



United City of Yorkville

800 Game Farm Road

Yorkville, Illinois 60560

Telephone: 630-553-4350

www.yorkville.il.us

AGENDA PUBLIC WORKS COMMITTEE MEETING

Tuesday, November 15, 2016

6:00 p.m.

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

Citizen Comments:

Minutes for Correction/Approval: October 18, 2016

New Business:

1. PW 2016-74 Meeting Schedule for 2017
2. PW 2016-75 2017 Road to Better Roads Program
3. PW 2016-76 Professional Services Agreement for 2017 Road to Better Roads Program
4. PW 2016-77 Mill Street LAFO – Authorization No. 2

Old Business:

Additional Business:

2016/2017 City Council Goals – Public Works Committee

Goal	Priority	Staff
“Municipal Building Needs and Planning”	3	Bart Olson & Eric Dhuse
“Capital Improvement Plan”	4	Bart Olson & Eric Dhuse
“Vehicle Replacement”	5	Bart Olson & Eric Dhuse
“Sidewalks and Trails Funding and Planning”	15	Bart Olson, Eric Dhuse, Brad Sanderson & Rob Fredrickson

UNITED CITY OF YORKVILLE
WORKSHEET
PUBLIC WORKS COMMITTEE
Tuesday, November 15, 2016
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. October 18, 2016

- ☐ Approved _____
☐ As presented
☐ With corrections

NEW BUSINESS:

1. PW 2016-74 Meeting Schedule for 2017

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

2. PW 2016-75 2017 Road to Better Roads Program

☐ Moved forward to CC _____ consent agenda? Y N

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

3. PW 2016-76 Professional Services Agreement for 2017 Road to Better Roads Program

☐ Moved forward to CC _____ consent agenda? Y N

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

4. PW 2016-77 Mill Street LAFO – Authorization No. 2

☐ Moved forward to CC _____ consent agenda? Y N

☐ Approved by Committee _____

☐ Bring back to Committee _____

☐ Informational Item

☐ Notes _____

ADDITIONAL BUSINESS:



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

Agenda Item Number

Minutes

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – October 18, 2016

Meeting and Date: Public Works Committee – November 15, 2016

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee Approval

Submitted by: Minute Taker

Name

Department

Agenda Item Notes:

Have a question or comment about this agenda item?

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DRAFT

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, October 18, 2016, 6:00pm
Yorkville City Hall, Conference Room
800 Game Farm Road**

IN ATTENDANCE:

Committee Members

Chairman Chris Funkhouser
Alderman Jackie Milschewski

Alderman Larry Kot
Alderman Ken Koch

Other City Officials

City Administrator Bart Olson
Public Works Director Eric Dhuse
Community Development Director Krysti Barksdale Noble
Engineer Julie Morrison, EEI

Other Guests:

Joe Lusk, 308 Walnut
Michelle Bever, BSI
Melissa Joyce, BSI

The meeting was called to order at 6:00pm by Chairman Chris Funkhouser.

Citizen Comments: None

Previous Meeting Minutes: September 20, 2016

The minutes were approved as presented.

New Business:

1. PW 2016-68 Backflow Report Tracking Services – Agreement with BSI

Ms. Noble said the staff is recommending an agreement with BSI for notifications and data management for the backflow prevention program. The ordinance was put into effect to prevent contamination of non-drinking sources to the drinking supply. It applies to swimming pools, manufacturing uses and sprinkler systems. One staff member has manually maintained the list of tests done for 1100 addresses which is not even the total number of devices. Approximately 1-1.5 hours per week is required for record-keeping. Ms. Noble said the benefits if the agreement include being automated and tests can be tracked and searched. The annual fee is \$495 with a \$12.95 per device charge. She recommended an amendment to the ordinance for this spending. Two BSI representatives were present at this meeting also.

The City can track pool ownership by the permits that are issued, however, not all pool owners have the necessary devices. The device is a one-way valve that prevents the water from backflowing. Mr. Olson added that EPA/State requires this testing.

Mr. Olson and the committee discussed whether the City should pay the test fee or if the user should pay. The committee felt the individual users should pay, rather than all City residents. The final recommendation was for staff to make revisions and move this forward to the full Council for discussion.

2. PW 2016-69 Wrigley EDP Project – Change Order No. 1

Ms. Morrison said the contract with Geneva Construction is much lower than that budgeted. The change order is for an increase of \$21,387.50. As a result of the low bid, combination lighting (lighting and traffic control device) will be installed with IDOT approval. This moves to the October 25th Council meeting on consent.

3. PW 2016-70 Disposal and Purchase of Vehicles

Mr. Dhuse said three trucks need to be replaced and they are in the budget. The salt spreaders are not budgeted and would cost about \$11,114. Mr. Dhuse noted the new trucks would be white rather than red and the color change would be made based on easier availability. A recommendation for a quad cab was made to allow for the purchase of Fords and a 6-week delivery time is expected. The committee recommended the purchase. The old trucks will be disposed of either by sealed bids in a joint effort with the Police Department or possibly by auction. This moves to the October 25th consent agenda.

4. PW 2016-71 Capital Improvement Projects Update

Ms. Morrison and Mr. Dhuse gave a brief summary of the current projects and said the Countryside project is moving along and is on schedule. Some of the work was done under the Road to Better Roads program. Mr. Dhuse said the Rt. 47 lighting should be completed by Thanksgiving and the Wrigley project has just started. No further action.

5. PW 2016-72 Bond/LOC Reduction Summary

There has been no update since June and this is information only.

6. PW 2016-73 2016 Sanitary Sewer Lining – Change Order No. 2

This is the balancing change order which increases the bid by \$757.45, but is still within the budget. This will move to the consent agenda.

Old Business: None

Additional Business:

Alderman Kot asked about the road by the tennis courts next to City Hall and whether striping can be done to prevent accidents. It has been a 2-way road and a 1-way road. Mr. Dhuse said it's a private drive and will be discussed with the school along with the back parking lot.

Leaf pickup is scheduled for November 7 and 14. Bagged leaves will be picked up through the end of November.

Mr. Joe Lusk of 308 Walnut St. was present to request a City water hookup fee reduction. He is rehabbing the former rental home and found the well water to be very poor quality. He will soon be moving into the home and his only income is Social Security. The City does not waive fees nor does it have a payment plan. Staff has considered fee waivers in the past, however, there is no provision in the code.

The contaminated soil at Riverfront Park was discussed and Mr. Olson said it is thought to be a petro-based product, however, the City is waiting for final results. He recommended proper remediation due to the heavy use of the park and the liability issue. He also answered other questions from the committee members.

There was no further business and the meeting was adjourned 6:51pm.

Minutes respectfully transcribed by
Marlys Young, Minute Taker



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

Agenda Item Number

NB #1

Tracking Number

PW 2016-74

Agenda Item Summary Memo

Title: Meeting Schedule for 2017

Meeting and Date: Public Works Committee – November 15, 2016

Synopsis: Proposed Public Works Committee meeting schedule for 2017.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee approval.

Submitted by: Lisa Pickering Administration
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Lisa Pickering, Deputy Clerk
Date: November 1, 2016
Subject: Public Works Committee Meeting Schedule for 2017

Listed below is a tentative schedule for the Public Works Committee meetings for 2017. The proposed schedule has the commission meeting the 3rd Tuesday of each month at 6:00 p.m.

- January 17, 2017
- February 21, 2017
- March 21, 2017
- April 18, 2017
- May 16, 2017
- June 20, 2017
- July 18, 2017
- August 15, 2017
- September 19, 2017
- October 17, 2017
- November 21, 2017
- December 19, 2017

Please discuss this schedule at the Public Works Committee meeting and decide if you have any changes to the dates or meeting time.

2017

Yearly Calendar

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"/>

Agenda Item Number

NB #2

Tracking Number

PW 2016-75

Agenda Item Summary Memo

Title: RTBR Program

Meeting and Date: Public Works Committee – November 15, 2016

Synopsis: Review of Proposed 2017 and 5 Year Plan

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Consideration of Approval

Submitted by: _____
Name Department

Agenda Item Notes:

Have a question or comment about this agenda item?
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tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/gov_officials.php



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: November 9, 2016
Subject: Road to Better Roads 2017

Summary

Review of the 2017 Road to Better Roads plan and a design and construction engineering contract with EEI.

Background

This item was last discussed as part of the FY 17 budget proposal. At that time, the City Council had reviewed a five-year proposal that included the following streets:

Pavilion Rd, Elizabeth St, S Main St, W Washington St, Mill St, State St, W Madison St, Madison Ct

All of those streets are covered in the current proposal provided by EEI and Director Dhuse, except for Elizabeth St, which is currently recommended as an alternate. Provided we receive favorable bids again, we would recommend all \$236,000 worth of alternates be added for 2017.

In the FY 17 budget, the City only had \$550,000 in pavement projects identified for the FY 18 budget year. We are recommending \$658,000 worth of primary projects and \$236,000 worth of alternates, as we think the FY 18 budget proposal could have as much as \$1,000,000 in pavement projects available for the 2017 construction season (FY 18). These numbers are still being looked at for the FY 18 budget proposal, and I would not expect them to be finalized until January when the budget is released. In the meantime, we do recommend that the City Council endorse the 2017 project list and the corresponding engineering contract. After the list is endorsed and the engineering contract approved, staff would put the projects out to bid and would review the results against the most up-to-date budget figures.

The one item of moderate discussion expected is on the parking lots. While there is no life-cycle efficiency achieved from replacing them this year, we felt the school district's proposal to redo the entire parking lot was a good opportunity for City staff to save time managing a minor project. With one parking lot on the list, we felt it was a good idea to knock off a few more parking lots – which is why we recommend doing the Public Works Tower Lane lot and sealing other lots throughout the City. The aggregate value of all of these lots is around \$250,000, and we've posed them against the four alternate streets in case the City Council would prefer to continue to focus on streets instead of parking lots. Again – as I mentioned above we expect to have a sizable budget for pavement projects in 2018 and it's possible we'll be able to fund all parking lots and alternate streets without an issue.

The engineering contract with EEI is in the second agenda item for the Road to Better Roads project. The proposal is for ~\$33,000 for design engineering and ~\$43,000 for construction engineering. These estimates are covered in the budget and staff recommends approval of the contract.

Recommendation

Staff recommends approval of the five-year Road to Better Roads plan as illustrated in the attached map and charts, and approval of the professional services agreement with EEI for design and construction engineering.



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 31, 2016
Subject: Roads to Better Roads Program

We have updated the 5-year plan for consideration and discussion with the Public Works Committee. Please refer to the attached documents.

We are recommending the 2017 RTBR program as presented, which includes the maintenance of several City parking lots.

At this time, we are seeking approval to move forward with the 2017 RTBR program. If you have any questions or require additional information, please let us know.

PROPOSED 5 YEAR RTBR PROGRAM
United City of Yorkville
October 2016

2017 (FY18) STREET REHABILITATION LIST								
STREET	FROM	TO	STRATEGY	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
MADISON COURT	W. MADISON STREET	WEST END	MILL & OVERLAY	100	68	65	73	\$7,700
MADISON STREET	WEST END	MORGAN STREET	MILL & OVERLAY	100	70	52	64	\$24,500
MAIN STREET	W. VAN EMMON STEET	W. HYDRAULIC AVENUE	MILL & OVERLAY	100	75	62	75	\$12,400
MAIN STREET	S. BRIDGE STREET	W. RIDGE STREET	MILL & OVERLAY	100	83	60	76	\$123,800
WASHINGTON STREET	W. MORGAN STREET	S. MAIN STREET	MILL & OVERLAY	100	67	57	64	\$40,100
PAVILLION ROAD	FOX ROAD	CITY LIMIT	MILL & OVERLAY	97	67	65	67	\$139,000
E. RIDGE STREET	EAST END	MILL STREET	MILL & OVERLAY	100	83	47	71	\$32,300
TOWER LANE	SOMONAUK STREET	PUBLIC WORKS	MILL & OVERLAY	100	41	62	53	\$17,900
CITY HALL PARKING LOTS			MILL & OVERLAY	N/A	N/A	N/A	N/A	\$62,000
PUBLIC WORKS PARKING LOT			MILL & OVERLAY	N/A	N/A	N/A	N/A	\$121,000
BEECHER CENTER, LIBRARY, PARKS AND RECREATION, BRIDGE PARK PARKING LOT SEAL & STRIPE				N/A	N/A	N/A	N/A	\$78,000
TOTAL:								\$658,700

TIF ELIGIBLE PROJECTS

RIVERFRONT PARKING LOT			MILL & OVERLAY	N/A	N/A	N/A	N/A	\$29,000
EAST ALLEY PARKING LOT			OVERLAY	N/A	N/A	N/A	N/A	\$42,000

ALTERNATIVE STREETS VERSUS PARKING LOT PROJECTS

GENERAL STREET WORKS OF FISCAL YEAR 2017-2018								
ELIZABETH STREET	WEST END	S. MAIN STREET	MILL & OVERLAY	100	69	72	78	\$52,500
RIDGE STREET	JEFFERSON STREET	S. MAIN STREET	MILL & OVERLAY	100	82	55	76	\$15,100
STATE STREET	W. HYDRAULIC STEET	W. RIDGE STREET	MILL & OVERLAY	100	80	54	73	\$44,000
WHEATON AVENUE	N. BRIDGE STREET	SHADOW WOOD DRIVE	MILL & OVERLAY	86	82	71	75	\$124,600
TOTAL:								\$236,200

