



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, April 19, 2016
6:00 p.m.
 City Hall Conference Room
 800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval: March 15, 2016

New Business:

1. PW 2016-21 Presentation by Leopardo Energy
2. PW 2016-22 Route 47 and Main Street – Pedestrian Crossing – Highway Permit and Resolution
3. PW 2016-23 Church Street Water Main – Bid Award
4. PW 2016-24 Blackberry Woods Completion of Improvements – Bid Award
5. PW 2016-25 Countryside Water Main and Roadway Improvements – Change Order No. 1
6. PW 2016-26 2016 Road to Better Roads Program – Additional Work
7. PW 2016-27 Capital Improvement Project Update
8. PW 2016-28 Bond/LOC Reduction Summary

Old Business:

1. PW 2015-45 E-Waste Recycling
2. PW 2015-55 Crosswalk Pedestrian Signage
3. PW 2015-56 Maintenance of Stormwater Management Facilities - Update

Additional Business:

2015/2016 City Council Goals – Public Works Committee		
Goal	Priority	Staff
“Countryside Infrastructure”	4	Eric Dhuse & Brad Sanderson
“Vehicle Replacement”	5	Eric Dhuse
“Capital Infrastructure”	7	Bart Olson & Eric Dhuse
“Road Study (Update & Refresh)”	9	Eric Dhuse & Brad Sanderson
“Sidewalk Plan Funding”	18	Bart Olson & Rob Fredrickson

UNITED CITY OF YORKVILLE
WORKSHEET
PUBLIC WORKS COMMITTEE
Tuesday, April 19, 2016
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. March 15, 2016
 - Approved _____
 - As presented
 - With corrections

NEW BUSINESS:

1. PW 2016-21 Presentation by Leopardo Energy
 - Moved forward to CC _____ consent agenda? Y N
 - Approved by Committee _____
 - Bring back to Committee _____
 - Informational Item
 - Notes _____
-
-

2. PW 2016-22 Route 47 and Main Street – Pedestrian Crossing – Highway Permit and Resolution

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

3. PW 2016-23 Church Street Water Main – Bid Award

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

4. PW 2016-24 Blackberry Woods Completion of Improvements – Bid Award

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

5. PW 2016-25 Countryside Water Main and Roadway Improvements – Change Order No. 1

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

6. PW 2016-26 2016 Road to Better Roads Program – Additional Work

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

7. PW 2016-27 Capital Improvement Project Update

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

8. PW 2016-28 Bond/LOC Reduction Summary

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

OLD BUSINESS:

1. PW 2015-45 E-Waste Recycling

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

2. PW 2015-55 Crosswalk Pedestrian Signage

Moved forward to CC _____ consent agenda? Y N

Approved by Committee _____

Bring back to Committee _____

Informational Item

Notes _____

3. PW 2015-56 Maintenance of Stormwater Management Facilities - Update

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 – March 15, 2016

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

**UNITED CITY OF YORKVILLE
PUBLIC WORKS COMMITTEE
Tuesday, March 15, 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
Engineer Brad Sanderson, EEI

Other Guests: None

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

Citizen Comments: None

Previous Meeting Minutes: February 16, 2016

The minutes were approved as presented.

New Business:

1. PW 2016-13 Countryside Water Main and Roadway Improvements – Bid Award

Mr. Sanderson reported bids were taken on March 3rd and 7 favorable bids were received. Geneva Construction was the low bidder at \$4,306,188.03 with 2 alternate bids. This amount was substantially below estimates. Alderman Kot asked for an explanation of “alternate” bids. If favorable bids were received, the City would add in other projects as well. As a result, it was recommended to add Blackberry Lane, Blackberry Court and Mulberry Court for improvements. There are still 4 streets not scheduled for improvements under the original bid, but will be recommended for repair under a Change Order or separate bid according to Mr. Olson. These roads are passable, however, they would have been scheduled in the next road improvements. Repair for the additional 4 streets is estimated at \$400,000 to \$420,000. There will be roughly \$300,000 left that could be used for the Road to Better Roads project. Most watermain will also be replaced. Bond proceeds will cover part of the costs of the overall project. Mr. Olson will send a spreadsheet detailing the funding sources.

The low bids in the last 2 years are due to timing, early bidding and the fact that contractors need work. Lower fuel prices influence asphalt prices as they are running 10-15% below normal. This item moves to the consent agenda.

2. PW 2016-14 2016 Road to Better Roads Program – Bid Award

Bids were taken at the end of February and were below estimate. D Construction was low bidder at \$515,056.39 which was recommended for approval. Since the bids were low, Alderman Kot asked if other projects would be added such as the alley between State and Main. That will be postponed until next year, but part of Fremont and Walnut will be repaired and reimbursement will be requested from Heartland Meadows. A Change Order will be brought to the next meeting. This item moves to the consent agenda.

3. PW 2016-15 Mill Street LAFO – IDOT Bid Review

The bidding and contracting for this project is handled by IDOT and Mr. Sanderson said D Construction was the low bidder at \$157,730.33, lower than estimated. This project will start in June and be finished in August. It extends from Rt. 126 to Washington St. Mr. Dhuse said there is an additional block south of Fox St. that should be added for improvements. He will work with EEI for a Change Order. Mr. Sanderson said there are some limitations since it is a federal job. It was noted by Alderman Funkhouser that all the LAFO funds should be used, or the funds are lost. EEI will attend a pre-construction meeting with IDOT for the project kick-off. This item is informational.

4. PW 2016-16 MFT General Maintenance Appropriation Resolution for FY 2017

5. PW 2016-17 Hot Mix and Cold Patch MFT FY 2017-RFP - Award

These 2 items were discussed together. Mr. Dhuse recommended D Construction since they were the low bidder. The total estimated cost is \$257,650. He also reduced the amount of salt ordered as well. These items move to the consent agenda.

6. PW 2016-18 Well No. 8 Rehabilitation – Change Order No. 2

This is a balancing Change Order for an increase of \$1,567.00 to close out the project since the work is now complete. This amount is below contract and approval is recommended. The Change Order moves to the consent agenda.

7. PW 2016-19 Kendall County Transportation Alternative Program (KC-TAP) – Route 47 Sidewalks

Mr. Olson said the County has given \$35,000 to the City for sidewalks and it will be used to pay expenses already incurred on the Rt. 47 project. The City can reapply for additional funds next year. This moves to the Council consent agenda.

8. PW 2016-20 Windett Ridge Traffic Control Requests

a. Fairfax Way and Windett Ridge Intersection

b. Claremont Court and Windett Ridge Road Intersection

Mr. Sanderson said there were 2 requests for stop controls at these intersections due to sight distance issues. Stop signs are recommended for both. Alderman Koch said there is heavy school traffic there and it is warranted. This moves to the Council consent agenda.

Old Business:

1. PW 2015-45 E-Waste Recycling

Mr. Dhuse said there is no further update at this time, but he will keep working with the recyclers. Ms. Milschewski noted there is an upcoming shredding event at First National Bank. Events such as this will be placed on Facebook in the future.

2. PW 2016-04 Countryside Subdivision Water Main and Roadway Improvements

Mr. Olson referred to the packet maps that show the plans for the improvements. He said the roundabout idea was discarded at this time to take advantage of LAFO funds which allow other funds to be used throughout the City. He noted the cost of the roundabout was 1.5 times more money. All committee members agreed with this decision. A letter to the Council of Mayors will be submitted to request this project be moved forward.

Alderman Kot asked if a press release will be issued to inform residents when the project begins. An updated packet of information will be sent to the residents in April following a meeting with the construction company. Information will also be placed on social media.

Additional Business:

Alderman Koch asked to have reflective paint on the curbs at the 2 entrances to Windett Ridge. He said it is difficult to see the curb at night. If warranted, Mr. Olson said the City will ask Cal Atlantic to make modifications. Mr. Koch also said Walsh is in bad condition—it will be repaired.

Alderman Kot requested an update on the Rt. 47 streetlights. The lights have been delayed by IDOT, but are expected to be approved soon. A brief explanation of the obstacles was given. Chairman Funkhouser said it is unacceptable that this has not been finished and asked how this project could be swiftly concluded. He asked for email updates as information is obtained.

The flashing beacons for Rt. 47 were also discussed. Approval is expected soon from IDOT and then the lights will be ordered.

Alderman Kot asked about unresolved issues at the YBSD. Mr. Olson said they are moving forward for upgrades to the plant to increase capacity. Officials from YBSD said they might be interested in doing other targeted improvements, but they would need to do studies first. He added there is no longer discussion of any mergers with Fox Metro, however, they are looking for an executive director prior to the retirement of Mr. Collman.

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 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

NB #1

Tracking Number

PW 2016-21

Agenda Item Summary Memo

Title: Presentation by Leopardo Energy

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Bart Olson Administration
Name Department

Agenda Item Notes:



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 2016-22

Agenda Item Summary Memo

Title: Rt 47 and Main Street – Pedestrian Crossing

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Consideration of Resolution

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: April 8, 2016
Subject: Rt 47 and Main Street – Pedestrian Crossing

As directed by the Public Works Committee, we have applied for a permit through IDOT to install pedestrian crossing enhancements along Rt 47 at Main Street. IDOT has determined that the plans are acceptable and they have issued a draft permit to the City for execution (see attached).

One of the requirements to obtain the permit is that City approve the attached resolution. In addition, IDOT will be requiring a \$1,000 bond for assurances that the enhancements will be constructed correctly.

We are recommending approval of the resolution. If you have any questions, please let me know.

RESOLUTION

WHEREAS, the city of Yorkville is located in the county of Kendall, state of Illinois, wishes to install flashing beacon assemblies and blinking signs along IL 47 which by law comes under the jurisdiction and control of the Department of Transportation of the state of Illinois, and

WHEREAS, a permit from said department is required before said work can be legally undertaken by said city of Yorkville; now

THEREFORE, be it resolved by the city of Yorkville, county of Kendall, state of Illinois.

FIRST: That we do hereby request from the Department of Transportation, state of Illinois, a permit authorizing the city of Yorkville to proceed with the work herein described and as shown on enclosed detailed plans.

SECOND: Upon completion of the flashing beacon assemblies and blinking signs by the contractor and acceptance by the city, the city guarantees that all work has been performed in accordance with the conditions of the permit to be granted by the Department of Transportation of the state of Illinois.

Further, the city will hold the state of Illinois harmless for any damages that may occur to persons or property during such work.

The city will require the contractor to obtain a bond and a comprehensive general liability insurance policy in acceptable amounts and will require the contractor to add the State of Illinois as an additional insured on both policies.

THIRD: That we hereby state that the proposed work is, ~~is not~~, (~~delete one~~) to be performed by the employees of the city of Yorkville.

FOURTH: That the proper officers of the city of Yorkville are hereby instructed and authorized to sign said permit in behalf of the city of Yorkville.

I, _____, hereby certify the above to be a
City Clerk

true copy of the resolution passed by the City Council of the city of Yorkville, county of Kendall, State of Illinois.

Dated this _____ day of _____ A.D. 2016

(Signature)

(CORPORATE SEAL)

RESOLUTION



Highway Permit

District Serial No. _____

Whereas, I (We) United City of Yorkville . 800 Game Farm Road
(Name of Applicant) (Mailing Address)

Yorkville IL 60560 hereinafter termed the Applicant,
(City) (State)

request permission and authority to do certain work herein described on the right-of-way of the State Highway known as IL Route 47 , Section _____ , from Station * _____ to Station _____ , Kendall _____ County. The work is described in detail on the attached plan or sketch and/or as follows:

*LOCATED NORTH OF AND SOUTH OF MAIN STREET

Upon approval this permit authorizes the applicant to locate, construct, operate and maintain at the above mentioned location, rectangular, rapid flashing beacon assemblies and solar crossing blinker signs as shown on the attached plans which become a part hereof.

The United City of Yorkville will be responsible for the RRFB system and for the LED border blinking pedestrian crossing signs.

The applicant shall notify Adam Rue, Field Engineer, Phone: 630-553-7337 or the District Permit Section, Phone: 815-434-8490 twenty-four hours in advance of starting any work covered by this permit.

The state right of way shall be left in good condition. (No advertising matter shall be placed on the state right of way).

All turf areas which are disturbed during the course of this work shall be restored to the original line and grade and be promptly seeded in accordance with Standard State Specifications.

All work authorized by this permit shall be completed 180 days after the date this permit is approved, otherwise the permit becomes null and void.

This permit is subject to the conditions and restrictions printed on the reverse side of this sheet.

This permit is hereby accepted and its provisions agreed to this _____ day of _____ , _____

Witness _____

Signed _____

Engineering Enterprises, Inc., 52 Wheeler Road
Mailing Address

United City of Yorkville, 800 Game Farm Road
Mailing Address

Sugar Grove IL
City State

Yorkville IL
City State

SIGN AND RETURN TO: Regional Engineer _____

Approved this _____ day of _____ , _____

Department of Transportation

BY: _____
Regional Engineer

First: The Applicant represents and warrants that he/she is the party in interest respecting this Permit and that he/she is the agent in fact with authority to bind all parties in interest to the obligations and undertakings agreed to in this Permit. The Applicant represents and warrants that the property lines shown on the attached plan sheet(s) or sketch are true and correct, and that all proposed work is accurately depicted thereon.

Second: The proposed work shall be located and constructed to the satisfaction of the Regional Engineer or his/her duly authorized representative. No revisions or additions shall be made to the proposed work on the right-of-way without the written permission of the Regional Engineer. The Applicant agrees to complete all work to the standards and specifications identified by the Regional Engineer or his/her authorized representative as a condition of granting this Permit. The Applicant agrees to furnish all labor, equipment and material, and do all work and pay all costs associated with the work authorized by this Permit. The Applicant agrees to restore any and all damaged portions of the highway right-of-way to the condition satisfactory to the Regional Engineer or his/her authorized representative including, but not limited to, all landscape restoration. The Applicant shall not trim, cut or in any way disturb any trees or shrubbery along the highway without the approval of the Regional Engineer or his/her duly authorized representative. Any and all documents, writings and notes reflecting or identifying the standards, specifications, understandings and conditions applicable to the performance of the permitted work required by the Regional Engineer or his/her authorized representative are hereby incorporated into this Permit by reference as though fully set forth herein.

Third: The Applicant shall at all times conduct the work in such a manner as to minimize hazards to vehicular and pedestrian traffic. Traffic controls and work site protection shall be in accordance with the applicable requirements of Part 6 (Temporary Traffic Control) of the Illinois Manual on Uniform Traffic Control Devices and with the traffic control plan if one is required elsewhere in the permit. All signs, barricades, flaggers, etc., required for traffic control shall be furnished by the Applicant. The work may be done on any day except Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. Work shall be done only during daylight hours.

Fourth: The work performed by the Applicant is for the bona fide purpose expressed and not for the purpose of, nor will it result in, the parking or servicing of vehicles on the highway right-of-way. Signs located on or overhanging the right-of-way shall be prohibited.

