100	63	
Std. Dev.					0	0	0	0	
WING RD	STAGECOACH TRAIL	DS@660S STAGECOACH TRAIL		0422-001	82	94	100	50	Flexible
WING RD	DS@660S STAGECOACH TRAIL	CITY LIMIT		0422-002	87	90	100	67	Flexible
Average:					84	92	100	57	
Std. Dev.					0	0	0	0	
WINTERBERRY DR	ALAN DALE LN	DS@660N ALAN DALE LN		0423-001	91	81	100	88	Flexible
WINTERBERRY DR	DS@660N ALAN DALE LN	FAXON RD		0423-002	92	83	100	88	Flexible
Average:					91	82	100	88	
Std. Dev.					0	0	0	0	
WINTERTHUR GRN	WINDETT RIDGE RD	SOUTH END		0424-001	88	85	100	75	Flexible
Average:					88	85	100	75	
Std. Dev.					0	0	0	0	
WOLF ST	DEER ST	BADGER ST		0425-001	89	87	100	75	Flexible
Average:					89	87	100	75	
Std. Dev.					0	0	0	0	
WOOD SAGE AVE	CORNERSTONE DR	DS@660S CORNERSTONE DR		0426-001	86	77	100	78	Flexible
WOOD SAGE AVE	DS@660S CORNERSTONE DR	GARDEN ST		0426-002	89	79	100	84	Flexible

# Yorkville, IL 2018

## Overview Pavement Condition Report

Street	From	To	Zone	St-Blk #	Pavement Con. #	Dynamic Con. #	Deflect Con. #	Surface Con. #	Pvmt Type
			Average:		87	78	100	80	
			Std. Dev.		0	0	0	0	
WOODWORTH ST	E SPRING ST	DS@660N E SPRING ST		0427-001	93	87	100	85	Flexible
WOODWORTH ST	DS@660N E SPRING ST	E MAIN ST		0427-002	95	90	100	87	Flexible
			Average:		94	88	100	86	
			Std. Dev.		0	0	0	0	
WORSLEY ST	E MAIN ST	SOUTH END		0428-001	76	85	100	45	Flexible
			Average:		76	85	100	45	
			Std. Dev.		0	0	0	0	
WREN RD	PRAIRIE CROSSING DR	GOLDFINCH AVE		0429-001	92	96	100	75	Flexible
WREN RD	GOLDFINCH AVE	DS@660S GOLDFINCH AVE		0429-002	97	100	100	83	Flexible
			Average:		96	99	100	81	
			Std. Dev.		0	0	0	0	
WREN RD	DS@660S GOLDFINCH AVE	MONTROSE CT		0429-003	89	78	100	86	Flexible
WREN RD	MONTROSE CT	PENMAN RD		0429-004	91	82	100	86	Flexible
			Average:		90	80	100	86	
			Std. Dev.		0	0	0	0	
WYTHE PL	WINDETT RIDGE RD	SOUTH END		0430-001	89	93	100	71	Flexible
			Average:		89	93	100	71	
			Std. Dev.		0	0	0	0	
YELLOWSTONE LN	NORTHLAND LN	ALAN DALE LN		0431-001	81	71	100	71	Flexible
YELLOWSTONE LN	ALAN DALE LN	MEADOWVIEW LN		0431-002	79	71	100	66	Flexible
			Average:		80	71	100	69	
			Std. Dev.		0	0	0	0	



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 2018-95

### Agenda Item Summary Memo

**Title:** Capital Improvement Plan – 5 Year Plan

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:**

**Council Action Previously Taken:**

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

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

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

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

**Submitted by:** Brad Sanderson  
Name Department

**Agenda Item Notes:**

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**UNITED CITY OF YORKVILLE**  
**CAPITAL IMPROVEMENT PROGRAM FY2020-2024**  
**PROJECT COST SUMMARY**

**PROJECT FUNDING**

Project Code	Project Title	FY20	FY21	FY22	FY23	FY24	Future Years	Total Cost	Funded		
									City	Grants / Developer	Unfunded
WM01	Rt 71 Watermain Replacement - Phase 1 (East)	42,166	42,166	42,166	-	-	-	126,499	126,499	-	-
WM02	Rt 71 Watermain Replacement - Phase 2 (West)	-	-	-	-	-	423,500	423,500	423,500	-	-
WM03	Well No. 7 Rehabilitation	165,000	-	-	-	-	-	165,000	165,000	-	-
WM04	Well No. 8 Rehabilitation	-	175,000	-	-	-	-	175,000	175,000	-	-
WM05	Well No. 6 and Water Treatment Plant	-	-	-	-	-	4,855,000	4,855,000	-	-	4,855,000
WM06	WTP No. 8 & 9 Cation Exchange Media Replacement	175,000	-	-	-	-	-	175,000	175,000	-	-
WM07	WTP No. 3 & 4 Cation Exchange Media Replacement	-	195,000	-	-	-	-	195,000	195,000	-	-
WM08	WTP No. 7 Cation Exchange Media Replacement	-	-	150,000	-	-	-	150,000	150,000	-	-
WM09	WTP Sludge Management	-	-	30,000	-	-	30,000	60,000	60,000	-	-
WM10	Sub-Regional Water Implementation - Engineering	30,000	15,000	15,000	-	-	-	60,000	60,000	-	-
WM11	Sub-Regional Water Implementation - Land	200,000	200,000	-	-	-	-	400,000	400,000	-	-
WM12	North Central EWST Re-Paint	-	18,000	477,000	-	-	-	495,000	-	-	495,000
WM13	South Central EWST Re-Paint	-	-	18,000	477,000	-	-	495,000	-	-	495,000
WM14	Orange Street Watermain Replacement	445,000	-	-	-	-	-	445,000	-	-	-
WM15	Appletree Court Watermain Replacement (RTBR)	-	-	-	-	-	180,000	180,000	-	-	180,000
WM16	Elizabeth Street Watermain Replacement (RTBR)	34,000	478,000	-	-	-	-	512,000	-	-	512,000
WM17	Orange/Olsen Watermain Looping (RTBR)	-	11,000	154,000	-	-	-	165,000	-	-	165,000
WM18	Colton Street Watermain Replacement (RTBR)	-	-	25,000	342,000	-	-	367,000	-	-	367,000
WM19	Main Street Watermain Replacement (RTBR)	-	-	-	20,000	-	280,000	300,000	-	-	300,000
WM20	S. Main Street Watermain Replacement (RTBR)	-	-	-	-	-	880,000	880,000	-	-	880,000
WM21	Morgan Street Watermain Replacement (RTBR)	-	-	-	-	-	376,000	376,000	-	-	376,000
WM22	E. Fox Street Watermain Replacement (RTBR)	-	-	-	-	-	142,000	142,000	-	-	142,000
WM23	East Washington Watermain Replacement (RTBR)	-	-	-	-	-	324,000	324,000	-	-	324,000
WM24	Rt 34 (East) Water Main	35,000	-	-	-	-	-	35,000	-	-	35,000
WM25	East Alley Water Main Replacement (TIF)	-	-	-	-	-	372,000	372,000	-	-	372,000
WM26	Well No. 7 Standby Generator	350,000	-	-	-	-	-	350,000	350,000	-	-
WM27	Beaver Street Standby Generator	-	-	-	-	-	87,500	87,500	-	-	87,500
WM28	Radio-Read Meter Retrofit	500,000	500,000	-	-	-	-	1,000,000	-	-	1,000,000
	Sub-Total Water	1,976,166	1,634,166	911,166	839,000	-	7,950,000	13,310,499	2,279,999	-	10,585,500
WW01	SSES Rehabilitation and Replacement (RTBR)	-	200,000	200,000	200,000	200,000	-	800,000	800,000	-	-
WW02	202 River Road Sanitary Sewer	-	-	16,000	220,000	-	-	236,000	236,000	-	236,000
WW03	E. Fox Sanitary Sewer Replacement	-	-	-	-	-	160,000	160,000	160,000	-	160,000
WW04	E. Orange Sanitary Sewer Replacement	137,000	-	-	-	-	-	137,000	137,000	-	137,000
WW05	Rt 71 Sanitary Sewer Replacement - Phase 1 (East)	63,000	63,000	63,000	-	-	-	189,000	189,000	-	189,000
WW06	Rt 34 (East) - Sanitary	-	-	-	-	-	-	-	-	-	-
WW07	SCADA (7 Lift Stations)	67,000	67,000	67,000	-	-	-	201,000	201,000	-	-
WW08	Sanitary Sewer Lining (TIF)	-	-	-	-	-	-	-	-	-	-
	Sub-Total Sanitary	267,000	330,000	346,000	420,000	200,000	160,000	1,723,000	1,723,000	-	722,000
RW01	Roads to Better Roads Program (RTBR)	700,000	700,000	675,000	675,000	675,000	-	3,425,000	3,425,000	-	-
RW02	ITEP Grant Kennedy Road Shared Use Path	32,000	-	-	-	-	-	32,000	32,000	-	-
RW03	Rt. 71 Improvements - Phase 1 (East)	30,333	30,333	30,334	-	-	-	91,000	91,000	-	-
RW04	Rt. 71 Improvements - Phase 2 (West)	-	-	-	-	-	150,000	150,000	150,000	-	-
RW05	Rt. 34 (East Improvements)	98,413	-	-	-	-	-	98,413	98,413	-	-
RW06	Rt. 34 (West Improvements)	110,226	110,226	-	-	-	-	220,452	220,452	-	-
RW07	Mill Road (Grande Reserve)	3,500,000	-	-	-	-	-	3,500,000	3,500,000	-	-
RW08	Kennedy Road - West (Grande Reserve)	-	-	-	-	-	1,082,000	1,082,000	-	1,082,000	-
RW09	Kennedy Road - Central (Grande Reserve)	-	-	-	-	-	2,522,000	2,522,000	-	2,522,000	-
RW10	Kennedy Road - North (Grande Reserve)	-	-	-	-	-	1,046,000	1,046,000	-	1,046,000	-
RW11	Pavillion Road Bank Stabilization (RTBR)	137,500	-	-	-	-	-	137,500	137,500	-	-
RW12	Rt 47 North Improvements	-	-	-	-	250,000	-	250,000	-	-	250,000
RW13	Baseline Road Bridge Repair	25,000	25,000	-	-	-	-	50,000	-	-	50,000
	Sub-Total Roadway	4,608,472	840,559	705,334	675,000	925,000	4,800,000	12,554,365	7,654,365	4,650,000	250,000
OTHER	Material Storage Building - Public Works	-	350,000	-	-	-	-	350,000	-	-	350,000
<b>ANNUAL PROGRAM TOTALS</b>		<b>6,851,638</b>	<b>3,154,725</b>	<b>1,962,500</b>	<b>1,934,000</b>	<b>1,125,000</b>	<b>12,910,000</b>	<b>27,937,864</b>	<b>11,657,364</b>	<b>4,650,000</b>	<b>11,907,500</b>

# 2020-2024 Capital Project Sheet

Project # **WM01**

## Project Description **Rt 71 Water Main Replacement - Phase 1 (East)**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing existing water main that is in conflict with the Rt 71 roadway improvements.

Project related to WW05 and RW03.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering		X			3,833	3,833	3,833				11,500
Land Acquisition											-
Infrastructure		X			38,333	38,333	38,333				114,999
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					42,166	42,166	42,166	-	-	-	126,499

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

Under Design

### Grants (funded or applied for) related to the project

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Projected Costs</b>		-	-	-	-	-	-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM02**

## Project Description **Rt 71 Water Main Replacement - Phase 2 (West)**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing existing water main that is in conflict with the Rt 71 roadway improvements.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineer											-
Construction Engineering			X							38,500	38,500
Land Acquisition											-
Infrastructure			X							385,000	385,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	423,500	423,500

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

Under Design

### Grants (funded or applied for) related to the project

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM03**

## Project Description **Well No. 7 Rehabilitation**

### Project summary, justification and alignment to Strategic Plan

This project consists of performing miscellaneous well rehabilitation and maintenance for Well No. 7 and includes rehab of pump, motor and column piping.

Cost Summary	New	Maintenance	Replacement	FY 2020	FY 2120	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								-
Construction Engineering		X		15,000						15,000
Land Acquisition										-
Infrastructure		X		150,000						150,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
<b>TOTAL COST</b>				165,000	-	-	-	-	-	165,000

Funding Source(s)									
	▼								-
	▼								-
	▼								-
	▼								-
<b>TOTAL FUNDING SOURCES</b>				-	-	-	-	-	-

### Project status and completed work

Project Not Initiated

### Grants (funded or applied for) related to the project

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM04**

**Project Description** **Well No. 8 Rehabilitation**

## Project summary, justification and alignment to Strategic Plan

This project consists of performing miscellaneous well rehabilitation and maintenance for Well No.8 and includes rehab of pump, motor and column piping.

Cost Summary	New	Maintenance	Replacement	FY 2020	FY 2120	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								-
Construction Engineering		X			15,000					15,000
Land Acquisition										-
Infrastructure		X			160,000					160,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
<b>TOTAL COST</b>				-	175,000	-	-	-	-	175,000

Funding Source(s)									
	▼								-
	▼								-
	▼								-
	▼								-
<b>TOTAL FUNDING SOURCES</b>				-	-	-	-	-	-

## Project status and completed work

Project Not Initiated

## Grants (funded or applied for) related to the project

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **WM05**

## Project Description **Well No. 6 and Water Treatment Plant**

### Project summary, justification and alignment to Strategic Plan

New 1,000 GPM (1.44 MGD) capacity well and water treatment plant for north pressure zone. This facility should be operational prior to the City population reaching 25,000. Possibly needed in 7-10 (2023-2026) Years, depends on long-term water supply determination by City.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering	X									250,000	250,000
Construction Engineering	X									325,000	325,000
Land Acquisition											-
Infrastructure	X									4,280,000	4,280,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	4,855,000	4,855,000

### Funding Source(s)

	▼							-
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM06**

**Project Description** **WTP No. 8 & 9 Cation Exchange Media Replacement**

## Project summary, justification and alignment to Strategic Plan

Resin to be replaced every 10-20 years. The facility was constructed in 2004.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering		X			10,000						10,000
Land Acquisition											-
Infrastructure		X			165,000						165,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					175,000		-	-	-	-	175,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM07**

**Project Description** **WTP No. 3 & 4 Cation Exchange Media Replacement**

## Project summary, justification and alignment to Strategic Plan

Resin to be replaced every 10-20 years. The facility was constructed in 2006.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X				10,000					10,000
Construction Engineering		X				10,000					10,000
Land Acquisition											-
Infrastructure		X				175,000					175,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	195,000	-	-	-	-	195,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM08**

**Project Description** **WTP No. 7 Cation Exchange Media Replacement**

## Project summary, justification and alignment to Strategic Plan

Resin to be replaced every 10-20 years. The facility was constructed in 2005.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X					10,000				10,000
Construction Engineering		X					10,000				10,000
Land Acquisition											-
Infrastructure		X					130,000				130,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	150,000	-	-	-	150,000

Funding Source(s)									
	▼								-
	▼								-
	▼								-
	▼								-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-

## Project status and completed work

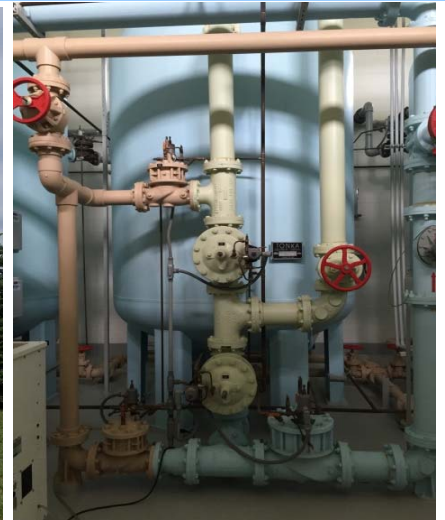
Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 20209	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM09**

**Project Description** **WTP Sludge Management**

## Project summary, justification and alignment to Strategic Plan

Sludge Management in each of the three WTP's.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering	X										-
Construction Engineering	X										-
Land Acquisition											-
Infrastructure	X						30,000			30,000	60,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	30,000	-	-	30,000	60,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
130-Capital Improvements Fund	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project

Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM10**

**Project Description** **Sub-Regional Water Implementation - Engineering**

## Project summary, justification and alignment to Strategic Plan

Per the Master Water Study

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure											-
Building											-
Machinery/Equipment											-
Other/Miscellaneous	X				30,000	15,000	15,000				60,000
<b>TOTAL COST</b>					30,000	15,000	15,000	-	-	-	60,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

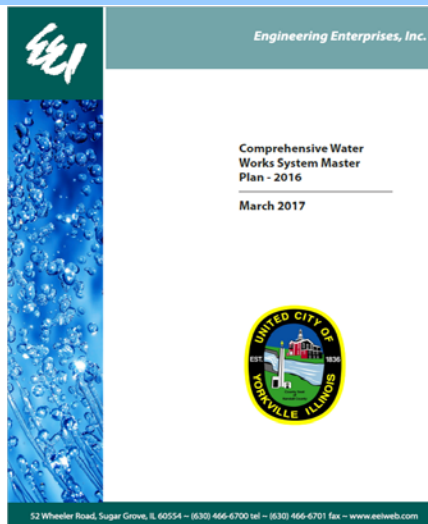
Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **WM11**

**Project Description** Sub-Regional Water Implementation - Land Acquisition

## Project summary, justification and alignment to Strategic Plan

Per the Master Water Study

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure	X				200,000	200,000					400,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					200,000	200,000	-	-	-	-	400,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

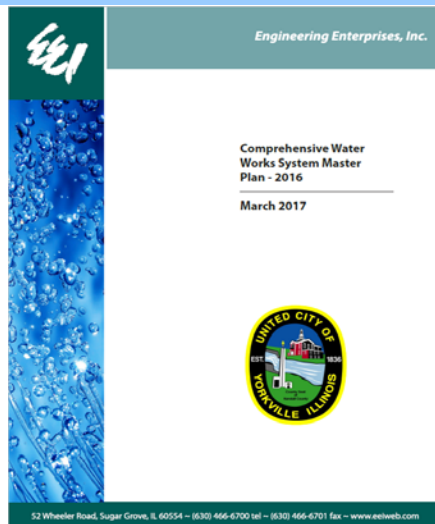
Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM12**

**Project Description** **North Central EWST Re-Paint**

## Project summary, justification and alignment to Strategic Plan

300,000 Gallon EWST, last recoated in 2008. Exterior should last 10 years, interior 15 years.

Note: Most expensive painting option shown.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X				18,000					18,000
Construction Engineering		X					27,000				27,000
Land Acquisition											-
Infrastructure		X					450,000				450,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	18,000	477,000	-	-	-	495,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **WM13**

**Project Description** **South Central EWST Re-Paint**

## Project summary, justification and alignment to Strategic Plan

500,000 Gallon EWST, last recoated in 2005. Coatings should last 15 years

Note: Most expensive painting option shown. No containment.

Cost Summary	New	Maintenance	Replacement	Replacement	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X					18,000				18,000
Construction Engineering		X						27,000			27,000
Land Acquisition											-
Infrastructure		X						450,000			450,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	18,000	477,000	-	-	495,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

Project status and completed work

Project Not Initiated.

Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM14**

## Project Description **Orange Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing the water main from Rt 47 to the east end.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X									-
Construction Engineering		X			40,000						40,000
Land Acquisition											-
Infrastructure		X			400,000						400,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X			5,000						5,000
<b>TOTAL COST</b>					445,000	-	-	-	-	-	445,000

### Funding Source(s)

130-Capital Improvements Fund	▼										-
	▼										-
	▼										-
	▼										-
<b>TOTAL FUNDING SOURCES</b>					-	-	-	-	-	-	-

### Project status and completed work

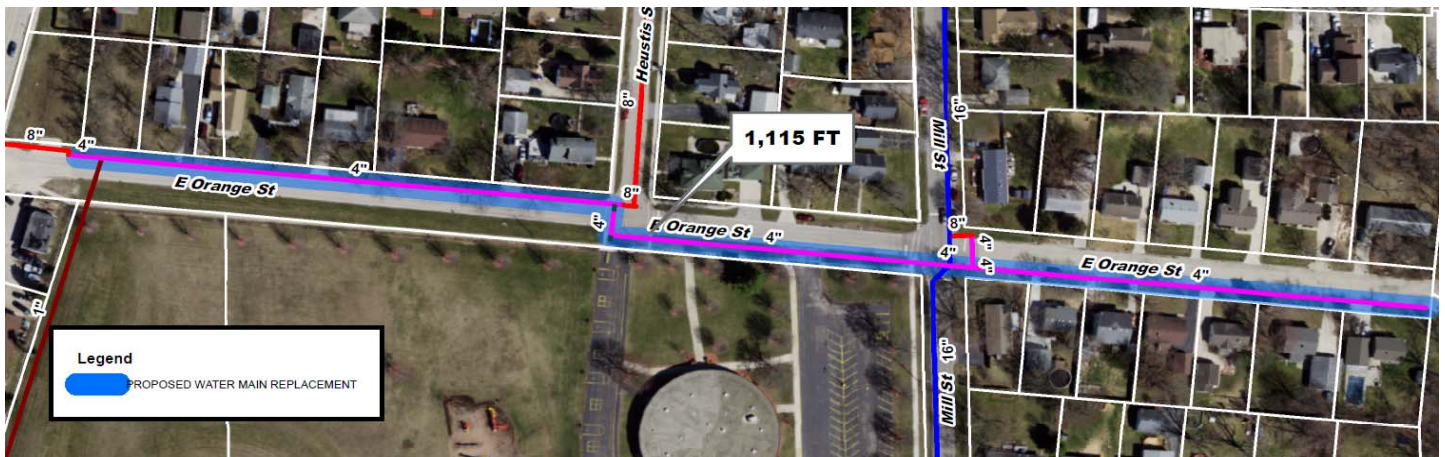
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM15**

## Project Description **Appletree Court Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 540 feet of existing watermain from IL Route 47 to West end.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X							15,000	15,000
Construction Engineering			X							15,000	15,000
Land Acquisition											-
Infrastructure			X							150,000	150,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous			X								-
<b>TOTAL COST</b>					-	-	-	-	-	180,000	180,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM16**

## Project Description **Elizabeth Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 1,555 feet of existing 4" water main with 8" water main from S Main Street to the west end.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X		34,000						34,000
Construction Engineering			X			43,000					43,000
Land Acquisition											-
Infrastructure			X			430,000					430,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous			X			5,000					5,000
<b>TOTAL COST</b>					34,000	478,000	-	-	-	-	512,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Cost</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM17**

## Project Description **Orange/Olsen Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of looping the water main at the east end of Orange Street and Olsen Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X				11,000					11,000
Construction Engineering		X					14,000				14,000
Land Acquisition											-
Infrastructure		X					135,000				135,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X					5,000				5,000
<b>TOTAL COST</b>					-	11,000	154,000	-	-	-	165,000

### Funding Source(s)

130-Capital Improvements Fund	▼										-
	▼										-
	▼										-
	▼										-
<b>TOTAL FUNDING SOURCES</b>					-	-	-	-	-	-	-

### Project status and completed work

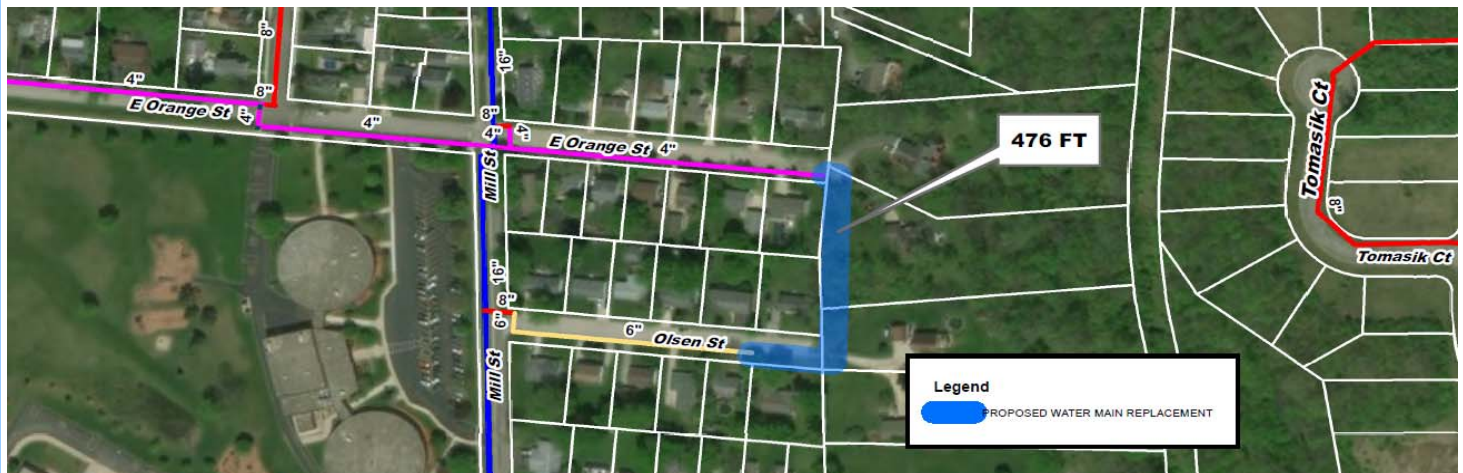
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM18**

## Project Description **Colton Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 1,115 feet of existing 4" water main from N Main Street to the Somonauk Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X					25,000				25,000
Construction Engineering		X						31,000			31,000
Land Acquisition											-
Infrastructure		X						306,000			306,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X						5,000			5,000
<b>TOTAL COST</b>					-	-	25,000	342,000	-	-	367,000

Funding Source(s)									
	▼								-
	▼								-
	▼								-
	▼								-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM19**

## Project Description **Main Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 895 feet of existing water main from IL Route 47 to Liberty Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X					20,000			20,000
Construction Engineering			X							25,000	25,000
Land Acquisition											-
Infrastructure			X							250,000	250,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous			X							5,000	5,000
<b>TOTAL COST</b>					-	-	-	20,000	-	280,000	300,000

### Funding Source(s)

	▼							-
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM20**

## Project Description **South Main Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 2,225 feet of existing 4" water main with 6" water main from W Van Emmon Street to W Beecher Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								60,000	60,000
Construction Engineering		X								75,000	75,000
Land Acquisition											-
Infrastructure		X								740,000	740,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X								5,000	5,000
<b>TOTAL COST</b>					-	-	-	-	-	880,000	880,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

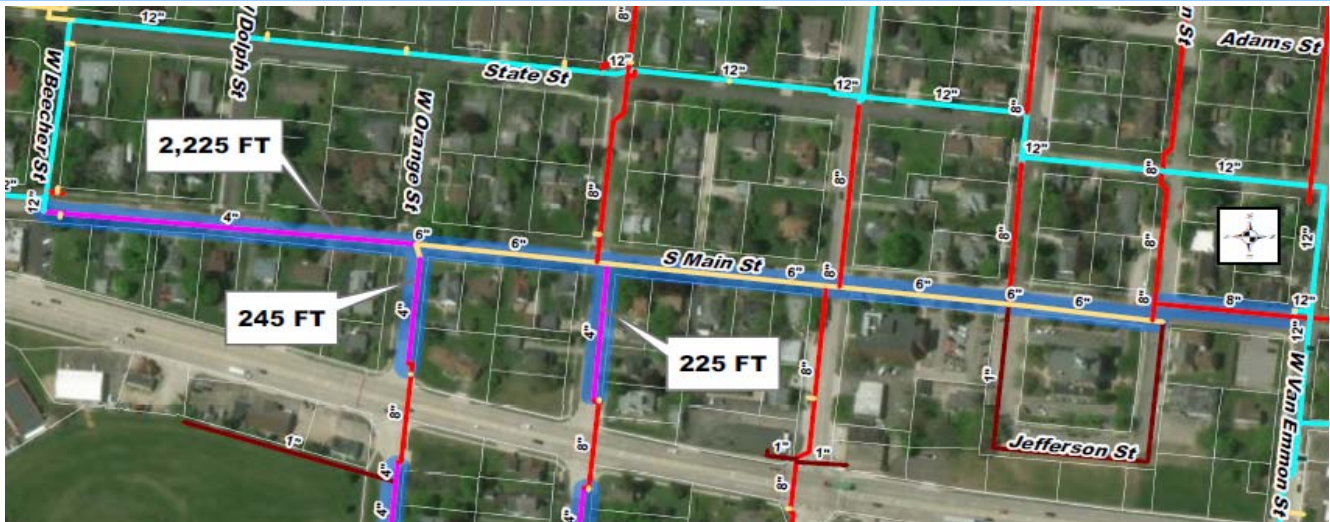
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM21**

## Project Description **Morgan Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 1,135 feet of existing water main from W. Fox Street to W. Dolph Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								25,000	25,000
Construction Engineering		X								31,000	31,000
Land Acquisition											-
Infrastructure		X								315,000	315,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X								5,000	5,000
<b>TOTAL COST</b>					-	-	-	-	-	376,000	376,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 20201	FY 2021	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM22**

## Project Description **East Fox Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 415 feet of existing water main from Mill Street to Bell Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X							10,000	10,000
Construction Engineering			X							12,000	12,000
Land Acquisition											-
Infrastructure			X							115,000	115,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous			X							5,000	5,000
<b>TOTAL COST</b>					-	-	-	-	-	142,000	142,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

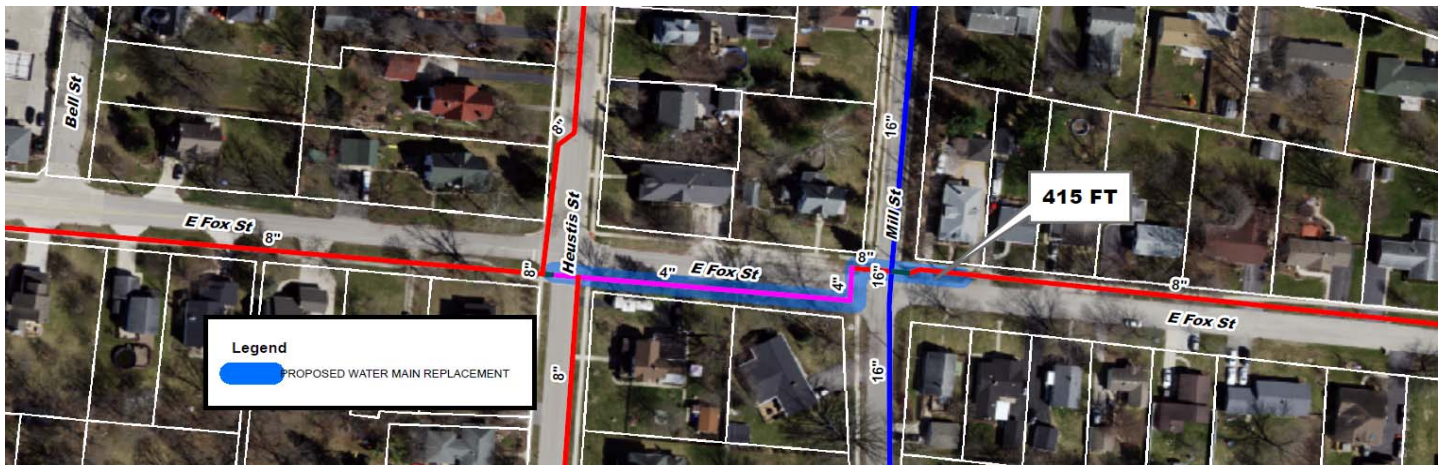
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM23**

## Project Description **E Washington Street Water Main Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing 985 feet of existing water main from IL Route 47 to Mill Street.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								22,000	22,000
Construction Engineering		X								27,000	27,000
Land Acquisition											-
Infrastructure		X								270,000	270,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous		X								5,000	5,000
<b>TOTAL COST</b>					-	-	-	-	-	324,000	324,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM24**

## Project Description **Rt 34 Water Main Improvements (East)**

### Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from IL-47 to Orchard Road.

Project related to WW06 and RW05.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X		35,000						35,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					35,000	-	-	-	-	-	35,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

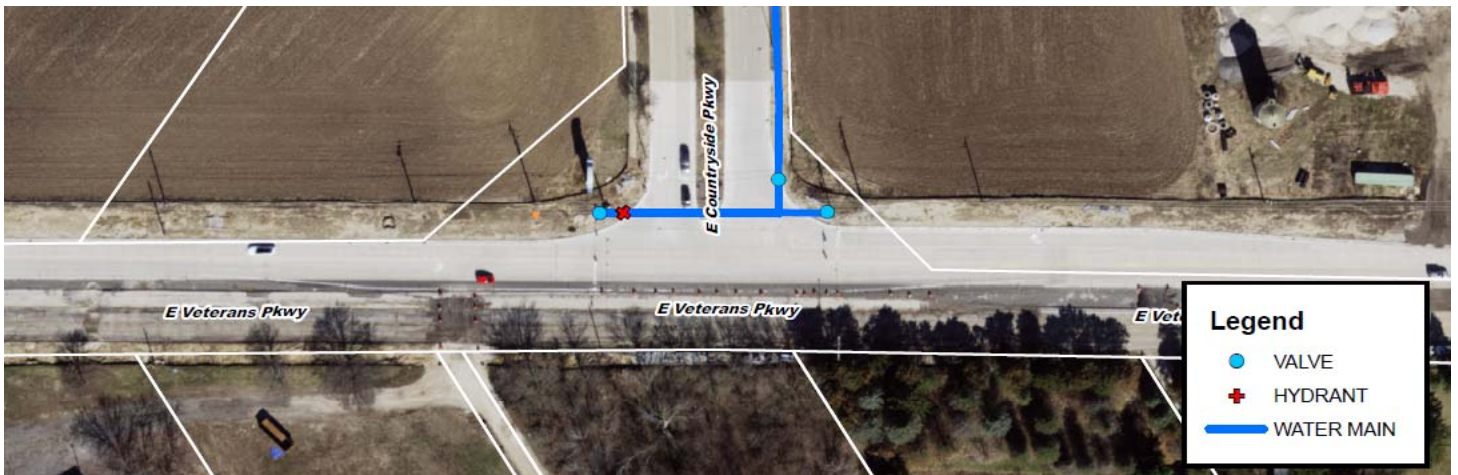
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM25**

## Project Description **East Alley Water Main Replacement (TIF)**

### Project summary, justification and alignment to Strategic Plan

This project is to replace the water main within the alley.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X							31,000	31,000
Construction Engineering			X							31,000	31,000
Land Acquisition											-
Infrastructure			X							310,000	310,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	372,000	372,000

### Funding Source(s)

	▼							-
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	-	-	-	-	-

### Project status and completed work

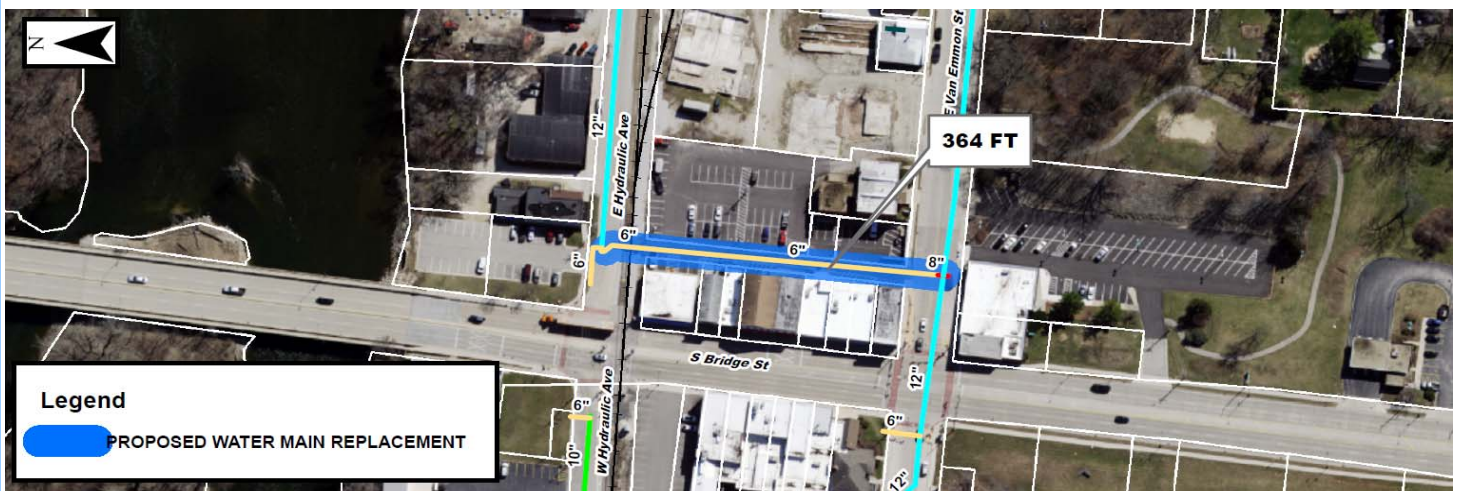
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM26**

**Project Description** **Well No. 7 Standby Generator**

## Project summary, justification and alignment to Strategic Plan

New Standby Generator for Well No. 7, which has a 400 HP motor, and Water Treatment Plant. Would allow operation of the well and Water Treatment Plant during a power outage.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering	X				25,000						25,000
Construction Engineering	X				15,000						15,000
Land Acquisition											-
Infrastructure	X				310,000						310,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					350,000		-	-	-	-	350,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WM27**

**Project Description** **Beaver Street BPS Standby Generator**

## Project summary, justification and alignment to Strategic Plan

New Standby Generator for Beaver Street Booster Pump Stations. Would allow operation of the BPS during a power outage.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering	X									7,500	7,500
Construction Engineering	X									5,000	5,000
Land Acquisition											-
Infrastructure	X									75,000	75,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	87,500	87,500

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WM28**

**Project Description** **Radio-Read Meter Retrofit**

**Project summary, justification and alignment to Strategic Plan**

.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure	X				500,000	500,000					1,000,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					500,000	500,000		-	-	-	1,000,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

**Project status and completed work**

Project Not Initiated.