PROPOSED 5 YEAR RTBR PROGRAM
United City of Yorkville
October 2016

2018 (FY19) STREET REHABILITATION LIST								
STREET	FROM	TO	STRATEGY	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
ELM STREET	MCHUGH ROAD	FREEMONT STREET	MILL & OVERLAY	100	70	61	73	\$59,400
JACKSON STREET	FREEMONT STREET	MARTIN AVENUE	MILL & OVERLAY	100	69	57	69	\$62,700
PARK STREET	MCHUGH ROAD	BRIDGE STREET	MILL & OVERLAY	100	66	64	71	\$125,000
SANDERS COURT	E. MAIN STREET	NORTH END	MILL & OVERLAY	100	46	69	62	\$44,100
SPRING STREET	W. SPRING STREET	QUINSEY ROAD	MILL & OVERLAY	87	74	64	67	\$268,200
WHEATON AVENUE	N. BRIDGE STREET	SHADOW WOOD DRIVE	MILL & OVERLAY	86	82	71	75	\$124,600
TOTAL:								\$684,000

PROPOSED 5 YEAR RTBR PROGRAM
United City of Yorkville
October 2016

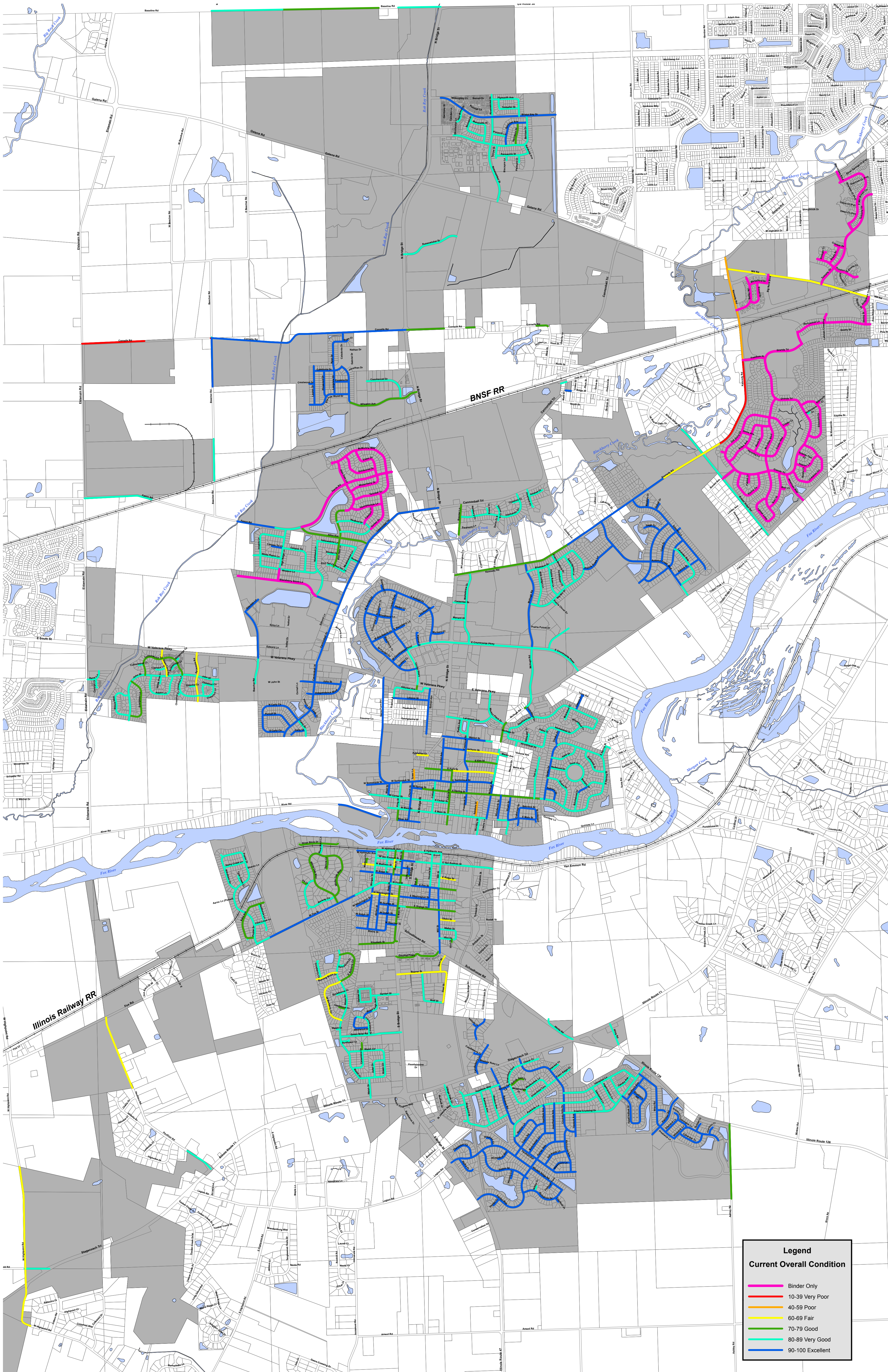
2019 (FY20) STREET REHABILITATION LIST								
STREET	FROM	TO	STRATEGY	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
ALAN DALE LANE	RED TAIL COURT	ALICE AVE	MILL & OVERLAY	81	66	80	64	\$49,400
ALICE AVENUE	CANNONBALL TRAIL	FAXON ROAD	MILL & OVERLAY	85	78	77	76	\$148,400
ELIZABETH STREET	WEST END	S. MAIN STREET	MILL & OVERLAY	100	69	72	78	\$52,500
FOX STREET	EAST END	MILL STREET	MILL & OVERLAY	87	71	82	78	\$35,200
LIBERTY STREET	SOUTH END	E. PARK STREET	MILL & OVERLAY	87	74	83	76	\$79,400
MCHUGH	FARMSTEAD DRIVE	CITY LIMIT	MILL & OVERLAY	100	78	71	76	\$44,300
OLSEN STREET	MILL STREET	EAST END	MILL & OVERLAY	74	61	75	64	\$40,100
ORANGE STREET	MILL STREET	EAST END	MILL & OVERLAY	86	72	71	75	\$36,100
RIDGE STREET	JEFFERSON STREET	S. MAIN STREET	MILL & OVERLAY	100	82	55	76	\$15,100
STATE STREET	W. HYDRAULIC STEET	W. RIDGE STREET	MILL & OVERLAY	100	80	54	73	\$44,100
TOTAL:								\$544,600

PROPOSED 5 YEAR RTBR PROGRAM
United City of Yorkville
October 2016

2020 (FY21) STREET REHABILITATION LIST								
STREET	FROM	TO	STRATEGY	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
APPLETREE COURT	N. BRIDGE STREET	WEST END	MILL & OVERLAY	73	57	80	64	\$26,200
BARBERRY CIRCLE - WEST	WALSH DRIVE	WALSH DRIVE	MILL & OVERLAY	79	65	77	67	\$118,600
BARBERRY CIRCLE - EAST	WALSH DRIVE	WALSH DRIVE	MILL & OVERLAY	85	69	77	76	\$99,300
BEAVER STREET	S. BRIDGE STREET	DEER STREET	MILL & OVERLAY	85	79	72	67	\$81,800
BURNING BUSH DRIVE	WALSH DRIVE	WEST END	MILL & OVERLAY	77	63	77	69	\$44,000
COLONIAL PARKWAY	S. BRIDGE STREET	SCHOOLHOUSE ROAD	MILL & OVERLAY	85	73	74	75	\$90,400
DEER STREET	WOLF STREET	SCHOOLHOUSE ROAD	MILL & OVERLAY	84	71	79	69	\$100,300
TOTAL:								\$560,600

PROPOSED 5 YEAR RTBR PROGRAM
United City of Yorkville
October 2016

2021 (FY22) STREET REHABILITATION LIST								
STREET	FROM	TO	STRATEGY	DEFLECTION CONDITION	DYNAMIC CONDITION	SURFACE CONDITION	CURRENT RANK	COST
COTTONWOOD TRAIL	JOHN STREET	JOHN STREET	MILL & OVERLAY	87	70	80	73	\$126,700
COTTONWOOD COURT	COTTONWOOD TRAIL	WEST END	MILL & OVERLAY	100	80	75	84	\$9,100
DEIHL FARM ROAD	JOHN STREET	W. VETERANS PRKWY	MILL & OVERLAY	84	67	71	64	\$66,900
RIVER BIRCH DR	EAST END	WEST END	MILL & OVERLAY	89	71	80	79	\$9,100
RIVER BIRCH LN	RIVER BIRCH DR	WHITE OAK WAY	MILL & OVERLAY	99	89	73	85	\$19,700
SPRUCE COURT	WEST END	WHITE OAK WAY	MILL & OVERLAY	100	67	65	71	\$26,500
SYCAMORE ROAD	W. VETERANS PRKWY	CITY LIMIT	MILL & OVERLAY	87	70	76	71	\$88,800
WHITE OAK WAY	W. FOX STREET	NOWAY CIRCLE	MILL & OVERLAY	90	75	74	75	\$263,200
TOTAL:								\$610,000