Fifth: The Applicant shall engage in only the proposed work approved herein, and subject to the hazards incident to such activities, assumes all risks associated therewith. The Applicant assumes full and strict liability for the actions of itself, all parties in interest, its agents and employees, contractors, subcontractors and consultants. The Applicant and all parties in interest shall save, defend, hold harmless and indemnify the State of Illinois and each of its officers, agents, employees, invitees and others associated with it from and against any and all suits, claims, actions, losses, injuries, damages, judgments and expenses that are based on, or that arise or are alleged to have arisen out of the performance of the work approved herein, including, but not limited to, any act, willful or intended, or negligence of the Applicant and any party in interest, its agents and employees, contractors, subcontractors and consultants whether at law, in equity or common law. In the event the Applicant or any party in interest fails, neglects, or refuses to comply with any provision of this indemnity, the State of Illinois may take any action necessary to protect itself from liability, including any action to pay, settle, compromise and procure the discharge thereof, in which case the Applicant or any party in interest, jointly and severally, shall be liable and bound unto the State of Illinois for any and all expenses related thereto, including attorney's fees.

Sixth: The State reserves the right to make such changes, additions, repairs and relocations within its statutory limits to the facilities constructed under this permit or their appurtenances on the right-of-way as may at any time be considered necessary to permit the relocation, reconstruction, widening or maintaining of the highway and/or provide proper protection to life and property on or adjacent to the State right-of-way. However, in the event this permit is granted to construct, locate, operate and maintain utility facilities on the State right-of-way, the Applicant, upon written request by the Regional Engineer, shall perform such alterations or change of location of the facilities, without expense to the State, and should the Applicant fail to make satisfactory arrangements to comply with this request within a reasonable time, the State reserves the right to make such alterations or change of location or remove the work, and the Applicant agrees to pay for the cost incurred.

Seventh: This permit is effective only insofar as the Department has jurisdiction and does not presume to release the Applicant from compliance with the provisions of any existing statutes or local regulations relating to the construction of such work.

Eighth: The Construction of access driveways is subject to the regulations listed in the "Policy on Permits for Access Driveways to State Highways." If, in the future, the land use of property served by an access driveway described and constructed in accordance with this permit changes so as to require a higher driveway type as defined in that policy, the owner shall apply for a new permit and bear the costs for such revisions as may be required to conform to the regulations listed in the policy. Utility installations shall be subject to the "Policy on the Accommodation of Utilities on Right-of-Way of the Illinois State Highway System."

Ninth: If the work covered by this permit includes construction of additional lanes, turn lanes, median cross-overs or traffic signals on, along or adjacent to a highway under Department jurisdiction, the permittee shall use only contractor(s) approved by the Department of Transportation for the performance of said work on the State highway. A contractor currently prequalified by the Department in the work rating governing the said work shall be approved. Prior to the commencement of the said work on the State highway, the applicant shall furnish the Regional Engineer a copy of the contractor's current Certificate of Eligibility, or, if the permittee proposes to use a contractor not currently prequalified by the Department, information satisfactory to the Department evidencing the contractor's qualification and ability to perform the said work. No work on the State highway shall be performed until the Department issues an approval of the proposed contractor.

SPECIAL PROVISIONS

Whenever any of the work under this permit involves any obstruction or hazard to the free flow of traffic in the normal traffic lanes, plans for the proposed method of traffic control must be submitted to and approved by the Regional Engineer at least 72 hours, and preferably longer, before the start of work.

All traffic control shall be in accordance with the State of Illinois Manual of Uniform Traffic Control Devices and amendments thereof. It should be noted that standards and typical placement of devices shown in the Uniform Manual are minimums. Many locations may require additional or supplemental devices.

The petitioner agrees to furnish the necessary barricades, lights, and flagmen for the protection of traffic.

Traffic shall be maintained at all times.

The applicant agrees to notify the Department of Transportation upon completion of work covered under the terms and conditions of this permit so that a final inspection and acceptance can be made.

To avoid any revisions to the work completed under the highway permit, the applicant should insure the conditions and restrictions of this permit, the applicable supplemental permit specifications and permit drawing are fully understood.

If this permit work is contracted out, it will be the responsibility of the applicant to furnish the contractor with a copy of this highway permit, as the applicant will be responsible for the contractor's work.

A copy of approved permit shall be present on job site at all times the work is in progress.

The department reserves the right to reject or accept any contractor hired by the applicant.

To ensure the fulfillment of the obligations assumed by the applicant, this permit is bonded by the _____ in the amount of one thousand (\$1,000.00) dollars for a period of five years after the date of approval.

All excavations shall be promptly backfilled, thoroughly tamped and any excess material removed from the state right of way (including rock exposed during backfilling operations). Mounding or crowning of backfill will not be permitted.

All material or equipment stored along the highway shall be placed as remote as practical from the edge of pavement in a manner to minimize its being a hazard to errant vehicles or an obstacle to highway maintenance. If material is to be stored on the highway right of way for more than two weeks prior to installation, written approval must be obtained from the department.



**Illinois Department
of Transportation**

**Individual Highway
Permit Bond**

Address 700 East Norris Drive District 3

City / State Ottawa, IL 61350 Bond No. _____

KNOWN ALL MEN BY THE PRESENTS, That I (We) _____
(Name of Applicant)

(Mailing Address)

as Principal, and _____
(Surety Company)

a corporation organized and existing under the laws of the State of Illinois
and licensed to do business in the State of Illinois, are held firmly bound unto the people of the State of Illinois in the penal
sum of One Thousand and No/100 Dollars

(\$ 1,000.00) lawful money of the United States well and truly to be paid unto said people of the State
of Illinois, for payment of which we bind ourselves, our successors and assigns, jointly, severally, and firmly by these presents.

WHEREAS, Highway Permit No. L-15043 Issued by the Department of Transportation

of the State of Illinois grants to _____ permission and
authority to construct, locate, operate, and maintain the work described in said Permit, upon or adjacent to
IL _____ Route 47 in Kendall County as more fully

described in said Permit and Sketch, which by this reference are made a part hereof as if written herein at length, in and by
which Permit and Sketch the said Principal has promised and agreed to perform said described operation and related activities
in accordance with the terms and conditions of and description in said Permit and Sketch.

NOW, THEREFORE, if the said Principal shall well and truly perform said operations in accordance with the terms and
conditions of and description in said Permit and Sketch to the satisfaction of said Department, and shall perform no other work
or construction at said location without first applying for and receiving another permit from said Department, then no claim or
demand will be made against the above obligation. Otherwise, this bond or so much thereof as may be necessary shall insure to
the said Department as cost and expense to change and correct, during a period of five years from the date of approval of this
bond by the Department, said construction to conform to the terms and conditions of and description in said Permit and Sketch.

IN WITNESS WHEREOF, WE HAVE DULY EXECUTED THE FOREGOING

This _____ Day of _____

Principal _____

Surety _____

Address _____

Address _____

City / State _____

City / State _____

Telephone () _____

By _____

By _____

Attorney in Fact

(Seal)

(Seal)

Agent for Surety _____

Department of Transportation

Address _____

By _____

City / State _____

Deputy Director of Highways, Regional Engineer

By _____



Illinois Department of Transportation

Office of Highways Project Implementation / Region 2 / District 3
700 East Norris Drive / Ottawa, Illinois 61350-1628

March 24, 2016

United City of Yorkville
c/o Engineering Enterprises, Inc.
52 Wheeler Road
Sugar Grove, IL 60554

PERMIT APPLICATION

Route: IL 47

County: Kendall

Type of Work: Flashing Beacon Assemblies & Blinking Signs

Gentlemen:

Please execute the attached forms according to the following directions:

1. All signatures must be in ink on all copies.
2. Mailing address to be shown where indicated.
3. Fill in date permit is signed by you in the spaces provided above your signature.
4. Have a disinterested party witness your signature on permit form by signing name in space after printed word "Witness" at the left of form. If the permit is in the city or village's name, an authorized city or village official must sign the permit.
5. If Highway Permit Bond forms are included, **sign all three original copies and have executed by a reputable bonding company. (Personal bond or a letter of credit is not acceptable.)** Please attach the name and address of the local agency through which you received the permit bond.
6. If a temporary construction permit is proposed, we will require a letter from the local municipality guaranteeing that occupancy permits from the municipality will **not** be granted until after a permanent entrance permit has been issued.
7. If traffic signals are required as part of this permit, then a city/state agreement is needed for the cost and maintenance of the proposed traffic signals before the permit will be issued by the department.

United City of Yorkville
c/o Engineering Enterprises, Inc.
March 24, 2016
Page 2

8. The attached application should be returned to this office for approval by October 1, 2016. To perform work within highway right of way without an approved permit is in violation of state law.
9. **Return all five signed original copies to the address shown above for approval by the Regional Engineer. When approved, the completed permit and permit bond will be forwarded to the applicant.**
10. If the work covered by this permit includes construction of additional lanes, turn lanes, median crossovers or traffic signals on, along or adjacent to a highway under department jurisdiction, the permittee shall use only contractor(s) approved by the Department of Transportation for the performance of said work on the state highway. A contractor currently prequalified by the department in the work rating governing the said work shall be approved. Prior to the commencement of the said work on the state highway, the applicant shall furnish the Regional Engineer a copy of the contractor's current Certificate of Eligibility, or, if the permittee proposes to use a contractor not currently prequalified by the department, information satisfactory to the department evidencing the contractor's qualification and ability to perform the said work. No work on the state highway shall be performed until the department issues an approval of the proposed contractor.

If additional information or clarification is required, please contact the Permit Section at 815-434-8456 or e-mail DOT.D3.Permits@illinois.gov.

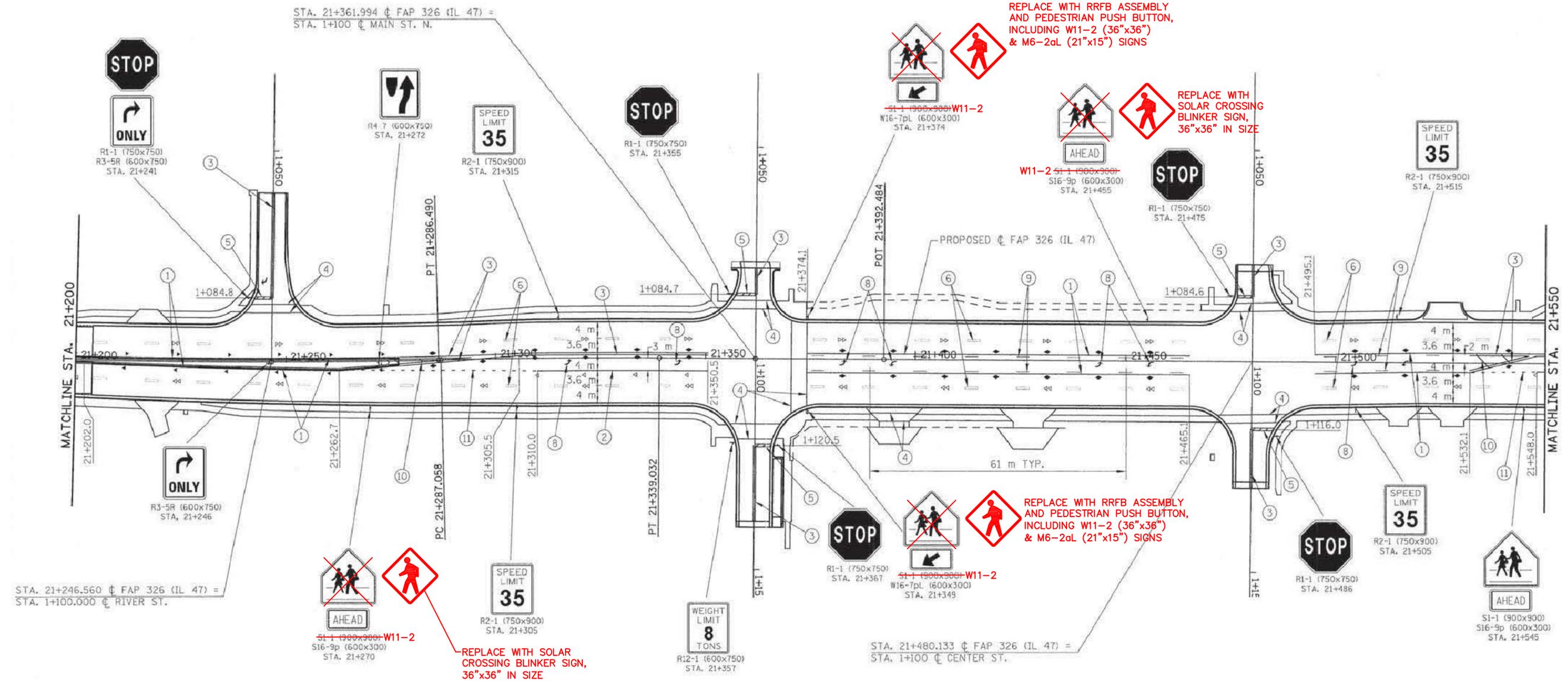
Sincerely,

Paul A. Loete, P.E.
Region Two Engineer



By: Dave Broviak, P.E.
Acting Program Development Engineer

Plotted: March 10, 2016 @ 10:08 AM By: Larry Nelson - Tab: Signs Exhibit - 22x34



REPLACE WITH RRFB ASSEMBLY AND PEDESTRIAN PUSH BUTTON, INCLUDING W11-2 (36"x36") & M6-2dL (21"x15") SIGNS

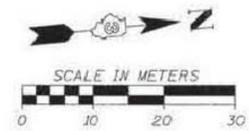
REPLACE WITH SOLAR CROSSING BLINKER SIGN, 36"x36" IN SIZE

REPLACE WITH RRFB ASSEMBLY AND PEDESTRIAN PUSH BUTTON, INCLUDING W11-2 (36"x36") & M6-2dL (21"x15") SIGNS

REPLACE WITH SOLAR CROSSING BLINKER SIGN, 36"x36" IN SIZE

NOTES:

1. THE SCHOOL CROSSING SIGNS (S1-1) WERE NOT INSTALLED ON ROUTE 47 AT MAIN STREET. PEDESTRIAN CROSSING SIGNS (W11-2) WERE INSTALLED INSTEAD.
2. RRFB ASSEMBLIES WILL BE INSTALLED WITH A BREAKAWAY DEVICE ACCORDING TO HIGHWAY STANDARD 838001.
3. TRAFFIC CONTROL WILL BE PROVIDED ACCORDING TO HIGHWAY STANDARDS 701101-05, 701421-07, 701602-07, 701801-06, AND 701901-05.
4. ALL SIGNS WILL BE FLUORESCENT YELLOW-GREEN.