**Grants (funded or applied for) related to the project.**

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

**Map/Pictures of Project**



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **WW01**

## Project Description **SSES Rehabilitation and Replacement**

### Project summary, justification and alignment to Strategic Plan

This project consists of the replacement of sanitary sewers, lining and MH rehabilitation as identified in the YBSD 2009 I and I Study.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure		X			-	200,000	200,000	200,000	200,000		800,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	200,000	200,000	200,000	200,000	-	800,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

### Project status and completed work

Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WW02**

## Project Description 202 River Road Sanitary Sewer Replacement

Project summary, justification and alignment to Strategic Plan

This project consists of replacing the sanitary sewer. The existing sanitary sewer runs beneath a private garage.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X					16,000				16,000
Construction Engineering		X						20,000			20,000
Land Acquisition											-
Infrastructure		X						200,000			200,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	16,000	220,000	-	-	236,000

### Funding Source(s)

	▼							-
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	-	-	-	-	-

### Project status and completed work

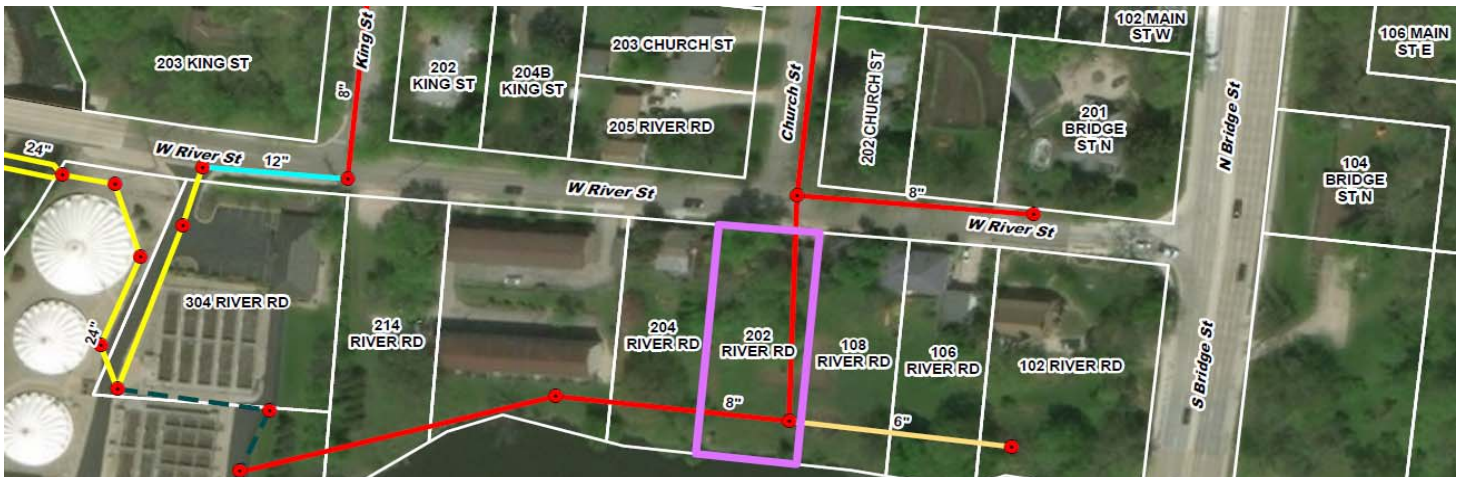
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WW03**

**Project Description** **East Fox Street Sanitary Sewer Replacement**

## Project summary, justification and alignment to Strategic Plan

This project consists of the replacement of the existing sanitary sewer.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 20201	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X							11,000	11,000
Construction Engineering			X							14,000	14,000
Land Acquisition											-
Infrastructure			X							135,000	135,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	160,000	160,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 20212	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WW04**

**Project Description** **East Orange Street Sanitary Sewer Replacement**

## Project summary, justification and alignment to Strategic Plan

This project consists of the replacement of the sanitary sewer.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering			X		10,000						10,000
Construction Engineering			X		12,000						12,000
Land Acquisition											-
Infrastructure			X		115,000						115,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					137,000	-	-	-	-	-	137,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WW05**

## Project Description **Route 71 Sanitary Sewer Replacement - Phase 1 (East)**

### Project summary, justification and alignment to Strategic Plan

This project consists of replacing existing sanitary sewer that is in conflict with the Rt 71 roadway improvements.

Project is related to WW05 and RW03.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering		X			58,333	58,333	58,333				175,000
Land Acquisition											-
Infrastructure		X			4,667	4,667	4,667				14,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					63,000	63,000	63,000	-	-	-	189,000

### Funding Source(s)

	▼										-
	▼										-
	▼										-
	▼										-
<b>TOTAL FUNDING SOURCES</b>					-	-	-	-	-	-	-

### Project status and completed work

Design complete.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **WW06**

**Project Description**      **Route 34 Sanitary Sewer Replacement**

## Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from IL 47 to Orchard Road.

Related to WM24 and RW05.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X								-
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>						-	-	-	-	-	-

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Design complete.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WW07**

## Project Description **SCADA - Wastewater**

### Project summary, justification and alignment to Strategic Plan

This project consists of the installation of SCADA at all city maintained lift stations (7).

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure	X				67,000	67,000	67,000				201,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					67,000	67,000	67,000		-	-	201,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

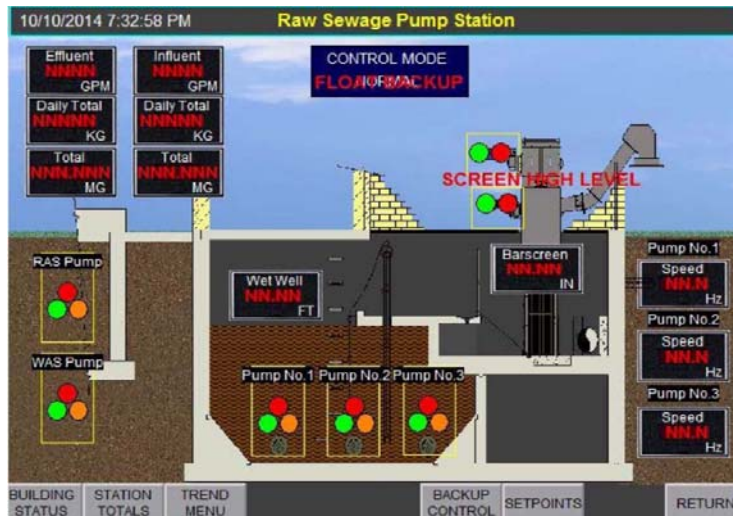
Project Not Initiated.

### Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **WW08**

**Project Description** **Sanitary Sewer Lining (TIF)**

## Project summary, justification and alignment to Strategic Plan

This project consists of the lining of sewers in the TIF area.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure		X									-
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	-	-

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

Project Not Initiated.

## Grants (funded or applied for) related to the project.

None

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **RW01**

**Project Description** Roads to Better Roads Program

## Project summary, justification and alignment to Strategic Plan

This project is for various improvements to the City's streets as determined by the pavement management program. The streets are determined annually for improvements.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X		700,000	700,000	675,000	675,000	675,000		3,425,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					700,000	700,000	675,000	675,000	675,000	-	3,425,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW02**

## Project Description ITEP Grant Kennedy Road Shared Use Path

### Project summary, justification and alignment to Strategic Plan

This project is for the construction of a shared-use path along Kennedy Road.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure	X				32,000						32,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					32,000	-	-	-	-	-	32,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>				-	-	-	-	-

### Project status and completed work

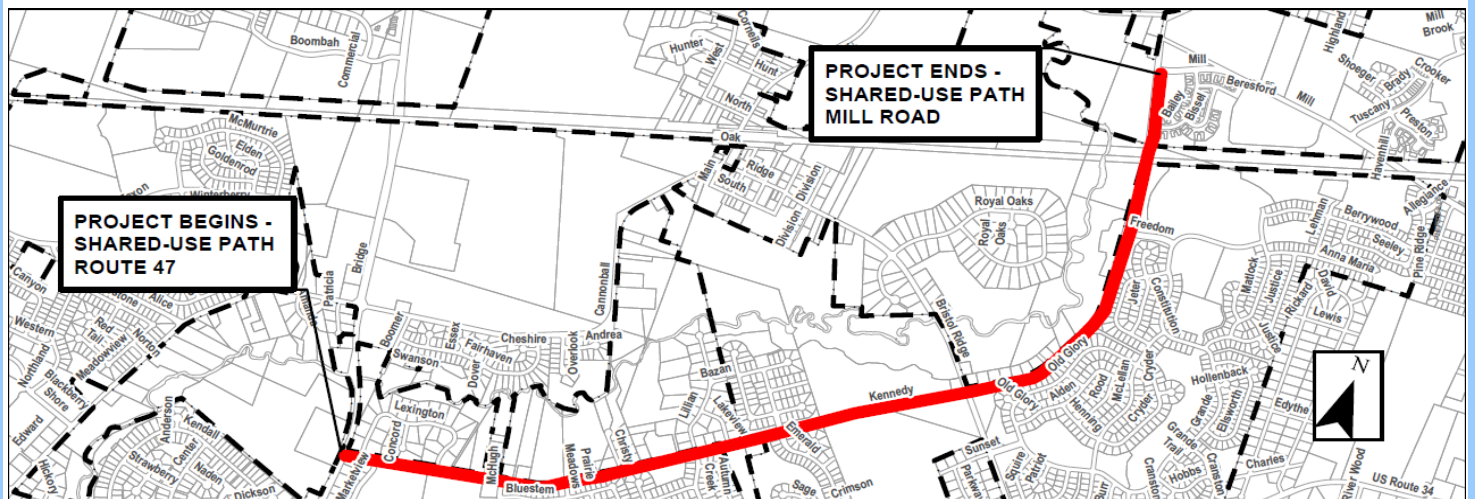
Under Construction

### Grants (funded or applied for) related to the project.

ITEP - \$1,387,280

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **RW03**

## Project Description **Route 71 Improvements - Phase I (East)**

### Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from IL 47 to IL 126.

Related to WM01 and WW05.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X		30,333	30,333	30,334				91,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					30,333	30,333	30,334	-	-	-	91,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

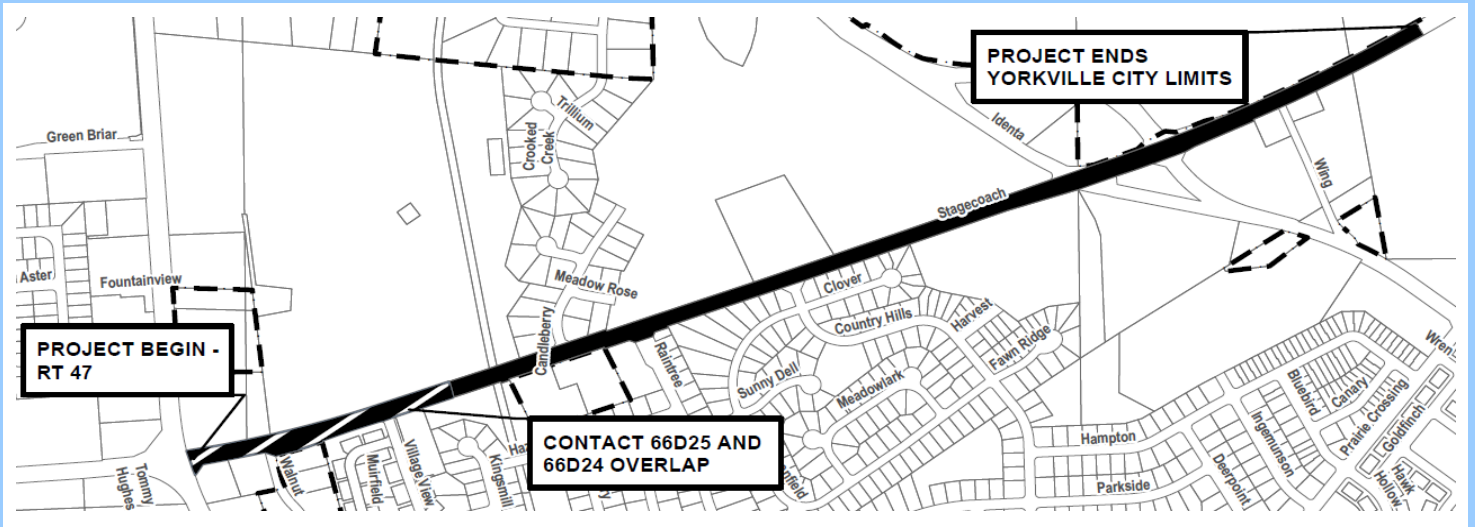
### Project status and completed work

Currently planned for Spring 2018 Letting

### Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **RW04**

## Project Description **Route 71 Improvements - Phase II (West)**

### Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from Walsh Drive to IL 47.

Related to WM02.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X							150,000	150,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	150,000	150,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

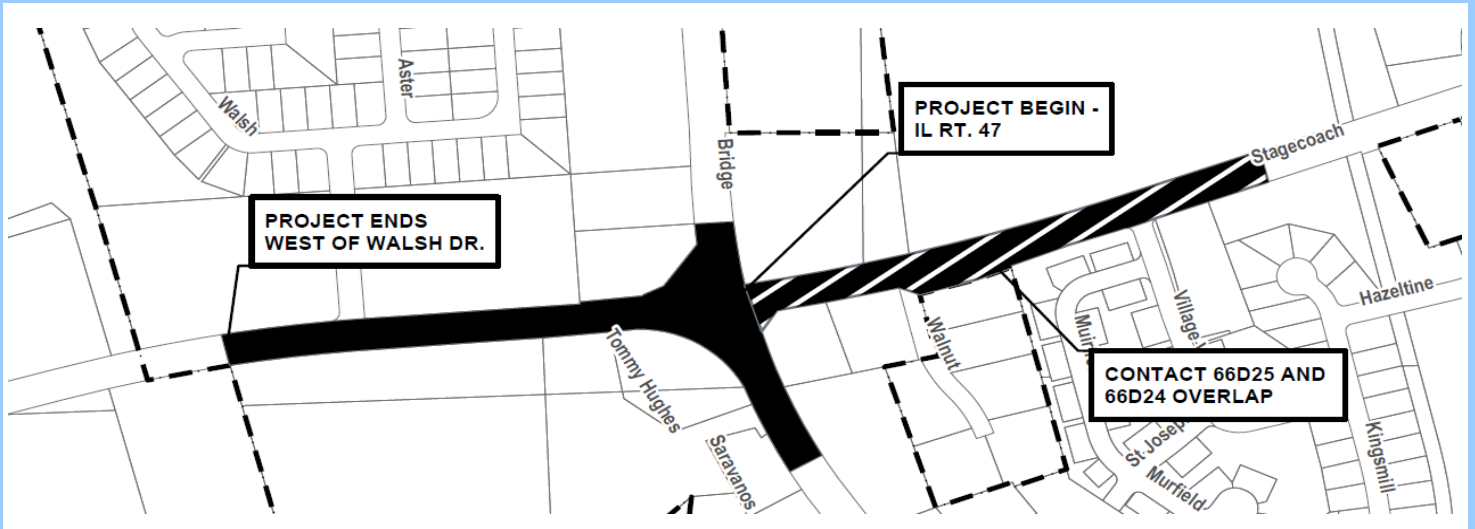
### Project status and completed work

Not programmed for construction by IDOT.

### Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW05**

## Project Description **Route 34 Improvements (Rt 47 to Orchard)**

### Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from IL 47 to Orchard Road.

Related to WM24 and WW 06.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X		98,413						98,413
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					98,413		-	-	-	-	98,413

Funding Source(s)											
	▼										-
	▼										-
	▼										-
	▼										-
<b>TOTAL FUNDING SOURCES</b>					-	-	-	-	-	-	-

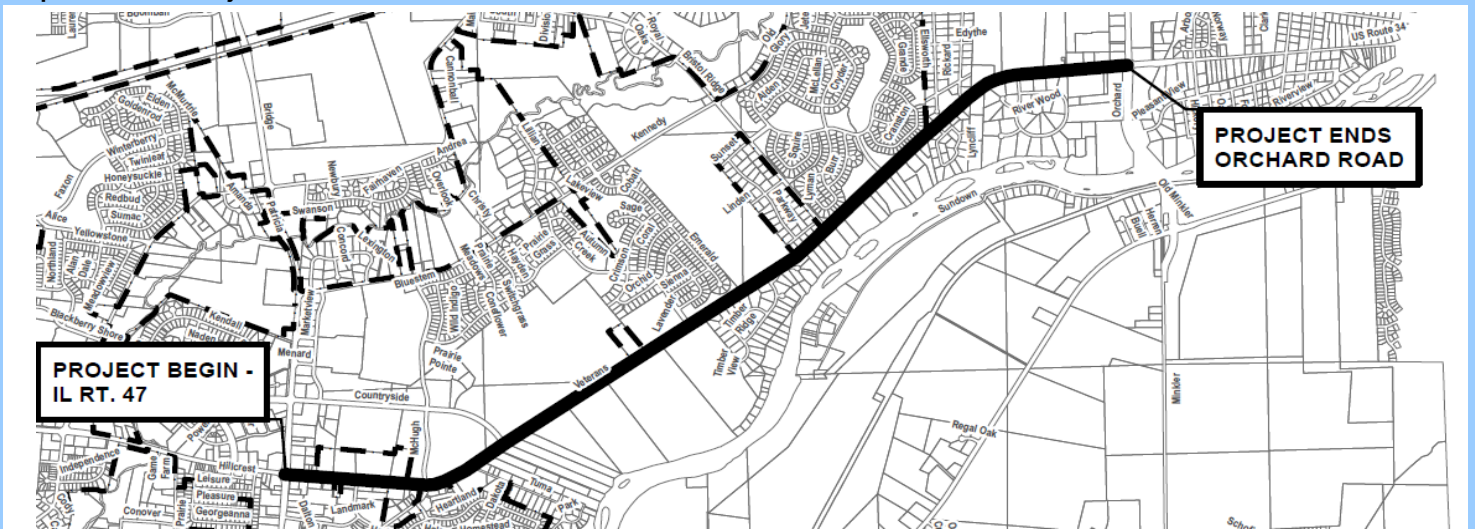
### Project status and completed work

Under Construction

### Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW06**

## Project Description **Route 34 Improvements (Center to Eldamain)**

### Project summary, justification and alignment to Strategic Plan

This project is the City's contribution towards the improvements that are planned by IDOT from Center to Eldamain.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure			X		110,226	110,226					220,452
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					110,226	110,226		-	-	-	220,452

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

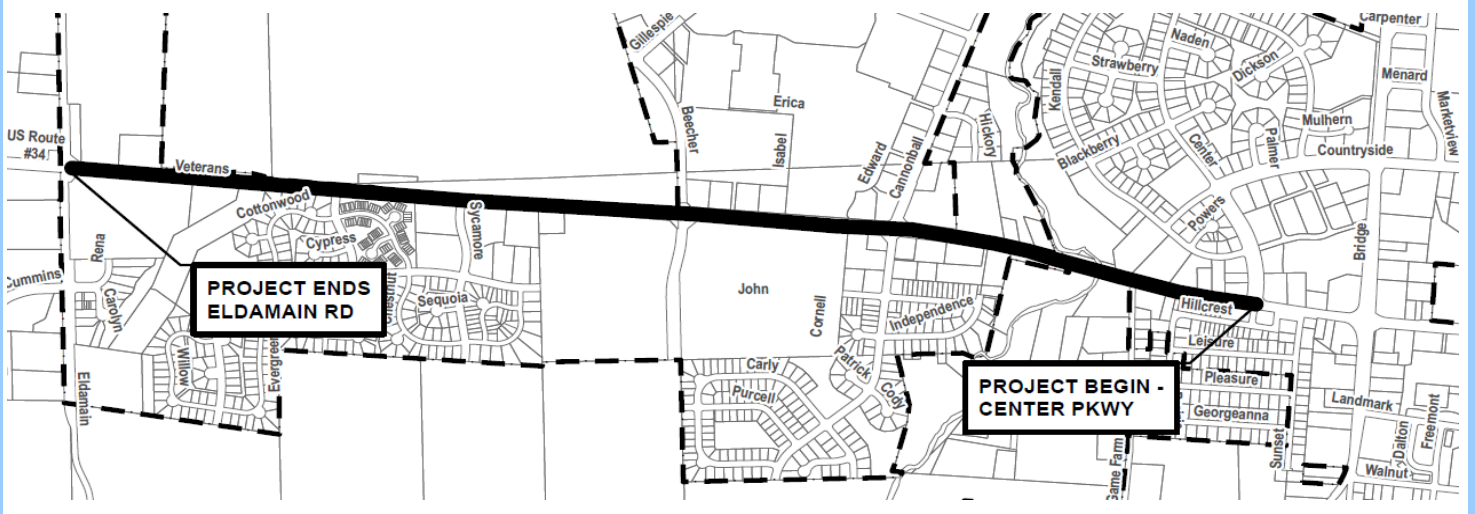
### Project status and completed work

Under Construction

### Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW07**

**Project Description** **Mill Road**

## Project summary, justification and alignment to Strategic Plan

This project is for the reconstruction of Mill Road from the Kennedy Road to east end.