Legend

Current Overall Condition

Binder Only

10-39 Very Poor

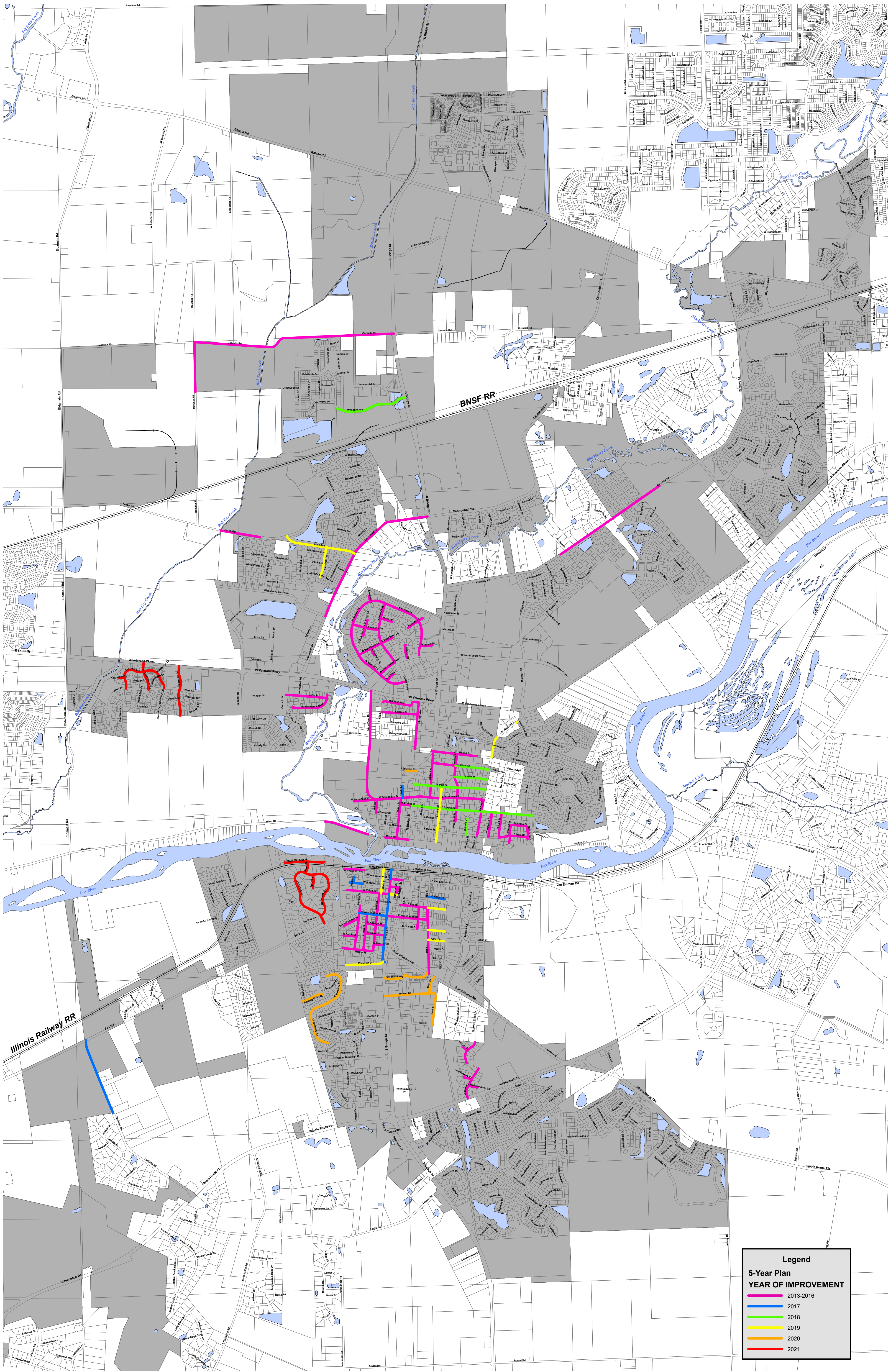
40-59 Poor

60-69 Fair

70-79 Good

80-89 Very Good

90-100 Excellent



Legend

5-Year Plan

YEAR OF IMPROVEMENT

2013-2016

2017

2018

2019

2020

2021

Street Inventory

STREET	FROM	TO	LENGTH	WIDTH	SURFACE CONDITION	DEFLECTION CONDITION	DYNAMIC CONDITION	PAVEMENT RANK
ABERDEEN CT	WHITEKIRK LN	NORTH END	328	26	84	100	80	97
ADAMS ST	W RIDGE ST	W MADISON ST	262	26	77	100	83	84
ADAMS ST	W MADISON ST	W VAN EMMON ST	239	24	86	100	87	87
ADAMS ST	W VAN EMMON ST	W HYDRAULIC AVE	236	24	83	100	72	83
ADRIAN ST	BLAINE ST	W DOLPH ST	551	28	58	100	65	92
ADRIAN ST	W DOLPH ST	W WASHINGTON ST	659	20	49	91	48	92
ALAN DALE LN	RED TAIL CT	ALICE AVE	987	26	80	81	66	64
ALAN DALE LN	ALICE AVE	DS@660N REDBUD DR	1224	25.2	78	91	86	81
ALAN DALE LN	DS@660N REDBUD DR	MCMURTRIE WAY	1965	25	69	89	74	73
ALDEN AVE	OLD GLORY DR	MCLELLAN BLVD	2077	23.4	78	100	81	84
ALICE AVE	CANNONBALL TRL	FAXON RD	2337	32.4	77	85	78	75
ALLEGIANCE CROSSING	MILL RD	SEELEY ST	380	24	75	100	87	85
AMERICAN WAY	GRANDE TRL	SOUTH END	995	28.7	65	94	95	84
AMOS AVE	ALDEN AVE	OLD GLORY DR	321	24	85	100	71	84
ANDERSON CT	W KENDALL DR	NORTH END	220	24	60	100	82	94
ANDREA CT	OVERLOOK CT	NORTH END	531	24	79	90	84	84
APPLETREE CT	N BRIDGE ST	WEST END	387	26	80	73	57	62
ARROWHEAD DR	HEARTLAND DR	HOMESTEAD DR	1384	28	93	92	84	80
ASHLEY RD	SCHOOLHOUSE RD	CITY LIMIT	2554	26	77	85	84	76
ASHWORTH LN	RICHMOND AVE	FAIRFIELD AVE	899	26	92	89	81	94
ASPEN LN	JOHN ST	JOHN ST	1779	24	79	100	87	86
ASTER DR	WALSH CIR	WALSH CIR	880	26.5	83	100	83	86
AUBURN DR	E SPRING ST	OMAHA DR	633	26	95	100	92	91
AUTUMN CREEK BLVD	VETERANS PKWY	LAVENDER WAY	390	36	80	88	87	84
AUTUMN CREEK BLVD	LAVENDER WAY	DS@660N CRIMSON LN	2064	25.6	71	94	92	91
AUTUMN CREEK BLVD	DS@660N CRIMSON LN	KENNEDY RD	1776	26	89	91	84	92
BADGER ST	WOLF ST	BEAVER ST	660	28	83	100	92	88
BADGER ST	WOLF ST	BEAVER ST	272	24	80	100	98	88
BAILEY RD	MILL RD	KENNEDY RD	1292	24.1	67	100	85	81
BALTRUSOL CT	KINGSMILL ST	WEST END	174	26	89	90	88	86
BANBURY AVE	KINGSMILL ST	HAZENLTINE WAY	1162	26.9	92	91	93	88
BARBERRY CIR E	WALSH DR	WALSH DR	1596	26	77	85	69	75
BARBERRY CIR W	WALSH DR	WALSH DR	1907	26	77	79	65	64
BASLINE RD	N BRIDGE ST	CITY LIMIT	1481	24	59	100	88	80
BASLINE RD	CITY LIMIT	DS@3300W CITY LIMIT	3300	24	60	100	84	75
BASLINE RD	DS@3300W CITY LIMIT	CITY LIMIT	2452	24	63	100	91	80
BEAVER ST	S BRIDGE ST	DEER ST	1460	28	72	85	79	64
BEECHER RD	CITY LIMIT	CORNELIS RD	1513	17.1	81	100	97	87
BEECHER RD	CORNELIS RD	CITY LIMIT	1707	16	69	100	66	94
BEECHER RD	JOHN ST	VETERANS PKWY	854	60.8	83	94	98	88
BEECHER RD N	VETERANS PKWY	GILLESPIE LN	1730	56.1	90	100	100	91
BEECHER ST W	STATE ST	S MAIN ST	321	20	64	100	91	97
BEHRENS ST	JOHNSON ST	OAKWOOD ST	538	28	63	100	69	92
BELL ST	E FOX ST	NORTH END	200	28	53	97	95	79
BERESFORD DR	BIG ROCK BLVD	BAILEY RD	594	25.1	75	100	79	83
BERRYWOOD LN	MATLOCK DR	CITY LIMIT	2589	25.9	76	100	83	84
BERTRAM DR	WEST END	BRISTOL BAY DR	3522	26	93	93	89	86
BIG ROCK BLVD	MILL RD	BERESFORD DR	282	25	71	100	87	84
BIRCHWOOD DR	DS@660 BLUEJAY DR	BLUEJAY DR	660	28	92	100	90	89
BIRCHWOOD DR	E SPRING ST	DS@318N E SPRING ST	318	26	92	100	94	91
BIRCHWOOD DR	DS@318N E SPRING ST	E SPRING ST	640	26	92	100	82	88
BISCAYNE LN	PENSACOLA ST	SOUTH END	131	24	87	100	90	88
BISSEL DR	BAILEY RD	BERESFORD DR	660	24	80	86	72	79
BISSEL DR	BAILEY RD	BERESFORD DR	269	24	79	88	75	80
BLACKBERRY CT	W BLACKBERRY LN	SOUTH END	259	22	79	100	76	97
BLACKBERRY LN E	EAST END	W BLACKBERRY LN	449	26	73	100	87	97
BLACKBERRY LN W	CENTER PKWY	WEST END	840	26	76	100	73	97
BLACKBERRY SHORE LN	WEST END	NORTHLAND LN	3021	25.9	92	85	77	82
BLACKBERRY SHORE LN	NORTHLAND LN	CANNONBALL TRL	844	26	91	100	99	91
BLACKHAWK BLVD	E MILL BROOK CIR	GALENA RD	348	26	69	93	91	83
BLAINE ST	STATE ST	WEST END	1020	29.2	59	100	66	94

BLUEBERRY HILL	HAWK HOLLOW DR	GOLDFINCH AVE	456	26	90	100	89	94
BLUEBIRD LN	HAMPTON LN	PRAIRIE CROSSING DR	764	27.1	92	83	78	84
BLUEJAY DR	TAUS CIR	BIRCHWOOD DR	308	26	95	89	73	84
BLUESTEM DR	HAYDEN DR	MCHUGH RD	1726	25.6	92	85	82	84
BOOMER LN	CANNONBALL TRL	SOUTH END	869	20.3	75	93	83	78
BRADY ST	CROOKER DR	SHOEGER DR	646	24	74	100	86	84
BRAEMORE LN	RICHMOND AVE	FAIRFIELD AVE	718	26	94	100	82	94
BRISTOL AVE	E SOMONAUK ST	NORTH END	1457	16	53	100	73	92
BRISTOL BAY DR	CITY LIMIT	WEST END	4101	28.3	93	96	94	91
BRISTOL RIDGE RD	E VETERANS PKWY	DS@660N OAKLAWN AVE	873	42	73	100	97	87
BRISTOL RIDGE RD	DS@660N OAKLAWN AVE	DS@660N LINDEN AVE	1136	40	74	100	99	87
BRISTOL RIDGE RD	DS@660N LINDEN AVE	BRIDGE NEAR CITY LIMIT	2619	33.1	74	100	97	87
BRUELL ST	E SPRING ST	E MAIN ST	798	28	55	100	89	97
BRUELL ST	E MAIN ST	WOODDALE DR	597	28	64	100	87	82
BUCKTHORN CT	WALSH DR	WEST END	341	26	73	100	75	80
BUDD RD	CITY LIMIT	STAGECOACH TRAIL	742	24	85	88	84	84
BURNETT ST	BRISTOL BAY DR	MARQUETTE ST	1152	24.4	92	100	82	87
BURNING BUSH DR	WALSH DR	WEST END	718	25.6	77	77	63	67
BURR CT	BURR ST	EAST END	164	24	83	97	89	87
BURR ST	LYMAN LOOP	GRANDE TRL	1333	24	76	100	84	84
CALEDONIA DR	CORNEILS RD	RYAN CT	298	24	83	100	80	94
CALEDONIA DR	WHEATON AVE	LAUREN DR	1003	25.4	88	100	96	94
CALLANDER TRL	WHITEKIRK LN	WHITEKIRK LN	1040	26	88	100	81	97
CANARY AVE	HAMPTON LN	BLUEBIRD LN	672	26	91	93	90	88
CANDLEBERRY CT	CANDLEBERRY LN	WEST END	305	26	64	100	88	97
CANDLEBERRY LN	STAGECOUCH TRAIL	NORTH END	1049	28	54	100	74	97
CANNONBALL TRL	N BRIDGE ST	AMANDA LN	908	25.9	91	100	94	92
CANNONBALL TRL	AMANDA LN	BLACKBERRY SHORE LN	4270	23.7	58	91	88	94
CANNONBALL TRL	BLACKBERRY SHORE LN	W VETERANS PKWY	2121	37.2	87	100	100	91
CANNONBALL TRL	W VETERANS PKWY	JOHN ST	686	50	75	81	64	97
CANNONBALL TRL	JOHN ST	SOUTH END	2283	27.6	71	87	72	91
CANYON TRAIL CT	HIGH RIDGE LN	WEST END	410	26	87	100	99	91
CANYON TRL	WESTERN LN	HIGH RIDGE LN	1458	26	89	100	90	89
CARLY CIR N	S CARLY CIR	CANNONBALL TRL	1185	26	85	89	77	94
CARLY CIR S	CANNONBALL TRL	N CARLY CIR	574	26	88	97	81	94
CARLY CT	CARLY DR	WEST END	518	24	80	87	70	94
CARLY DR	CANNONBALL TRL	SOUTH END	607	24	87	88	73	82
CAROLYN CT	RENA LN	EAST END	325	26	85	94	89	87
CARPENTER ST	N BRIDGE ST	MARKETVIEW DR	384	32	82	94	76	83
CATALPA TRL	HONEYSUCKLE LN	REDBUD DR	669	24	77	100	84	85
CAULFIELD PT	KENTSHIRE DR	SOUTH END	190	26	79	90	90	94
CENTER PKWY	HILLCREST AVE	W VETERANS PKWY	216	26	74	80	70	71
CENTER PKWY	W VETERANS PKWY	W COUNTRYSIDE PKWY	1263	59.9	67	92	91	80
CENTER PKWY	W COUNTRYSIDE PKWY	W KENDALL DR	2146	26	72	76	57	92
CENTER ST E	LIBERTY ST	COLTON ST	541	26	91	91	89	87
CENTER ST E	COLTON ST	W CENTER ST	390	24	83	97	95	87
CENTER ST W	WEST END	WEST ST	708	24	75	100	90	85
CENTER ST W	WEST ST	E CENTER ST	1164	26	85	95	90	87
CHESHIRE CT	FAIRHAVEN DR	SOUTH END	253	24	78	98	93	87
CHESTNUT CIR	CHESTNUT CIR	NORTH END	164	20	73	100	82	83
CHESTNUT CIR	CHESTNUT LN	CHESTNUT LN	682	22	88	100	87	88
CHESTNUT CT	CHESTNUT LN	SOUTH END	141	26	74	100	82	84
CHESTNUT LN	JOHN ST	JOHN ST	2243	23.8	83	100	82	85
CHURCH ST	W SOMONAUK ST	W SPRING ST	195	24	66	100	79	97
CHURCH ST	W SPRING ST	W RIVER ST	1148	24.7	55	100	69	94
CLAREMONT CT	WINDETT RIDGE RD	WEST END	941	26	92	93	96	94
CLEARWATER DR	E SPRING ST	OMAHA DR	1597	28	95	93	82	85
CLOVER CT	WEST END	GREENFIELD TURN	653	26	92	86	78	81
COACH RD	HARTFIELD AVE	WINDETT RIDGE RD	1568	28	84	100	70	94
COBALT DR	EMERALD LN	NORTH END	213	24	81	94	96	91
CODY CT	CANNONBALL TRL	SOUTH END	305	24	88	100	85	94
COLONIAL PKWY	S BRIDGE ST	SCHOOLHOUSE RD	1507	30	74	85	73	73
COLTON ST	E MAIN ST	E SOMONAUK ST	1082	24	81	89	79	81