PAVEMENT MARKING LEGEND

- | | |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW) | ⑦ 300 mm SOLID (WHITE) |
| ② 200 mm SOLID (WHITE) | ⑧ LETTERS & ARROWS |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE) | ⑩ 300 mm SOLID (YELLOW) |
| ⑤ 600 mm SOLID (WHITE) | ⑪ 200 mm DOTTED (WHITE) |
| ⑥ 150 mm SKIP DASH (WHITE) | ⑫ 100 mm SOLID (WHITE) |

RAISED REFLECTIVE PAVEMENT MARKING

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

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

UNITED CITY OF YORKVILLE
 KENDALL COUNTY, ILLINOIS

NO.	DATE	REVISIONS

ROUTE 47 AND MAIN STREET
PEDESTRIAN CROSSING

SIGNAGE ENHANCEMENT
EXHIBIT

DATE: DECEMBER	2015
PROJECT NO:	Y01529
FILE:	Y01529-SIGNS
SHEET	1 OF 13

Path: \\S05KPR01\Y01529\DWG\EXHIBIT\Y01529-SIGNS



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 #3

Tracking Number

PW 2016-23

Agenda Item Summary Memo

Title: Church Street Water Main Improvements

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Consideration of Contract Award

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: Consideration of Contract Award

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: March 9, 2016
Subject: Church Street Water Main Improvements

Bids were received, opened and tabulated for work to be done on the project at 10:00 a.m., April 7, 2016. Representatives of contractors bidding the project, the City, and our firm were in attendance. A tabulation of the bids and the engineer's estimate is attached for your information and record. The low bid was below our engineer's estimate and within the project budget.

We recommend the acceptance of the bid and award be made to the low bidder, Superior Excavating, P.O. Box 575, Channahon, IL 60140 in the amount of **\$248,713.50**.

If you have any questions or require additional information, please let us know.



**BID TABULATION
CHURCH STREET WATER MAIN IMPROVEMENTS
UNITED CITY OF YORKVILLE**

ITEM NO.	DESCRIPTION	UNIT	QTY	SUPERIOR EXCAVATING		PLAINFIELD GRADING & EXCAVATING		H. LINDEN & SONS SEWER & WATER		SCORPIO CONSTRUCTION		PERFORMANCE CONSTRUCTION		LEN COX & SONS EXCAVATING		STARK & SON TRENCHING		CONSTRUCTION BY CAMCO		JENSEN EXCAVATING		ELLIOTT & WOOD, INC.		J. CONGDON SEWER SERVICE		ENGINEER'S ESTIMATE	
				P.O. Box 575		7150 S. Ridge Road		722 E. South Street-Unit D		103 Oswego Plains Drive		1000 Independence Blvd.		1203 Theodore Street		45W826 Rohrsen Excavating		2125 Oak Leaf Street		8751 E. Highpoint Road		210 Industrial Drive		170-A Alexandria Way		52 Wheeler Road	
				CHANNAHON, IL 60410	PLAINFIELD, IL 60544	PLANO, IL 60545	OSWEGO, IL 60543	YORKVILLE, IL 60560	CREST HILL, IL 60403	HAMPSHIRE, IL 60140	JOLIET, IL 60436	YORKVILLE, IL 60560	DEKALB, IL 60115	CAROL STREAM, IL 60188	SUGAR GROVE, IL 60554												
		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	WATER MAIN, 6-INCH D.I.P., CLASS 52	FOOT	31	\$ 55.85	\$ 1,731.35	\$ 99.69	\$ 3,090.39	\$ 58.00	\$ 1,798.00	\$ 60.00	\$ 1,860.00	\$ 75.00	\$ 2,325.00	\$ 68.00	\$ 2,108.00	\$ 95.00	\$ 2,945.00	\$ 86.00	\$ 2,666.00	\$ 89.00	\$ 2,759.00	\$ 110.00	\$ 3,410.00	\$ 100.00	\$ 3,100.00	\$ 85.00	\$ 2,635.00
2	WATER MAIN, 8-INCH D.I.P., CLASS 52	FOOT	1,513	\$ 70.30	\$ 106,363.90	\$ 62.96	\$ 95,258.48	\$ 85.00	\$ 128,605.00	\$ 80.00	\$ 121,040.00	\$ 79.00	\$ 119,527.00	\$ 72.00	\$ 108,936.00	\$ 100.00	\$ 151,300.00	\$ 100.00	\$ 151,300.00	\$ 98.00	\$ 148,274.00	\$ 129.00	\$ 195,177.00	\$ 125.00	\$ 189,125.00	\$ 95.00	\$ 143,735.00
3	POLYETHYLENE WRAP, 6"	FOOT	31	\$ 0.40	\$ 12.40	\$ 0.44	\$ 13.64	\$ 1.00	\$ 31.00	\$ 2.00	\$ 62.00	\$ 1.00	\$ 31.00	\$ 1.00	\$ 31.00	\$ 0.50	\$ 15.50	\$ 1.50	\$ 46.50	\$ 1.00	\$ 31.00	\$ 0.50	\$ 15.50	\$ 1.00	\$ 31.00	\$ 5.00	\$ 155.00
4	POLYETHYLENE WRAP, 8"	FOOT	1,513	\$ 0.40	\$ 605.20	\$ 0.44	\$ 665.72	\$ 1.00	\$ 1,513.00	\$ 2.00	\$ 3,026.00	\$ 1.00	\$ 1,513.00	\$ 1.00	\$ 1,513.00	\$ 0.50	\$ 756.50	\$ 1.00	\$ 1,513.00	\$ 1.00	\$ 1,513.00	\$ 0.50	\$ 756.50	\$ 1.00	\$ 1,513.00	\$ 5.00	\$ 7,565.00
5	GATE VALVE, 8-INCH (RESILIENT SEAT), AND VALVE BOX	EACH	6	\$ 1,516.00	\$ 9,096.00	\$ 1,814.23	\$ 10,885.38	\$ 1,700.00	\$ 10,200.00	\$ 2,500.00	\$ 15,000.00	\$ 2,800.00	\$ 16,800.00	\$ 1,785.00	\$ 10,710.00	\$ 2,350.00	\$ 14,100.00	\$ 2,500.00	\$ 15,000.00	\$ 2,500.00	\$ 15,000.00	\$ 2,215.00	\$ 13,290.00	\$ 3,000.00	\$ 18,000.00	\$ 4,000.00	\$ 24,000.00
6	FIRE HYDRANT ASSEMBLY WITH AUXILIARY VALVE, 6-INCH MJ	EACH	3.0	\$ 4,366.75	\$ 13,100.25	\$ 5,283.11	\$ 15,849.33	\$ 4,500.00	\$ 13,500.00	\$ 6,000.00	\$ 18,000.00	\$ 5,000.00	\$ 15,000.00	\$ 4,250.00	\$ 12,750.00	\$ 4,100.00	\$ 12,300.00	\$ 4,900.00	\$ 14,700.00	\$ 4,800.00	\$ 14,400.00	\$ 4,440.00	\$ 13,320.00	\$ 7,500.00	\$ 22,500.00	\$ 4,000.00	\$ 12,000.00
7	DUCTILE IRON FITTINGS	LB	2,479.0	\$ 8.80	\$ 21,815.20	\$ 4.64	\$ 11,502.56	\$ 5.00	\$ 12,395.00	\$ 3.50	\$ 8,676.50	\$ 5.00	\$ 12,395.00	\$ 7.00	\$ 17,353.00	\$ 3.00	\$ 7,437.00	\$ 0.01	\$ 24.79	\$ 10.00	\$ 24,790.00	\$ 4.16	\$ 10,312.64	\$ 0.01	\$ 24.79	\$ 5.00	\$ 12,395.00
8	FOUNDATION MATERIAL	CUYD	500	\$ 1.00	\$ 500.00	\$ 23.92	\$ 11,960.00	\$ 1.00	\$ 500.00	\$ 5.00	\$ 2,500.00	\$ 10.00	\$ 5,000.00	\$ 48.00	\$ 24,000.00	\$ 32.00	\$ 16,000.00	\$ 0.01	\$ 5.00	\$ 37.50	\$ 18,750.00	\$ 54.00	\$ 27,000.00	\$ 5.00	\$ 2,500.00	\$ 30.00	\$ 15,000.00
9	CONNECT TO EXISTING WATER MAIN	EACH	6	\$ 1,322.95	\$ 7,937.70	\$ 2,996.53	\$ 17,979.18	\$ 2,500.00	\$ 15,000.00	\$ 3,500.00	\$ 21,000.00	\$ 4,500.00	\$ 27,000.00	\$ 2,330.00	\$ 13,980.00	\$ 5,000.00	\$ 30,000.00	\$ 2,250.00	\$ 13,500.00	\$ 2,800.00	\$ 16,800.00	\$ 2,900.00	\$ 17,400.00	\$ 3,500.00	\$ 21,000.00	\$ 1,500.00	\$ 9,000.00
10	WATER SERVICE CONNECTION, 1-INCH	EACH	5	\$ 818.70	\$ 4,093.50	\$ 708.47	\$ 3,542.35	\$ 1,200.00	\$ 6,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,450.00	\$ 7,250.00	\$ 900.00	\$ 4,500.00	\$ 2,000.00	\$ 10,000.00	\$ 350.00	\$ 1,750.00	\$ 1,500.00	\$ 7,500.00	\$ 1,000.00	\$ 5,000.00	\$ 1,000.00	\$ 5,000.00
11	WATER SERVICE PIPE, 1-INCH TYPE K COPPER	FOOT	118	\$ 29.30	\$ 3,457.40	\$ 52.00	\$ 6,136.00	\$ 52.00	\$ 6,136.00	\$ 20.00	\$ 2,360.00	\$ 30.00	\$ 3,540.00	\$ 50.00	\$ 5,900.00	\$ 22.00	\$ 2,596.00	\$ 100.00	\$ 11,800.00	\$ 80.00	\$ 9,440.00	\$ 65.00	\$ 7,670.00	\$ 15.00	\$ 1,770.00	\$ 40.00	\$ 4,720.00
12	DISCONNECT AND ABANDON EXISTING WATER MAIN	EACH	6	\$ 661.50	\$ 3,969.00	\$ 634.12	\$ 3,804.72	\$ 1,200.00	\$ 7,200.00	\$ 1,000.00	\$ 6,000.00	\$ 2,000.00	\$ 12,000.00	\$ 2,000.00	\$ 12,000.00	\$ 3,620.00	\$ 21,720.00	\$ 1,200.00	\$ 7,200.00	\$ 800.00	\$ 4,800.00	\$ 500.00	\$ 3,000.00	\$ 1,500.00	\$ 9,000.00	\$ 1,200.00	\$ 7,200.00
13	VALVE BOXES TO BE ABANDONED	EACH	6	\$ 352.80	\$ 2,116.80	\$ 914.00	\$ 5,484.00	\$ 10.00	\$ 60.00	\$ 200.00	\$ 1,200.00	\$ 100.00	\$ 600.00	\$ 275.00	\$ 1,650.00	\$ 450.00	\$ 2,700.00	\$ 400.00	\$ 2,400.00	\$ 800.00	\$ 4,800.00	\$ 500.00	\$ 3,000.00	\$ 250.00	\$ 1,500.00	\$ 1,000.00	\$ 6,000.00
14	WATER MAIN TESTING - PRESSURE AND DISINFECTION	LSUM	1	\$ 6,000.00	\$ 6,000.00	\$ 1,991.00	\$ 1,991.00	\$ 1,500.00	\$ 1,500.00	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,500.00	\$ 5,500.00	\$ 4,100.00	\$ 4,100.00	\$ 2,800.00	\$ 2,800.00	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00
15	WATER MAIN PROTECTION, PVC, C-900, 12-INCH	FOOT	78	\$ 47.05	\$ 3,669.90	\$ 16.40	\$ 1,279.20	\$ 85.00	\$ 6,630.00	\$ 60.00	\$ 4,680.00	\$ 35.00	\$ 2,730.00	\$ 65.00	\$ 5,070.00	\$ 40.00	\$ 3,120.00	\$ 44.00	\$ 3,432.00	\$ 24.00	\$ 1,872.00	\$ 120.00	\$ 9,360.00	\$ 85.00	\$ 6,630.00	\$ 100.00	\$ 7,800.00
16	EXPLORATORY TRENCH	EACH	5	\$ 441.00	\$ 2,205.00	\$ 1,995.42	\$ 9,977.10	\$ 450.00	\$ 2,250.00	\$ 1,000.00	\$ 5,000.00	\$ 500.00	\$ 2,500.00	\$ 750.00	\$ 3,750.00	\$ 865.00	\$ 4,325.00	\$ 700.00	\$ 3,500.00	\$ 600.00	\$ 3,000.00	\$ 1.00	\$ 5.00	\$ 250.00	\$ 1,250.00	\$ 1,000.00	\$ 5,000.00
17	HOT-MIX ASPHALT PAVEMENT REMOVAL	SQYD	779	\$ 3.05	\$ 2,375.95	\$ 9.13	\$ 7,112.27	\$ 4.00	\$ 3,116.00	\$ 6.00	\$ 4,674.00	\$ 3.50	\$ 2,726.50	\$ 6.00	\$ 4,674.00	\$ 3.00	\$ 2,337.00	\$ 6.00	\$ 4,674.00	\$ 25.50	\$ 19,864.50	\$ 10.00	\$ 7,790.00	\$ 5.00	\$ 3,895.00	\$ 3.00	\$ 2,337.00
18	PAVEMENT PATCHING, SPECIAL	SQYD	180	\$ 48.65	\$ 8,757.00	\$ 87.78	\$ 15,800.40	\$ 65.00	\$ 11,700.00	\$ 43.00	\$ 7,740.00	\$ 46.00	\$ 8,280.00	\$ 92.00	\$ 16,560.00	\$ 33.00	\$ 5,940.00	\$ 64.00	\$ 11,520.00	\$ 48.00	\$ 8,640.00	\$ 75.00	\$ 13,500.00	\$ 55.00	\$ 9,900.00	\$ 50.00	\$ 9,000.00
19																											
20	CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQFT	87	\$ 9.30	\$ 809.10	\$ 15.05	\$ 1,309.35	\$ 7.00	\$ 609.00	\$ 11.00	\$ 957.00	\$ 12.00	\$ 1,044.00	\$ 82.00	\$ 7,134.00	\$ 19.00	\$ 1,653.00	\$ 19.00	\$ 1,653.00	\$ 25.00	\$ 2,175.00	\$ 15.00	\$ 1,305.00	\$ 85.00	\$ 7,395.00	\$ 20.00	\$ 1,740.00
21	SIDEWALK REMOVAL	SQFT	202	\$ 1.20	\$ 242.40	\$ 3.76	\$ 759.52	\$ 5.00	\$ 1,010.00	\$ 2.00	\$ 404.00	\$ 2.00	\$ 404.00	\$ 3.00	\$ 606.00	\$ 0.75	\$ 151.50	\$ 4.00	\$ 808.00	\$ 7.00	\$ 1,414.00	\$ 1.00	\$ 202.00	\$ 2.00	\$ 404.00	\$ 2.00	\$ 404.00
22	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQFT	202.0	\$ 8.15	\$ 1,646.30	\$ 10.03	\$ 2,026.06	\$ 15.00	\$ 3,030.00	\$ 8.00	\$ 1,616.00	\$ 6.50	\$ 1,313.00	\$ 10.00	\$ 2,020.00	\$ 17.50	\$ 3,535.00	\$ 10.00	\$ 2,020.00	\$ 7.80	\$ 1,575.60	\$ 14.00	\$ 2,828.00	\$ 8.00	\$ 1,616.00	\$ 7.00	\$ 1,414.00
23	DETECTABLE WARNINGS	SQFT	24	\$ 28.95	\$ 694.80	\$ 37.62	\$ 902.88	\$ 30.00	\$ 720.00	\$ 27.00	\$ 648.00	\$ 25.00	\$ 600.00	\$ 32.00	\$ 768.00	\$ 40.00	\$ 960.00	\$ 30.00	\$ 720.00	\$ 25.00	\$ 600.00	\$ 19.00	\$ 456.00	\$ 35.00	\$ 840.00	\$ 20.00	\$ 480.00
24	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	FOOT	48	\$ 32.45	\$ 1,557.60	\$ 26.33	\$ 1,263.84	\$ 34.00	\$ 1,632.00	\$ 48.00	\$ 2,304.00	\$ 55.00	\$ 2,640.00	\$ 75.00	\$ 3,600.00	\$ 58.00	\$ 2,784.00	\$ 74.00	\$ 3,552.00	\$ 80.00	\$ 3,840.00	\$ 55.00	\$ 2,640.00	\$ 40.00	\$ 1,920.00	\$ 35.00	\$ 1,680.00
25	FIRE HYDRANT REMOVAL	EACH	3	\$ 500.00	\$ 1,500.00	\$ 977.09	\$ 2,931.27	\$ 750.00	\$ 2,250.00	\$ 500.00	\$ 1,500.00	\$ 400.00	\$ 1,200.00	\$ 1,500.00	\$ 4,500.00	\$ 450.00	\$ 1,350.00	\$ 725.00	\$ 2,175.00	\$ 800.00	\$ 2,400.00	\$ 1,170.00	\$ 3,510.00	\$ 250.00	\$ 750.00	\$ 600.00	\$ 1,800.00
26	REMOVE AND REPLACE CULVERT, 8"	FOOT	25	\$ 38.55	\$ 963.75	\$ 43.75	\$ 1,093.75	\$ 52.00	\$ 1,300.00	\$ 40.00	\$ 1,000.00	\$ 50.00	\$ 1,250.00	\$ 48.00	\$ 1,200.00	\$ 40.00	\$ 1,000.00	\$ 54.00	\$ 1,350.00	\$ 35.00	\$ 875.00	\$ 32.00	\$ 800.00	\$ 60.00	\$ 1,500.00	\$ 35.00	\$ 875.00
27	SIGN TO BE REMOVED AND RESET	EACH	3	\$ 50.00	\$ 150.00	\$ 102.74	\$ 308.22	\$ 100.00	\$ 300.00	\$ 150.00	\$ 450.00	\$ 100.00	\$ 300.00	\$ 450.00	\$ 1,350.00	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 150.00	\$ 450.00	\$ 110.00	\$ 330.00	\$ 150.00	\$ 450.00	\$ 150.00	\$ 450.00
28	MAILBOX TO BE REMOVED AND RESET	EACH	2	\$ 50.00	\$ 100.00	\$ 109.01	\$ 218.02	\$ 100.00	\$ 200.00	\$ 150.00	\$ 300.00	\$ 100.00	\$ 200.00	\$ 350.00	\$ 700.00	\$ 150.00	\$ 300.00	\$ 500.00	\$ 1,000.00	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00
29	RESTORATION	SQYD	335	\$ 5.80	\$ 1,943.00	\$ 7.00	\$ 2,345.00	\$ 8.00	\$ 2,680.00	\$ 4.00	\$ 1,340.00	\$ 10.00	\$ 3,350.00	\$ 15.00	\$ 5,025.00	\$ 10.00	\$ 3,350.00	\$ 17.00	\$ 5,695.00	\$ 7.40	\$ 2,479.00	\$ 11.75	\$ 3,936.25	\$ 15.00	\$ 5,025.00	\$ 10.00	\$ 3,350.00
30	SANITARY SEWER SPOT REPAIR	EACH	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	
31	TYPE A SANITARY MANHOLE	EACH	4	\$ 5,450.00	\$ 21,800.00	\$ 5,648.50	\$ 22,594.00	\$ 6,000.00	\$ 24,000.00	\$ 7,500.00	\$ 30,000.00	\$ 4,000.00	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00	\$ 2,600.00	\$ 10,400.00	\$ 10,500.00	\$ 42,000.00								