The Grande Reserve developer is to contribute money towards the improvement.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X									-
Construction Engineering		X			400,000						400,000
Land Acquisition											-
Infrastructure		X			3,100,000						3,100,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					3,500,000	-	-	-	-	-	3,500,000

Funding Source(s)										
	▼									-
	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

## Project status and completed work

Under Design

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW08**

**Project Description** **Kennedy Road - West (Grande Reserve)**

## Project summary, justification and alignment to Strategic Plan

This project is for the reconstruction of Kennedy Road from Autumn Creek to Bristol Ridge Road.

The Grande Reserve developer is to contribute money towards the improvement.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								88,000	<b>88,000</b>
Construction Engineering		X								114,000	<b>114,000</b>
Land Acquisition											-
Infrastructure		X								880,000	<b>880,000</b>
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	1,082,000	<b>1,082,000</b>

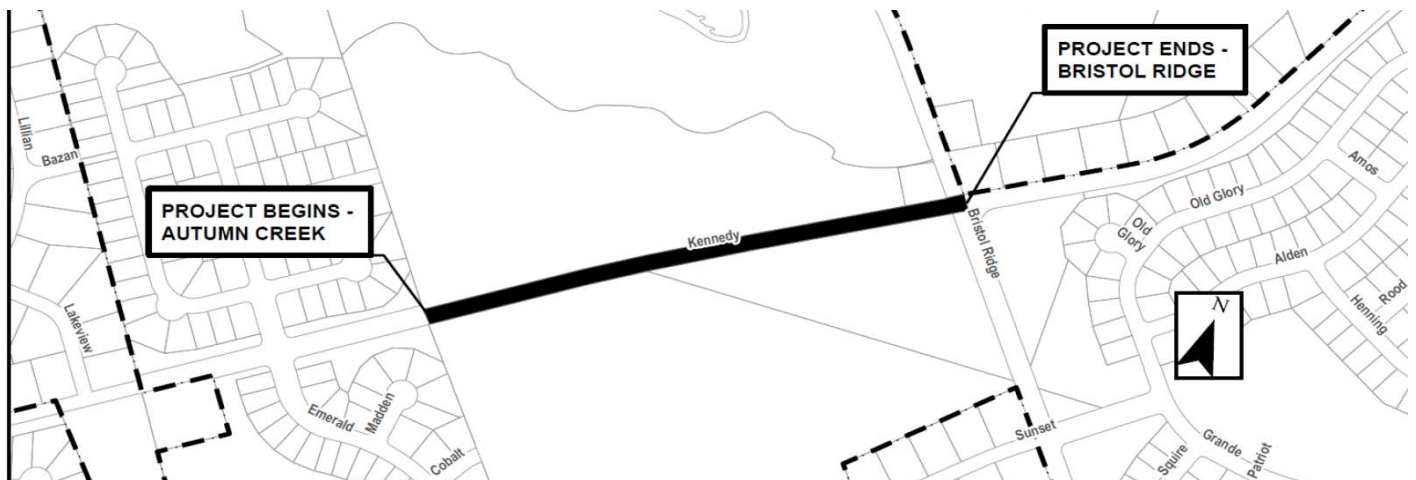
Funding Source(s)										
	▼									-
Other	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

## Project status and completed work

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW09**

**Project Description** **Kennedy Road - Central (Grande Reserve)**

## Project summary, justification and alignment to Strategic Plan

This project is for the reconstruction of Kennedy Road from Bristol Ridge Road to the BNSF RR.

The Grande Reserve developer is to contribute money towards the improvement.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								205,000	205,000
Construction Engineering		X								267,000	267,000
Land Acquisition											-
Infrastructure		X								2,050,000	2,050,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	2,522,000	2,522,000

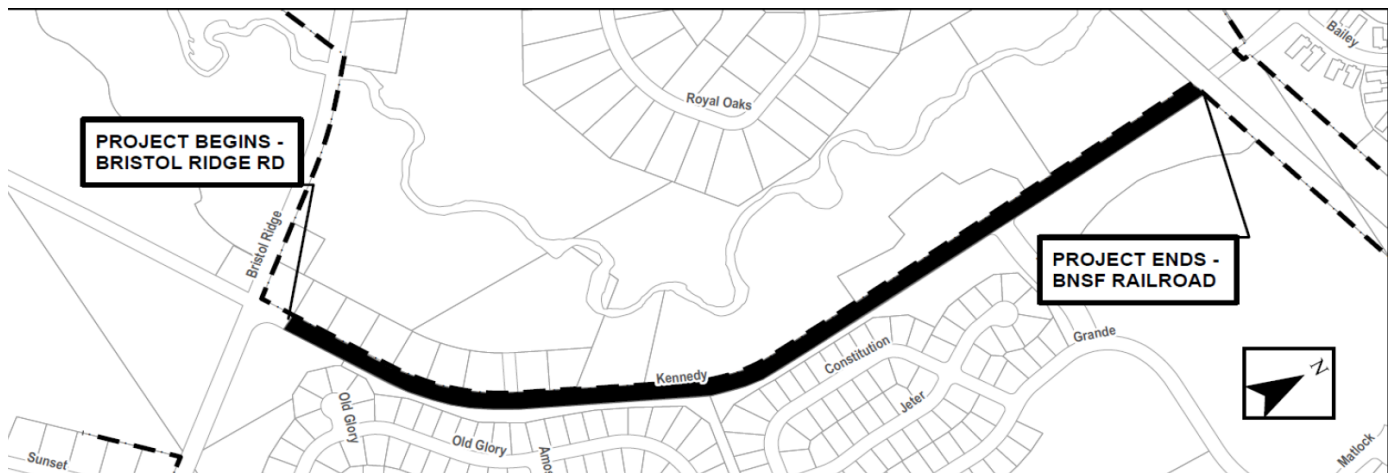
Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works



# 2020-2024 Capital Project Sheet

Project # **RW10**

**Project Description** **Kennedy Road - North (Grande Reserve)**

## Project summary, justification and alignment to Strategic Plan

This project is for the reconstruction of Kennedy Road from the BNSR RR to Galena Road.

The Grande Reserve developer is to contribute money towards the improvement.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X								85,000	85,000
Construction Engineering		X								111,000	111,000
Land Acquisition											-
Infrastructure		X								850,000	850,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	-	1,046,000	1,046,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW11**

## Project Description **Pavillion Road Bank Stabilization**

Project summary, justification and alignment to Strategic Plan

This project is for the streambank protection near Pavillion and Fox Road intersection.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering		X			12,500						12,500
Land Acquisition											-
Infrastructure		X			125,000						125,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					137,500	-	-	-	-	-	137,500

Funding Source(s)										
	▼									-
Other	▼									-
	▼									-
	▼									-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-	-	-

### Project status and completed work

### Grants (funded or applied for) related to the project.

Under Design

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: **Public Works**

# 2020-2024 Capital Project Sheet

Project # **RW12**

**Project Description**      **Route 47 (North Improvements)**

## Project summary, justification and alignment to Strategic Plan

This project is for the reconstruction of Rt 47 from Galena to Cross Street in Sugar Grove.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering		X									-
Construction Engineering		X									
Land Acquisition		X									-
Infrastructure		X							250,000		250,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					-	-	-	-	250,000	-	250,000

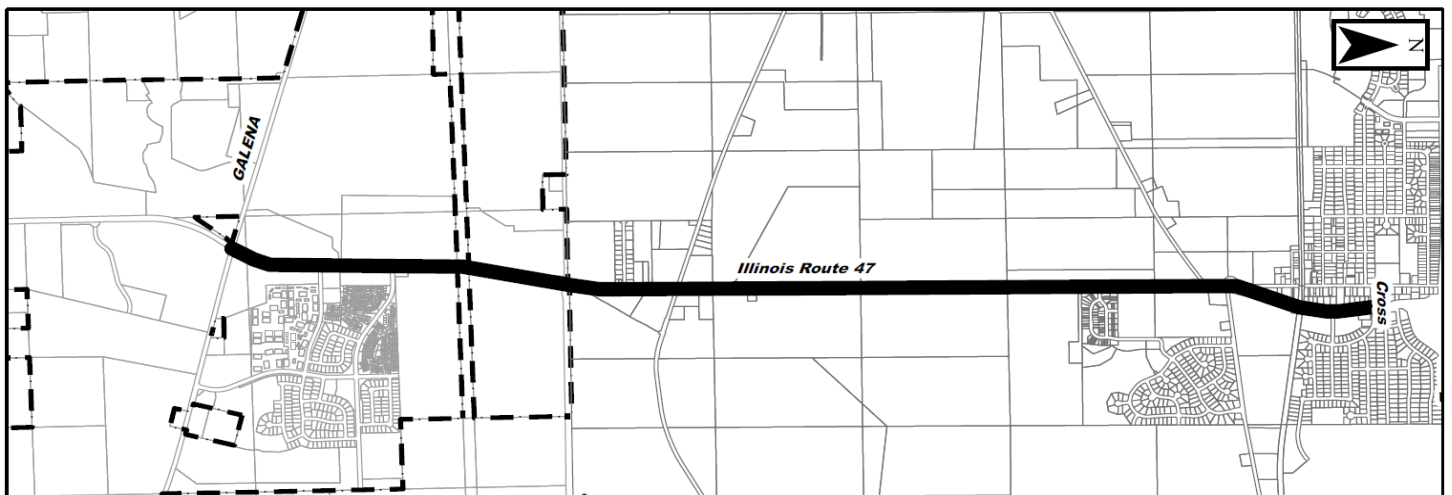
Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

## Project status and completed work

## Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

## Map/Pictures of Project



Department: Public Works

# 2020-2024 Capital Project Sheet

Project # **RW13**

## Project Description **Baseline Road Bridge Repair**

### Project summary, justification and alignment to Strategic Plan

This project is for the potential repair of the Baseline Road bridge. The bridge is targeted to be replaced by IDOT as part of the Rt 47 North improvements.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering											-
Construction Engineering											-
Land Acquisition											-
Infrastructure		X			25,000	25,000					50,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
<b>TOTAL COST</b>					25,000	25,000	-	-	-	-	50,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
	▼							-
Other	▼							-
	▼							-
	▼							-
<b>TOTAL FUNDING SOURCES</b>		-	-	-	-	-	-	-

### Project status and completed work

### Grants (funded or applied for) related to the project.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
<b>Project Costs</b>							-

### Map/Pictures of Project



Department: Public Works

2020-2024 Capital Project Sheet

Project # OTHER

Project Description Material Storage Building - Public Works

Project summary, justification and alignment to Strategic Plan  
Replace existing building at the public works facility.

Cost Summary	New	Maintenance	Replacement	Expansion	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
Design Engineering						20,000					20,000
Construction Engineering						20,000					
Land Acquisition											-
Infrastructure						310,000					310,000
Building											-
Machinery/Equipment											-
Other/Miscellaneous											-
TOTAL COST						350,000	-	-	-	-	350,000

Funding Source(s)		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	TOTAL
	▼	-	350,000	-	-	-	-	350,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	350,000	-	-	-	-	350,000

Impact on annual Operating Expenses

Grants (funded or applied for) related to the project.

Projects	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Yrs	TOTAL
							-
							-
							-
							-
							-
							-
							-
							-
							-
							-
							-
TOTAL	-	-	-	-	-	-	-

Priority Score

Project Manager:

Program:

Department:

Building Services



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

Agenda Item Number

New Business #11

Tracking Number

PW 2018-96

### Agenda Item Summary Memo

**Title:** Budget Amendment for Radio Purchases

**Meeting and Date:** Public Works Committee – October 16, 2018

**Synopsis:** See attached memo.

### Council Action Previously Taken:

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

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

**Type of Vote Required:** Super-Majority (6 out of 9)

**Council Action Requested:** Approval

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

### Agenda Item Notes:

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# Memorandum

To: City Council  
From: Bart Olson, City Administrator  
CC:  
Date: October 11, 2018  
Subject: Budget amendment for radio purchases

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## **Summary**

Review of an RFP for purchase of a radio system for Public Works and Parks operations.

## **Background**

The Public Works Department used to have a vehicle-based radio system several years ago. After the system went obsolete and radio frequencies were reallocated, the Public Works employees have used a variety of phone and internet based hand-held technologies. Currently, Public Works employees end up using their cell phones to relay information to and from plow routes during snowplow operations. This is highly ineffective, and our former purchasing manager set out to research radio system options. That research was transitioned to our new Purchasing Manager, Carri Parker, who has reviewed scope, vendors, and received some quotes from radio companies. A couple of the quotes have been under the \$25,000 threshold, and a few over the \$25,000 threshold.

Using the attached RFP, we propose to solicit bids from different companies for a gps-based radio system for use during Public Works and Parks operations. If the selected vendor's price is under \$25,000, staff can authorize the purchase administratively. If the selected vendor's price is over \$25,000, the purchase authorization will be brought to City Council for a vote. In either scenario, a budget amendment will be needed to cover the expenditure. The budget amendment materials were not available at time of packet creation.

## **Recommendation**

If the committee is ok with the radio purchase, staff will immediately publish the RFP, and will draft a budget amendment for approval at the October 23<sup>rd</sup> City Council meeting.



**REQUESTS FOR PROPOSALS FOR  
PORTABLE GPS-ENABLED RADIOS  
AND SOFTWARE MAINTENANCE**

**LEGAL NOTICE  
REQUEST FOR PROPOSAL**

**The United City of Yorkville is seeking proposals for the purchase of portable GPS-enabled radios that will include a software maintenance program.**

Sealed proposals will be received at the address listed below until \_\_\_\_\_, at \_\_\_\_\_ local time. Proposals will be publicly opened and read aloud at the above stated time and place. Proposals not physically received at the City by \_\_\_\_\_ local time on \_\_\_\_\_, will be returned, unopened to the firm. All proposals should be addressed to:

United City of Yorkville  
Re: (vendor name)  
Request for Proposal for Radio Purchase and Software Maintenance  
Attention: Carri Parker, Purchasing Manager  
800 Game Farm Road  
Yorkville, IL 60560

Proposal packets are available online at <https://www.yorkville.il.us>. The link can be found under the Business Tab-Proposals & RFPs. Additionally; packets may be picked up at the Yorkville City Hall, 800 Game Farm Road, Yorkville, IL 60560.

Questions regarding this request for proposal should be in writing and directed to Carri Parker, Purchasing Manager, at [cparker@yorkville.il.us](mailto:cparker@yorkville.il.us).

**SPECIFICATIONS MUST BE MET AT THE TIME THE PROPOSAL IS DUE.**

Emailed or faxed proposals will not be accepted.

The City Council reserves the right to accept or reject any and all proposals, to waive technicalities and to accept or reject any item of any proposal.

The person or firm submitting the proposal shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State, and City which may in any manner affect the proposal.

## SCOPE OF WORK SPECIFICATIONS

### SECTION 1 - INTRODUCTION

#### 1.1 Introduction to MOTOTRBO™

Improving workforce productivity and operational effectiveness requires superior communications quality, reliability, and functionality. MOTOTRBO is the first digital two-way radio system from Motorola specifically designed to meet the requirements of professional organizations that need a customizable, business critical, private communication solution using licensed spectrum. MOTOTRBO combines the best in two-way radio functionality with digital technology to deliver increased capacity and spectral efficiency, integrated data applications and enhanced voice communications.

MOTOTRBO is an integrated voice and data system solution comprising of mobile and portable radios, audio and energy accessories, repeaters, text messaging and location tracking applications, and a third-party application developers program.



*Figure 1-1 MOTOTRBO System*

This document will enable the reader to understand the features and capabilities of the MOTOTRBO System Topologies.

#### 1.2 MOTOTRBO Digital Radio Technology

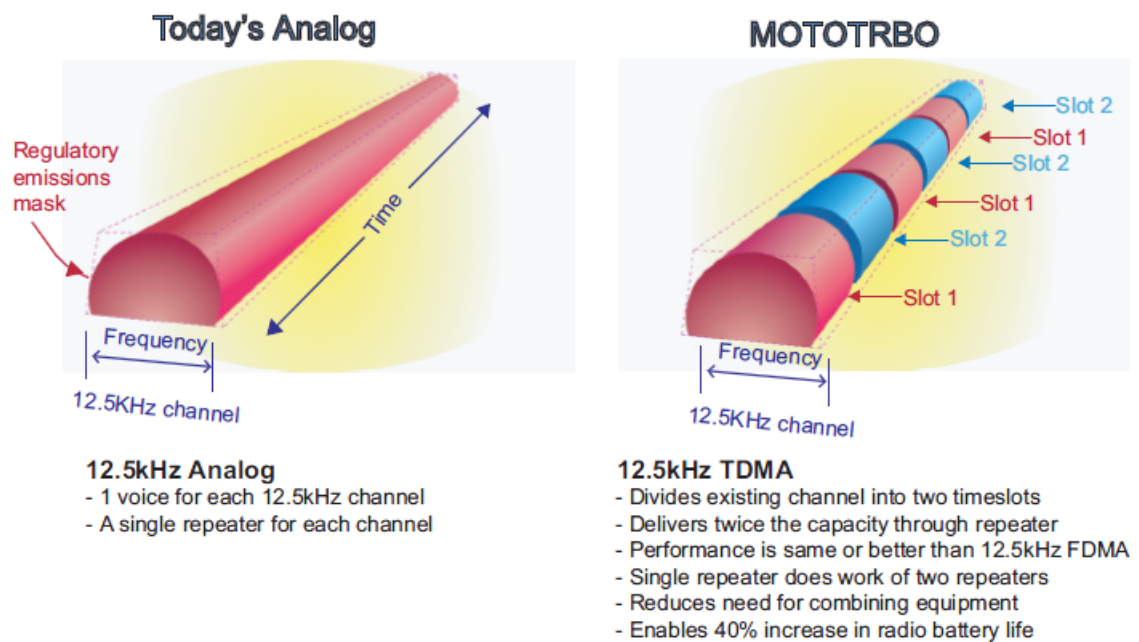
This section provides a brief overview of MOTOTRBO digital radio technology. It addresses four of the primary benefits delivered by the MOTOTRBO technology: spectral efficiency, less infrastructure, system flexibility, improved audio performance, and coverage.

##### 1.2.1 Spectrum Efficiency via Two-Slot TDMA

MOTOTRBO uses two-slot TDMA architecture. This architecture divides the channel into two alternating time slots, thereby creating two logical channels, and each user accesses a time slot as if it is an independent channel. A transmitting radio transmits information only during its selected slot and will be idle during the alternate slot. The

receiving radio observes the transmissions in either time slot and relies on the signaling information included in each time slot to determine which call it was meant to receive.

By comparison, analog radios operate on the concept of Frequency Division Multiple Access (FDMA). In FDMA, each transmitting radio transmits continuously on a designated channel, and the receiving radio receives the relevant transmission by tuning to the desired carrier frequency.