COLUMBINE CT	WALSH CIR	NORTH END	321	26	75	100	68	78
COLUMBINE DR	WALSH DR	COLUMBINE CT	883	26.5	78	100	90	87
COMMERCIAL DR	WHEATON AVE	EAST END	1632	27.2	73	91	90	83
CONEFLOWER CT	HAYDEN DR	NORTH END	607	26	97	87	86	87
CONOVER CT N	NORTH END	S CONOVER CT	308	26	53	100	60	94
CONOVER CT S	N CONOVER CT	SOUTH END	328	24	48	100	57	92
CORAL DR	AUTUMN CREEK BLVD	NORTH END	1385	26	80	87	71	91
CORALBERRY CT	BURNING BUSH DR	WEST END	643	26	78	100	88	87
CORNEILS RD	ELDAMAIN RD	BEECHER RD	2249	20	68	100	62	10
CORNEILS RD	BEECHER RD	N BRIDGE ST	6816	19	68	100	80	97
CORNEILS RD	N BRIDGE ST	CITY LIMIT	2185	22.4	61	100	86	78
CORNERSTONE DR	WESTWIND DR	GREEN BRIAR RD	924	28	71	100	58	88
COTTONWOOD CT	COTTONWOOD TRL	WEST END	194	24	75	100	80	83
COTTONWOOD TRL	JOHN ST	JOHN ST	2251	24	80	87	70	71
COUNTRY HILLS DR	TREMONT AVE	PRAIRIE CROSSING DR	872	28	80	100	67	92
COUNTRY HILLS DR	PRAIRIE CROSSING DR	SRAGECOACH TRAIL	2975	27.6	92	100	94	91
COUNTRYSIDE PKWY E	E VETERANS PKWY	DS@834W MCHUGH RD	2690	61.3	89	97	92	88
COUNTRYSIDE PKWY E	DS@834W MCHUGH RD	W COUNTRYSIDE PKWY	1965	56.6	88	100	90	88
COUNTRYSIDE PKWY W	W KENDALL DR	CENTER PKWY	620	26	55	100	44	92
COUNTRYSIDE PKWY W	CENTER PKWY	E COUNTRYSIDE PKWY	1551	52.3	78	100	93	87
CRANSTON CIR	GRANDE TRL	GRANDE TRL	2464	24.5	74	100	79	79
CRESTWOOD DR	LAUREN DR	WEST END	134	24	88	100	84	94
CRIMSON LN	SOUTH END	EMERALD LN	2382	26	80	93	89	91
CRIMSON LN	E COUNTRYSIDE PKWY	NORTH END	994	32	87	88	89	87
CROOKED CREEK DR	SOUTH END	CITY LIMIT	863	26	56	100	68	94
CROOKER DR	TUSCANY TRL	WEST END	374	24	71	100	81	82
CRYDER CT	CRYDER WAY	EAST END	230	24	71	100	93	86
CRYDER WAY	MCLELLAN BLVD	MCLELLAN BLVD	1992	24.7	70	100	82	82
CYPRESS LN	DIEHL FARM RD	WEST END	367	24	80	86	77	81
DAKOTA DR	TUMA RD	HEARTLAND DR	525	30	94	98	96	91
DALTON AVE	LANDMARK AVE	FREEMONT ST	656	26	84	89	86	85
DEER ST	WOLF ST	SCHOOLHOUSE RD	1792	28	79	84	71	67
DEERPATH DR	E SPRING ST	CLEARWATER DR	1103	26	96	88	75	85
DEERPOINT LN	HAMPTON LN	PRAIRIE CROSSING DR	889	26.7	94	88	87	88
DENISE CT	ALAN DALE LN	WEST END	338	24	85	92	93	87
DICKSON CT	NORTH END	SOUTH END	685	25.4	71	100	63	94
DIEHL FARM RD	JOHN ST	W VETERANS PKWY	981	28.5	71	84	67	62
DOLPH ST W	EAST END	MORGAN ST	456	26	66	100	87	97
DOLPH ST W	S MAIN ST	ADRIAN ST	652	24	68	100	72	94
DOVER CT N	NORTH END	FAIRHAVEN DR	380	24	75	100	93	87
DOVER CT S	FAIRHAVEN DR	SOUTH END	200	24	73	100	86	84
DRAYTON CT	WINDETT RIDGE RD	WEST END	397	26	92	95	91	94
DUNBAR CT	WHITEKIRK LN	NORTH END	321	28	86	100	87	97
ELDEN DR	WINTERBERRY DR	MCMURTRIE WAY	1368	24.7	80	89	80	78
ELIZABETH ST	WEST END	S MAIN ST	1267	22	72	100	69	76
ELLSWORTH CT	EAST END	ELLSWORTH DR	144	24	76	100	88	86
ELLSWORTH DR	GRANDE TRL	GRANDE TRL	2126	24.6	71	100	77	76
ELM ST	MCHUGH RD	FREEMONT ST	1077	24	61	100	70	71
EMERALD LN	KENNEDY RD	SOUTH END	3619	26	86	87	79	91
ESSEX CT	FAIRHAVEN DR	NORTH END	230	22	77	91	75	80
EVERGREEN LN	JOHN ST	WILLOW WAY	1684	24	81	100	68	79
FAIRFAX WAY	S BRIDGE ST	DS@338E WINDETT RIDGE	3423	26	74	100	95	94
FAIRFAX WAY	DS@338E WINDETT RIDGE	RICHMOND AVE	1238	26.4	73	100	77	94
FAIRFIELD AVE	COACH RD	EAST END	2162	28	89	89	81	92
FAIRHAVEN DR	BOOMER LN	NEWBURY CT	430	26	79	89	83	82
FAIRHAVEN DR	NEWBURY CT	CANNONBALL TRL	2277	25.8	78	93	90	85
FARMSTEAD DR	MCHUGH RD	HEARTLAND DR	400	30	90	100	98	91
FAWN RIDGE CT	COUNTRY HILLS DR	EAST END	499	26	92	95	92	89
FAXON RD	CITY LIMIT	EDAMAIN RD	2321	17.4	81	100	77	81
FAXON RD	CITY LIMIT	DS@1320E CITY LIMIT	1320	17	67	100	75	97
FAXON RD	DS@1320E CITY LIMIT	ALICE AVE	725	25.6	78	100	96	88
FAXON RD	ALICE AVE	DS@660E ALICE AVE	660	28	72	100	82	83
FAXON RD	DS@660E ALICE AVE	CITY LIMIT	3167	27.9	78	100	88	86

FIR CT	NORWAY CIR	NORTH END	239	26	68	100	76	79
FITZHUGH TURN	WINDETT RIDGE RD	SOUTH END	230	26	75	88	80	94
FLINT CREEK LN	POPLAR DR	REDHORSE LN	338	26	84	100	81	86
FONTANA DR	WHEATON AVE	LONGVIEW DR	466	26	82	94	94	94
FOX ST E	EAST END	MILL ST	574	26	82	87	71	78
FOX ST E	MILL ST	BELL ST	771	20.9	53	85	60	91
FOX ST E	BELL ST	S BRIDGE ST	164	26	67	95	98	94
FOX ST W	S BRIDGE ST	S MAIN ST	390	26	84	100	94	88
FOX ST W	S MAIN ST	WHITE OAK WAY	1621	28	91	100	96	89
FOX ST W	MORGAN ST	DS@2640W WHITE OAK WA	3312	28	92	100	95	91
FOX ST W	DS@2640W WHITE OAK WA	POPLAR DR	489	28	77	100	87	85
FREEDOM PL	KENNEDY RD	GRANDE TRL	738	26.2	75	100	98	88
FREEMONT ST	SOUTH END	ELM ST	1493	26.5	64	100	79	94
FREEMONT ST	ELM ST	JACKSON ST	390	26	49	100	61	92
FREEMONT ST	JACKSON ST	WALNUT ST	384	24	57	100	70	92
FREEMONT ST	WALNUT ST	LANDMARK AVE	643	28	81	100	89	87
GAME FARM RD	VETERANS PKWY	CITY LIMIT	695	26	52	100	93	97
GAME FARM RD	CITY LIMIT	W SOMONAUK ST	2174	24	57	100	80	97
GARDEN CIR	GARDEN ST	GARDEN ST	1563	26	83	100	87	87
GARDEN ST	S BRIDGE ST	GARDEN CIR	938	31.2	84	100	90	88
GARDINER AVE	BERTRAM DR	BERTRAM DR	1335	24	94	100	91	91
GAWNE LN	CITY LIMIT	E MAIN ST	666	10	54	95	87	73
GILLESPIE LN	EAST END	BEECHER RD	590	28	89	100	100	91
GLENEAGLES LN	WHITEKIRK LN	SHETLAND CT	390	28	89	100	88	97
GOLDENROD DR	MCMURTRIE WAY	ELDEN DR	1372	24	84	100	85	87
GOLDFINCH AVE	WREN RD	HAWK HOLLOW DR	941	28	78	91	90	94
GRACE DR	E SPRING ST	OMAHA DR	1368	26	96	96	88	89
GRANDE TRAIL CT	GRANDE TRL	EAST END	243	24	75	90	88	84
GRANDE TRL	SUNSET AVE	MATLOCK DR	8486	26.4	74	87	83	78
GREEN BRIAR RD	WALSH DR	S BRIDGE ST	2107	39.9	73	93	91	82
GREENFIELD TURN	COUNTRY HILLS DR	CLOVER CT	3197	26	92	87	81	80
HALEY CT	HOMESTEAD DR	WEST END	236	24	89	100	87	88
HALF MOON DR	BRISTOL BAY DR	WINCHESTER LN	479	24	88	96	93	88
HAMPTON LN	COUNTRY HILLS DR	PRAIRIE CROSSING DR	2742	26.3	91	93	93	88
HARRISON ST	GARDINER AVE	BERTRAM DR	718	26	95	76	63	78
HARTFIELD AVE	PARKSIDE LN	MANCHESTER LN	929	28	86	100	74	94
HARVEST TRL	COUNTRY HILLS DR	EAST END	328	28	91	91	91	88
HAWK HOLLOW DR	PRAIRIE CROSSING DR	GOLDFINCH AVE	2770	26.5	92	86	73	92
HAWTHORNE CT	WALSH DR	WEST END	272	26	79	81	72	76
HAYDEN DR	MCHUGH RD	BLUESTEM DR	3166	26	93	94	96	89
HAZELTINE WAY	KINGSMILL ST	RAINTREE RD	1286	27.5	90	93	94	88
HEARTHSTONE AVE	FAIRFAX WAY	PARKSIDE LN	1293	28	81	100	89	94
HEARTLAND DR	HOMESTEAD DR	ARROWHEAD DR	3518	27.2	93	90	85	82
HENNING LN	ALDEN AVE	CRYDER WAY	790	24	76	100	85	85
HERITAGE DR	HEARTLAND DR	MCHUGH RD	190	28	89	92	93	88
HEUSTIS ST	E ORANGE ST	E FOX ST	722	16	41	89	53	94
HEUSTIS ST	E FOX ST	E HYDRAULIC AVE	1181	29.4	85	89	85	85
HIGH RIDGE LN	FAXON RD	WESTERN LN	1361	26	85	90	91	87
HIGH RIDGE LN	WESTERN LN	BLACKBERRY SHORE LN	400	26	87	87	83	85
HIGHPOINT RD W	CITY LIMIT	CITY LIMIT	5961	24.5	86	79	66	67
HILLCREST AVE	PRAIRIE LN	SUNSET AVE	1296	23.4	50	100	72	89
HOBBS CT	HOBBS LN	SOUTH END	171	24	71	100	83	83
HOBBS LN	GRANDE TRL	CRANSTON CIR	934	24	76	100	83	84
HOLLENBACK CT	GRANDE TRL	EAST END	167	24	80	100	82	85
HOMESTEAD DR	ARROWHEAD DR	HEARTLAND DR	2654	27.3	93	91	85	82
HONEYSUCKLE LN	ALAN DALE LN	SUMAC DR	1069	24	79	85	76	79
HYDRAULIC AVE E	MILL ST	W HYDRAULIC AVE	843	26	84	83	76	80
HYDRAULIC AVE W	E HYDRAULIC AVE	MORGAN ST	1305	26.1	80	100	94	87
HYDRAULIC AVE W	MORGAN ST	WEST END	653	24	38	100	96	94
IDENTA RD	STAGECOACH TRAIL	CITY LIMIT	1126	29.2	83	100	97	88
ILLINI CT	ILLINI DR	SOUTH END	239	24	66	100	77	78
ILLINI DR	WALTER ST	MILL ST	738	27.6	81	100	81	85
INDEPENDENCE BLVD	CANNONBALL TRL	NORTH END	1191	23.6	74	100	73	97