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 2016-24

Agenda Item Summary Memo

Title: Blackberry Woods – Completion of Improvements

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Consideration of Bid Award

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required:

Council Action Requested: Consideration of Contract Award

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: April 8, 2016
Subject: Blackberry Woods – Completion of Improvements

Bids were received, opened and tabulated for work to be done on the project at 10:15 a.m., April 7, 2016. Representatives of contractors bidding the project, the City, and our firm were in attendance. A tabulation of the bids and the engineer's estimate is attached for your information and record. The low bid was below our engineer's estimate and within the value of the funds obtained (\$174,016.00) to complete the improvements.

Work not included within the above noted bid include maintenance of the storm water management basins and the removal of dead trees from the park site. This will be handled under separate contracts.

Therefore, we recommend the acceptance of the bid and approval of award be made to the low bidder, Jensen Excavating, LLC, 8751 E. Highpoint Road, Yorkville, IL 60560 in the amount of **\$149,760.00**.

If you have any questions or require additional information, please let us know.



**BID TABULATION
BLACKBERRY WOODS COMPLETION OF IMPROVEMENTS**

ITEM NO.	DESCRIPTION	BID TABULATION		JENSEN EXCAVATING		PERFORMANCE CONSTRUCTION & ENG		SUPERIOR EXCAVATING		WILKINSON EXCAVATING		LEN COX & SONS EXCAVATING		H. LINDEN & SONS SEWER & WATER		ENGINEER'S ESTIMATE	
		BIDS RECD	4/7/2016	8751 E. Highpoint Road		1000 Independence Blvd		P.O. Box 575		725 E. LaSalle Street		1203 Theodore Street		722 E. South Street- Unit D		52 Wheeler Road	
				Yorkville, IL 60560		Yorkville, IL 60560		Channahon, IL 60410		Somonauk, IL 60552		Crest Hill, IL 60403		Plano, IL 60545		Sugar Grove, IL 60554	
		UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	ADJUST STRUCTURE TO GRADE	EACH	2	\$ 300.00	\$ 600.00	\$ 950.00	\$ 1,900.00	\$ 400.00	\$ 800.00	\$ 750.00	\$ 1,500.00	\$ 625.00	\$ 1,250.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 1,000.00
2	RESET FRAME AND ADJUSTING RINGS	EACH	1	\$ 150.00	\$ 150.00	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00	\$ 112.00	\$ 112.00	\$ 850.00	\$ 850.00	\$ 1,000.00	\$ 1,000.00	\$ 250.00	\$ 250.00
3	INSTALL, REINSTALL OR REPAIR FILLETS IN STORM STRUCTURE	EACH	27	\$ 100.00	\$ 2,700.00	\$ 75.00	\$ 2,025.00	\$ 200.00	\$ 5,400.00	\$ 200.00	\$ 5,400.00	\$ 650.00	\$ 17,550.00	\$ 1,200.00	\$ 32,400.00	\$ 75.00	\$ 2,025.00
4	TELEWISE STORM SEWER	FOOT	5,500	\$ 3.00	\$ 16,500.00	\$ 2.50	\$ 13,750.00	\$ 4.00	\$ 22,000.00	\$ 3.50	\$ 19,250.00	\$ 3.15	\$ 17,325.00	\$ 5.00	\$ 27,500.00	\$ 1.55	\$ 8,525.00
5	INSTALL STEP AND CHIMNEY SEAL	EACH	1	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 600.00	\$ 600.00	\$ 850.00	\$ 850.00	\$ 1,500.00	\$ 1,500.00	\$ 350.00	\$ 350.00
6	CLEAN STORM STRUCTURE	EACH	15.0	\$ 250.00	\$ 3,750.00	\$ 300.00	\$ 4,500.00	\$ 260.00	\$ 3,900.00	\$ 300.00	\$ 4,500.00	\$ 250.00	\$ 3,750.00	\$ 800.00	\$ 12,000.00	\$ 250.00	\$ 3,750.00
7	BACKFILL AROUND STRUCTURE	EACH	5.0	\$ 200.00	\$ 1,000.00	\$ 350.00	\$ 1,750.00	\$ 350.00	\$ 1,750.00	\$ 450.00	\$ 2,250.00	\$ 650.00	\$ 3,250.00	\$ 100.00	\$ 500.00	\$ 250.00	\$ 1,250.00
8	PAINT FIRE HYDRANTS	EACH	20	\$ 100.00	\$ 2,000.00	\$ 200.00	\$ 4,000.00	\$ 175.00	\$ 3,500.00	\$ 100.00	\$ 2,000.00	\$ 450.00	\$ 9,000.00	\$ 640.00	\$ 12,800.00	\$ 100.00	\$ 2,000.00
9	REPAIR AUXILIARY VALVE	EACH	2	\$ 250.00	\$ 500.00	\$ 400.00	\$ 800.00	\$ 150.00	\$ 300.00	\$ 225.00	\$ 450.00	\$ 2,000.00	\$ 4,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
10	ADJUST AUXILIARY VALVE TO GRADE	EACH	8	\$ 150.00	\$ 1,200.00	\$ 200.00	\$ 1,600.00	\$ 125.00	\$ 1,000.00	\$ 90.00	\$ 720.00	\$ 375.00	\$ 3,000.00	\$ 300.00	\$ 2,400.00	\$ 250.00	\$ 2,000.00
11	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SF	5,500	\$ 7.80	\$ 42,900.00	\$ 6.75	\$ 37,125.00	\$ 7.25	\$ 39,875.00	\$ 10.60	\$ 58,300.00	\$ 7.00	\$ 38,500.00	\$ 7.50	\$ 41,250.00	\$ 8.00	\$ 44,000.00
12	SILT FENCE REMOVAL	FOOT	300	\$ 2.00	\$ 600.00	\$ 1.50	\$ 450.00	\$ 1.50	\$ 450.00	\$ 0.66	\$ 198.00	\$ 3.00	\$ 900.00	\$ 1.00	\$ 300.00	\$ 5.00	\$ 1,500.00
13	DETECTABLE WARNINGS	SF	80	\$ 22.00	\$ 1,760.00	\$ 25.00	\$ 2,000.00	\$ 28.00	\$ 2,240.00	\$ 25.00	\$ 2,000.00	\$ 35.00	\$ 2,800.00	\$ 30.00	\$ 2,400.00	\$ 35.00	\$ 2,800.00
14	INSTALL WATER SERVICE, 1" COPPER W/ B-BOX, LONG	EACH	3	\$ 2,700.00	\$ 8,100.00	\$ 2,600.00	\$ 7,800.00	\$ 2,000.00	\$ 6,000.00	\$ 6,500.00	\$ 19,500.00	\$ 2,500.00	\$ 7,500.00	\$ 100.00	\$ 300.00	\$ 2,000.00	\$ 6,000.00
15	INSTALL WATER SERVICE, 1" COPPER W/ B-BOX, SHORT	EACH	2	\$ 1,200.00	\$ 2,400.00	\$ 1,900.00	\$ 3,800.00	\$ 800.00	\$ 1,600.00	\$ 4,500.00	\$ 9,000.00	\$ 1,150.00	\$ 2,300.00	\$ 100.00	\$ 200.00	\$ 1,200.00	\$ 2,400.00
16	EMERALD LUSTRE NORWAY MAPLE, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	4	\$ 300.00	\$ 1,200.00	\$ 500.00	\$ 2,000.00	\$ 592.00	\$ 2,368.00	\$ 350.00	\$ 1,400.00	\$ 515.00	\$ 2,060.00	\$ 550.00	\$ 2,200.00	\$ 500.00	\$ 2,000.00
17	COMMON HACKBERRY, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	6	\$ 400.00	\$ 2,400.00	\$ 515.00	\$ 3,090.00	\$ 505.00	\$ 3,030.00	\$ 450.00	\$ 2,700.00	\$ 515.00	\$ 3,090.00	\$ 565.00	\$ 3,390.00	\$ 500.00	\$ 3,000.00
18	SKYLINE HONEYLOCUST, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	8	\$ 400.00	\$ 3,200.00	\$ 550.00	\$ 4,400.00	\$ 537.00	\$ 4,296.00	\$ 450.00	\$ 3,600.00	\$ 515.00	\$ 4,120.00	\$ 587.00	\$ 4,696.00	\$ 500.00	\$ 4,000.00
19	AUTUMN BLAZE PEAR, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	3	\$ 400.00	\$ 1,200.00	\$ 520.00	\$ 1,560.00	\$ 520.00	\$ 1,560.00	\$ 450.00	\$ 1,350.00	\$ 515.00	\$ 1,545.00	\$ 570.00	\$ 1,710.00	\$ 500.00	\$ 1,500.00
20	SWAMP WHITE OAK, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	9	\$ 430.00	\$ 3,870.00	\$ 550.00	\$ 4,950.00	\$ 540.00	\$ 4,860.00	\$ 500.00	\$ 4,500.00	\$ 535.00	\$ 4,815.00	\$ 590.00	\$ 5,310.00	\$ 500.00	\$ 4,500.00
21	BUR OAK, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	1	\$ 420.00	\$ 420.00	\$ 550.00	\$ 550.00	\$ 585.00	\$ 585.00	\$ 500.00	\$ 500.00	\$ 535.00	\$ 535.00	\$ 585.00	\$ 585.00	\$ 500.00	\$ 500.00
22	GREENSPIRE LITTLELEAF LINDEN, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	4.0	\$ 390.00	\$ 1,560.00	\$ 520.00	\$ 2,080.00	\$ 520.00	\$ 2,080.00	\$ 450.00	\$ 1,800.00	\$ 515.00	\$ 2,060.00	\$ 569.00	\$ 2,276.00	\$ 500.00	\$ 2,000.00
23	REDMOND AMERICAN LINDEN, 2.5" CALIPER, BALLED AND BURLAPPED	EACH	14	\$ 410.00	\$ 5,740.00	\$ 520.00	\$ 7,280.00	\$ 520.00	\$ 7,280.00	\$ 450.00	\$ 6,300.00	\$ 515.00	\$ 7,210.00	\$ 569.00	\$ 7,966.00	\$ 500.00	\$ 7,000.00
24	APPLE SERVICEBERRY, 6' TALL, CLUMP FORM (ORNAMENTAL)	EACH	6	\$ 325.00	\$ 1,950.00	\$ 450.00	\$ 2,700.00	\$ 440.00	\$ 2,640.00	\$ 350.00	\$ 2,100.00	\$ 475.00	\$ 2,850.00	\$ 480.00	\$ 2,880.00	\$ 350.00	\$ 2,100.00
25	BLACK ALDER, 6' TALL, CLUMP FORM (ORNAMENTAL)	EACH	12	\$ 400.00	\$ 4,800.00	\$ 450.00	\$ 5,400.00	\$ 440.00	\$ 5,280.00	\$ 400.00	\$ 4,800.00	\$ 500.00	\$ 6,000.00	\$ 480.00	\$ 5,760.00	\$ 350.00	\$ 4,200.00
26	RIVER BIRCH, 6' TALL, CLUMP FORM (ORNAMENTAL)	EACH	4	\$ 310.00	\$ 1,240.00	\$ 450.00	\$ 1,800.00	\$ 452.00	\$ 1,808.00	\$ 350.00	\$ 1,400.00	\$ 475.00	\$ 1,900.00	\$ 490.00	\$ 1,960.00	\$ 350.00	\$ 1,400.00
27	THORNLESS COCKSPUR HAWTHORN, 6' TALL, CLUMP FORM (ORNAMENTAL)	EACH	7	\$ 350.00	\$ 2,450.00	\$ 450.00	\$ 3,150.00	\$ 425.00	\$ 2,975.00	\$ 400.00	\$ 2,800.00	\$ 450.00	\$ 3,150.00	\$ 465.00	\$ 3,255.00	\$ 350.00	\$ 2,450.00
28	WHITE FIR, 6' TALL (EVERGREEN)	EACH	11	\$ 400.00	\$ 4,400.00	\$ 710.00	\$ 7,810.00	\$ 660.00	\$ 7,260.00	\$ 400.00	\$ 4,400.00	\$ 450.00	\$ 4,950.00	\$ 776.00	\$ 8,536.00	\$ 600.00	\$ 6,600.00
29	BLACK HILLS SPRUCE, 6' TALL (EVERGREEN)	EACH	2	\$ 350.00	\$ 700.00	\$ 500.00	\$ 1,000.00	\$ 470.00	\$ 940.00	\$ 390.00	\$ 780.00	\$ 425.00	\$ 850.00	\$ 510.00	\$ 1,020.00	\$ 600.00	\$ 1,200.00
30	AUSTRIAN PINE, 6' TALL (EVERGREEN)	EACH	6	\$ 370.00	\$ 2,220.00	\$ 500.00	\$ 3,000.00	\$ 470.00	\$ 2,820.00	\$ 400.00	\$ 2,400.00	\$ 425.00	\$ 2,550.00	\$ 510.00	\$ 3,060.00	\$ 600.00	\$ 3,600.00
31	MISCELLANEOUS ADDITIONS TO THE PROJECT AT THE CITY'S DISCRETION	UNIT	10,000	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00	\$ 1.00	\$ 10,000.00
32	INSPECT LIGHTING SYSTEM	LSUM	1	\$ 2,000.00	\$ 2,000.00	\$ 4,800.00	\$ 4,800.00	\$ 1,500.00	\$ 1,500.00	\$ 5,800.00	\$ 5,800.00	\$ 7,000.00	\$ 7,000.00	\$ 20,000.00	\$ 20,000.00	\$ 7,025.00	\$ 7,025.00
33	INSTALL NEW LIGHT POLE	EACH	4	\$ 4,000.00	\$ 16,000.00	\$ 4,300.00	\$ 17,200.00	\$ 4,000.00	\$ 16,000.00	\$ 5,100.00	\$ 20,400.00	\$ 10,000.00	\$ 40,000.00	\$ 6,500.00	\$ 26,000.00	\$ 4,250.00	\$ 17,000.00
BASE BID - TOTAL FOR ITEMS 1-33					149,760.00		165,070.00		166,847.00		202,810.00		217,510.00		249,154.00		159,925.00