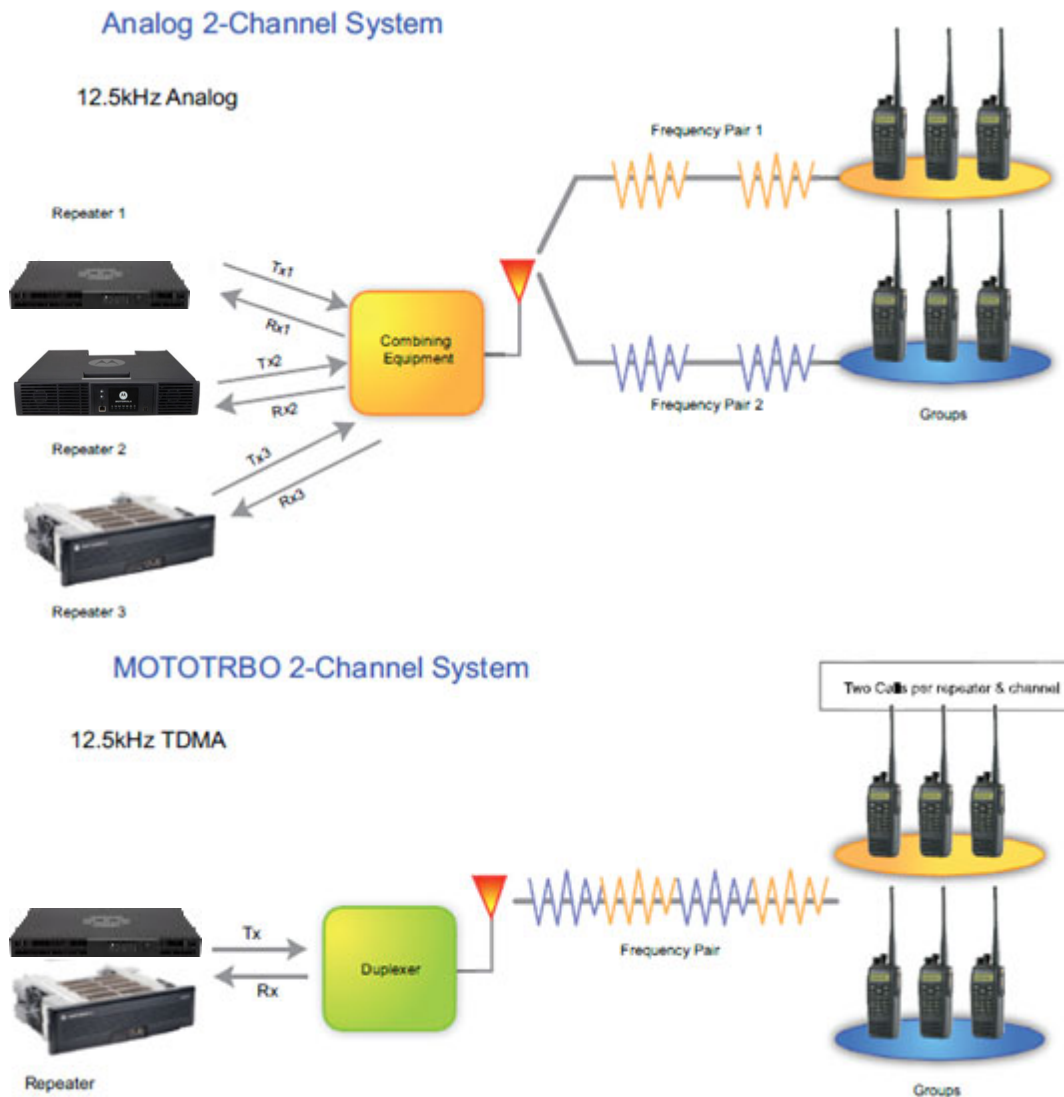
*Figure 1-2 Comparison between Analog and MOTOTRBO*

TDMA offers a straightforward method for achieving 6.25 kHz equivalency in 12.5 kHz repeater channels. This is a major benefit for users of increasingly crowded licensed bands. Instead of dividing channels into smaller slices of decreased bandwidth, which is what would be required to increase spectrum efficiency with FDMA. TDMA uses the full 12.5 kHz channel bandwidth but increases efficiency by dividing it into two alternating time slots. Additionally, this method preserves the well-known radio frequency (RF) performance characteristics of the 12.5 kHz signal. The actual transmitted power and radiated emissions of the 12.5 kHz signal of two-slot TDMA occupy the channel, propagates, and performs essentially in the same way as an analog 12.5 kHz signal. With the added advantages of digital technology, TDMA-based radios can work within a single repeater channel to provide roughly twice the traffic capacity, while offering RF coverage equivalent to, or better than analog systems.

### 1.2.2 Two-Slot TDMA Reduces Infrastructure Equipment

TDMA essentially doubles repeater capacity. This means that one MOTOTRBO repeater does the work of two analog repeaters (a MOTOTRBO repeater supports two calls simultaneously). This saves costs of repeater hardware, maintenance, and also saves on

the cost and complexity of RF combining equipment necessary in multi-channel configurations. Just as importantly, the two slot TDMA signal fits cleanly into a customer's existing, licensed channels; there is no need to obtain new licenses for the increase in repeater capacity and compared to alternative technologies that may operate on different bandwidths, there is no comparative increase in the risk of interference with or from adjacent channels.



*Figure 1-3 MOTOTRBO Requires Less Combining Equipment*

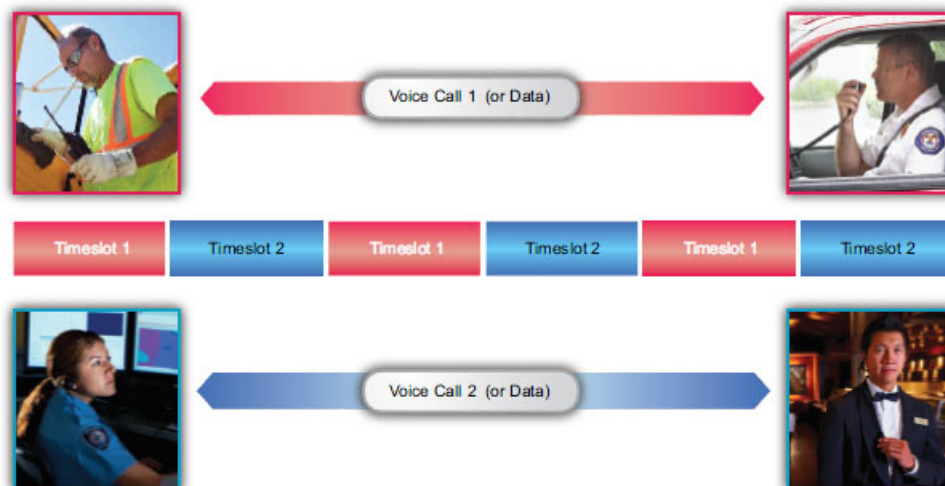
### 1.2.3 System Flexibility

The two-time slots or logical channels enabled by two-slot TDMA can potentially be used for a variety of purposes. Many organizations deploying MOTOTRBO systems can use these slots in many different ways:



- Use both slots as voice channels. This doubles the voice capacity per licensed repeater channel, thereby increasing the number of users the system can accommodate and increasing the amount of air time the users can consume.
- Use both slots as data channels. This allows organizations to fully deploy data transactions
- Use one slot as a voice channel, and the other as a data channel. This is a flexible solution that allows customers to equip their voice users with mobile data, messaging or location tracking capabilities.

In any of these scenarios, additional benefits are realized within the existing licensed repeater channel(s).



*Figure 1-4 Example of Two-Slot TDMA*

#### 1.2.4 Digital Audio Coverage, Quality & User Expectations

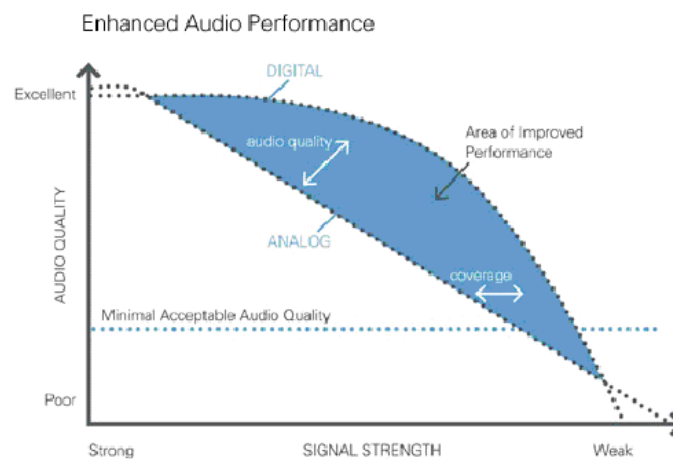
The main difference between analog and digital coverage is how the audio quality degrades throughout the coverage region. Analog audio degrades linearly throughout the region of coverage, while digital audio quality performs more consistently in the same region of coverage. A primary reason for the different degradation characteristics is the use of forwarding error correction coding used in digital transmissions, which can accurately deliver both audio and data content with virtually no loss over a far greater area.

It is the error protection that allows a MOTOTRBO system to provide consistent audio quality throughout its coverage area. A comparable analog system can never offer such consistency. In the MOTOTRBO system, the audio quality remains at a high level, because the error protection minimizes the noise effect.

The figure below graphically illustrates the relationship of delivered system audio quality, while comparing good to poor audio quality with strong to weak signal strength.

Do note that

- In very strong signal areas the analog signal, because there is no processing, may sound slightly better than the digital audio signal.
- Digital signals increase the effective coverage area above the minimally acceptable audio quality level.
- Digital signals improve the quality and consistency of the audio throughout the effective coverage area.
- Digital signals do not necessarily increase the total distance that an RF signal propagates.



*Figure 1-5 Comparison of Audio Quality versus Signal Strength for Analog & Digital*

There are a number of differences between how digital audio behaves compared to analog audio from the end user (listener's) perspective. Motorola has found that setting proper end-user expectations in this regard is an important aspect of system planning. Below are what end users will experience with digital audio.

- Consistent performance throughout coverage area with no gradual fade at the fringes: While analog signals slowly degrade as the receiver moves away from the transmitter, digital signals perform more consistently throughout the coverage area. However, digital signals can shift more abruptly from "good" to "no signal," when crossing the fringe of the coverage area. This means users cannot rely on degrading audio quality to warn them that they are approaching the fringe of coverage. On the other hand, just prior to the fringe of the coverage area, digital audio is still crisp and clean whereas analog audio has excessive noise and static.
- Digital Sounds Different: The vocoding process is designed to deliver optimum audio quality with a very small number of bits. Some listeners find the resulting tonal qualities of digital speech somewhat different from what they have

experienced with analog speech. Because the vocoding process is highly specialized for reproducing human speech, other sounds like music and tones are not reproduced accurately. Additionally, digital audio can introduce end-to-end audio delays. When overwhelming errors or dropouts are encountered, digital radios can generate some unique-sounding audio “artifacts.”

- Background Noise Reduction: The advanced vocoding capabilities in MOTOTRBO also include background noise reduction. Regardless of what is happening in the environment of the transmitting radio, the only voice is reconstructed at the receiving radio. Background noise like machine noise, wind noise, and traffic noise, is not reconstructed, and thus not heard. This is a key advantage of the MOTOTRBO digital voice solution over typical analog solutions because noisy environments like factories, stores, work sites, and windy locations do NOT significantly degrade communications intelligibility.

## 1.2.5 General Requirements

- 1.2.5.1 The system and/or user equipment shall support digital transmissions on a 12.5 kHz TDMA X2 channel (6.25 equivalent). It is preferred that TDMA technology is implemented on the digital system. The system and/or user equipment shall also support analog transmissions on 12.5 kHz or 25 kHz channels.
- 1.2.5.2 It is preferred that the repeater/base station equipment is able to manage two independent time slots on a single 12.5kHz frequency using TDMA technology transmissions.
- 1.2.5.3 The system shall support single-site configurations and a modular design to allow for multi-site configurations which will allow for roaming with configurable parameters for optimizing roaming performance in the future
- 1.2.5.4 The system shall support data traffic on available timeslots in the pool of resources.
- 1.2.5.5 The system shall be capable of supporting data communications that include GPS location services, text messaging, and a data interface for other customer specific and supplied applications including system performance management, VoIP dispatch, AVL, work-order management, and email connectivity.
- 1.2.5.6 The manufacturer shall provide details on the ease of expansion of their system. This will include how to expand the number of radios, sites, and channels in their solution.
- 1.2.5.7 Voice shall take priority over data transmissions on radios transmitting both voice and data information.

## **Section 2 - MOTOTRBO™ Digital Features**

### **2.1 Group Calls**

The digital group is a way of enabling groups to share a talk group without distracting and disrupting one another. Because two-way radios are well suited for “one-to-many” types of calls, the Group Call is the most common call in a MOTOTRBO system. Individual radios that need to communicate with one another are grouped together and configured to be members of a group. A transmitting radio can be heard by all the radios within the same group and on the same logical channel (frequency & time slot). Two radios cannot hear each other if they are on the same logical channel (frequency & time slot) but on different groups. Two radios on different logical channels cannot hear each other, even if they are placed in the same group.

In MOTOTRBO systems, capabilities for Group Calls are configured with the portable and mobile radio CPS (Customer Programming Software). The repeater does not require any specific configuration for groups. The radios can be configured to enable the user to select among multiple groups using the radio channel selector knob, buttons or using the radio menu contact list.

### **2.2 Private Calls**

MOTOTRBO provides the capability for a user to place a Private Call directly to another radio, even if they are not in the same group. However, for this action to take place, both radios need to be on the same channel and time slot. This feature allows a radio user to carry a one-to-one conversation that is only heard by the two parties involved. Private calls can be configured as *confirmed* or *unconfirmed* on a per channel basis. For confirmed Private Calls, the calling radio transmits a short control signal message to the target radio. The signaling verifies the presence of the target radio before being allowed to start the call. The receiving user does not need to manually “answer” this signal, but rather the receiving radio automatically responds to the setup request. Once the receiving radio replies to the setup request, the initiating radio sounds a Talk Permit tone and starts the call. The receiving radio sounds a Private Call indication to the user, prior to relaying the received voice. Once a Private Call is set up, subsequent transmissions do not require the call setup messaging.

### **2.3 All Call**

All Call is a one-way voice call between a privileged operator and all users on a logical channel. The transmitting radio utilizes a special All Call group that every radio on the same system and logical channel (regardless of group) will receive. An All Call is a one-way transmission and users cannot talk back to an All Call. If a user transmits after receiving an All Call, the user transmits using his currently selected group. The ability to initiate an All Call is only programmed into radios that are used in supervisory roles. All other radios monitor All Call transmissions by default.

## 2.4 DTMF Hot Keypad

When this feature is enabled, the numeric keypad allows live dialing during dispatch operation. During a voice call, the user can transmit the following characters using a MOTOTRBO radio with keypad: 0 1 2 3 4 5 6 7 8 9 \* #. These characters are encoded as dual tone multi-frequency (DTMF). These DTMF tones enable the user to communicate with a device connected to a control station using the numeric keypad.

## 2.5 Transmit Interrupt

The Transmit Interrupt feature is a suite of features proprietary to Motorola. This feature generally allows a radio to shut down an ongoing clear, Basic Privacy, or Enhanced Privacy interruptible voice transmission, and potentially initiate a new transmission. Transmit Interrupt is independent of call type. Therefore it applies to Group Calls, Private Calls, Emergency Calls and All Calls. This feature also applies to Private Calls that are initiated via remote monitor command, and Group Calls that are initiated via the emergency remote monitor.

To support different use cases, Transmit Interrupt has four unique variations:

- **Voice Interrupt:** This feature allows a radio that is unmated to an interruptible voice call to stop the ongoing voice transmission and initiate its own voice transmission to the same call membership. Voice Interrupt is typically used during a prolonged voice transmission when “late-breaking” or urgent information becomes available, and it is necessary to disseminate the information to the groups as quickly as possible.
- **Emergency Voice Interrupt:** This feature allows a radio to stop any ongoing interruptible voice transmission and initiate its own emergency transmission. Emergency Voice Interrupt gives a radio improved access to the radio channel, in an emergency condition.
- **Remote Voice Dekey:** This feature allows a radio to stop an ongoing interruptible voice transmission. It is typically used by a supervisor to remotely de-key a radio that is inadvertently transmitting (for example, the PTT is inadvertently pressed for an extended period of time) and occupying the radio channel.
- **Data Over Voice Interrupt:** This feature allows a third-party data application on an option board or attached PC to control the radio in order to stop any ongoing interruptible voice transmission and initiate its own data message transmission. The application can also specify in the data message, an option to discard itself if an ongoing voice transmission is not interruptible. This feature is useful in situations where data traffic is more important than voice traffic. Data Over Voice Interrupt is not used by any data application native to the radio (for example, Text Message, Location, and Telemetry do not use Data Over Voice Interrupt).

## 2.6 Digital Signaling Features

Within a given time slot, the digital call is organized into voice information and signaling information. Included in the signaling information is an identifier used to describe the type of call that is transmitted within the time slot (for example, Group Call, All Call, or Private Call). Signaling information also includes identification information and/or control information, which is used to notify listeners on a voice call of system events and status (for example, the ID of the transmitting radio and the Group ID). Because this information is repeated periodically during the course of the call, this embedded signaling allows users to join a voice transmission that is already in progress and still participate in the call. This is referred to as Late Entry and is an advantage over analog signaling schemes.

## 2.7 PTT ID and Aliasing

This feature allows the target radio to identify the originator of a call. If programmed with the radio CPS (Customer Programming Software), a user-friendly alphanumeric name or “alias” can also be displayed. These user-friendly aliases are also used when initiating voice calls and digital signaling features. The alias information in the transmitting radio should correspond with the alias information in the receiving radio. The transmitting radio ID is sent over-the-air and, if there is an alias for that ID in the receiving radio, the receiving radio displays the alias. If no alias is configured at the receiving radio for that ID, then only the transmitting radio’s ID is shown.

## 2.8 Radio Enable/Disable

There are two ways to enable/disable a radio:

- By another radio, typically in a supervisory role, that sends Inhibit/Uninhibit command using over-the-air signaling, or
- By a third-party application connected to the repeater or radio system, that sends Inhibit/Uninhibit command using the Application Developer Program (ADP) application.

## 2.9 Remote Monitor

The Remote Monitor feature allows a remote user to activate a target radio’s microphone and a transmitter for a period of time. A call is silently set up on the target radio, and its PTT is controlled remotely without any indications given to the end user. The duration that the target radio transmits after receiving a Remote Monitor command is set in the target radio through the CPS. When receiving the Remote Monitor command, the target radio initiates a Private Call back to the originator of the Remote Monitor command.

This feature is used to ascertain the situation of a target radio which is powered-on but is unresponsive. This is beneficial in a number of situations including:



- Theft,
- Incapacity of the radio user, or
- Allowing the initiator of an Emergency Call to communicate hands-free in an emergency situation.

The Remote Monitor feature may be activated on a disabled radio. Remote Monitor could also be programmed to be activated on the radio that is in emergency mode only.

## 2.10 Radio Check

The Radio Check feature checks if a radio is active in a system without notifying the user of the target radio. Besides the Busy LED, there is no other audible or visual indication on the checked radio. The receiving radio automatically and silently responds with an acknowledgment to the initiating radio.

This feature is used to discretely determine if a target radio is available. For example, if a radio user is non-responsive, Radio Check could be used to determine if the target radio is switched on and monitoring the channel. If the target radio responds with an acknowledgment, the initiator could then take additional action such as using the Remote Monitor command to activate the target radio's PTT.

## 2.11 Call Alert

The Call Alert feature allows a radio user to essentially page another user. When a radio receives a Call Alert, a persistent audible and visual alert is presented to the user. The initiator of the Call Alert is also displayed. If a user is away from his radio at the time of the reception, the alert remains until the user clears the Call Alert screen. If the user presses the PTT while the Call Alert screen is active, he starts a Private Call to the originator of the Call Alert.

## 2.12 Remote Voice Dekey

The Remote Voice Dekey feature allows a radio user to stop any interruptible voice transmission, except for All Calls. This ability to remotely stop an interruptible voice transmission is provisioned into the radio via the CPS and accessed via a programmable button.