INDEPENDENCE CT	WEST END	CANNONBALL TRL	236	24	69	100	81	97
INGEMUNSON LN	PRAIRIE CROSSING DR	HAMPTON LN	890	28	95	88	89	88
IROQUOIS LN	WESTERN LN	HIGH RIDGE LN	1887	25.3	91	90	90	87
JACKSON ST	BRISTOL AVE	FREEMONT ST	768	16	58	100	47	91
JACKSON ST	FREEMONT ST	MARTIN AVE	1136	24	57	100	69	67
JEFFERSON ST	W RIDGE ST	W MADISON ST	236	24	54	100	69	92
JOHN ST	INDEPENDENCE BLVD	CORNELL LN	1365	24	72	100	80	97
JOHN ST	SOUTH END	CHESTNUT LN	3159	26	80	100	83	84
JOHN ST	COTTONWOOD TRL	EAST END	1322	27.6	82	100	84	87
JOHNSON ST	BEHRENS ST	SOUTH END	453	36.3	59	100	75	94
KATE DR	CLEARWATER DR	OMAHA DR	1004	26	94	100	86	88
KELLY AVE	POPLAR DR	EAST END	1943	27.5	87	85	70	78
KELLY CT	KELLY AVE	SOUTH END	177	26	74	100	84	84
KENDALL DR E	W COUNTRYSIDE PKWY	CENTER PKWY	2413	26	48	100	86	94
KENDALL DR W	CENTER PKWY	CENTER PKWY	4515	26	46	100	80	94
KENNEDY RD	CITY LIMIT	DS@1320E EMERALD LN	1904	24	71	72	59	94
KENNEDY RD	DS@1320E EMERALD LN	DS@800E BRISTOL RIDGE R	2366	24	73	76	67	62
KENNEDY RD	DS@800E BRISTOL RIDGE R	FREEDOM PL	3072	24	62	57	45	36
KENNEDY RD	FREEDOM PL	GALENA RD	3575	24	59	75	70	53
KENNEDY RD	N BRIDGE ST	DS@660E PRAIRIE MEADOW	4047	37.4	76	84	78	76
KENNEDY RD	DS@660E PRAIRIE MEADOW	CITY LIMIT	1781	25.2	78	82	77	94
KENTSHIRE DR	WINDETT RIDGE RD	WILTON CT	998	26	83	93	95	94
KENTSHIRE DR	CAULFIELD PT	FAIRFAX WAY	571	26	80	81	76	92
KING ST	W RIVER ST	W MAIN ST	374	22	59	100	90	79
KING ST	W MAIN ST	W SOMONAUK ST	915	26.9	63	100	88	81
KINGSMILL CT	KINGSMILL ST	NORTH END	239	26	93	90	90	88
KINGSMILL ST	RAINTREE RD	BALTRUSOL CT	1359	28	93	94	94	89
KINGSMILL ST	BANBURY AVE	HAZELTINE WAY	1039	28	94	100	94	89
LANDMARK AVE	N BRIDGE ST	MARKETPLACE DR	1585	30.2	85	97	95	88
LAUREN DR	NORTH END	CALEDONIA DR	161	24	91	100	91	94
LAUREN DR	CRESTWOOD DR	SHADOW WOOD DR	430	26	92	100	90	94
LAUREN DR	CALEDONIA DR	CRESTWOOD DR	718	26	94	100	87	94
LAVENDER WAY	AUTUMN CREEK BLVD	ORCHID ST	1720	26	72	89	76	89
LEHMAN CROSSING	NORTH END	BERRYWOOD LN	282	24	84	100	81	86
LEISURE ST	PRAIRIE LN	SUNSET AVE	660	24	58	100	83	92
LEISURE ST	PRAIRIE LN	SUNSET AVE	525	24	48	100	64	92
LIBERTY ST	SOUTH END	E SPRING ST	1079	25.5	83	87	74	75
LIBERTY ST	E SPRING ST	E PARK ST	725	24.9	82	81	71	76
LONGVIEW DR	CALEDONIA DR	SHADOW WOOD DR	820	26	87	84	77	94
LYMAN LOOP	MCLELLAN BLVD	MCLELLAN BLVD	1963	22.7	80	100	80	84
MADDEN CT	EMERALD LN	NORTH END	266	24	83	88	79	91
MADISON CT	W MADISON ST	WEST END	184	20	65	100	68	71
MADISON ST W	WEST END	MORGAN ST	406	21.9	52	100	70	62
MADISON ST W	MORGAN ST	S MAIN ST	925	24.6	76	100	90	86
MADISON ST W	S MAIN ST	JEFFERSON ST	253	26	69	100	81	94
MAIN ST E	JOHNSON ST	BRUELL ST	964	30	68	100	80	94
MAIN ST E	BRUELL ST	GAWNE LN	764	30	77	100	80	84
MAIN ST E	MCHUGH RD	DS@660W SANDERS CT	1021	29.3	82	100	79	84
MAIN ST E	DS@660W SANDERS CT	W MAIN ST	1243	29.4	86	100	82	84
MAIN ST S	S BRIDGE ST	W RIDGE ST	2336	23.5	60	100	83	75
MAIN ST S	W RIDGE ST	W VAN EMMON ST	506	25	53	100	86	94
MAIN ST S	W VAN EMMON ST	W HYDRAULIC AVE	331	18	62	100	75	73
MAIN ST W	E MAIN ST	KING ST	777	26	77	100	84	84
MAIN ST W	KING ST	WEST END	305	22	74	100	85	83
MANCHESTER LN	FAIRFIELD AVE	HEARTHSTONE AVE	1227	26.5	86	100	73	94
MARKETPLACE DR	MCHUGH RD	E VETERANS PKWY	1299	30	84	97	97	88
MARKETVIEW DR	KENNEDY RD	E COUNTRYSIDE PKWY	2431	32	86	98	91	88
MARQUETTE ST	BERTRAM DR	BURNETT ST	1109	24	92	96	91	87
MARTIN AVE	CITY LIMIT	JACKSON ST	295	24	83	100	85	86
MATLOCK DR	BERRYWOOD LN	GRANDE TRL	462	26	81	100	79	84
MCHUGH RD	CITY LIMIT	E SOMONAUK ST	1217	30	89	100	95	89
MCHUGH RD	E SOMONAUK ST	E SPRING ST	390	30	74	100	94	92
MCHUGH RD	E SPRING ST	E MAIN ST	837	30	44	100	59	92

MCHUGH RD	KENNEDY RD	E COUNTRYSIDE PKWY	2973	32	83	100	99	91
MCHUGH RD	E COUNTRYSIDE PKWY	FARMSTEAD DR	2127	36	84	100	99	89
MCHUGH RD	FARMSTEAD DR	CITY LIMIT	793	28.7	71	100	78	76
MCLELLAN BLVD	GRANDE TRL	LYMAN LOOP	3598	24.7	74	88	85	79
MCMURTRIE CT	ALAN DALE LN	WEST END	259	26	73	88	73	76
MCMURTRIE WAY	ALAN DALE LN	FAXON RD	2350	24.5	85	90	83	82
MEADOW ROSE LN	CANDLEBERRY LN	EAST END	298	28	56	90	81	97
MEADOWLARK CT	MEADOWLARK LN	WEST END	128	50	86	100	71	78
MEADOWLARK LN	GREENFIELD TURN	GREENFIELD TURN	1273	26	92	100	87	87
MEADOWVIEW LN	YELLOWSTONE LN	RED TAIL LN	889	26	81	100	82	86
MENARD DR	MARKETVIEW DR	N BRIDGE ST	413	26	83	97	87	87
MILL BROOK CIR E	PRESTON DR	WEST END	2768	24.8	75	100	80	80
MILL RD	KENNEDY RD	ALLEGIANCE CROSSING	4960	19.8	62	77	84	62
MILL ST	SCHOOLHOUSE RD	E WASHINGTON ST	1791	23.6	50	100	76	94
MILL ST	E WASHINGTON ST	E FOX ST	403	24	81	100	94	97
MILL ST	E FOX ST	E VAN EMMON ST	856	24	83	100	95	88
MILL ST	E VAN EMMON ST	E HYDRAULIC AVE	358	24	83	100	96	88
MISTWOOD CT	HEARTLAND DR	WEST END	466	28	95	85	79	83
MONTROSE CT	WREN RD	EAST END	325	28	82	100	84	97
MORGAN ST	W HYDRAULIC AVE	W FOX ST	1286	26	77	100	83	83
MORGAN ST	W FOX ST	W DOLPH ST	1047	16	52	96	71	92
MORGAN ST	W DOLPH ST	BLAINE ST	426	30	70	100	89	97
MULHERN CT	E KENDALL DR	EAST END	436	22	70	100	52	94
NADEN CT	CENTER PKWY	EAST END	430	24	68	100	90	97
NEWBURY CT	FAIRHAVEN DR	NORTH END	230	24	72	100	80	82
NORTHLAND LN	BLACKBERRY SHORE LN	YELLOWSTONE LN	1963	25.7	88	89	85	84
NORTON LN	MEADOWVIEW LN	CANNONBALL TRL	276	24	83	92	89	87
NORWAY CIR	WHITE OAK WAY	WHITE OAK WAY	2068	26	77	100	79	83
NORWAY CT	NORWAY CIR	SOUTH END	331	26	94	100	79	87
OAK ST	CANNONBALL TRL	WEST END	200	16	83	90	91	86
OAKWOOD ST	SOUTH END	BEHRENS ST	650	27.1	60	100	81	94
OLD GLORY CT	OLD GLORY DR	NORTH END	174	24	74	85	77	78
OLD GLORY DR	CRYDER WAY	DS@660S CRYDER WAY	660	24	72	100	78	81
OLD GLORY DR	DS@660S CRYDER WAY	SUNSET AVE	2274	24.5	70	100	81	80
OLSEN ST	MILL ST	EAST END	518	28	75	74	61	62
OMAHA DR	CLEARWATER DR	HOMESTEAD DR	518	26	94	97	94	91
OMAHA DR	CLEARWATER DR	E SPRING ST	1938	27.5	95	97	93	91
ORANGE ST E	W ORANGE ST	MILL ST	1115	27.4	81	83	74	78
ORANGE ST E	MILL ST	EAST END	564	28	71	86	72	73
ORANGE ST W	ADRIAN ST	STATE ST	298	22	70	100	55	92
ORANGE ST W	STATE ST	S MAIN ST	335	22	51	100	64	91
ORANGE ST W	S MAIN ST	E ORANGE ST	305	28	75	100	92	86
ORCHID ST	EMERALD LN	CRIMSON LN	2104	26	77	89	81	91
OVERLOOK CT	CANNONBALL TRL	SOUTH END	614	26	82	100	83	86
PALMER CT	W COUNTRYSIDE PKWY	NORTH END	492	26	84	100	90	97
PARK ST E	MCHUGH RD	LIBERTY ST	1457	26	59	100	67	67
PARK ST E	LIBERTY ST	N BRIDGE ST	918	18	70	100	65	71
PARKSIDE LN	DEERPOINT LN	WARBLER LN	3482	28	94	96	95	89
PARKSIDE LN	WARBLER LN	COACH RD	472	28	71	82	78	94
PATRICK CT	CANNONBALL TRL	WEST END	269	24	80	100	86	94
PATRIOT CT	GRANDE TRL	SOUTH END	312	24	84	100	81	86
PAVILLION RD	FOX RD	SOUTH CITY LIMIT	2570	26	65	97	67	64
PAVILLION RD	NORTH CITY LIMIT	IL RT 71	660	26	77	100	93	87
PAVILLION RD	NORTH CITY LIMIT	IL RT 71	361	26	71	100	100	87
PENMAN RD	SOUTH END	SCHOOLHOUSE RD	1503	30	86	86	91	97
PENSACOLA ST	TAMPA DR	SARASOTA AVE	1089	25.1	92	81	77	82
PHELPS CT	WEST END	FAIRFAX WAY	312	26	78	95	90	94
PIERPONT LN	ROSENWINKEL ST	GARDINER AVE	466	26	96	95	90	89
PINEWOOD DR	SHADOW WOOD DR	CALEDONIA DR	899	26	83	84	82	94
PLEASANT CT	PENSACOLA ST	SOUTH END	272	24	88	86	87	87
PLYMOUTH AVE	ROSENWINKEL ST	BRISTOL BAY DR	1463	24	93	92	92	88
POPLAR DR	WEST FOX ST	WINDHAM CIR	3704	27	86	91	85	84
POWERS CT	W KENDALL DR	NORTH END	335	26	44	100	69	92