* Corrected Total



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 #5

Tracking Number

PW 2016-25

Agenda Item Summary Memo

Title: Countryside Water Main and Roadway Improvements

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Consideration of Change Order No. 1

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: April 11, 2016
Subject: Countryside Water Main and Roadway Imp. – Change Order No. 1

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

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

Background:

The United City of Yorkville and Geneva Construction Co. entered into an agreement for a contract value of \$4,307,538.03 for the above referenced project. Construction is scheduled to begin in mid-April.

Questions Presented:

Should the City approve Change Order No. 1 which would increase the contract amount by \$451,885.10?

Discussion:

Change Order No. 1 includes the additions of paving and water main on E. Blackberry Lane, paving only on W. Countryside Parkway (Center Pkwy to W. Kendall Dr), Palmer Court, and Naden Court, and curb replacement on Center Parkway and Kendall Drive.

Since the City received favorable bids on the original planned work, we are able to add the proposed work and remain within the overall project budget.

We are recommending approval of the Change Order.

Action Required:

Consideration of approval from the City Council for Change Order No. 1.

CHANGE ORDER

Order No. 1

Date: April 11, 2016

Agreement Date: March 28, 2016

NAME OF PROJECT: Countryside Water Main and Roadway Improvements

OWNER: United City of Yorkville

CONTRACTOR: Geneva Construction Company

The following changes are hereby made to the CONTRACT DOCUMENTS:

<u>Change</u>	<u>Value</u>
1) Addition of W. Countryside Parkway (Center Pkwy to Kendall Dr.)	\$48,885.25
2) Addition of Palmer Court	\$58,871.80
3) Addition of Naden Court	\$60,340.05
4) Addition of E. Blackberry Lane	\$141,388.00
5) Addition of Center Parkway and Countryside Parkway Curb Replacement	\$142,400.00

Change of CONTRACT PRICE:

Original CONTRACT PRICE: \$4,307,538.03

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(S): \$4,307,538.03

The CONTRACT PRICE due to this CHANGE ORDER will be INCREASED by: \$ 451,885.10

The new CONTRACT PRICE including this CHANGE ORDER will be: \$4,759,423.13

Justification:

1-5) Additional roads added due to surplus budget. See attached spreadsheet for cost breakdown per street.

Change to CONTRACT TIME:

The contract time is increased/~~decreased~~ by 0 days.

Requested by: _____ Geneva Construction Co.

Recommended by: _____ Engineering Enterprises, Inc.

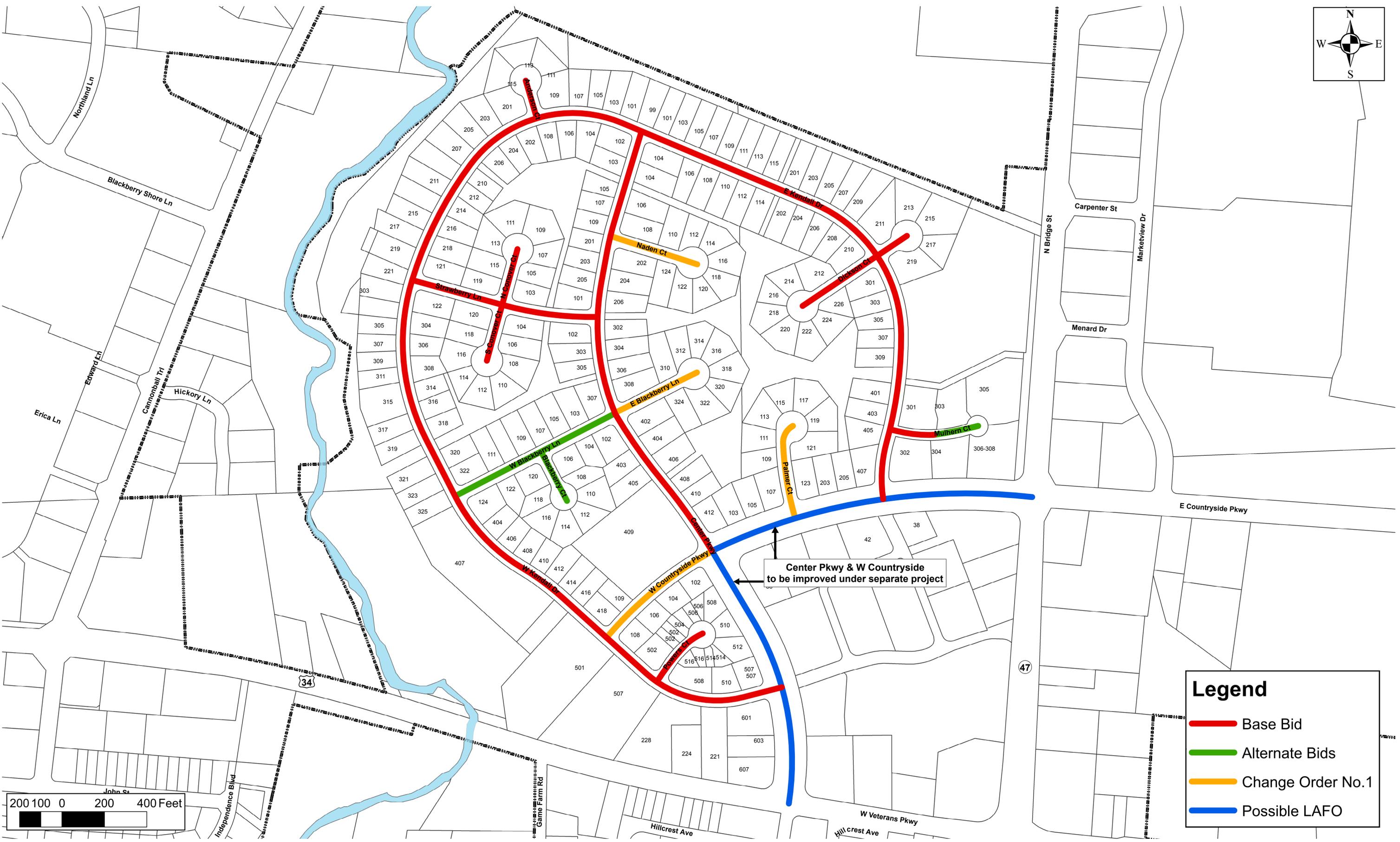
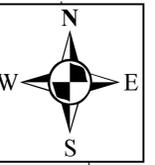
Accepted by: _____ United City of Yorkville

**COUNTRYSIDE WATER MAIN & ROADWAY IMPROVEMENTS
CONTRACT ADDITIONS**

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	W. Countryside		Palmer Ct.		Naden Ct.		E. Blackberry		Center & E. Countryside	
				QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1	TREE REMOVAL, 6-15 UNIT DIAMETER	UNIT	\$16.50										
2	TREE REMOVAL, OVER 15 UNIT DIAMETER	UNIT	\$18.00										
3	TREE ROOT PRUNING	EACH	\$70.00							2	\$ 140.00		
4	CONNECTION TO EXISTING 4-INCH WATER MAIN	EACH	\$4,400.00										
5	CONNECTION TO EXISTING 6-INCH WATER MAIN	EACH	\$4,800.00										
6	CONNECTION TO EXISTING 8-INCH WATER MAIN	EACH	\$5,500.00							1	\$ 5,500.00		
7	CONNECTION TO EXISTING 12-INCH WATER MAIN	EACH	\$5,800.00										
8	WATER MAIN, 4-INCH D.I.P, CLASS 52, WITH POLYETHYLENE WRAP	LF	\$120.00										
9	WATER MAIN, 6-INCH D.I.P, CLASS 52, WITH POLYETHYLENE WRAP	LF	\$140.00										
10	WATER MAIN, 8-INCH D.I.P, CLASS 52, WITH POLYETHYLENE WRAP	LF	\$62.00							441	\$ 27,342.00		
11	WATER MAIN, 12-INCH D.I.P, CLASS 52, WITH POLYETHYLENE WRAP	LF	\$83.00										
12	GATE VALVE , 4-INCH (RESILIENT SEAT) IN VALVE BOX	EACH	\$1,700.00										
13	GATE VALVE, 6-INCH (RESILIENT SEAT) IN VALVE BOX	EACH	\$1,800.00										
14	GATE VALVE, 8-INCH (RESILIENT SEAT) IN VALVE BOX	EACH	\$2,250.00							1	\$ 2,250.00		
15	GATE VALVE & VALVE VAULT, 12-INCH (RESILENT SEAT) IN 60-INCH VAULT	EACH	\$5,500.00										
16	WATER MAIN LINE STOP, 6-INCH	EACH	\$9,000.00										
17	FIRE HYDRANT ASSEMBLY, WITH AUXILIARY VALVE, 6-INCH MJ	EACH	\$4,600.00							2	\$ 9,200.00		
18	FIRE HYDRANT ASSEMBLY, WITH AUXILIARY VALVE, 2-INCH MJ	EACH	\$2,500.00										
19	TEMPORARY FLUSHING FIRE HYDRANT	EACH	\$4,600.00										
20	DUCTILE IRON FITTINGS	LB	\$2.00							349	\$ 698.00		
21	WATER MAIN PROTECTION, PVC C-900, 12-INCH	LF	\$100.00										
22	WATER MAIN PROTECTION, PVC C-900, 18-INCH	LF	\$80.00										
23	WATER MAIN INSULATION	LF	\$12.00										
24	SANITARY SEWER REMOVAL AND REPLACEMENT	LF	\$100.00										
25	STORM SEWER REMOVAL AND REPLACEMENT	LF	\$80.00										
26	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL-TYPE 1	TON	\$10.00							25	\$ 250.00		
27	NON-SPECIAL, NON-HAZARDOUS SOIL WASTE DISPOSAL-TYPE 2	TON	\$10.00							25	\$ 250.00		
28	SELECT GRANULAR BACKFILL	CY	\$25.00							735	\$ 18,375.00		
29	FOUNDATION MATERIAL	CY	\$1.00							10	\$ 10.00		
30	EXPLORATORY EXCAVATION	EACH	\$750.00							3	\$ 2,250.00		