## 2.13 Digital Emergency

MOTOTRBO offers a variety of emergency handling strategies that will fit the customer's organizational needs. In its basic form, MOTOTRBO provides the ability for a radio user in distress to send a confirmed emergency alarm message and emergency voice to a user on a supervisory radio. The emergency alarm message contains the individual radio ID of the initiator. Upon reception of an emergency alarm, the supervisor receives audible and visual indications of the emergency, and the initiating radio ID is displayed. Depending on configuration, emergency voice may follow between the

initiator and the supervisor. Once the supervisor handles the emergency situation (i.e., solves the problem), he clears the emergency on the supervisor radio. Once the initiator clears his emergency on the initiator radio, the emergency is considered over.

When a user presses the Emergency button, the radio gives audible and visual indications to show that it has entered emergency mode. There is a configurable option available, referred to as Silent Emergency, which suppresses all indications of the emergency status on the user's radio. This feature is valuable in situations where an indication of an emergency state is not desirable. Once the user breaks radio silence by pressing the PTT and speaking, the Silent Emergency ends, the audible and visual indications return.

There are three major methods to process the emergency alarm and the Emergency Call; Emergency Alarm Only, Emergency Alarm and Call, and Emergency Alarm with Voice to Follow.

#### 2.13.1 Emergency Alarm Only

Emergency Alarm Only – the emergency process only consists of the emergency alarm part. The number of emergency alarm attempts is configurable and can even be set to retry indefinitely. The alarm is initially sent regardless of channel activity, and the Emergency ends when:

- An acknowledgment is received
- All retries are exhausted,
- The user manually clears the emergency, or
- The user pushes the PTT.

No voice call is associated with the emergency when operating as Emergency Alarm Only. Pressing the PTT clears the emergency, and a standard voice call is processed.

#### 2.13.2 Emergency Alarm and Call

Emergency Alarm and Call – consists of the emergency alarm process followed by the ability to perform an Emergency Call. The number of emergency alarm attempts can even be set to retry indefinitely. The alarm is initially sent regardless of channel activity. Emergency alarm stops when:

- An acknowledgment is received, or
- All retries are exhausted.

The radio still remains in an emergency state. Any follow up PTT initiates an Emergency Call, and the call includes an embedded emergency indication. If the user presses the PTT before the radio sends an emergency alarm, the radio stops sending the alarm and starts the Emergency Call. While in the emergency mode, all subsequent voice transmissions are Emergency Calls. The user remains in emergency mode until he manually clears the

emergency. The only way to reinitiate the emergency alarm process is to reinitiate the emergency.

### 2.13.3 Emergency Alarm with Voice to Follow

Emergency Alarm with Voice to Follow – consists of sending a single emergency alarm and followed by automatic transmission of an Emergency Call. This is referred to as *hot microphone*. The radio only sends one emergency alarm regardless if there is channel activity, and then without waiting for an acknowledgment, the radio immediately activates the microphone and initiates an Emergency Call without the need of the user pressing the PTT. The duration of the hot microphone state is configurable. This transmission is considered an Emergency Call and therefore includes the embedded emergency indication. Once this hot microphone duration expires, the radio stops transmitting but remains in the emergency mode. Any follow up PTT initiates an Emergency Call and includes the embedded emergency indication. The user remains in the emergency mode until he manually clears his emergency. The only way to reinitiate the emergency alarm and the hot microphone is to re-initiate the emergency.

### 2.14 Emergency Voice Interrupt for Emergency Alarm

The Emergency Voice Interrupt feature is used during the initiation of an emergency condition when an interruptible voice transmission is already taking place on the channel.

When an emergency is initiated with Emergency Voice Interrupt enabled, the radio attempts to interrupt an ongoing, interruptible voice transmission on the channel. The radio then uses the established procedures for either Emergency Alarm or Emergency Alarm with Call, depending on the configuration. The Emergency Voice Interrupt for Emergency Alarm feature is not required to be a member of the voice call being interrupted.

### 2.15 Emergency Voice Interrupt for Emergency Voice

The Emergency Voice Interrupt feature when enabled in radio, is used during the initiation of an emergency voice transmission, primarily when an interruptible voice transmission takes place on the channel, and the radio does not belong to that voice transmission.

The radio attempts to interrupt the voice transmission, and then uses the established procedures for Emergency Voice Transmissions, when all of the following conditions are met:

- Emergency Voice Interrupt is enabled.
- The radio is in an emergency condition (for example, the designated Emergency button was pressed previously).
- Another radio's interruptible voice transmission is taking place on the channel.

- The radio in the emergency condition does not belong to the other radio's voice transmission (i.e., the radio in the emergency condition is not receiving the other radio's voice transmission).
- The radio user in the emergency condition requests an Emergency Voice Transmission.

The Emergency Voice Interrupt for Emergency Voice feature is also capable of interrupting an All Call provided the All Call is transmitting interruptible voice.

## 2.16 Emergency Search Tone

This Emergency Search Tone is available in direct mode (12.5e or 6.25e), Conventional Single Site IPSC, Capacity Plus, and Linked Capacity Plus.

If enabled, when the radio initiates an emergency, it will play out a loud attention-grabbing tone (Emergency Search Tone), to help people around to locate and identify the emergency initiator. This Emergency Search Tone is for the emergency initiating radio only, and not for the emergency receiving radios. This tone starts when the emergency starts and ends when the radio exits the emergency. The tone will be temporarily suspended, when the radio is transmitting or receiving voice/data/CSBK calls.

## 2.17 Restricted Access To System (RAS) & Radio ID Range Check

The Restricted Access to System (RAS) feature prevents unauthorized subscriber users from using the repeaters in the system to transmit to their targeted user or user groups. Additionally, RAS provides limited protection to prevent unauthorized subscribers from listening to any voice/data/CSBK transmission repeated from the RAS enabled repeaters. The unauthorized subscriber device could be a Motorola subscriber or a DMR-compatible subscriber from other vendors. However, RAS is not a privacy feature and if voice privacy is a concern, Basic Privacy, or Enhanced Privacy should be utilized.

This feature supports all existing ADP interfaces and is supported in all MOTOTRBO system configurations – Conventional Single Site, IP Site Connect, Capacity Plus, Linked Capacity Plus, Connect Plus, and Capacity Max.

This feature provides two methods to prevent a subscriber from accessing the system: RAS Key Authentication and Radio ID Range Check. These two methods are independent of each other may be enabled/disabled separately or together. When used together, they provide a robust and flexible way to control the subscribers' access to the system.

- Restricted Access to System (RAS) Key Authentication – In this method, the subscribers and repeaters are configured with a secret RAS key. When a subscriber transmits, the subscriber uses its configured RAS key to encode the bursts. When a repeater receives the bursts, the repeater also uses its configured RAS key to decode the bursts. If the RAS keys in the subscriber and repeater are the same, the repeater decodes and repeats the bursts successfully. However, if the subscriber does not have a RAS key or its RAS key does not match the one

configured in the repeater, the decoding process in the repeater fails, and the transmission is blocked at the repeater. Therefore, the bursts from the unauthorized subscriber are not repeated and cannot reach the targeted user or user group. This method is secure and difficult to break or circumvent because the RAS ID length ranges from 6 to 24 characters. The algorithm is very robust.

- **Radio ID Range Check** – In this method, up to 64 radio ID ranges can be provisioned in the repeaters. Each of these radio ID ranges may be configured as allowed or left as un-configured. If the radio ID is within any of the allowed radio ID ranges when the repeater receives a transmission from a subscriber, the repeater repeats it normally. However, if the subscriber's radio ID is not within any of the allowed radio ID ranges, the repeater blocks the transmission. Hence, the transmission from unauthorized subscribers are not repeated and cannot reach the targeted user or user group.

## **Section 3 – MOTOTRBO™ CAPACITY PLUS**

### **3.1 Capacity Plus – Single-Site Trunk Solution**

Capacity Plus is a Single-Site trunk solution that trunks the logical channels of multiple MOTOTRBO™ repeaters operating in digital mode at the same location. This allows the radios to share the logical channels, resulting in less waiting time to access the system and increased channel capacity for a given quality of service. Due to dynamic trunking, there is no need for exclusive frequencies as control channels. There are no controllers required for Capacity Plus. It operates using dynamic trunking (rest slot), whereby idle radios sit on a rest slot until the Push-To-Talk (PTT) is pressed. Once the PTT is pressed, a private or talk group call takes place on the rest slot. All radios not involved in the call move to the next available rest slot. This continues throughout all the repeaters in a Capacity Plus system.

Capacity Plus supports a maximum of 8 voice trunked repeaters (16 logical channels) at a site plus 12 data revert repeaters for (22 logical channels). A Capacity Plus system is a single site trunk solution and therefore supports local calls only. The number of repeaters at a site is a function of the expected volume of local calls.

All repeaters in a Capacity Plus system must be on the same LAN, in other words, they must be plugged into the same network switch. It is strongly recommended that no other device be present on the LAN. The Master repeater must be configured with a unique static IP address.

In Capacity Plus, a channel is configured either for trunking or for data revert. A radio has a list of all Trunked Channels and a list of Data Revert Channels. While configuring channels, observe the following rules:

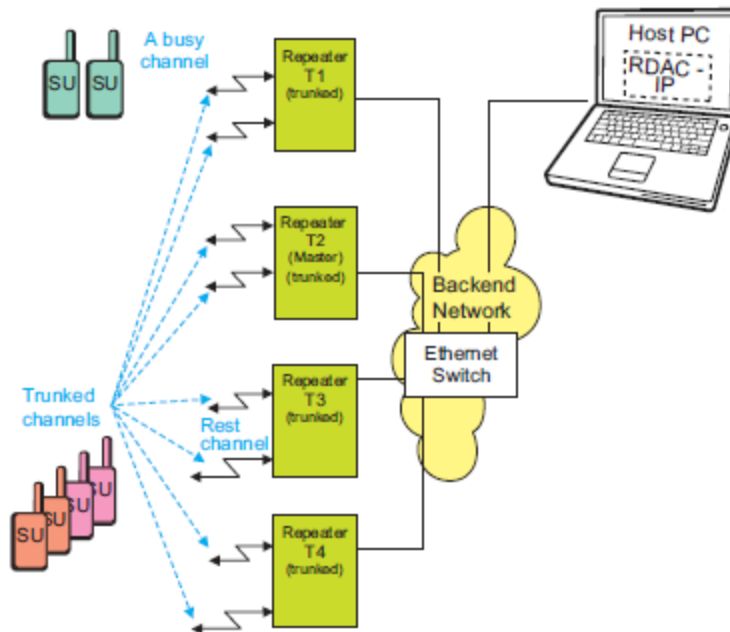
- Both channels of a repeater should be used for the same purpose. This implies that if one logical channel of a repeater is a trunked channel, then the other channel is also a trunked channel. Similarly, if one channel of a repeater is a data revert channel, then the other channel is also a data revert channel.
- The Customer Programming Software (CPS) provides a zone for keeping all the trunked and data revert channels. The zone is called the “Channel Pool.” All the trunked and data revert channels should be kept in the “Channel Pool.”

#### **3.1.1 Topologies of a Capacity Plus System**

##### **3.1.1.1 A Capacity Plus System with No Data Application Servers**

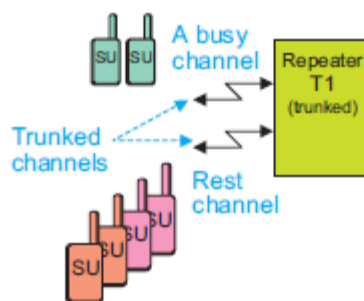
The most basic of the Capacity Plus topologies is one without any data revert repeaters in the system. One of the repeaters has an additional role of “Master,” a broker for discovering repeaters. The Master has a static address (IPv4 address and UDP port number), which is configured in all the repeaters and RDAC. A static address is an address that does not change with time.





***Figure 3-1 Capacity Plus with Local RDAC and no Data Application Servers.***

The above figure includes 4 repeaters for a total of 8 logical channels plus RDAC (Repeater Diagnostics and Controls). A minimal configuration of the above figure can have just one repeater without RDAC. In this case, the system behaves as a two-channel trunked system.

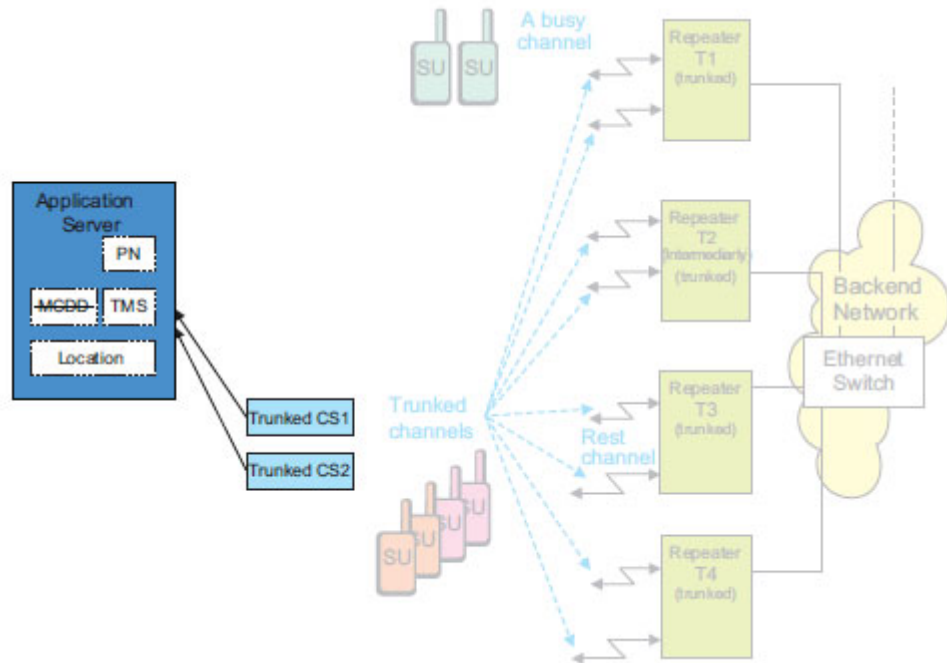


***Figure 3-2 Two-channel Capacity Plus System without Data Application Servers.***

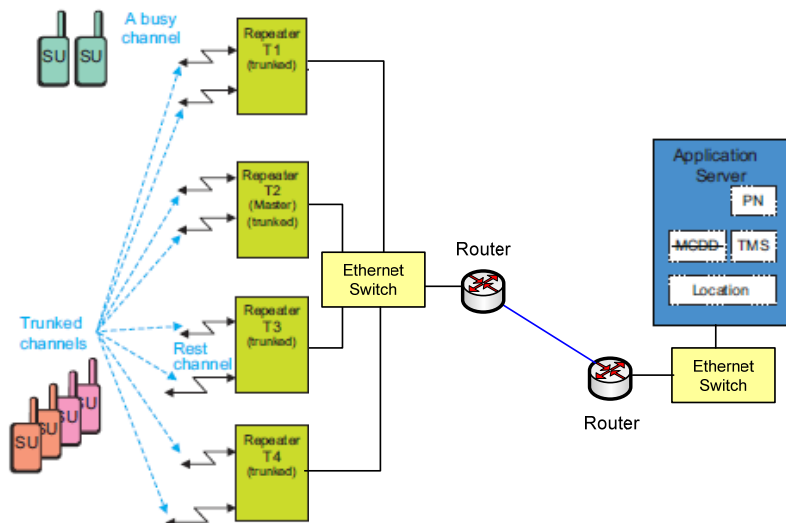
### 3.1.1.2 Cap Plus System w/ Data Application Server on Trunk Channels

It is possible to send data messages to a Data Server over the Trunked Channels. This is recommended for a system that requires sending data messages to the Server. There are two ways of configuring the system.

- a. You can use wireless interface (Control Stations) to send/receive the data from the server (Figure 3-3 below).
- b. You can use MNIS (Motorola Network Interface Services) Electronic ID's for the repeaters to have wire-line integration with the data application server (Figure 3-4 below).



**Figure 3-3 Capacity Plus with Data Application Using Control Stations**



**Figure 3-4 Capacity Plus with Data Application & MNIS Wire-line Interface to Repeaters**

These are just a few of the ways that a Capacity Plus System can support both voice and data over a Capacity Plus Trunk System. If more details are required, please refer to the System Planner, and for more information on wire-line data applications, please refer to the MOTOTRBO Network Interface Services (MNIS) section of the System Planner.

## **SECTION 4 – COMPONENTS:**

### **4.1. MOTOTRBO™ Repeaters**

- **The MOTOTRBO SLR 5700 Series Repeater (1 base needed)**

The SLR 5700 Series repeater delivers high performance, high-reliability two-way radio service with all the features you require. With its sleek form factor and low power consumption, it's engineered for the low cost of ownership. The SLR 5000 repeater takes a huge leap forward in technology; it represents the next generation in repeaters.



Versatile and powerful, MOTOTRBO combines the best of two-way radio functionality with the latest in digital technology. It integrates voice and data seamlessly, offers advanced features that are easy to use and delivers increased capacity to meet your communication needs from the field to the factory floor.

The SLR 5000 Series repeater can be utilized in conventional systems, or in trunking systems like Capacity Plus, Linked Capacity Plus or Connect Plus. It can operate as an analog repeater, or as a mixed mode analog/digital repeater while you transition away from legacy analog systems.

The SLR 5000 Series is designed to offer round-the-clock, reliable operation, even at its continuous full transmit power of 50W. The high-quality design has been validated through Motorola's Accelerated Life Testing (ALT) program and meets stringent quality criteria to deliver reliable coverage throughout your service area. The product has a next generation receiver design, with high sensitivity, improved noise blocking and digital error correction that provides clear voice quality even in the most adverse conditions.

The SLR 5000 Series support the full MOTOTRBO feature set and is compatible with all the MOTOTRBO system architectures: single site conventional, IP Site Connect, Capacity Plus, Linked Capacity Plus and Connect Plus. The IP interface allows you to build applications and consoles directly into your system.

Using the latest RF technology, the SLR 5000 Series repeater provides exceptionally high-power efficiency and with its 1 rack unit of space provides a low thermal footprint. It has simple servicing requirements with field replaceable Power Amplifier, Power Supply, and modem modules. A front-panel USB port allows easy configuration, with optional support for remote management. It also has built-in features such as a 3A battery charger, external alarm ports and an auxiliary power output to ease site installation.

This repeater is designed for the future with 10 times more processing power, 15 times more memory, and 125 times more data storage compared to the first generation of repeaters. The architecture has provisions for expansion modules, should more functionality be required in the future.