PRAIRE GRASS LN	AUTUMN CREEK BLVD	HAYDEN DR	1329	26	88	83	77	92
PRAIRIE CLOVER DR	HAYDEN DR	EAST END	161	26	88	90	90	87
PRAIRIE CROSSING DR	COUNTRY HILLS DR	EAST END	3452	31.8	93	94	93	89
PRAIRIE LN	HILLCREST AVE	LEISURE ST	331	24	77	100	76	82
PRAIRIE MEADOWS DR	KENNEDY RD	BLUESTEM DR	236	26	83	91	91	87
PRAIRIE ROSE LN	BLUESTEM DR	HAYDEN DR	1080	26	97	86	83	87
PRESTON DR	TUSCANY LN	E MILL BROOK CIR	259	26	74	100	84	84
PRESTON DR	TUSCANY TAIL	EAST END	905	24.5	65	100	76	73
PRESTWICK LN	PENMAN RD	WHITEKIRK LN	636	28	80	90	90	97
PURCELL ST	CANNONBALL TRL	N CARLY CIR	515	26	87	100	89	94
RAINTREE RD	STAGECOACH TRAIL	PARKSIDE LN	2093	28	94	96	98	91
RED TAIL CT	EAST END	ALAN DALE LN	259	24	81	100	91	87
RED TAIL LN	RED TAIL CT	MEADOWVIEW LN	384	26	81	100	84	86
REDBUD DR	ALAN DALE LN	SUMAC DR	1218	24	88	89	82	84
REDHORSE LN	KELLY AVE	SOUTH END	968	27.3	93	100	85	88
REDWOOD DR	TAUS CIR	OMAHA DR	558	28	94	91	86	87
RENA LN	ELDAMAIN RD	NORTH END	541	25.8	88	92	86	87
RICHMOND AVE	FAIRFIELD AVE	COUNTRY HILLS DR	1515	27	87	100	84	94
RIDGE ST	MAIN ST	CITY LIMIT	203	16	94	100	100	91
RIDGE ST E	EAST END	MILL ST	512	22	47	100	83	69
RIDGE ST W	JEFFERSON ST	S MAIN ST	239	28	55	100	82	75
RIDGE ST W	S MAIN ST	STATE ST	279	16	44	100	82	97
RIDGE ST W	STATE ST	EAST END	1072	19.9	54	100	73	94
RIVER BIRCH DR	EAST END	WEST END	1413	26	80	89	71	79
RIVER BIRCH LN	RIVER BIRCH DR	WHITE OAK WAY	374	26	73	99	89	85
RIVER ST W	CITY LIMIT	KING ST	148	26	70	100	91	92
RIVER ST W	KING ST	S BRIDGE ST	761	24	52	100	65	92
ROOD ST	ALDEN AVE	HENNING LN	660	24	88	100	77	86
ROOD ST	ALDEN AVE	HENNING LN	276	24	89	100	85	88
ROSEWINKEL ST	GALENA RD	NORTH END	3711	28.2	92	88	84	84
ROSEWINKEL ST	N BRIDGE ST	EAST END	1933	26	93	100	91	89
RYAN CT	SOUTH END	CALEDONIA DR	207	24	75	89	87	94
RYAN DR	CALEDONIA DR	CALEDONIA DR	1296	25	85	89	85	94
SAGE CT	CRIMSON LN	WEST END	620	26	93	93	91	92
SANDERS CT	E MAIN ST	NORTH END	581	28	69	100	46	59
SARASOTA AVE	BERTRAM DR	PENSACOLA ST	331	24	90	79	76	82
SARAVANOS DR	TOMMY HUGHES WAY	NORTH END	968	29.4	89	85	84	86
SEELEY ST	ALLEGIANCE CROSSING	BERRYWOOD LN	607	26	82	100	84	87
SEQUOIA CIR	EAST END	SYCAMORE RD	239	24	75	100	82	84
SHADOW WOOD DR	WEST END	WHEATON AVE	1512	25	89	85	77	92
SHETLAND CT	SHETLAND LN	NORTH END	341	26	85	100	80	97
SHETLAND LN	SHETLAND CT	PRESTWICK LN	558	26	89	100	93	97
SHOEGER CT	SHOEGER DR	NORTH END	512	22	66	100	82	80
SHOEGER DR	WEST END	PRESTON DR	662	24.5	73	100	86	83
SIENNA DR	EMERALD LN	AUTUMN CREEK BLVD	997	26	73	100	88	91
SOMONAUK ST E	MCHUGH RD	COLTON ST	1963	24	46	100	83	92
SOMONAUK ST E	COLTON ST	W SOMONAUK ST	380	22	71	100	91	94
SOMONAUK ST W	E SOMONAUK ST	WEST ST	1201	23.3	60	100	90	97
SOMONAUK ST W	WEST ST	WEST END	837	16	46	100	74	97
SPICEBUSH CT	WALSH DR	EAST END	216	26	77	100	85	85
SPRING ST E	W SPRING ST	MCHUGH RD	2332	28.8	69	100	79	76
SPRING ST E	MCHUGH RD	QUINSEY RD	1709	27.8	58	96	91	78
SPRING ST E	QUINSEY RD	TUMA RD	4131	26.4	94	95	88	88
SPRING ST W	CHURCH ST	E SPRING ST	390	13	45	100	82	97
SPRUCE CT	WEST END	WHITE OAK WAY	489	26	65	100	67	71
SQUIRE CIR	GRANDE TRL	GRANDE TRL	1864	24	88	100	84	87
STATE ST	W HYDRAULIC AVE	W VAN EMMON ST	312	24	53	100	83	73
STATE ST	W VAN EMMON ST	W MADISON ST	249	26	45	100	82	67
STATE ST	W MADISON ST	W RIDGE ST	256	26	61	100	77	75
STATE ST	W RIDGE ST	W BEECHER ST	1706	23.6	61	94	70	92
STATE ST	W BEECHER ST	BLAINE ST	236	30	63	100	77	97
STILLWATER CT	WEST END	ARROWHEAD DR	338	26	95	87	73	80
STONERIDGE CIR	COTTONWOOD TRL	EAST END	144	24	72	100	78	81

STONERIDGE CT	NORTH END	COTTONWOOD TRL	295	24	77	94	94	87
STONY CREEK LN	POPLAR DR	WINDHAM CIR	708	28	85	100	85	87
STRAWBERRY LN	WEST END	W KENDALL DR	866	26	47	100	74	94
SUMAC DR	TWINLEAF TRL	REDBUD DR	1379	25	76	100	83	83
SUMAC DR	REDBUD DR	ALAN DALE LN	1122	24.8	89	86	77	84
SUNFLOWER CT	WALSH DR	EAST END	321	26	73	100	78	82
SUNNY DELL CT	WEST END	GREENFIELD TURN	577	26	89	85	72	76
SUNNY DELL LN	GREENFIELD TURN	RAINTREE	321	28	87	100	100	91
SUNSET AVE	HILLCREST AVE	SOUTH END	1538	23.5	57	100	88	94
SUNSET AVE	BRISTOL RIDGE RD	GRANDE TRL	489	27.9	75	100	100	88
SUTTON ST	SOUTH END	WINDETT RIDGE RD	2149	26	92	83	77	94
SWITCHGRASS LN	BLUESTEM DR	HAYDEN DR	955	26	95	87	88	87
SYCAMORE RD	W VETERANS PKWY	CITY LIMIT	1650	26.9	76	87	70	69
TAMPA DR	BERTRAM DR	SOUTH END	380	24	92	97	92	88
TAUS CIR	REDWOOD DR	REDWOOD DR	1847	26	97	100	79	88
TERI LN	SOUTH END	E SPRING ST	1441	24	68	100	81	81
TIMBALIER ST	PLYMOUTH AVE	PLYMOUTH AVE	958	24	91	87	83	85
TOMMY HUGHES WAY	S BRIDGE ST	STAGECOACH TRAIL	843	26	49	84	82	64
TOWER LN	EAST END	W SOMONAUK ST	380	24	62	100	41	53
TREMONT AVE	PRAIRIE CROSSING DR	SOUTH END	790	28	87	100	79	94
TRILLIUM CT	EAST END	CROOKED CREEK DR	203	26	54	100	80	94
TUMA RD	CITY LIMIT	SPRING ST	164	24	87	100	85	87
TUMA RD	CITY LIMIT	CITY LIMIT	121	26	92	100	96	91
TUSCANY TRL	MILL RD	CITY LIMIT	3728	26	72	100	87	84
TWINLEAF TRL	ALAN DALE LN	MCMURTRIE WAY	1776	24.7	79	100	85	85
TYLER CREEK CT	SOUTH END	POPLAR DR	325	28	83	100	82	86
VAN EMMON ST E	CITY LIMIT	BENJAMIN ST	400	30	88	89	90	87
VAN EMMON ST E	BENJAMIN ST	HEUSTIS ST	1796	30	86	86	77	80
VAN EMMON ST E	HEUSTIS ST	S BRIDGE ST	587	48	77	100	91	87
VAN EMMON ST W	BRIDGE	S MAIN ST	426	30	69	100	84	94
VAN EMMON ST W	S MAIN ST	MORGAN ST	925	20.2	76	100	92	85
VILLAGE VIEW DR	STAGECOACH TRAIL	KINGSMILL ST	1206	28	91	100	87	87
WACKER DR	ARROWHEAD DR	CITY LIMIT	180	26	81	92	92	87
WALNUT ST	N BRIDGE ST	DS@660E FREEMONT ST	1484	24	76	74	62	91
WALNUT ST	DS@660E FREEMONT ST	CITY LIMIT	203	24	97	100	51	80
WALSH CIR	WALSH DR	ASTER DR	1136	27.2	83	100	81	86
WALSH CIR	COLUMBINE CT	WALSH DR	1457	27.2	86	100	81	86
WALSH CT	EAST END	WALSH DR	128	70	68	100	84	82
WALSH DR	STAGECOACH TRAIL	NORTH END	5674	30.3	76	100	88	84
WALTER ST	ILLINI DR	MILL ST	626	28	79	100	88	87
WARBLER LN	COACH RD	PARKSIDE LN	660	28	85	100	62	92
WARBLER LN	COACH RD	PARKSIDE LN	443	26	91	100	87	94
WASHINGTON ST E	W WASHINGTON ST	MILL ST	1033	14.4	68	80	57	91
WASHINGTON ST E	MILL ST	EAST END	561	26	81	91	85	84
WASHINGTON ST W	EAST END	MORGAN ST	577	16	53	100	52	92
WASHINGTON ST W	MORGAN ST	S MAIN ST	912	16	57	100	67	62
WASHINGTON ST W	S MAIN ST	E WASHINGTON ST	338	16	50	100	82	94
WAVERLY CIR	EAST END	SUTTON ST	328	26	87	99	97	94
WEST ST	W SOMONAUK ST	W CENTER ST	449	24	63	100	71	97
WESTERN LN	NORTHLAND LN	IROQUOIS LN	1992	25.5	86	100	88	87
WESTON AVE	KINGSMILL ST	HAZELTINE WAY	1086	28	93	91	88	86
WESTWIND DR	CORNERSTONE DR	CORNERSTONE DR	824	28	74	100	70	91
WHEATLAND CT	SOUTH END	HOMESTEAD DR	203	24	87	86	82	84
WHEATON AVE	CALEDONIA DR	DS@315S SHADOW WOOD	1316	25.1	87	88	82	94
WHEATON AVE	DS@315S SHADOW WOOD	N BRIDGE RD	2366	28.5	71	86	82	73
WHITE OAK WAY	W FOX ST	NORWAY CIR	4568	26.1	74	90	75	75
WHITE PINE CT	NORTH END	JOHN ST	295	24	80	100	82	85
WHITE PLAINS LN	HIGH RIDGE LN	EAST END	925	26	89	86	84	86
WHITEKIRK LN	PRESTWICK LN	EAST END	1814	27.2	92	100	82	97
WILD INDIGO LN	BLUESTEM DR	HAYDEN DR	1277	26	96	90	94	89
WILLOW WAY	JOHN ST	EVERGREEN LN	1550	24	83	100	71	81
WILTON CT	KENTSHIRE DR	EAST END	190	26	65	100	81	80
WINDETT RIDGE RD	S BRIDGE ST	KENTSHIRE DR	4407	27.4	87	91	85	94

WINDHAM CIR	POPLAR DR	POPLAR DR	1916	27.6	84	92	83	84
WINDHAM CT	WINDHAM CIR	NORTH END	272	26	77	93	92	86
WING RD	STAGECOACH TRAIL	CITY LIMIT	1004	10	67	100	87	82
WINTERBERRY DR	ALAN DALE LN	FAXON RD	1211	24	75	88	82	81
WINTERTHUR GRN	WINDETT RIDGE RD	SOUTH END	485	26	88	88	83	94
WOLF ST	DEER ST	BADGER ST	646	28	84	95	93	88
WOOD SAGE AVE	CORNERSTONE DR	DS@660S CORNERSTONE D	660	26	75	100	38	89
WOOD SAGE AVE	DS@660S CORNERSTONE D	GARDEN ST	335	26	75	100	82	91
WOODWORTH ST	E SPRING ST	E MAIN ST	814	28	52	89	73	92
WORSLEY ST	E MAIN ST	SOUTH END	397	13	72	100	81	81
WREN RD	PRAIRIE CROSSING DR	DS@660S GOLDFINCH AVE	844	28	84	100	97	94
WREN RD	DS@660S GOLDFINCH AVE	PENMAN RD	1276	28	89	100	83	97
WYTHE PL	WINDETT RIDGE RD	SOUTH END	699	28	89	94	93	94
YELLOWSTONE LN	NORTHLAND LN	MEADOWVIEW LN	1326	26	81	85	78	81



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 checked="" type="checkbox"/>

Agenda Item Number

NB #3

Tracking Number

PW 2016-76

Agenda Item Summary Memo

Title: 2017 Road to Better Roads Program – Professional Services Agreement

Meeting and Date: Public Works Committee – November 15, 2016

Synopsis: Please see attached.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:

Have a question or comment about this agenda item?
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tweet us at @CityofYorkville, and/or contact any of your elected officials at http://www.yorkville.il.us/gov_officials.php



Memorandum

To: City Council
From: Bart Olson, City Administrator
CC:
Date: November 9, 2016
Subject: Road to Better Roads 2017

Summary

Review of the 2017 Road to Better Roads plan and a design and construction engineering contract with EEI.

Background

This item was last discussed as part of the FY 17 budget proposal. At that time, the City Council had reviewed a five-year proposal that included the following streets:

Pavilion Rd, Elizabeth St, S Main St, W Washington St, Mill St, State St, W Madison St, Madison Ct

All of those streets are covered in the current proposal provided by EEI and Director Dhuse, except for Elizabeth St, which is currently recommended as an alternate. Provided we receive favorable bids again, we would recommend all \$236,000 worth of alternates be added for 2017.

In the FY 17 budget, the City only had \$550,000 in pavement projects identified for the FY 18 budget year. We are recommending \$658,000 worth of primary projects and \$236,000 worth of alternates, as we think the FY 18 budget proposal could have as much as \$1,000,000 in pavement projects available for the 2017 construction season (FY 18). These numbers are still being looked at for the FY 18 budget proposal, and I would not expect them to be finalized until January when the budget is released. In the meantime, we do recommend that the City Council endorse the 2017 project list and the corresponding engineering contract. After the list is endorsed and the engineering contract approved, staff would put the projects out to bid and would review the results against the most up-to-date budget figures.

The one item of moderate discussion expected is on the parking lots. While there is no life-cycle efficiency achieved from replacing them this year, we felt the school district's proposal to redo the entire parking lot was a good opportunity for City staff to save time managing a minor project. With one parking lot on the list, we felt it was a good idea to knock off a few more parking lots – which is why we recommend doing the Public Works Tower Lane lot and sealing other lots throughout the City. The aggregate value of all of these lots is around \$250,000, and we've posed them against the four alternate streets in case the City Council would prefer to continue to focus on streets instead of parking lots. Again – as I mentioned above we expect to have a sizable budget for pavement projects in 2018 and it's possible we'll be able to fund all parking lots and alternate streets without an issue.