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	W. Countryside		Palmer Ct.		Naden Ct.		E. Blackberry		Center & E. Countryside	
				QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
31	WATER SERVICE CONNECTION, 1-INCH	EACH	\$1,000.00							8	\$ 8,000.00		
32	WATER SERVICE CONNECTION, 2-INCH	EACH	\$2,000.00										
33	WATER SERVICE PIPE, 1-INCH PEX, OPEN CUT	LF	\$1.00							50	\$ 50.00		
34	WATER SERVICE PIPE, 1-INCH PEX, TRENCHLESS	LF	\$10.00							307	\$ 3,070.00		
35	WATER SERVICE PIPE, 2-INCH PEX, OPEN CUT	LF	\$2.00										
36	WATER SERVICE PIPE, 2-INCH PEX, TRENCHLESS	LF	\$845.00										
37	SANITARY SEWER SERVICE REPAIR, PVC SDR-26, 6-INCH	EACH	\$350.00							2	\$ 700.00		
38	DISCONNECT AND ABANDON EXISTING WATER MAIN	EACH	\$1,400.00							1	\$ 1,400.00		
39A	WATER MAIN TESTING - PRESSURE AND DISINFECTION (BASE BID)	LS	\$15,000.00										
39B	WATER MAIN TESTING - PRESSURE AND DISINFECTION (ALTERNATE 1)	LS	\$1,200.00										
39C	WATER MAIN TESTING - PRESSURE AND DISINFECTION (ALTERNATE 2)	LS	\$275.00										
39D	WATER MAIN TESTING - PRESSURE AND DISINFECTION (CO 1 - E. BLACKBERRY)	LS	\$1,000.00							1	\$ 1,000.00		
40	HOT-MIX ASPHALT PAVEMENT REMOVAL	SY	\$6.50										
41	HOT-MIX ASPHALT PAVEMENT, 4-INCH, WITH 12-INCH AGGREGATE BASE	SY	\$48.15										
42	HOT-MIX ASPHALT PAVEMENT, 7-INCH, WITH 12-INCH AGGREGATE BASE	SY	\$73.00										
43	HOT-MIX ASPHALT PAVEMENT REMOVAL, VARIABLE DEPTH, SPECIAL	SY	\$5.80										
44	HOT-MIX ASPHALT BINDER PATCH, 2.5-INCH, SPECIAL	SY	\$12.00										
45	DRIVEWAY PAVEMENT REMOVAL, SPECIAL	SY	\$8.50					15	\$ 127.50	95	\$ 807.50		
46	HMA DRIVEWAY PAVEMENT, N50, 3-INCH, WITH 8-INCH AGGREGATE BASE	SY	\$47.25										
47	HMA DRIVEWAY PAVEMENT, N50, 4-INCH, WITH 8-INCH AGGREGATE BASE	SY	\$61.00										
48	PORTLAND CEMENT CONCRETE DRIVEWAY, 6-INCH, WITH 4-INCH AGGREGATE BASE	SY	\$60.10					15	\$ 901.50	95	\$ 5,709.50		
49	PORTLAND CEMENT CONCRETE DRIVEWAY, 8-INCH, WITH 4-INCH AGGREGATE BASE	SY	\$75.70										
50	BRICK PAVER DRIVEWAY REMOVAL AND REPLACEMENT, WITH 6-INCH AGGREGATE BASE	SF	\$9.00										
51	CONCRETE CURB AND GUTTER REMOVAL	LF	\$6.35	215	\$ 1,365.25	100	\$ 635.00	150	\$ 952.50	139	\$ 882.65	5,000	\$ 31,750.00
52	COMBINATION CONCRETE CURB AND GUTTER	LF	\$21.45	215	\$ 4,611.75	100	\$ 2,145.00	150	\$ 3,217.50	139	\$ 2,981.55	5,000	\$ 107,250.00
53	VAVLE VAULT TO BE ABANDONED	EACH	\$250.00							1	\$ 250.00		
54	VAVLE BOX TO BE ABANDONES	EACH	\$100.00										
55	FIRE HYDRANT REMOVAL	EACH	\$350.00							1	\$ 350.00		
56	SIGN TO BE REMOVED AND RESET	EACH	\$260.00										
57	MAILBOX TO BE REMOVED AND REPLACED	EACH	\$150.00										
58	REPLACEMENT TREE, 2.5" CALIPER (MIN.), BALLED AND BURLAPPED	EACH	\$435.00										

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	W. Countryside		Palmer Ct.		Naden Ct.		E. Blackberry		Center & E. Countryside	
				QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
59	RESTORATION	SY	\$9.00							200	\$ 1,800.00		
60A	TRAFFIC CONTROL AND PROTECTION (BASE BID)	LS	\$95,000.00										
60B	TRAFFIC CONTROL AND PROTECTION (ALTERNATE 1)	LS	\$800.00										
60C	TRAFFIC CONTROL AND PROTECTION (ALTERNATE 2)	LS	\$350.00										
60D	TRAFFIC CONTROL AND PROTECTION (CO 1 - PAVING & WM)	LS	\$1,200.00	0.25	\$ 300.00	0.25	\$ 300.00	0.25	\$ 300.00	0.25	\$ 300.00		
60E	TRAFFIC CONTROL AND PROTECTION (CO 1 - COUNTRYSIDE & CENTER CURB)	LS	\$1,000.00									1	\$ 1,000.00
61	ALLOWANCE-ITEMS ORDERED BY THE ENGINEER	UNIT	\$1.00							2,000	\$ 2,000.00		
62	PREPARATION OF BASE	SQ YD	\$0.55	1,815	\$ 998.25	2,400	\$ 1,320.00	2,400	\$ 1,320.00	2,000	\$ 1,100.00		
63	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	\$35.00	100	\$ 3,500.00	100	\$ 3,500.00	100	\$ 3,500.00	60	\$ 2,100.00		
64	AGGREGATE SUBGRADE IMPROVEMENT	SQ YD	\$9.50	100	\$ 950.00	100	\$ 950.00	100	\$ 950.00	180	\$ 1,710.00		
65	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	\$8.65	30	\$ 259.50	45	\$ 389.25						
66	HOT-MIX ASPHALT SURFACE REMOVAL, 4-INCH	SQ YD	\$4.00	1,815	\$ 7,260.00	2,400	\$ 9,600.00	2,400	\$ 9,600.00	2,000	\$ 8,000.00		
67	BITUMINOUS MATERAIL (PRIME COAT)	GALLON	\$0.01	550	\$ 5.50	725	\$ 7.25	725	\$ 7.25	1,200	\$ 12.00		
68	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	\$64.00	261	\$ 16,704.00	350	\$ 22,400.00	350	\$ 22,400.00	260	\$ 16,640.00		
69	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	\$72.00	157	\$ 11,304.00	215	\$ 15,480.00	215	\$ 15,480.00	205	\$ 14,760.00		
70	SIDEWALK REMOVAL	SQ FT	\$0.90										
71	SIDEWALK REMOVAL AND REPLACEMENT, WITH 4-INCH AGGREGATE BASE	SQ FT	\$7.15	100	\$ 715.00	150	\$ 1,072.50	100	\$ 715.00	148	\$ 1,058.20		
72	PORTLAND CEMENT CONCRETE SIDEWALK 5-INCH, SPECIAL	SQ FT	\$7.45										
73	DETECTABLE WARNINGS	SQ FT	\$24.00	16	\$ 384.00	24	\$ 576.00	16	\$ 384.00				
74	MANHOLES TO BE ADJUSTED	EACH	\$415.00										
75	INLETS TO BE ADJUSTED	EACH	\$375.00										
76	NEW FRAME AND LID OR GRATE	EACH	\$325.00										
77	INLET TY A, SPECIAL	EACH	\$1,200.00										
78	MANHOLE TO BE RECONSTRUCTED	EACH	\$1,250.00										
79	SANITARY MANHOLES TO BE ADJUSTED	EACH	\$850.00										
80	PIPE UNDERDRAINS, 4-INCH	LF	\$30.00										
81	REMOVE CURB ASPHALT	EACH	\$95.00										
82	ROADWAY EDGE CRACK SEALING	LF	\$0.48	1,100	\$ 528.00	1,035	\$ 496.80	1,010	\$ 484.80	920	\$ 441.60	5,000	\$ 2,400.00
			TOTAL		\$ 48,885.25		\$ 58,871.80		\$ 60,340.05		\$ 141,388.00		\$ 142,400.00
TOTAL CHANGE ORDER NO. 1													\$ 451,885.10



Legend

- Base Bid
- Alternate Bids
- Change Order No.1
- Possible LAFO

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

United City of Yorkville
 800 Game Farm Road
 Yorkville, IL 60560
 630-553-4350
 https://www.yorkville.il.us

NO.	DATE	REVISIONS

DATE: APRIL 2016
 PROJECT NO.: YO1440
 PATH: H:\GIS\PUBLIC\YORKVILLE\2014\
 FILE: YO1440_ROADWAY-WATER MAIN IMPROV_B.MXD

COUNTRYSIDE IMPROVEMENTS
 UNITED CITY OF YORKVILLE
 KENDALL COUNTY, ILLINOIS

PROPOSED IMPROVEMENTS



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

NB #6

Tracking Number

PW 2016-26

Agenda Item Summary Memo

Title: 2016 RTBR Program

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Consideration of Additional Work

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: April 8, 2016
Subject: 2016 RTBR Program – Additional Work

The purpose of this memo is to present a quote for additional work for the above referenced project.

Background:

The United City of Yorkville and D Construction, Co. entered into an agreement on March 22, 2016 for a contract value of **\$515,056.39** for the above referenced project. The value of the contract is substantially lower than the amount that is budgeted for FY2017.

We are currently projecting that \$110,000 +/- is available for additional roadway work under the current RTBR budget. In addition, there are additional funds available from the bond proceeds left over from the Game Farm Road project.

The proposed locations of the additional work are noted in the attached exhibit. Many of the additional streets were planned to be improved in 2018 as part of the most recent five year plan.

Note that due to the fact that the existing contract between the City and D Construction utilized MFT funds, we are unable to add additional streets via change order. Therefore a separate quote was solicited from D for the additional work.

Questions Presented:

Should the City approve the additional work which is estimated to be \$313,413.47?

Discussion:

D Construction, Co. has indicated that they will hold their prices from the originally bid project for the additional work and have provided a letter accordingly.

Note that included in the additional work is the removal and replacement of sidewalk along Church Street. The sidewalk is in disrepair (see attached pictures) and should be replaced.

The funding of the additional work is broken down as follows:

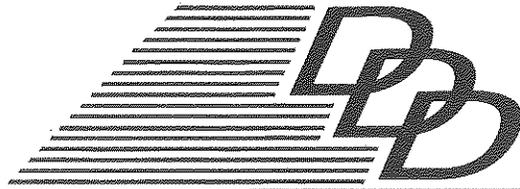
RTBR Funds \$110,000.00

Bond Funds \$203,413.47

We recommend proceeding with the additional work.

Action Required:

Consideration of approval from the City Council for additional RTBR work.



"D" Construction, Inc.

1488 South Broadway • Coal City, IL 60416
Office (815) 634-2555 • FAX (815) 634-8748

General Contractor

United City of Yorkville
610 Tower Lane
Yorkville, IL 60560

April 8, 2016

Re: 2016 MFT - Additional Work

Gentlemen:

In reference to the above captioned project, it is our pleasure to quote you on additional paving work.

DESCRIPTION	Bid Quantity	Unit	Unit Price	Amount
1 BIT MATLS (PRIME COAT)	9635.0	POUND	\$0.01	\$96.35
2 BUTT JOINT	362.0	SY	\$0.01	\$3.62
3 LEV BINDER HM N50	0.0	TON	\$0.01	\$0.00
4 LEV BINDER MM N50	960.0	TON	\$60.00	\$57,600.00
5 HMA SURFACE N50	1435.0	TON	\$61.00	\$87,535.00
6 INCIDENTAL HMA SURFACING	0.0	TON	\$75.00	\$0.00
7 PCC WALK REMOVAL	6067.0	SF	\$1.75	\$10,617.25
8 PCC WALK 5"	6067.0	SF	\$6.00	\$36,402.00
9 DETECTIBLE WARNINGS PLASTIC	297.0	SF	\$25.00	\$7,425.00
10 BIT SURF REM 2.5"	15290.0	SY	\$2.15	\$32,873.50
11 CL D PATCH 4	1380.0	SY	\$30.00	\$40,800.00
12 PCC CURB R&R	370.0	FT	\$35.00	\$12,950.00
13 MAN ADJUST W/NEW F & LID TY 1	13.0	Each	\$550.00	\$7,150.00
14 INLETS TO BE ADJ	7.0	Each	\$350.00	\$2,450.00
15 VALVE BOX ADJ	3.0	Each	\$250.00	\$750.00
16 RESTORATION	1102.0	SY	\$11.00	\$12,122.00
17 AGGREGATE SHOULDER	5.0	TON	\$100.00	\$500.00
18 CRACK ROUTING	0.0	FT	\$0.01	\$0.00
19 CRACK FILLING	0.0	POUND	\$1.47	\$0.00
20 CRACK SEALING	7525.0	FT	\$0.55	\$4,138.75
21 BASE PREPARATION	0.0	SY	\$3.25	\$0.00
22 THPL L&S	0.0	SF	\$6.62	\$0.00
23 THPL 4	0.0	FT	\$1.49	\$0.00
24 THPL 6	0.0	FT	\$2.21	\$0.00
25 THPL 12	0.0	FT	\$4.42	\$0.00
26 THPL 24	0.0	FT	\$8.83	\$0.00
TOTAL				\$313,413.47

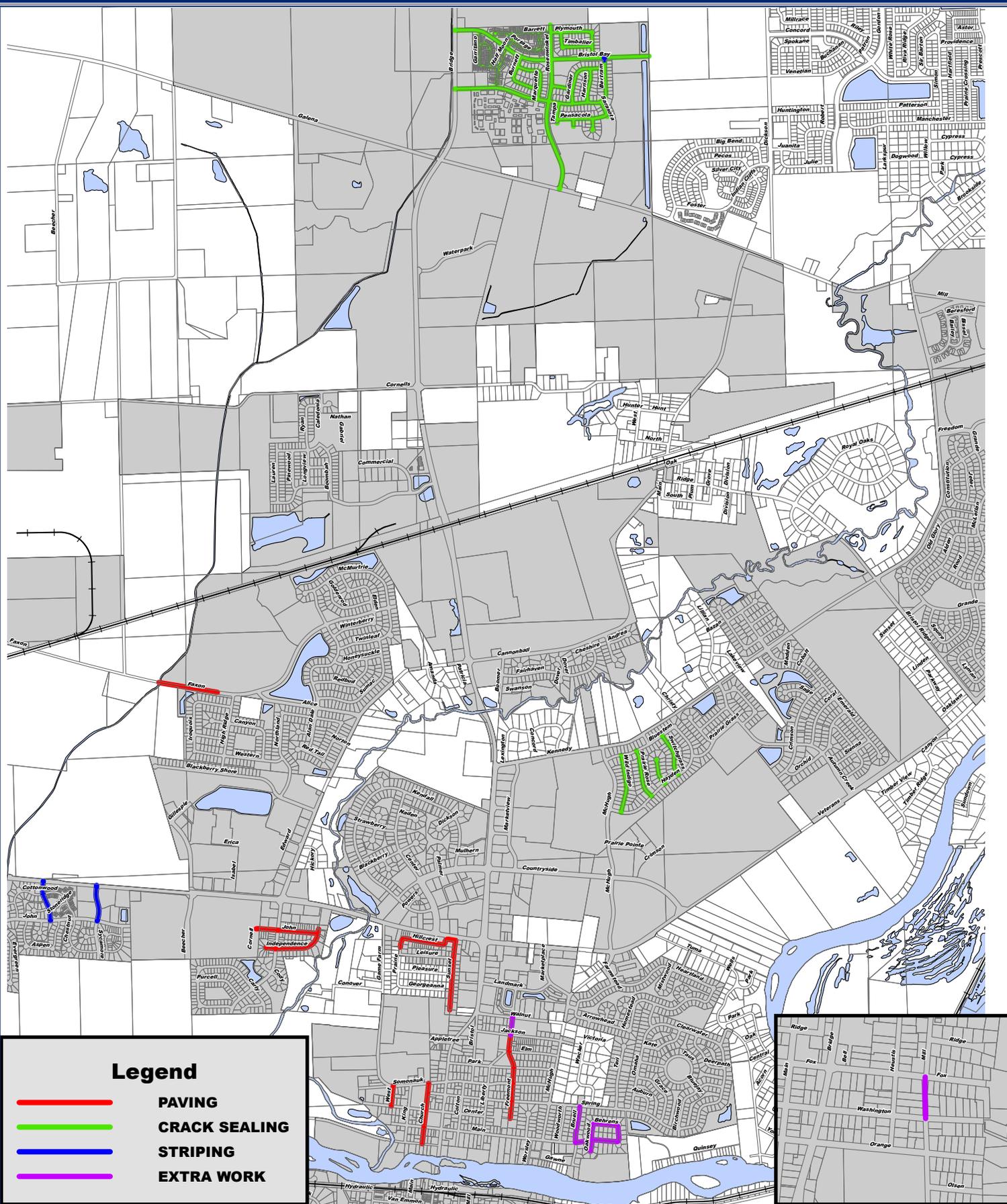
Qualifications: PLEASE NOTE

- * Sales tax is not included in the above work. A tax exempt number will be required or sales taxes will be added to the final invoice.
- * We have not included any layout, engineering, nor testing.
- * Our work is limited to the items described above.
- * The above items of work are quoted as a package and may not be separated without prior approval by "D" Construction, Inc.
- * Final billing shall be based upon the actual quantities of work performed at the unit prices quoted above.
- * If the surface is to be placed at a later date, the patching, cleaning, tack coat of the binder course will be extra.
- * Our price is based on the work being done in one continuous operation and completed by November 15, 2016.
- * We must have a signed contract within 30 days in order to hold these prices.
- * Terms of payment will be agreed upon before any work is started.
- * All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Respectfully submitted,