- **Specifications for the SLR 5000 Repeater**

### **General Specifications:**

	<b>VHF</b>	<b>UHF</b>
Frequency Range:	136-174 MHz	400-470
Channel Capacity:	64	
RF Output Power:	1-50 W	
Dimension (HxWxD):	1.75" x 19" x 14.6"	
Weight:	19 lbs.	
Input Voltage (AC):	100 – 240 VAC 47-63 Hz	
Current (standby) 110/240 V	0.18 / 0.25 A	
Current (transmit) 110/240 V	1.5 / 0.9 A	
Input Voltage (DC):	11.0 – 14.4 VDC	
Current (standby)	0.7 A	
Current (transmit)	9.5 A	
Operating Temperature Range:	-22 to 140°F (-30 to 60°C)	
Humidity:	RH of 95%, non-condensing at 50°C (122°F)	
Max Duty Cycle:	100%	
FCC Description:	ABZ99FT3094	ABZ99FT4096
IC Description:	109AB-99FT3094	109AB-99FT4096
Digital Vocoder:	AMBE+2™	
Battery Charger Capacity:	12 V, 3 A	
Connectivity:	Tx (N Female), Rx (BNC Female), USB A receptacle, 2x Ethernet	

### **Receiver:**

Channel Spacing:	25* / 12.5 kHz	
Frequency Stability:	0.5 ppm	
Sensitivity, 12dB SINAD	0.22 µV	
Sensitivity, 5% BER	0.22 µV	
Selectivity (TIA603D), 25*/12.5	83 / 55 dB	80 / 55 dB
Selectivity (TIA603), 25*/12.5	83 / 68 dB	80 / 68 dB
Selectivity (ETSI), 25*/12.5	70 / 63 dB	
Intermodulation Rejection (TIA603D/ETSI)	82 / 73 dB	
Spurious Rejection (TIA603D/ETSI)	95 / 90 dB	
Audio Distortion	< 1%	
Transmitter Hum & Noise 25*/12.5 kHz	-45 / 50 dB	

### **Transmitter:**

Frequency Stability:	0.5 ppm
Intermodulation Attenuation:	40 dB
Adjacent Channel Power (TIA603D)	78 / 62 dB
Adjacent Channel Power (ETSI)	78 / 62 dB
Conducted Spurious Emissions	-36 dBm < 1 GHz, -30 dBm > 1 GHz
Modulation Fidelity (4FSK)	FSK Error 5%, FSK Magnitude 1%

Audio Response	TIA603D
Audio Distortion	< 1%
Receiver Hum & Noise, 25*/12.5	-45 / -50 dB
Rated System Deviation, 25*/12.5	$\pm 5.0$ / $\pm 2.5$ kHz

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\*25 kHz channels not available in the US

#### 4.2. Repeaters RFP Specifics:

- 4.2.1. The system shall provide a software application that allows the system administrator the ability to monitor and control the radio repeaters within the system remotely. The Repeater Diagnostic s and Reporting system shall provide the following capabilities:
- 4.2.2. Repeater Diagnostics that include enabled-disabled station status, Transmitter power status, available channels and RSSI levels.
- 4.2.3. Repeater Controls that include changing channels, transmitter power, station reset and repeater knockdown.
- 4.2.4. Repeater Alarm Reporting including Receiver lock failure, transmit lock detect, station overheating, AC Power supply failure and detect and report of failure.
- 4.2.5. The application shall operate over the IP network remotely

#### 4.3. The system shall provide the following Repeater Alarms:

- 4.3.1. RX (Receiver lock failure)
- 4.3.2. TX (transmit lock detect)
- 4.3.3. Temp (station overheating)
- 4.3.4. Power (AC Power supply failure)
- 4.3.5. Fan (fan failure)
- 4.3.6. PA Voltage Major
- 4.3.7. PA Voltage Minor
- 4.3.8. VSWR Major
- 4.3.9. VSWR Minor
- 4.3.10. TX Power Major
- 4.3.11. TX Power Minor
- 4.3.12. PA EEPROM Corruption
- 4.3.13. Exciter EEPROM Corruption
- 4.3.14. Receiver EEPROM Corruption
- 4.3.15. Interoperability between Exciter and PA.

#### 4.4. The system shall provide the following Repeater Diagnostics:

- 4.4.1. Read Enabled/Disabled Status
- 4.4.2. Read Analog/Digital Status
- 4.4.3. Read Wide or Local Area Status
- 4.4.4. Read Transmit Power Status
- 4.4.5. Read Available Channels
- 4.4.6. Read Inbound RSSI
- 4.4.7. Read IPv4 Address and UDP Port

#### 4.5. The system shall provide the following repeater control capabilities:

- 4.5.1. Change Enabled or Disabled Status
- 4.5.2. Change Channels
- 4.5.3. Change Transmit Power Level

- 4.5.4. Reset Repeater
- 4.5.5. Knockdown Repeater
- 4.5.6. The system shall provide the following Repeater Alarm Reporting
- 4.5.7. Detect and Report Receiver Lock Detect Failure
- 4.5.8. Detect and Report Transmitter Lock Detect Failure
- 4.5.9. Detect and Report Overheating
- 4.5.10. Detect and Report AC Power Supply Failure
- 4.5.11. Detect and Report Main Fan Failure



## **SECTION 5 - MOTOTRBO™ Next-Generation Portables (22 units with chargers)**

### **MOTOTRBO™ NEXT-GENERATION PORTABLES**

#### **• XPR 7000e SERIES PORTABLE TWO-WAY RADIOS**

The MOTOTRBO XPR 7000e Series is a family of DMR standard digital radios that delivers operations-critical voice and data communications. The XPR 7000e Series radios come in two flavors; a full-color display with integrated expansion board, Bluetooth®, Wi-Fi, GPS & Text Messaging (XPR 7550e & XPR 7580e). The Radio also comes in a non-display version that includes Bluetooth®, Wi-Fi, GPS and the integrated expansion board. The XPR 7000e Series radios are designed with high-performance integrated voice and data, and advanced features for efficient operation. These next-generation radios deliver complete connectivity to your organization. Here's what's new in these next-generation radios:

- Integrated Accelerometer for optional Man Down
- Bluetooth® 4.0
- Indoor Location Tracking
- Integrated Wi-Fi
- Over-the-air (OTA) Software Updates
- Enhanced Audio Quality
- Improved Expandability
- Better Battery Life (up to 29 hours)
- Better Range (up to 8%)
- Better Waterproofing (IP68)

#### **XPR 7000e Series Features:**



#### **Connected**

Bluetooth® audio lets you talk without wires, and integrated Wi-Fi enables remote software upgrades. Bluetooth® data allows for indoor location tracking, and built-in GPS outdoor location tracking capabilities provide you total visibility of your resources. With support for trunking as well as legacy analog technology, you can keep your organization connected as it grows.

#### **Productive**

Text messaging and Work Order Ticketing simplifies complex communications, and data capabilities support advanced applications. Featuring a powerful audio amplifier, these radios deliver loud, clear speech, with industrial noise cancellation for better intelligibility. The latest energy technology delivers up to 29 hours of battery life for 3-shift working, and an improved receiver boosts range by up to 8%.

#### **Safe**

Safeguard your staff with responsive push-to-talk technology. The prominent orange emergency button on XPR 7000e Series radios summons help with one touch, using Transmit Interrupt to clear a channel when necessary. An integrated accelerometer senses

if you've fallen and can automatically call for assistance. The radio is tested to tough military standards and is both dust and waterproof to IP68.



## Specifications:

	Full Keypad (FKP) Model			No Keypad (NKP) Model		
Model #:	XPR 7550e		XPR 7580e	XPR 7350e		XPR 7380e
Band:	VHF	UHF	800/900	VHF	UHF	800/900
<b>GENERAL SPECIFICATIONS:</b>						
Frequency	136-174 MHz	403-512 MHz	806-825 MHz, 851-870 MHz, 896-902 MHz, 935-941 MHz	136-174 MHz	403-512 MHz	806-825 MHz, 851-870 MHz, 896-902 MHz, 935-941 MHz
High Power Output	5W	4W	2.5W	5W	4W	2.5W
Low Power Output	1W	1W	1W	1W	1W	1W
Channel Spacing	12.5, 25* kHz					
Channel Capacity	1000			32		
Dimensions (HxWxD) Radio + Slim Battery	5.1 x 2.2 x 1.4 in (130 x 55 x 36 mm)			5.1 x 2.2 x 1.3 in (130 x 55 x 34 mm)		
Weight, Radio + Slim Battery	11 oz (315 g)			10 oz (290 g)		
Dimensions (HxWxD) Radio + High Capacity Battery	5.1 x 2.2 x 1.6 in (130 x 55 x 41 mm)			5.1 x 2.2 x 1.6 in (130 x 55 x 40 mm)		
Weight, Radio+High Capacity Battery	12 oz (347 g)			11 oz (322 g)		
FCC Description	AZ489FT7066	AZ489FT7065	AZ489FT7067	AZ489FT7066	AZ489FT7065	AZ489FT7067
IC Description	109U-89FT7066	109U-89FT7065	109U-89FT7067	109U-89FT7066	109U-89FT7065	109U-89FT7067
Digital / Analog Battery Life Low Voltage 2250 mAh Battery	22.0 / 16.5 hrs	21.0 / 16.0 hrs	21.0 / 17.5 hrs	22.0 / 16.5 hrs	21.0 / 16.0 hrs	21.0 / 16.5 hrs
Digital / Analog Battery Life Low Voltage 3000 mAh Battery	29.0 / 22.0 hrs	28.0 / 21.5 hrs	28.0 / 23.0 hrs	29.0 / 22.0 hrs	28.0 / 21.5 hrs	28.0 / 23.0 hrs
Power Supply (Nominal)	7.5 V					

TRANSMITTER SPECIFICATIONS		BLUETOOTH SPECIFICATIONS	
Channel Spacing	12.5, 25* kHz	Version	4.0
4FSK Digital Modulation	12.5 kHz Data: 7K60F1D and 7K60FXD, 12.5 kHz Voice: 7K60F1E and 7K60FXE, Combination of 12.5 kHz Voice & Data: 7K60F1W	Range	Class 2, 33 ft (10 m)
Digital Protocol	ETSI TS 102 361-1, -2, -3	Supported Profiles	Bluetooth Headset Profile (HSP), Serial Port Profile (SPP), Motorola Fast Push-to-Talk
Conducted/Radiated Emissions (TIA603D)	-36 dBm < 1GHz, -30 dBm > 1GHz	Simultaneous Connections	1 x audio accessory & 1 x data device
Adjacent Channel Power	60 dB (12.5 kHz channel), 70dB (25* kHz channel)	Permanent Discoverable Mode	Optional
Frequency Stability	± 0.5 ppm	GNSS SPECIFICATIONS	
RECEIVER SPECIFICATIONS		Constellation Support	GPS
Analog Sensitivity (12dB SINAD)	0.16 µV (0.22 µV for 800/900 band)	Time To First Fix, Cold Start	< 60 s
Digital Sensitivity (5% BER)	0.14 µV (0.19 µV for 800/900 band)	Time To First Fix, Hot Start	< 10 s
Intermodulation (TIA603D)	70 dB	Horizontal Accuracy	< 16.5 ft (< 5 m)
Adjacent Channel Selectivity, (TIA603A)-1T	60 dB (12.5 kHz channel), 70dB (25* kHz channel)	Wi-Fi SPECIFICATIONS	
Adjacent Channel Selectivity, (TIA603D)-2T	45 dB (12.5 kHz channel), 70dB (25* kHz channel)	Standards Supported	IEEE 802.11b, 802.11g, 802.11n
Spurious Rejection (TIA603D)	70 dB	Security Protocol Supported	WPA, WPA-2, WEP
AUDIO SPECIFICATIONS		Maximum Number of SSID's	128 (64 for NKP Models)
Digital Vocoder Type	AMBE+2™	ENVIRONMENTAL SPECIFICATIONS	
Audio Response	TIA603D	Operating Temperature <sup>2</sup>	-22°F to 140°F (-30°C to +60°C)
Rated Audio	0.5 W	Storage Temperature	-40°F to 185°F (-40°C to +85°C)
Audio Distortion at Rated Audio	3%	Thermal Shock	Per MIL-STD
Hum and Noise	-40 dB (12.5 kHz channel), -45 dB (25* kHz channel)	Humidity	Per MIL-STD
Conducted Spurious Emissions (TIA603D)	-57 dBm	Electrostatic Discharge	IEC 61000-4-2 Level 4
<b>Notes</b> 1: Typical battery life, 5/5/90 profile at maximum transmitter power with GNSS, Bluetooth, Wi-Fi and Option Board application disabled. Actual observed runtimes may vary. 2: Specialized low-temperature battery required for operation below 14°F (-10°C). Specifications are subject to change without notice. All Specifications shown are typical values. * 25 kHz channels not available in USA.		Dust and Water Intrusion	IEC 60529 - IP68, 6.6 ft (2 m) for 2 hrs
		Salt Fog	Per MIL-STD
		Packaging Test	MIL-STD 810D & E
		HAZLOCK CERTIFICATION	
		When properly equipped with Motorola UL-Approved battery, XPR 7000e Series radios are UL Approved to TIA-4950 for use in Hazardous Locations, Division 1, Class I, II, III, Groups C,D,E,F,G; Division 2, Class 1, Groups A,B,C,D, T3C. Tamb = -25° C to +60° C	

- **SL 7000e SERIES PORTABLE TWO-WAY RADIOS**

The SL 7000e Series MOTOTRBO™ digital portable two-way radios are designed for the managers who need complete control. With a slim and light form factor incorporating high performance integrated voice and data, these next-generation radios deliver smart connectivity to your organization.

Here's what's new in these next-generation radios:

- Integrated accelerometer for optional Man Down
- Bluetooth 4.0
- Indoor Location Tracking
- Integrated Wi-Fi
- Over-the-Air Software Updates
- Upgraded audio for greater clarity at high volume
- Improved expandability
- Increased UHF transmitter power for greater range



SL 7550e

## **SMART**

The MOTOTRBO™ SL 7000e Series is a family of DMR-standard slim and light portable radios that connects you with sophistication. Pocket-sized and with a smooth outline, the radios feature a full keypad and 5-line color screen with customizable display schemes. A built-in vibrate function alerts you quietly when you need to be discreet, and a comprehensive range of audio accessories allows you to stay connected without disturbing your customers.

**Specifications:**

Model #:	SL 7550e		SL 7580e	SL 7590e
Band:	UHF Band 1	UHF Band 2	800 MHz	900 MHz
GENERAL SPECIFICATIONS:				
Frequency	403-470 MHz	450-512 MHz	806-825 MHz, 851-870 MHz,	896-902 MHz, 935-941 MHz
High Power Output	3W	3W	2W	
Low Power Output	1W	1W	1W	
Channel Spacing	12.5 kHz			
Channel Capacity	1000			
Dimensions (HxWxD) Radio + Std Battery	4.8 x 2.2 x 0.9 in (121 x 55 x 23 mm)			
Weight, Radio + Slim Battery	11 oz (315 g)			
FCC Description	AZ489FT7072	AZ489FT7073	AZ489FT7074	AZ489FT7075
IC Description	109U-89FT7066	109U-89FT7065	109U-89FT7067	109U-89FT7066
Digital / Analog Battery Life Low Voltage 2250 mAh Battery	22.0 / 16.5 hrs	21.0 / 16.0 hrs	21.0 / 17.5 hrs	22.0 / 16.5 hrs
Digital / Analog Battery Life Low Voltage 3000 mAh Battery	29.0 / 22.0 hrs	28.0 / 21.5 hrs	28.0 / 23.0 hrs	29.0 / 22.0 hrs
Power Supply (Nominal)	3.7 V			



TRANSMITTER SPECIFICATIONS		BLUETOOTH SPECIFICATIONS	
4FSK Digital Modulation	12.5 kHz Data: 7K60F1D and 7K60FXD, 12.5 kHz Voice: 7K60F1E and 7K60FXE, Combination of 12.5 kHz Voice & Data: 7K60F1W	Version	4.0
Digital Protocol	ETSI TS 102 361-1, -2, -3	Range	Class 2, 33 ft (10 m)
Conducted/Radiated Emissions (TIA603D)	-36 dBm < 1GHz, -30 dBm > 1GHz	Supported Profiles	Bluetooth Headset Profile (HSP), Serial Port Profile (SPP), Motorola Fast Push-to-Talk
Frequency Stability	± 0.5 ppm	Simultaneous Connections	1 x audio accessory & 1 x data device
RECEIVER SPECIFICATIONS		Permanent Discoverable Mode	Optional
Digital Sensitivity (5% BER)	0.15 µV	Wi-Fi SPECIFICATIONS	
Conducted Spurious Emissions (TIA603D)	-57 dB	Standards Supported	IEEE 802.11b, 802.11g, 802.11n
AUDIO SPECIFICATIONS		Security Protocol Supported	WPA, WPA-2, WEP
Digital Vocoder Type	AMBE+2™	Maximum Number of SSID's	128
Audio Response	TIA603D	ENVIRONMENTAL SPECIFICATIONS	
Rated Audio	0.5 W	Operating Temperature <sup>2</sup>	-4°F to +140°F (-20°C to +60°C)
Audio Distortion at Rated Audio	3%	Storage Temperature	-22°F to +158°F (-30°C to +70°C)
		Electrostatic Discharge	IEC 61000-4-2 Level 4
		Dust and Water Intrusion	IEC 60529 - IP54
		Salt Fog	5% NaCL for 8 hrs at 35°C, 16 hrs standing
		Packaging Test	MIL-STD 810D & E

### 5.1. Next Generation Subscribers:

- 5.1.1. All user portable radios shall include battery technology for automatic maintenance and reconditioning.
- 5.1.2. All user portable radios shall be rated UL Intrinsically Safe.
- 5.1.3. The system and/or user equipment shall include embedded digital forward error correction technology to increase clarity throughout the range.
- 5.1.4. All user radios shall include Emergency Declaration capability with single button activation.
- 5.1.5. The Emergency Declaration shall provide visual and audible status notification to specified radios.
- 5.1.6. The Vendor's Proposal shall include a detailed description of the Emergency Declaration features and programming options.
- 5.1.7. The system and/or user equipment shall include embedded GPS receivers in both the portable and mobile radios with a proper antenna.
- 5.1.8. The system and/or user equipment shall include embedded text messaging capabilities.
- 5.1.9. Any additional external receivers or accessories shall not be required to receive or send text message information.
- 5.1.10. The user equipment shall support unit-to-unit canned and user creatable text messaging capability.
- 5.1.11. Text messaging shall be supported in a repeater and/or talk around mode.
- 5.1.12. Subscriber shall support unit to unit encryption.

### 5.2. Third Party Applications:

- 5.2.1. The system shall have the ability to support third-party applications such as:
- 5.2.2. GPS
- 5.2.3. Text Messaging
- 5.2.4. Fleet Management / Outdoor Location Tracking
- 5.2.5. Enhanced System & Performance Management
- 5.2.6. Wire-line or Wireless Dispatch Consoles
- 5.2.7. The system shall have an open interface for third-party application development available by contacting the manufacturer
- 5.2.8. Customer shall have access to this interface for customized development if requested.

### 5.3. Teldio Software

- 5.3.1. Standard Desktop Server

### 5.4. Teldio Software- Tru Dispatch Console

- 5.4.1. TruDispatch Console Software, 2 seat/client licenses minimum, one TruDispatch Voice path, One professional Desktop Microphone, Audio control Station cable
- 5.4.2. TruDispatch Client minimum of 4
- 5.4.3. Standard Server

#### 5.5. Programming Software

- 5.5.1. All software, interconnecting cables, and devices for the programming of portable handheld equipment shall be Motorola certified.

#### 5.6. Training:

- 5.6.1. Two (2) hours administrator level training sessions shall be provided. The first session shall be conducted upon completion of installation and the second session shall be provided based on the customer's needs.

#### 5.7. Spare Replacement Parts

- 5.7.1. The vendor shall provide at contract price three (3) replacement batteries and three (3) antennas that are defined as compatible by the original equipment manufacturer for use with each model of portable handheld equipment purchased.

#### 5.8. Warranty

- 5.8.1. Portable shall be warrantied for a period of no less than 5 years. Stationary equipment shall be warrantied for a period of no less than 3 years commencing on project completion and acceptance.

#### 5.9. Response Time, Replacement and Repairs:

- 5.9.1. Repairs to stationary equipment shall be completed within twenty-four (24) hours from time of notification unless prior arrangements have been made by an authorized representative of a Motorola Certified Technician.
- 5.9.2. Repairs to portable equipment shall be completed within seventy-two (72) hours upon receipt of the equipment unless prior arrangements have been made by an authorized representative of Pittsburg State University.
- 5.9.3. Service and repair shall be completed by an authorized representative of the original equipment manufacturer.
- 5.9.4. Only parts approved by the original manufacturer, for the specific device being serviced, shall be used when replacement/repair parts are required.

#### 5.10. Vendor Qualifications:

- 5.10.1. Vendor Must have one Certified Motorola Shops within 70 miles of End User Location.
- 5.10.2. Vendor must disclose three installations of similar scope and size.