The engineering contract with EEI is in the second agenda item for the Road to Better Roads project. The proposal is for ~\$33,000 for design engineering and ~\$43,000 for construction engineering. These estimates are covered in the budget and staff recommends approval of the contract.

Recommendation

Staff recommends approval of the five-year Road to Better Roads plan as illustrated in the attached map and charts, and approval of the professional services agreement with EEI for design and construction engineering.

**2017 Road Program
United City of Yorkville, Kendall County, IL
Professional Services Agreement - Design and Construction Engineering**

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

A. Services:

ENGINEER agrees to furnish to the City the following services: The ENGINEER shall provide any and all necessary engineering services to the City as indicated on the included Attachment A. Design engineering for all roadways indicated on Attachment D will be provided; additionally construction engineering will be provided for all roadways on Attachment D that can be included without exceeding the approved 2017 Roadway Program budget. All Engineering will be in accordance with all City and Illinois Department of Transportation requirements.

B. Term:

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

C. Compensation and maximum amounts due to ENGINEER:

ENGINEER shall receive as compensation for all work and services to be performed herein, an amount based on the Estimate of Level of Effort and Associated Cost included in Attachment B. Design Engineering will be paid for as a Lump Sum in the amount of \$32,694.00 and Construction Engineering will be paid for hourly at the actual rates for services to be performed, currently estimated at \$42,470.00. The hourly rates for this project are shown in the attached 2016 Standard Schedule of Charges. All payments will be made according to the Illinois State Prompt Payment Act and not less than once every thirty days.

For outside services provided by other firms or subconsultants, the City shall pay the ENGINEER the invoiced fee to the ENGINEER, plus 0%. Such outside services include, but are not limited to services to be provided by Rubino Engineering, Inc.

D. Changes in Rates of Compensation:

In the event that this contract is designated in Section B hereof as an Ongoing Contract, ENGINEER, on or before February 1st of any given year, shall provide written notice of

any change in the rates specified in Section C hereof (or on any attachments hereto) and said changes shall only be effective on and after May 1st of that same year.

E. Ownership of Records and Documents:

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

F. Governing Law:

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

G. Independent Contractor:

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

H. Certifications:

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

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

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of \$600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship

Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

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

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

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

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

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

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

U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

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

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

I. Indemnification:

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

J. Insurance:

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

K. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attachments. Except for those terms included on the attachments, no additional terms are included as a

part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any manner other than by an agreement in writing signed by both parties. In the event that any provisions of this agreement shall be held to be invalid or unenforceable, the remaining provisions shall be valid and binding on the parties. The list of attachments are as follows:

Attachment A:	Scope of Services
Attachment B:	Estimated Level of Effort and Associated Cost
Attachment C:	Anticipated Project Schedule
Attachment D:	Location Map
Attachment E:	2016 Standard Schedule of Charges

L. Notices:

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

For the City:

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

For the ENGINEER:

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

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

Agreed to this ____ day of _____, 2016.

United City of Yorkville:

Engineering Enterprises, Inc.:

Gary Golinski
Mayor

Brad Sanderson, P.E.
Vice President

Beth Warren
City Clerk

Angie Smith
Executive Assistant

**2017 RTBR Program
United City of Yorkville
Kendall County, IL
Professional Services Agreement - Design and Construction Engineering**

Attachment A – Scope of Services

Design Engineering:

- Process required documents with the Illinois Department of Transportation for Motor Fuel Tax Projects including:
 - BLR14230 - Resolution
 - BLR14231 – Municipal Estimate of Maintenance Costs
 - BLR11510 - Preliminary Estimate of Cost
- Coordinate and develop with City Staff the final scope of improvements
- Obtain, review and inventory existing utility, roadway, right-of-way, ownership, soil data, etc.
- Obtain utility information to identify potential conflicts
- Obtain geotechnical site data, consisting of pavement cores taken every 300-500 feet, as necessary. Confirm pavement design and rehabilitation methodology.
- Prepare MFT General Maintenance Section bid package, and ancillary documents, including:
 - BLR12200 – Local Public Agency Formal Contract Proposal
 - BLR12200 A – Schedule of Prices
 - BLR12230 - Bid Bond Form
 - BLR12325 - Apprenticeship Certification
 - BC57 - Affidavit of Availability
 - BLR11310 – Special Provisions
 - BLR12326 – Affidavit of Illinois Business Office
 - Index for Supplemental Specifications and Recurring Special Provisions
 - Check Sheet for Recurring Special Provisions
 - Special Provisions
 - Bureau of Design and Environment Special Provisions/Check sheets
 - Local Roads Special Provisions
 - District Special Provisions
 - Location Map
 - City Provisions & Details
 - Existing/Proposed Typical Sections
 - Highway Standards
 - Prevailing Wage
 - BLR14232 – Municipal Maintenance Operations
- Coordinate IDOT and City review, including revisions and approval
- Prepare preliminary and final cost estimates
- Assist in bidding, contractor/bid evaluations, contract preparation and additional contract administration as required; facilitate IDOT approval of Contract
- Attend public meetings with Staff to review design progress
- Provide all bid packages in 8 ½” x 11½” format
- Provide planning/design/construction schedule and frequent updates regarding any potential items affecting the schedule

*2017 RTBR Program
United City of Yorkville
Professional Services Agreement
Design and Construction Engineering
Attachment A - Scope of Services*

Construction Engineering:

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



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

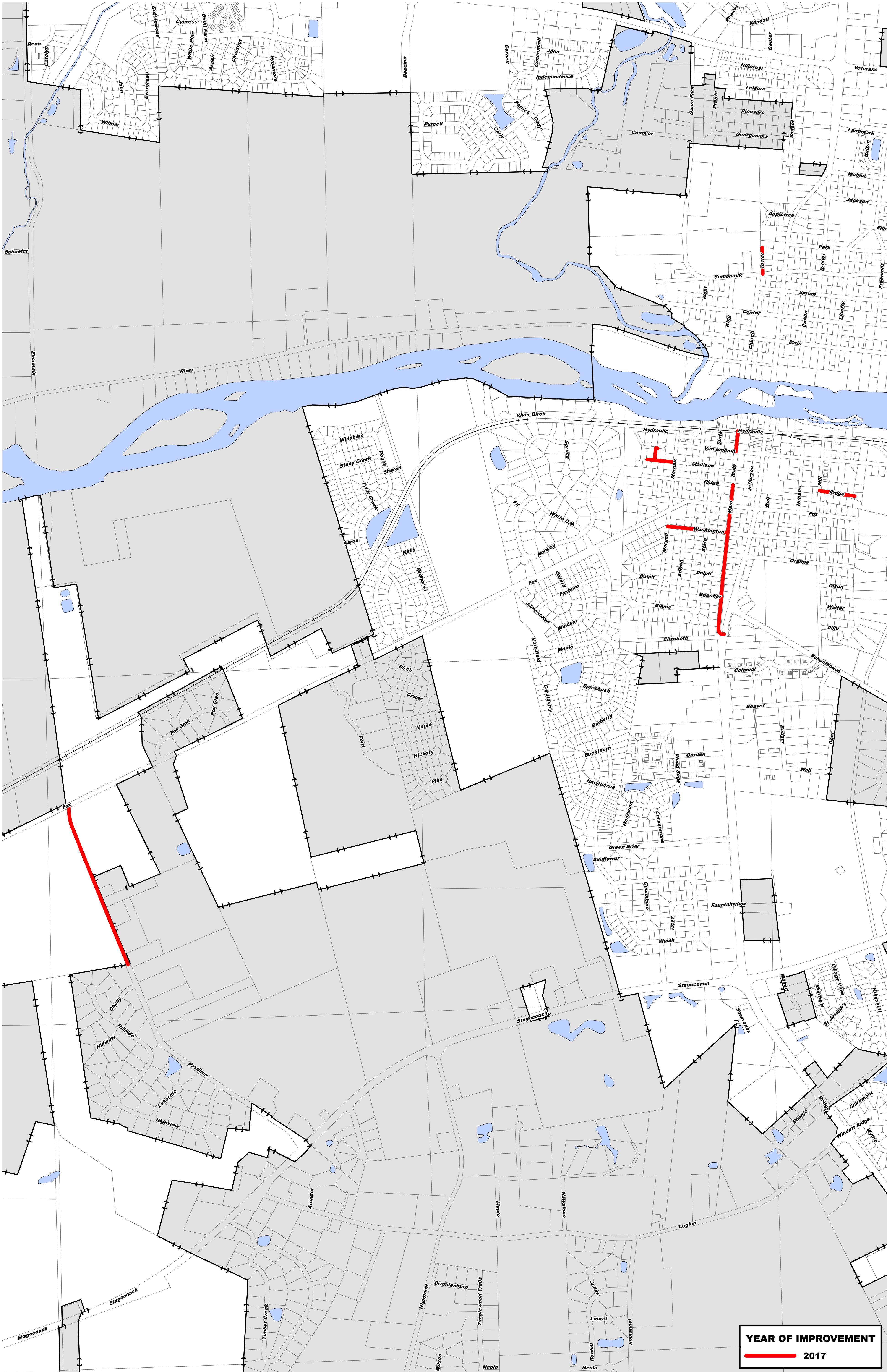
2017 RTBR PROGRAM
United City of Yorkville, IL

WORK ITEM NO.	WORK ITEM	ENTITY:	ENGINEERING				SURVEYING			DRAFTING		ADMIN.	WORK ITEM HOUR SUMM.	COST PER ITEM
		PROJECT ROLE:	PRINCIPAL IN CHARGE	PROJECT MANAGER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	PROJECT MANAGER	SENIOR PROJECT SURVEYOR I	PROJECT TECHNICIAN	CAD MANAGER	SENIOR PROJECT TECHNICIAN	ADMIN.		
		HOURLY RATE:	\$185	\$163	\$141	\$129	\$163	\$141	\$117	\$163	\$129	\$78		
FINAL ENGINEERING														
2.1	Project Management and Administration		6	14									20	\$ 3,392
2.2	Project Meetings		6	8	4								18	\$ 2,978
2.3	Geotechnical Investigation (Coordination, Field Work, Review Report)			4	4	4							8	\$ 1,216
2.4	Analyze/Finalize Roadway Rehabilitation Methods			4	4								8	\$ 1,216
2.5	Site Review, Identification of Required Improvements			4	20							2	26	\$ 3,628
2.6	Prepare Pre-Final Bid Package/Exhibits- 50%		2	4	20						10		36	\$ 5,132
2.7	Prepare Pre-Final Bid Package/Exhibits - 90%			4	28						10		42	\$ 5,890
2.8	Prepare Engineer's Opinion of Probable Construction Cost - 90%			4	8								12	\$ 1,780
2.9	Submit Bid Package for IDOT Review			2	4								6	\$ 890
2.10	Revise and Resubmit Bid Package for IDOT Approval/Advertisement			4	18						10		32	\$ 4,480
2.11	Bidding and Contracting			4	8							4	16	\$ 2,092
Final Engineering Subtotal:			14	56	118	-	-	-	-	-	30	6	224	\$ 32,694
CONSTRUCTION ENGINEERING														
3.1	Contract Administration		4	16		16							36	\$ 5,412
3.2	Construction Layout			6		48							54	\$ 7,170
3.3	Observation and Documentation		8	16		200							224	\$ 29,888
Construction Engineering Subtotal:			12	38	-	264	-	-	-	-	-	-	314	\$ 42,470
PROJECT TOTAL:			26	94	118	264	-	-	-	-	30	6	538	\$ 75,164

DIRECT EXPENSES	
Printing =	-
Supplies & Misc. =	\$ -
Geotechnical (Rubino) =	\$ 2,500
Material Testing (Rubino) =	\$ 7,500
DIRECT EXPENSES =	\$ 10,000

LABOR SUMMARY	
Engineering Expenses =	\$ 70,826
Surveying Expenses =	\$ -
Drafting Expenses =	\$ 3,870
Administrative Expenses =	\$ 468
TOTAL LABOR EXPENSES =	\$ 75,164
TOTAL EXPENSES =	\$ 85,164

\\Mikkyway\EEL\Storage\Public\Yorkville\2016\YO1616-C 2017 Road Program\PSA\Attachment B - Fee Estimate.xlsx\Fee Summary



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

United City of Yorkville
800 Game Farm Road
Yorkville, IL 60560

DATE:	OCTOBER 2016
PROJECT NO.:	YO1616
BY:	MIT
PATH:	H:\GIS\PUBLIC\YORKVILLE\2016\YO1616
FILE:	101616 PAVING 2017.MXD

LOCATION MAP
UNITED CITY OF YORKVILLE, ILLINOIS

EXHIBIT A





Standard Schedule of Charges

January 1, 2016

EMPLOYEE DESIGNATION	CLASSIFICATION	HOURLY RATE
Senior Principal	E-4	\$190.00
Principal	E-3	\$185.00
Senior Project Manager	E-2	\$180.00
Project Manager	E-1	\$163.00
Senior Project Engineer/Planner/Surveyor II	P-6	\$150.00
Senior Project Engineer/Planner/Surveyor I	P-5	\$141.00
Project Engineer/Planner/Surveyor	P-4	\$129.00
Senior Engineer/Planner/Surveyor	P-3	\$117.00
Engineer/Planner/Surveyor	P-2	\$108.00
Associate Engineer/Planner/Surveyor	P-1	\$ 97.00
Senior Project Technician II	T-6	\$141.00
Senior Project Technician I	T-5	\$129.00
Project Technician	T-4	\$117.00
Senior Technician	T-3	\$108.00
Technician	T-2	\$ 97.00
Associate Technician	T-1	\$ 84.00
Engineering/Land Surveying Intern	I-1	\$ 80.00
GIS Technician	G-1	\$ 65.00
Administrative Assistant	A-3	\$ 78.00

CREW RATES, VEHICLES AND REPROGRAPHICS

1 Man Field Crew with Standard Survey Equipment	\$153.00
2 Man Field Crew with Standard Survey Equipment	\$240.00
1 Man Field Crew with RTS or GPS *	\$190.00
2 Man Field Crew with RTS or GPS *	\$276.00
Vehicle for Construction Observation	\$15.00
In-House Scanning and Reproduction	\$0.25/Sq. Ft. (Black & White) \$1.00/Sq. Ft. (Color)

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



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

Agenda Item Number

NB #4

Tracking Number

PW 2016-77

Agenda Item Summary Memo

Title: Mill Street LAFO

Meeting and Date: Public Works Committee – November 15, 2016

Synopsis: Consideration of Authorization No. 2

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Consideration of Approval

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:



Memorandum

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

Date: October 25, 2016
Subject: Mill Street LAFO – Authorization No. 2

The purpose of this memo is to present Authorization No. 2 for the above referenced project.