16-0008

K. O. Wilhelm
"D" Construction, Inc.



Legend

- PAVING
- CRACK SEALING
- STRIPING
- EXTRA WORK

DATE: April 2016
 PROJECT NO.: YO1518
 BY: KKP
 PATH: H:\GIS\PUBLIC\YORKVILLE\2015\FILE: YO1518_Paving.MXD

2016 RTBR LOCATION MAP



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

Freemont Street



Mill Street



Main Street



Behrens Street





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 #7

Tracking Number

PW 2016-27

Agenda Item Summary Memo

Title: Capital Improvement Project Update

Meeting and Date: Public Works Committee – April 19, 2016

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 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: April 7, 2016
Subject: Capital Improvement Projects Update

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

Construction Projects

Countryside Street and Water main Improvements

- The preconstruction meeting was held on March 21st. It is anticipated that work will begin the week of April 18th.

It is currently planned that the water main and at least the binder course will be installed this year. The final lift is planned for early 2017.

Mill Street LAFO

- A pre-construction meeting has been scheduled with IDOT for April 18th. Work is scheduled to be completed during the summer and prior to school re-opening.

2016 RTBR

- The contract has been awarded by the City Council. Work is scheduled to begin in June and to be completed by the end of August.

2016 Sanitary Sewer Lining

- The contract has been awarded by the City Council. Work is scheduled to be completed by the end of November.

Grande Reserve – Park A

- The contract has been awarded by the City Council. Work is scheduled to be completed by the end of June.

Church Street Water Main Improvements

- We will be reviewing the bids at the April Public Works Committee Meeting. The work is planned to begin in May and to be completed by the end of June.

Blackberry Woods - Completion of Improvements

- We will be reviewing the bids at the April Public Works Committee Meeting. The work is planned to begin in May and to be completed by the end of June.

Rt 47 Street Lighting – ITEP

- Shop drawings have been recently approved. The poles will take approximately 16 weeks to manufacture after shop drawing approval. It is anticipated that the poles will be installed in the summer.

Game Farm Road and Somonauk Street Improvements

- The work is substantially complete. The contractor is working on completing punchlist items. EEI is working on completing record drawings and preparing project files for the IDOT audit.

Ridge Street Water main Improvements

- The work is substantially complete. The contractor will be completing punchlist items in the spring.

Well No. 8 Rehabilitation

- This work is complete.

Sunflower/Greenbrier Pond Naturalization

- The new plantings have been installed. We are starting the second year of a three-year maintenance contract with Encap.

Planning/Design Projects

Kennedy Shared Use Path – ITEP

- The plans have been approved by IDOT. Land acquisition is currently in process. There are two parcels that require acquisition.

As soon as land acquisition is complete, we will target a letting based on IDOT's schedule.

Rt 71 Water main and Sanitary Sewer Relocation

- We are currently working on final design and are anticipating completing by the end of May.

Center Parkway and Countryside Parkway LAFO

- We have made the request to the KKKCOM to move the project from the B list to within the 5 year program. The next KKKCOM meeting is scheduled for April 21st.

Final design is scheduled to begin over the next couple of months.

Wrigley EDP

- HR Green is working on a resubmittal to IDOT for final approval of the plans. Once final approval is obtained, we will schedule a bid letting.

We are planning on having the work constructed this year.

**UNITED CITY OF YORKVILLE
CAPITAL IMPROVEMENT PROGRAM FY2017-2021
PROJECT COST SUMMARY**

PROJECT FUNDING

Project Code	Project Title	FY17	FY18	FY19	FY20	FY21	Future Years	Total Cost	Funded		
									City	Grants/Developer	Unfunded
WM01	Rt 71 Watermain Replacement	5,000	-	481,250	481,250	-	-	967,500	967,500	-	-
WM02	Countryside Watermain Replacement	2,940,000	420,000	-	-	-	-	3,360,000	3,360,000	-	-
WM03	Church Street Watermain Replacement (RTBR)	231,000	-	-	-	-	-	231,000	-	-	231,000
WM04	Well No. 7 Rehabilitation	-	163,000	-	-	-	-	163,000	163,000	-	-
WM05	Well No. 4 Rehabilitation	-	-	124,000	-	-	-	124,000	124,000	-	-
WM06	Well No. 9 Rehabilitation	-	-	-	148,000	-	-	148,000	148,000	-	-
WM07	Well No. 6 and Water Treatment Plant	-	-	-	200,000	2,355,000	2,300,000	4,855,000	-	-	4,855,000
WM08	WTP No. 8 & 9 Cation Exchange Media Replacement	-	-	3,000	150,000	-	-	153,000	-	-	153,000
WM09	WTP No. 7 Cation Exchange Media Replacement	-	-	-	3,000	115,000	-	118,000	-	-	118,000
WM10	WTP No. 3 & 4 Cation Exchange Media Replacement	-	-	-	-	3,000	150,000	153,000	-	-	153,000
WM11	North Central EWST Re-Paint	-	-	-	18,000	477,000	-	495,000	-	-	495,000
WM12	Appletree Court Watermain Replacement (RTBR)	-	-	-	-	-	148,500	148,500	-	-	-
WM13	W. Washington Street Watermain Replacement (RTBR)	-	-	-	-	-	188,000	188,000	-	-	-
WM14	Elizabeth Street Watermain Replacement (RTBR)	-	-	-	-	-	512,000	512,000	-	-	-
WM15	Main Street Watermain Replacement (RTBR)	-	-	-	-	-	714,000	714,000	-	-	-
WM16	Orange/Olsen Watermain Looping (RTBR)	-	-	-	-	-	167,500	167,500	-	-	167,500
WM17	Morgan Street Watermain Replacement (RTBR)	-	-	-	-	-	376,000	376,000	-	-	376,000
WM18	E. Fox Street Watermain Replacement (RTBR)	-	-	-	-	-	306,000	306,000	-	-	306,000
WM19	East Washington Watermain Replacement (RTBR)	-	-	-	-	-	465,000	465,000	-	-	465,000
WM20	Orange Street Watermain Replacement (RTBR)	-	-	-	-	-	660,000	660,000	-	-	660,000
WM21	Well No. 7 Standby Generator	-	-	-	-	-	350,000	350,000	-	-	350,000
WM22	Beaver Street Standby Generator	-	-	-	-	-	87,500	87,500	-	-	87,500
WM23	Radio-Read Meter Retrofit	-	-	-	-	-	250,000	250,000	-	-	250,000
	Sub-Total Water	3,176,000	583,000	608,250	1,000,250	2,950,000	6,674,500	14,992,000	4,762,500	-	8,667,000
WW01	SSES Rehabilitation and Replacement (RTBR)	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000	-	-	2,000,000
WW02	202 River Road Sanitary Sewer	-	120,000	-	-	-	-	120,000	-	-	120,000
WW03	SCADA	-	-	-	-	-	205,000	205,000	-	-	205,000
	Sub-Total Sanitary	200,000	320,000	200,000	200,000	200,000	1,205,000	2,325,000	-	-	2,325,000
RW01	Roads to Better Roads Program (RTBR)	600,000	600,000	454,000	404,000	404,000	-	2,462,000	2,462,000	-	-
RW02	Somon. St. / Game Farm Rd. Improvements	415,000	-	-	-	-	-	415,000	415,000	2,343,512	-
RW03	ITEP Grant - Kennedy Road Shared Use Path	1,330,900	147,900	-	-	-	-	1,478,800	-	1,212,800	266,000
RW04	ITEP Grant - Rt 47 Streetlighting	445,000	-	-	-	-	-	445,000	-	443,750	-
RW05	Rt 71 Improvements	-	-	110,400	-	-	-	110,400	-	-	110,400
RW06	Rt 34 (Rt 47 to Orchard) Improvements	94,600	94,600	94,800	-	-	-	284,000	-	-	284,000
RW07	Rt 34 (Center to Eldamain) Improvements	-	151,300	151,300	151,400	-	-	454,000	-	-	454,000
RW08	Mill Street LAFO	249,880	-	-	-	-	-	249,880	-	125,000	-
RW09	Countryside - Street Improvements	1,470,000	210,000	-	-	-	-	1,680,000	1,680,000	-	-
RW10	Wrigley EDP - Intersection Improvements	655,062	-	-	-	-	-	655,062	-	655,062	-
RW11	Kennedy Road / Mill Road STP	-	-	-	-	-	9,761,700	9,761,700	-	9,761,700	-
RW12	Pavillion Road	-	150,000	-	-	-	-	150,000	-	-	150,000
RW13	Rt 47 and Galena Improvements	-	-	-	-	-	3,425,000	3,425,000	-	-	3,425,000
	Sub-Total Roadway	5,260,442	1,353,800	810,500	555,400	404,000	13,186,700	21,570,842	4,557,000	14,541,824	4,689,400
OTHER	Material Storage Building - Public Works	-	-	-	-	-	250,000	250,000	-	-	250,000
	ANNUAL PROGRAM TOTALS	8,636,442	2,256,800	1,618,750	1,755,650	3,554,000	21,316,200	39,137,842	4,557,000	14,541,824	15,931,400

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM01**

Project Description: **Rt 71 Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering	5,000						5,000
Construction Engineering			43,750	43,750			87,500
Land Acquisition							-
Infrastructure Improvements			437,500	437,500			875,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	5,000	-	481,250	481,250	-	-	967,500
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 5,000 feet of existing water main that is in conflict with the Rt 71 roadway improvements. Currently planned by IDOT in FY18.

2. Describe the project status and completed work.

Under Design

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WM02

Project Description: Countryside Water Main Replacement

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	441,000	63,000					504,000
Land Acquisition							-
Infrastructure Improvements	2,499,000	357,000					2,856,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	2,940,000	420,000	-	-	-	-	3,360,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing existing water main that has a history of breaks within the Countryside development.
 \$4.2 M Water

2. Describe the project status and completed work.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM03**

Project Description: **Church Street Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	21,000						21,000
Land Acquisition							-
Infrastructure Improvements	210,000						210,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	231,000	-	-	-	-	-	231,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 750 feet of existing water main from River to Center.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM04**

Project Description: **Well 7 Rehabilitation**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering		14,000					14,000
Construction Engineering		14,000					14,000
Land Acquisition							-
Infrastructure Improvements		135,000					135,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	163,000	-	-	-	-	163,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of performing miscellaneous well rehabilitation and maintenance for Well 7 and includes rehab of pump, motot and column piping.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM05**

Project Description: **Well 4 Rehabilitation**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering			12,000				12,000
Construction Engineering			12,000				12,000
Land Acquisition							-
Infrastructure Improvements			100,000				100,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	124,000	-	-	-	124,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of performing miscellaneous well rehabilitation and maintenance for Well 4 and includes rehab of pump, motot and column piping.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM06**

Project Description: **Well 9 Rehabilitation**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering				14,000			14,000
Construction Engineering				14,000			14,000
Land Acquisition							-
Infrastructure Improvements				120,000			120,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	148,000	-	-	148,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of performing miscellaneous well rehabilitation and maintenance for Well 9 and includes rehab of pump, motot and column piping.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM07**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering				200,000	50,000		250,000
Construction Engineering					165,000	160,000	325,000
Land Acquisition							-
Infrastructure Improvements					2,140,000	2,140,000	4,280,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	200,000	2,355,000	2,300,000	4,855,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WM08

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

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering			3,000	5,000			8,000
Construction Engineering				5,000			5,000
Land Acquisition							-
Infrastructure Improvements				140,000			140,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	3,000	150,000	-	-	153,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WM09

Project Description: WTP No. 7 Cation Exchange Media Replacement

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering				3,000	5,000		8,000
Construction Engineering					5,000		5,000
Land Acquisition							-
Infrastructure Improvements					105,000		105,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	3,000	115,000	-	118,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WM10

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

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering					3,000	5,000	8,000
Construction Engineering						5,000	5,000
Land Acquisition							-
Infrastructure Improvements						140,000	140,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	3,000	150,000	153,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WM11

Project Description: North Central EWST Re-Paint

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering				18,000			18,000
Construction Engineering							-
Land Acquisition					27,000		27,000
Infrastructure Improvements					450,000		450,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	18,000	477,000	-	495,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

300,000 Gallon EWST, last recoated in 2008.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM12**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering						13,500	13,500
Land Acquisition							-
Infrastructure Improvements						135,000	135,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	148,500	148,500
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 490 feet of existing watermain from Rt 47 to West end.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM13**

Project Description: **W. Washington Street Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						12,500	12,500
Construction Engineering						15,500	15,500
Land Acquisition							-
Infrastructure Improvements						155,000	155,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	188,000	188,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 565 feet of existing watermain from Rt 47 to Morgan.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM14**

Project Description: **Elizabeth Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						34,000	34,000
Construction Engineering						43,000	43,000
Land Acquisition							-
Infrastructure Improvements						430,000	430,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	512,000	512,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 1,250 feet of existing 4" water main with 8" water main from Main to West end.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM15**

Project Description: **Main Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						48,500	48,500
Construction Engineering						60,500	60,500
Land Acquisition							-
Infrastructure Improvements						605,000	605,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	714,000	714,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 2,200 feet of existing 4" water main with 6" water main from Van Emmon to Beecher.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM16**

Project Description: **Orange/Olsen Water main Water Main Looping**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						10,000	10,000
Construction Engineering						12,500	12,500
Land Acquisition						15,000	15,000
Infrastructure Improvements						125,000	125,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	167,500	167,500
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM17**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						25,000	25,000
Construction Engineering						31,000	31,000
Land Acquisition							-
Infrastructure Improvements						315,000	315,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	376,000	376,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 1135 feet of existing watermain from W. Fox to W. Dolph.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM18**

Project Description: **E. Fox Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						20,500	20,500
Construction Engineering						25,500	25,500
Land Acquisition							-
Infrastructure Improvements						255,000	255,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	306,000	306,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 930 feet of existing water main from Mill to Bell.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM19**

Project Description: **E. Washington Street Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						31,000	31,000
Construction Engineering						39,000	39,000
Land Acquisition							-
Infrastructure Improvements						390,000	390,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	465,000	465,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 1,410 feet of existing water main from Rt 47 to Mill.