#### 5.11. Interoperability

- 5.11.1. Radios must be programmed in such a way local law enforcement can reach the end user in case of an emergency.
- 5.11.2. Radios must be programmed in a such a way that talk groups have full interoperability.

#### 5.12. Installation Qualifications

- 5.12.1. Vendor must provide R56 grounding specification of all equipment on site and remote sites.

## SCOPE OF WORK AGREEMENT FORM

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Printed Name of Contractor

---

Address

Date

---

City

State

Zip Code

---

Signature of Authorized Representative

---

Title

Date

## INSTRUCTIONS TO PROPOSERS

1. **Receipt of Proposal:** \_\_\_\_\_ Local Time
2. **Basis of Proposal:** Sealed proposals will be received until the above noted time and date.
3. **Proposal Description:** Purchase of portable GPS-enabled radios, accessories and software maintenance program
4. **Preparation and Submission of Proposals:**
  - A. Each proposal shall be submitted on the exact form furnished. All blank spaces for proposal prices, unit costs and alternates must be filled in using both words and figures if indicated. In case of any discrepancy in the amount proposal, the prices expressed in written words shall govern.
  - B. Each proposer must complete, execute and submit with its proposal a certification that Proposer is not barred from public contracting due to proposal-rigging or proposal rotating convictions on the form included with the proposal documents.
  - C. Each proposal must submit a complete proposal package, including the following items:
    1. **Signed Scope of Work Agreement Form**
    2. **Proposal Sheet with Signature**
    3. **Signed Contractor's Proposal Agreement Form**
    4. **References from projects within the last five (5) years.**
    5. **Subcontractors List**
    6. **Equipment List**
    7. **One (1) paper copy of the entire proposal packet and one electronic version of the entire proposal packet on a flash drive in a \*.pdf (Adobe Acrobat) version**
  - D. Proposers may attach separate sheets to the proposal for the purpose of explanation, exception, alternate proposal and to cover unit prices, if needed.
  - E. Proposers may withdraw their proposal either personally or by written request at any time before the hour set for the proposal opening and may resubmit it. No proposal may be withdrawn or modified after the proposal opening except where the award of the contract has been delayed for a period of more than thirty (30) days.
  - F. In submitting this proposal, the proposer further declares that the only person or party interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm or corporation.
  - G. The proposed further declares that he has carefully examined this entire Proposal Package, and he has familiarized himself with all of the local conditions affecting the contract and the detailed requirements of this work and understands that in making the proposal he waives all rights to plead a misunderstanding regarding same.
  - H. The proposed further understands and agrees that if his proposal is accepted, he is to furnish and provide all necessary machinery, tools, apparatus, and other means to do all of the work and to furnish all of the materials specified in the contract, except such materials as are to be furnished by the owner (City), in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

- I. The proposed further agrees that if the City decides to extend or shorten the work, or otherwise alters it by extras or deductions, including the elimination of one or more of the items, as provided in the specifications; he will perform the work as altered, increased or decreased.
- J. The proposed further agrees that the City representative may at any time during the progress of the work covered by this Contract, order other work or materials incidental thereto and that all such work and materials as do not appear in the proposal or contract as a specific item covered by a lump sum price, and which are not included under the proposal price for other items in the Contract, shall be performed as extra work.
- K. The proposed further agrees to execute all documents within this Proposal Package, for this work and present all of these documents to the City.
- L. The proposed further agrees to execute all documents within this Proposal Package, obtain a Certificate of Insurance for this work and present all of these documents within fifteen (15) days after the receipt of the Notice of Award and the Contract.
- M. By submitting a proposal, the proposer understands and agrees that, if his proposal is accepted, and he fails to enter into a contract forthwith, he shall be liable to the City for any damages the City may thereby suffer.
- N. No proposal will be considered unless the party offering it shall furnish evidence satisfactory to the City that he has the necessary facilities, ability, and pecuniary resources to fulfill the conditions of the Contract.
- O. No proposal shall be considered unless the party offering it shall furnish evidence satisfactory to the City that he has the necessary facilities, ability, and pecuniary resources to fulfill the conditions of the Contract.



## GENERAL CONDITIONS

These General Conditions apply to all proposals requested and accepted by the City and become a part of the contract unless otherwise specified. Persons submitting proposals, or their authorized representatives are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting proposals. The City assumes that submission of a proposal means that the person submitting the proposal has familiarized himself with all conditions and intends to comply with them unless noted otherwise.

1. **Forms** – All proposals must be submitted on the forms provided, complete with all blank spaces filled in and properly signed in ink in the proper spaces. All proposal forms may be obtained from the City Hall, 800 Game Farm Road, Yorkville, Illinois 60560.
2. **Submittal of Proposal** – Proposals must be submitted to United City of Yorkville, Carrie Parker, Purchasing Manager, 800 Game Farm Road, Yorkville, IL 60560 by the date and time stated above. Persons submitting proposals may attach separate sheets for the purpose of explanation, exception, or alternative proposal and to cover required unit prices.
3. **Examination of Proposal Forms, Specifications, and Site** – The person submitting the proposal shall carefully examine the proposal forms which may include the request for proposal, instruction to Persons submitting proposals, general conditions, special conditions, plans, specifications, proposal form, bond, and any addenda to them, and sites of the proposed work (when known) before submitting the proposal. The person submitting the proposal shall verify all measurements relative to the work, shall be responsible for the correctness of the same. The person submitting the proposal will examine the site and the premises and satisfy themselves as to the existing conditions under which the person submitting the proposal will be obligated to operate. Failure of the person submitting the proposal to notify the City, in writing, of any condition(s) or measurement(s) making it impossible to carry out the work as shown and specified, will be construed as meaning no such conditions exist and no additional money will be added to the contract.

The submission of the proposal shall be considered conclusive evidence that the person submitting the proposal has investigated and is satisfied as to all conditions to be encountered in performing the work, and is fully informed as to character, quality, quantities, and costs of work to be performed and materials to be furnished, and as to the requirements of the proposal forms. If the proposal is accepted, the person submitting the proposal will be responsible for all errors in his proposal resulting from his failure or neglect to comply with these instructions, and the City shall not be responsible for any charge for extra work or change in anticipated profits resulting from such failure or neglect.

4. **Scope of Work** – The person submitting the proposal shall supply all required supervision, skilled labor, transportation, new materials, apparatus, and tools necessary for the entire and proper completion of the work. This work shall be completed to the satisfaction of the City.

5. **Completeness** – All information required by the Request for Proposal must be supplied to constitute a responsive proposal. The Person submitting the proposal shall include the completed Proposal Sheet. The City will strictly hold the person submitting the proposal to the terms of the proposal. The proposal must be executed by a person having the legal right and authority to bind the person submitting the proposal.
6. **Error in Proposals** – When an error is made in extending total prices, the unit proposal price and/or written words shall govern. Otherwise, the person submitting the proposal is not relieved from errors in proposal preparation. Erasures in proposals must be explained over the signature of the person submitting the proposal.
7. **Withdrawal of Proposals** – A written request for the withdrawal of a proposal or any part thereof may be granted if the request is received by the Purchasing Manager prior to the Closing Date.
8. **Person submitting the proposal Interested in More than One Proposal** – Unless otherwise specified, if more than one proposal is offered by any one party, by or in the name of his or their agent, partner, or other persons, all such proposals may be rejected. A party who has quoted prices on work, materials, or supplies to other Persons submitting proposals is not thereby disqualified from quoting prices to other Persons submitting proposals or from submitting a proposal directly for the work, materials, or supplies.
9. **Person submitting the proposal's qualifications** – No award will be made to any person submitting the proposal who cannot satisfy to the City that they have sufficient ability and experience in this class of work, as well as sufficient capital and equipment to do the job and complete the work successfully within the time named (i.e., responsible). The City's decision or judgment on these matters shall be final and binding. The City may make such investigations as it deems necessary. The person submitting the proposal shall furnish to the City all information and data the City may request for the purpose of investigation.
10. **Proposal Award for All or Part** – Unless otherwise specified, proposals shall be submitted for all of the work or items for which proposals are requested. The City reserves the right to make award on all items, or any of the items, according to the best interests of the City.
18. **Consideration of Proposal** – No proposal will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default to the City upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the City or had failed to perform faithfully any previous contract with the City.

The person submitting the proposal, if requested, shall present within 48 hours evidence satisfactory to the City of performance ability and possession of necessary facilities, pecuniary recourses, and adequate insurance to comply with the terms of these specifications and contract documents.

19. **Execution of Contract** – The successful person submitting the proposal shall, within fourteen (14) days after notification of the award: (a) enter into a contract in writing with the City covering all matters and things as are set forth in the specifications and his proposal and (b) carry insurance acceptable to the City, covering public liability, property damage, and workmen’s compensation.

After the acceptance and award of the proposal and upon receipt of a written purchase order executed by the proper officials of the City, this Instruction to Persons submitting proposals, including the specifications, will constitute part of the legal contract between the United City of Yorkville and the successful person submitting the proposal.

21. **Compliance with All Laws** – All work under the contract must be executed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations which may in any manner affect the preparation of the proposal or performance of the contract.
22. **Compliance with the Substance Abuse Prevention on Public Works Projects Act** – The Contractor and its Subcontractors shall comply with the Substance Abuse Prevention on Public Works projects Act (820 ILCS 265/1 et seq.) and prior to commencing work on a “public works” project (as defined in the Prevailing Wage Act) file with the City its program to comply with the Act or file that portion of its collective bargaining agreement that deals with the matters covered by the Act.
23. **Equal Employment Opportunity** – During the performance of the contract and/or supplying of materials, equipment, and suppliers, the person submitting the proposal must be in full compliance with all provisions of the Acts of the General Assembly of the State of Illinois relating to employment, including equal opportunity requirements.
24. **Contract Alterations** – No amendment of a contract shall be valid unless made in writing and signed by the City Administrator or his authorized agent.
25. **Notices** – All notices required by the contract shall be given in writing.
26. **Nonassignability** – The Contractor shall not assign the contract, or any part thereof, to any other person, firm, or corporation without the previous written consent of the City Administrator. Such assignment shall not relieve the Contractor from his obligations or change the terms of the contract.
27. **Indemnity** – To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the City, its officials, agents, and employees, against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost, and expenses, which may in anywise accrue against the City, its officials, agents, and employees, arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may anywise result therefore, except that arising out of the sole legal cause of the City, its agents, or employees, the Contractor shall, at its own expense, appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connections therewith, and, if

any judgment shall be rendered against the City, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same.

Contractor expressly understands and agrees that any performance bond or insurance policies required by this contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep, and save harmless and defend the City, its officials, agents, and employees as herein provided.

28. **Insurance** – In the submission of a proposal, the person submitting the proposal is certifying that he has all insurance coverages required by law or would normally be expected for the person submitting the proposal's type of business. Commercial General Liability Insurance: Contractor shall provide commercial general liability insurance policy that includes products, operations and completed operations (with no exclusion for sexual abuse or molestation).

Limits should be at least:

Bodily injury & property damage:	\$1,000,000 per occurrence
Personal & advertising injury limit:	\$1,000,000 per occurrence
General aggregate limit:	\$2,000,000
Products and completed operations aggregate limit:	\$2,000,000

The policy shall name the City as an additional insured. Such coverage will be provided on an occurrence basis and will be primary and shall not contribute in any way to any insurance or self-insured retention carried by the City. Such coverage shall contain a broad form contractual liability endorsement or similar wording within the policy form.

29. **Default** – The City may terminate a contract by written notice of default to the Contractor if:
- The Contractor fails to perform the services within the time specified in the proposal, or
  - fails to make progress so as to endanger performance of the contract, or
  - fails to provide or maintain in full force and effect, the liability and indemnification coverages or performance bond as required.

If the City terminates the contract, the City may procure supplies or services similar to those so terminated, and the Contractor shall be liable to the City for any excess costs for similar supplies and services, unless the Contractor provides acceptable evidence that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

30. **Inspection** – The City shall have a right to inspect, by its authorized representative, any material, components, or workmanship as herein specified. Materials, components, or

workmanship that has been rejected by the authorized representative as not in accordance with the terms of the specifications shall be replaced by the Contractor at no cost to the City.

31. **Supplementary Conditions** – Wherever special conditions are written into the specifications or supplementary conditions which are in conflict with conditions stated in these Instructions to Person submitting the proposal, the conditions stated in the specifications or supplementary conditions shall take precedence.
32. **Permits and Licenses** – The successful person submitting the proposal and their subcontractor(s) shall obtain, at their own expense, all permits and licenses which may be required to complete the contract. Fees for all City permits and licenses shall be waived.
33. **Person submitting the proposal's Certification** – - In compliance with the Illinois State Law that requires each person submitting the proposal to file a certification regarding proposal rigging and proposal rotating and that it is not delinquent in its taxes.
34. **Change Orders** – After the contract award, changes in or additions to the work and/or a change in the amount of money to be paid to the person submitting the proposal must be the result of an approved change order first ordered by the Director of the lead department and approved by the City Administrator and/ or City Council.
35. **Time of Completion** – The successful person submitting the proposal shall completely perform its proposal in strict accordance with its terms and conditions within the number of consecutive calendar days after notification of award of the contract as stated in the proposal.
36. **Payment** – Payment will be made within thirty (30) days after acceptance of the job by the City after the completion of the work as covered within the contract documents.
37. **Guarantees and Warranties** – All guarantees and warranties required shall be furnished by the successful person submitting the proposal and shall be delivered to the City before final payment on the contract is issued.
38. **Waiver of Lien** – where applicable a waiver of lien and contractor's affidavit must be submitted by the successful person submitting the proposal, verifying that all subcontractors and material invoices have been paid prior to the City approving final payment.

## SPECIAL CONDITIONS

1. *Persons submitting proposals Qualifications.* If requested, the interested Person submitting the proposal must provide a detailed statement regarding the business and technical organization of the Person submitting the proposal that is available for the work that is contemplated. Information pertaining to financial resources, experiences of personnel, previously completed projects, and other data may also be required to satisfy the City that the Person submitting the proposal is equipped and prepared to fulfill the Contract should the Contract be awarded to him. The competency and responsibility of Persons submitting proposals and of their proposed subcontractors will be considered in making awards.

Contractor shall submit employee identification information necessary for City staff to perform background checks on Contractor's employees, including the Contractor/Company Owner, Supervisors, etc. Such information may include but is not limited to date of birth, driver's license number, address, and other identifying information. The City reserves the right to ban Contractor employees from performing the proposal work based on the results of the background check, and no Contractor employees may begin proposed work until approved by the City. Contractor shall supply such information prior to any employee beginning proposed work.

If requested by the City, the Person submitting the proposal shall include a complete list of all equipment and manpower available to perform the work intended on the Plans and Specifications. The list of equipment and manpower must prove to the City that the Person submitting the proposal is well qualified and able to perform the work, and it shall be taken into consideration in awarding the Contract.

The City may make such investigations as it deems necessary, and the Person submitting the proposal shall furnish to the City all such information and data for this purpose as the City may request. A responsible Person submitting the proposal is one who meets all of the following requirements:

- Have adequate financial resources or the ability to secure such resources.
- Have the necessary experience, organization, and technical qualifications, and has or can acquire, the necessary equipment to perform the proposed Contract.
- Is able to comply with the required performance schedule or completion date, taking into account all existing commitments.
- Has a satisfactory record of performance, integrity, judgment, and skills.
- Is qualified and eligible under all applicable laws and regulations.

If the Person submitting the proposal possesses a current Illinois Department of Transportation "Certificate of Eligibility" with an amount for the work specified at least equal to the minimum amount of qualification indicated on the Legal Notice he may choose to provide the City a copy of the certificate in lieu of providing the above-mentioned Persons submitting proposals Qualification requirements.

2. *Basis of Payment:* The City shall make monthly payments for services performed under this contract, pending receipt of the contractor's monthly invoice.



3. *General Guarantee:* The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one (1) month. The United City of Yorkville will give notice of observed defects with reasonable promptness.

4. *Termination of Contract:* The United City of Yorkville reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event that sufficient funds to complete the Contract are not appropriated by the corporate authorities of the United City of Yorkville.

The United City of Yorkville further reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event of default by the Contractor. Default is defined as failure of the Contractor to perform any of the provisions of this Contract, or failure to make sufficient progress so as to endanger performance of this Contract in accordance with its terms. In the event of default and termination, the United City of Yorkville may procure, upon such terms and in such manner as the United City of Yorkville may deem appropriate, supplies or services similar to those so terminated.

The Contractor shall be liable for any excess costs for such similar supplies or service unless acceptable evidence is submitted to the United City of Yorkville that failure to perform the Contract was due to causes beyond the control and without the fault or negligence of the Contractor.

## PROPOSAL

*Note:* The Person submitting the proposal must complete all portions of this Proposal

The undersigned, having examined the specifications, and all conditions affecting the specified project, offer to furnish all services, labor, and incidentals specified for the price below.

It is understood that the City reserves the right to reject any and all proposals and to waive any irregularities and that the prices contained herein will remain valid for a period of not less than ninety (90) days.

I (We) propose to complete the following project as more fully described in the specifications for the following:

**Proposing Company Name:** \_\_\_\_\_

## SUBCONTRACTOR ACKNOWLEDGEMENT

*If it is the Contractor's intention to utilize a subcontractor(s) to fulfill the requirements of the Contract, the City must be advised of the subcontractor's company name, address, telephone and fax numbers, and a contact person's name at the time of proposal submittal.*

	<u>YES</u>	<u>NO</u>
Will you be utilizing a subcontractor?	_____	_____
If yes, have you included all required information with your proposal submittal?	_____	_____

Provide the name, contact information, and value of work for each and every subcontractor which will be employed on this project.

### **Subcontractor No. 1**

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Business Name

---

Address

---

City, State, Zip Code

---

Telephone Number

---

Value of Work Subcontracted

---

Nature of Work Subcontracted

**Subcontractor No. 2**

---

Business Name

---

Address

City, State, Zip Code

---

Telephone Number

Value of Work Subcontracted

---

Nature of Work Subcontracted

**Subcontractor No. 3**

---

Business Name

---

Address

City, State, Zip Code

---

Telephone Number

Value of Work Subcontracted

---

Nature of Work Subcontracted

If additional sheets are needed, please make copies.

## REFERENCES

General Information, the list below current business references for whom you have performed work similar to that required by this proposal.

### Reference No. 1

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Business Name

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Address

City, State, Zip Code

---

Contact Person

Telephone Number

---

Dates of Service

### Reference No. 2

---

Business Name

---

Address

City, State, Zip Code

---

Contact Person

Telephone Number

---

Dates of Service

**Reference No. 3**

---

Business Name

---

Address

City, State, Zip Code

---

Contact Person

Telephone Number

---

Dates of Service

If additional sheets are needed, please make copies.



## CONTRACTOR PROPOSAL AGREEMENT

I hereby certify that the item(s) proposed is/are in accordance with the specifications as noted and that the prices quoted are not subject to change; and that

The Person submitting the proposal is not barred by law from submitting a proposal to the City for the project contemplated herein because of a conviction for prior violations of either Illinois Compiled Statutes, 720 ILCS 5/33E-3 (Proposal Rigging) or 720 ILCS 5/33-4 (Proposal Rotating); and that

The Person submitting the proposal is not delinquent in payment of any taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1; and that

The Person submitting the proposal provides a drug-free workplace pursuant to 30 ILCS 580/1, *et seq.*, and that

The Person submitting the proposal certifies they have a substance-abuse program and provide drug testing in accordance with 820 ILCS 130/11G, Public Act 095-0635; and that

The Person submitting the proposal is in compliance with the Illinois Human Rights Act 775 ILCS 5/1.101 *et seq.* including the establishment and maintenance of sexual harassment policies and program.

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Signed

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Print Name

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Title

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Company Name

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Date