An authorization, as defined by IDOT, is the written approval of a contract change and the written directive to the contractor to perform said work. By this definition, it alters the contract work from that awarded under the competitive bidding process. An Authorization of Contract Changes signed by the Regional Engineer signifies completed review of and support for the change proposed.

Background:

The State of Illinois and “D” Construction Inc. entered into an agreement for a contract value of \$157,730.33 for the above referenced project. Construction began on June 20, 2016 and is substantially complete.

The construction costs are being funded by STP funds (federal) and local funds. The maximum federal participation amount is \$187,125.00, inclusive of all change orders (authorizations) associated with this contract.

Questions Presented:

Should the City approve Authorization No. 2 in the amount of \$(29,769.48)?

Discussion:

Authorization No. 2 is the final balancing authorization that addresses the project line items. Line item quantities are estimated during the design of the project and adjusted during construction. We anticipate that this will be the final authorization.

The net change to date for authorizations is \$(34,269.48), which is a 21.73% decrease to the original contract value bringing a revised contract value to date of \$123,460.85.

We have attached IDOT form BC-22 for Authorization No. 2 for your information. All authorizations have a pre-approval from the IDOT District 3 Local Agency Bureau of Construction Engineer.

We are recommending approval of the Authorization.

Action Required:

Consideration of approval from the City Council for Authorization No. 2.



<input checked="" type="checkbox"/> Contract Adjustment	<input checked="" type="checkbox"/> FHWA-Exempt
<input type="checkbox"/> Change Order	<input type="checkbox"/> Non-Exempt
<input checked="" type="checkbox"/> Consultant	<input type="checkbox"/> Major Change
<input type="checkbox"/> InHouse	<input checked="" type="checkbox"/> Minor Change

Date: 10/13/2016
County: Kendall
Section: 15-00049-00-RS
Route: FAU 2517
District: 03
Contract: 87634
Job No.: C9300216
Project No.: M-4003(577)

Consultant's Name: Engineering Enterprises, Inc.

Contractor: D Construction, Inc.
Address: 1488 South Broadway
Coal City IL 60416-

The following change from the plans in the construction of the above designated section of highway improvement is authorized and directed. The estimated quantities are shown below at the awarded contract prices except as indicated. The first addition of an item not in the original contract under the fund type or county is indicated by an asterisk.

Item No.	*	Cat	Pay Item	Unit	Quantity	Unit Price	A/D	Addition	Deduction
			FAS ID: M23EU01						
			CCS Code 0930005						
25000210		33	SEEDING CL 2A	ACRE	0.090	11,385.0000	A	\$1,024.65	\$0.00
25000400		33	NITROGEN FERT NUTR	POUND	5.000	11.0000	A	\$55.00	\$0.00
25000500		33	PHOSPHORUS FERT NUTR	POUND	5.000	11.0000	A	\$55.00	\$0.00
25000600		33	POTASSIUM FERT NUTR	POUND	5.000	11.0000	A	\$55.00	\$0.00
25100125		33	MULCH METHOD 3	ACRE	0.090	15,400.0000	A	\$1,386.00	\$0.00
40600275		33	BIT MATLS PR CT	POUND	3,629.000	0.0100	D	\$0.00	\$36.29
40600982		33	HMA SURF REM BUTT JT	SQ YD	769.000	0.0100	D	\$0.00	\$7.69
40600990		33	TEMPORARY RAMP	SQ YD	80.000	0.0100	D	\$0.00	\$0.80

Project Location:

Description and Reason: Changes per as-built quantities measured in the field.

Determination: (G1) The undersigned determine that the change is germane to the original contract as signed, because provision for this work is included in the original contract.

THE STATE OF ILLINOIS
By the Department of Transportation

Randall S. Blankenhorn, Secretary Date

Jeff Heck, Chief Fiscal Officer, Director of F&A Date

William M. Barnes, Chief Counsel Date

Date Regional Engineer

Supervisor: Joe Spika

Date Engineer of Construction

Resident: Bart Olson

Date Director of Highways PI/Chief Engineer

Supervisor Date

Resident Date

FHWA Acceptable to Proceed: ☐ Yes ☐ No

FHWA Participation: ☐ Yes ☐ No

Print Date: 10/17/2016

FHWA Representative Date
BC22 (rev. 08/16)



<input checked="" type="checkbox"/> Contract Adjustment	<input checked="" type="checkbox"/> FHWA-Exempt
<input type="checkbox"/> Change Order	<input type="checkbox"/> Non-Exempt
<input checked="" type="checkbox"/> Consultant	<input type="checkbox"/> Major Change
<input type="checkbox"/> InHouse	<input checked="" type="checkbox"/> Minor Change

Date: 10/13/2016
County: Kendall
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Item No.	*	Cat	Pay Item	Unit	Quantity	Unit Price	A/D	Addition	Deduction
40603080		33	HMA BC IL-19.0 N50	TON	90.000	58.0000	D	\$0.00	\$5,220.00
40603310		33	HMA SC "C" N50	TON	105.000	63.0000	A	\$6,615.00	\$0.00
40800050		33	INCIDENTAL HMA SURF	TON	85.000	75.0000	D	\$0.00	\$6,375.00
42400200		33	PC CONC SIDEWALK 5	SQ FT	711.000	5.7500	D	\$0.00	\$4,088.25
42400300		33	PC CONC SIDEWALK 6	SQ FT	25.000	6.5000	D	\$0.00	\$162.50
42400800		33	DETECTABLE WARNINGS	SQ FT	54.000	25.0000	D	\$0.00	\$1,350.00
44000200		33	DRIVE PAVEMENT REM	SQ YD	49.000	12.0000	A	\$588.00	\$0.00
44000500		33	COMB CURB GUTTER REM	FOOT	88.000	10.0000	A	\$880.00	\$0.00
44000600		33	SIDEWALK REM	SQ FT	630.000	2.0000	D	\$0.00	\$1,260.00

Project Location:

Description and Reason: Changes per as-built quantities measured in the field.

Determination: (G1) The undersigned determine that the change is germane to the original contract as signed, because provision for this work is included in the original contract.

THE STATE OF ILLINOIS
By the Department of Transportation

Randall S. Blankenhorn, Secretary Date

Jeff Heck, Chief Fiscal Officer, Director of F&A Date

William M. Barnes, Chief Counsel Date

Date Regional Engineer

Supervisor: Joe Spika

Date Engineer of Construction

Resident: Bart Olson

Date Director of Highways PI/Chief Engineer

Supervisor Date

Resident Date

FHWA Acceptable to Proceed: ☐ Yes ☐ No

FHWA Participation: ☐ Yes ☐ No

Print Date: 10/17/2016

FHWA Representative Date
BC22 (rev. 08/16)



<input checked="" type="checkbox"/> Contract Adjustment	<input checked="" type="checkbox"/> FHWA-Exempt
<input type="checkbox"/> Change Order	<input type="checkbox"/> Non-Exempt
<input checked="" type="checkbox"/> Consultant	<input type="checkbox"/> Major Change
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Date: 10/13/2016
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Coal City IL 60416-

The following change from the plans in the construction of the above designated section of highway improvement is authorized and directed. The estimated quantities are shown below at the awarded contract prices except as indicated. The first addition of an item not in the original contract under the fund type or county is indicated by an asterisk.

Item No.	*	Cat	Pay Item	Unit	Quantity	Unit Price	A/D	Addition	Deduction
44201690		33	CL D PATCH T1 4	SQ YD	50.000	40.0000	D	\$0.00	\$2,000.00
44201692		33	CL D PATCH T2 4	SQ YD	36.000	40.0000	D	\$0.00	\$1,440.00
44201694		33	CL D PATCH T3 4	SQ YD	100.000	40.0000	D	\$0.00	\$4,000.00
44201696		33	CL D PATCH T4 4	SQ YD	300.000	30.0000	D	\$0.00	\$9,000.00
45100100		33	CRACK ROUTING (PAVT)	FOOT	72.000	15.0000	A	\$1,080.00	\$0.00
45100200		33	CRACK FILLING	POUND	10.000	15.0000	D	\$0.00	\$150.00
48102100		33	AGG WEDGE SHLD TYPE B	TON	6.000	50.0000	D	\$0.00	\$300.00
60255500		33	MAN ADJUST	EACH	2.000	500.0000	D	\$0.00	\$1,000.00
60265700		33	VV ADJUST	EACH	3.000	325.0000	D	\$0.00	\$975.00

Project Location:

Description and Reason: Changes per as-built quantities measured in the field.

Determination: (G1) The undersigned determine that the change is germane to the original contract as signed, because provision for this work is included in the original contract.

THE STATE OF ILLINOIS
By the Department of Transportation

Randall S. Blankenhorn, Secretary Date

Jeff Heck, Chief Fiscal Officer, Director of F&A Date

William M. Barnes, Chief Counsel Date

Date Regional Engineer

Supervisor: Joe Spika

Date Engineer of Construction

Resident: Bart Olson

Date Director of Highways PI/Chief Engineer

Supervisor Date

Resident Date

FHWA Acceptable to Proceed: ☐ Yes ☐ No

FHWA Participation: ☐ Yes ☐ No

Print Date: 10/17/2016

FHWA Representative Date
BC22 (rev. 08/16)



<input checked="" type="checkbox"/> Contract Adjustment	<input checked="" type="checkbox"/> FHWA-Exempt
<input type="checkbox"/> Change Order	<input type="checkbox"/> Non-Exempt
<input checked="" type="checkbox"/> Consultant	<input type="checkbox"/> Major Change
<input type="checkbox"/> InHouse	<input checked="" type="checkbox"/> Minor Change

Date: 10/13/2016
County: Kendall
Section: 15-00049-00-RS
Route: FAU 2517
District: 03
Contract: 87634
Job No.: C9300216
Project No.: M-4003(577)

Consultant's Name: Engineering Enterprises, Inc.

Contractor: D Construction, Inc.
Address: 1488 South Broadway
Coal City IL 60416-

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Item No.	*	Cat	Pay Item	Unit	Quantity	Unit Price	A/D	Addition	Deduction
60266600		33	VALVE BOX ADJ	EACH	2.000	150.0000	D	\$0.00	\$300.00
60603800		33	COMB CC&G TB6.12	FOOT	49.000	28.0000	A	\$1,372.00	\$0.00
70300100		33	SHORT TERM PAVT MKING	FOOT	100.000	1.0000	D	\$0.00	\$100.00
70301000		33	WORK ZONE PAVT MK REM	SQ FT	35.000	10.0000	D	\$0.00	\$350.00
78000400		33	THPL PVT MK LINE 6	FOOT	11.000	3.3000	D	\$0.00	\$36.30
78000650		33	THPL PVT MK LINE 24	FOOT	9.000	13.2000	D	\$0.00	\$118.80
X2110100		33	TOPSOIL F & P SPL	CU YD	5.000	110.0000	A	\$550.00	\$0.00
X4401198		33	HMA SURF REM VAR DP	SQ YD	17.000	3.5000	D	\$0.00	\$59.50
X6026050		33	SANITARY MANHOLE ADJ	EACH	3.000	1,000.0000	D	\$0.00	\$3,000.00

Project Location:

Description and Reason: Changes per as-built quantities measured in the field.

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Item No.	*	Cat	Pay Item	Unit	Quantity	Unit Price	A/D	Addition	Deduction
X6040205		33	FRAMES & LIDS SPECIAL	EACH	6.000	350.0000	D	\$0.00	\$2,100.00
Amount of Original Contract: \$157,730.33								Totals: \$13,660.65	\$43,430.13
Net Change To Date: (\$34,269.48) Percent Change: -21.73%								Net Change: -29,769.48	

Project Location:

Description and Reason: Changes per as-built quantities measured in the field.

Determination: (G1) The undersigned determine that the change is germane to the original contract as signed, because provision for this work is included in the original contract.

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