2. Describe the project status and completed work.

Project Not Initiated.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM20**

Project Description: **Orange Street Watermain Water Main Replacement**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						44,500	44,500
Construction Engineering						55,500	55,500
Land Acquisition							-
Infrastructure Improvements						555,000	555,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous						5,000	5,000
TOTAL COST	-	-	-	-	-	660,000	660,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of replacing 2,020 feet of existing water main from Main Street to the East End.

2. Describe the project status and completed work.

Project Not Initiated.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM21**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						25,000	25,000
Construction Engineering						15,000	15,000
Land Acquisition							-
Infrastructure Improvements						310,000	310,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	350,000	350,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-		-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM22**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						7,500	7,500
Construction Engineering						5,000	5,000
Land Acquisition							-
Infrastructure Improvements						75,000	75,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	87,500	87,500

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-		-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WM23**

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

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements						250,000	250,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	250,000	250,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WW01

Project Description: SSES Rehabilitation and Replacement

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: **WW02**

Project Description: **202 River Road Sanitary Sewer**

Dept.: **Public Works**

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: **130-Capital Improvement**

Priority: **Ongoing**

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering		10,000					10,000
Construction Engineering		10,000					10,000
Land Acquisition							-
Infrastructure Improvements		100,000					100,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	120,000	-	-	-	-	120,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of the replacement of the sanitary sewer. Currently runs beneath private garage.

2. Describe the project status and completed work.

Project not initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: WW03

Project Description: SCADA - WASTEWATER

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						20,000	20,000
Construction Engineering						10,000	10,000
Land Acquisition							-
Infrastructure Improvements						175,000	175,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	205,000	205,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project consists of adding SCADA to the City's seven (7) Lift Stations.

2. Describe the project status and completed work.

Project Not Initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

Projected Operating Expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW01

Project Description: Roads to Better Roads Program

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements	600,000	600,000	454,000	404,000	404,000		2,462,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	600,000	600,000	454,000	404,000	404,000	-	2,462,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼	300,000	300,000	300,000	300,000	300,000		1,500,000
Other ▼	300,000	300,000	154,000	104,000	104,000		962,000
▼							-
▼							-
TOTAL FUNDING SOURCES	600,000	600,000	454,000	404,000	404,000	-	2,462,000

1. Briefly Describe and provide justification for this Capital Project Request.

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.

2. Describe the project status and completed work.

3. Describe any anticipated grants related to the project.

\$300,000 - Fees
 \$Other - MFT

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW02

Project Description: Somonauk Street / Game Farm Road Improvements

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	15,000						15,000
Land Acquisition							-
Infrastructure Improvements	400,000						400,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	415,000	-	-	-	-	-	415,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project includes the reconstruction of Somonauk Street and Game Farm Road.

2. Describe the project status and completed work.

Target Bid Letting - November 2014

3. Describe any anticipated grants related to the project.

\$2,343,512 KKCOM STP Funds

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW03

Project Description: ITEP Grant Kennedy Road Shared Use Path

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	142,700	15,900					158,600
Land Acquisition							-
Infrastructure Improvements	1,188,200	132,000					1,320,200
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	1,330,900	147,900	-	-	-	-	1,478,800
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼	1,064,700	118,300					1,183,000
▼	266,200	29,600					295,800
▼							-
▼							-
TOTAL FUNDING SOURCES	1,330,900	147,900	-	-	-	-	1,478,800

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Phase I Approved

3. Describe any anticipated grants related to the project.

ITEP - \$1,387,280

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW04

Project Description: ITEP - Rt 47 Streetlighting

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	5,000						5,000
Land Acquisition							-
Infrastructure Improvements	440,000						440,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	445,000	-	-	-	-	-	445,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼	302,750						302,750
Other ▼	142,250						142,250
▼							-
▼							-
TOTAL FUNDING SOURCES	445,000	-	-	-	-	-	445,000

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the design and installation of the decorative street lights in the downtown area. The foundations and conduits are being installed as part of the IDOT Rt 47 project.

2. Describe the project status and completed work.

Phase III in progress.

3. Describe any anticipated grants related to the project.

ITEP - \$491,270

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW05

Project Description: Rt 71 Improvements

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 120-Motor Fuel Tax ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements			110,400				110,400
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	110,400	-	-	-	110,400
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Currently planned in IDOT's FY 2012-2017 Program

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW06

Project Description: Rt 34 Improvements (Rt 47 to Orchard)

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements	94,600	94,600	94,800				284,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	94,600	94,600	94,800	-	-	-	284,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project is the City's contribution towards the improvements that are planned by IDOT from IL 47 to Orchard Road.
 \$20,000 W/S

2. Describe the project status and completed work.

Currently planned for 2015 letting.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW07

Project Description: Rt 34 Improvements (Center to Eldamain)

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering							-
Land Acquisition							-
Infrastructure Improvements		151,300	151,300	151,400			454,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	151,300	151,300	151,400	-	-	454,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Currently planned for 2017 letting.

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW08

Project Description: Mill Street LAFO

Dept.: Public Works ▼

Project Type: New Project Expansion Replacement/Maint. Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	32,600						32,600
Land Acquisition							-
Infrastructure Improvements	217,280						217,280
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	249,880	-	-	-	-	-	249,880
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Other ▼	62,470	-					62,470
Grant (Applied) ▼	187,410	-					187,410
▼							-
▼							-
TOTAL FUNDING SOURCES	249,880	-	-	-	-	-	249,880

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the resurfacing of Mill Street from IL 126 to Washington Street.

2. Describe the project status and completed work.

Design in Progress.

3. Describe any anticipated grants related to the project.

KKCOM LAFO Funds

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW09

Project Description: Countryside Road Improvements

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	220,500	31,500					252,000
Land Acquisition							-
Infrastructure Improvements	1,249,500	178,500					1,428,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	1,470,000	210,000	-	-	-	-	1,680,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼							-
Other ▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the reconstruction of several Countryside streets.
 \$2.1 M - Road

2. Describe the project status and completed work.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW10

Project Description: Wrigley EDP - Intersection Improvements

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering							-
Construction Engineering	52,076						52,076
Land Acquisition							-
Infrastructure Improvements	602,986						602,986
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	655,062	-	-	-	-	-	655,062
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼	655,062						655,062
Other ▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	655,062	-	-	-	-	-	655,062

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the intersection improvements at Wrigley.

2. Describe the project status and completed work.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW11

Project Description: Kennedy Road / Mill Road STP

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						1,084,700	1,084,700
Construction Engineering						929,700	929,700
Land Acquisition							-
Infrastructure Improvements						7,747,300	7,747,300
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	9,761,700	9,761,700

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼						6,507,750	6,507,750
Other ▼						3,253,950	3,253,950
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	9,761,700	9,761,700

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the reconstruction of Kennedy Road from Autumn Creek to Galena Road, and Mill Road from Kennedy to east limits. The developer is to contribute \$ towards the improvement. The city is seeking STP funds through KKCOM.

2. Describe the project status and completed work.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW12

Project Description: Pavillion Road

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering		9,000					9,000
Construction Engineering		9,000					9,000
Land Acquisition							-
Infrastructure Improvements		132,000					132,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	150,000	-	-	-	-	150,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Grant (Received) ▼							-
Other ▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

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

2. Describe the project status and completed work.

Work not initiated.

3. Describe any anticipated grants related to the project.

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

2017-2021 CAPITAL PROJECT SHEET

Proj. #: RW13

Project Description: Rt 47 and Galena

Dept.: Public Works ▼

Project Type: New Project Replacement/Maint.
 Expansion Non-CIP Item

Fund: 130-Capital Improvement ▼

Priority: Ongoing ▼

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Design Engineering						500,000	500,000
Construction Engineering						375,000	375,000
Land Acquisition						50,000	50,000
Infrastructure Improvements						2,500,000	2,500,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	-	-	-	-	-	3,425,000	3,425,000
Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
▼							-
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-

1. Briefly Describe and provide justification for this Capital Project Request.

This project is for the reconstruction of Rt 47 at Galena, Bristol Bay Drive and US Route 30 as part of the Bristol Bay project.

2. Describe the project status and completed work.

Work not initiated

3. Describe any anticipated grants related to the project.

None

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expenses		-	-	-	-	-	-

Map and/or pictures of Project/Project Area:



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

NB #8

Tracking Number

PW 2016-28

Agenda Item Summary Memo

Title: Bond/LOC Reduction Summary – 3/31/16

Meeting and Date: Public Works Committee – April 19, 2016

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:

Have a question or comment about this agenda item?

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



Memorandum

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

Date: March 31, 2016
Subject: 2016 Bond/LOC Reduction Summary – To Date

Please see the attached reduction summary through March 31, 2016. If you have any questions, please let me know.



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

Agenda Item Number

OB #1

Tracking Number

PW 2015-45

Agenda Item Summary Memo

Title: E-Waste Recycling

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: See attached memo.

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:



Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, Administrator
Date: April 14, 2016
Subject: e-waste collection

All,

We finally set a date for e-waste recycling. We are going to collect e-waste from Yorkville residents on May 23-May 27 here at the public works facility at 610 Tower Lane.

There have been 3 issues holding this project from proceeding

1. Com2 is very busy since most of the other e-waste recyclers are out of business
2. PW is very busy and does not really have any extra manpower
3. The bins have to be kept inside, and when it was cold I was not willing to have our plow trucks sit out in the weather to have e-waste sit inside.

Now that it is warmer, we will be able to park our trucks outside for the week to allow the bins to stay inside. Com2 will be able to drop off 10 bins to start and will be available to drop off additional bins and take away full ones if needed during the week. PW will also have summer help available to check ID's and make sure the resident is from Yorkville and to show them which bin the electronics are to be placed.

Below please find a list of rules for the drop off week.

1. Must be able to prove that you live in Yorkville city limits
2. All drop offs are between 7:00 AM – 3:30 PM.
3. Anyone caught dropping off after hours will be fined
4. Only certain items can be accepted by our vendor, we have the right to refuse to take any item for any reason.
5. We can NOT assist in carrying any electronics.

I have attached a list of accepted items that our vendor will collect.

General list of items we take

Computers (desktop, notebook, tablet, laptops)

Computer monitors

Printers

Televisions

Cable receiver

Digital Converter Box

Facsimile machines

Electronic Keyboards and Mice

Satellite Receiver

Scanners

Video game consoles

Videocassette recorders

Digital Video Disc Recorders

Portable Digital Music Players

Digital Video Disc Players

Computer cable

Cell phones

Portable digital assistants (PDAs)

Zip drives

Stereo Equipment (No Wood)

Power Tools or Cords

Cameras

Camcorders

Shredders

Answering Machines

Calculators

Telephones

Typewriters

Postage Machines



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

Agenda Item Number

OB #2

Tracking Number

PW 2015-55

Agenda Item Summary Memo

Title: Route 47 – Pedestrian Crossings

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: Discussion

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: None

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

Agenda Item Notes:



Memorandum

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

Date: December 8, 2015
Subject: Rt 47 and Main Street – Pedestrian Crossing

There are 11 pedestrian crossings across IL Route 47 within Yorkville city limits. Of the 11 crossings, only three (3) locations are located outside of a traffic signal: one (1) at Orange Street, one (1) at Hydraulic Street and one (1) at Main Street. At Orange Street, a set of school crossing signs have been installed that light up when a pedestrian push button is activated. A crossing guard is also present before and after school to aid the students in crossing IL Route 47. The crossings at Hydraulic Street and Main Street do not currently have lighted signs. A map showing the crossings along IL Route 47 is attached.

As requested, we investigated the pedestrian crossing on IL Route 47 at Main Street due to safety concerns raised by the City. Our findings are below.

Existing Conditions and Observations:

On Friday, December 4th, 2015, EEI personnel completed field investigations of the existing conditions and traffic patterns along IL Route 47 at Main Street.

IL Route 47 at the intersection with Main Street is a five (5)-lane roadway, two (2) lanes each direction with a left-turn lane on the northbound approach and a bidirectional left-turn lane on the southbound approach. The width of the roadway is 63 feet. The average daily traffic along IL Route 47 at this location is 19,500 vehicles per day (taken from the traffic count map on IDOT's website).

Signage/Markings

On northbound IL Route 47, a pedestrian crossing ahead sign is provided approximately 250' in advance of the crosswalk at Main Street, with a pedestrian crossing sign also located at the crosswalk. On southbound IL Route 47, a pedestrian crossing ahead sign is provided approximately 260' in advance of the crosswalk, with a pedestrian crossing sign also located at the crosswalk. The crosswalk is delineated by two (2) 6" wide white transverse markings with red colored concrete in between. Main Street is controlled by stop signs at both approaches and IL Route 47 is uncontrolled. A view of the crossing facing northbound is on the following page.



Photo 1. Crosswalk on IL Route 47 at Main Street, Facing Northbound

Traffic and Pedestrian Patterns

Vehicular and pedestrian traffic was counted from 6:45am to 8:45 am and from 2:00 pm to 4:00 pm for the intersection of IL Route 47 and Main Street. During each of the time periods counted, a peak 30-minute period was identified. The table below shows the AM and PM ½ hour peak observed.

Time Period	<i>December 2015</i>	
	<i>Opposing Traffic</i>	<i>Pedestrians</i>
7:56-8:25 AM	911	1
3:25-3:54 PM	985	3

All pedestrians that crossed IL Route 47 at Main Street crossed the first two (2) lanes of traffic, waited in the bi-directional left turn lane, and crossed the other two (2) lanes of traffic when there was a large enough gap for them to continue. It was generally observed that the majority of the pedestrian traffic crossed IL Route 47 at Somonauk Street.

In addition to vehicular and pedestrian traffic counts, gaps in traffic greater than 21 seconds were also recorded as a gap long enough for a pedestrian to cross at this location. The 21 second interval was estimated using a crossing speed of 3.5 feet per second (taken from the MUTCD) and a pedestrian startup time of 3 seconds. There were five (5) gaps in the traffic on IL Route 47 that met that length in the AM period and five (5) gaps recorded in the PM period. According to the Institute of Transportation Engineers, longer crossing times are needed for school-aged children. They recommend using 2.0 feet per second for elementary school children, 2.5 feet per second for middle school children, and 3.0 feet per second for high school children. Based on those crossing speeds, only one (1) gap in the PM period was

long enough for elementary and middle school students, and two (2) additional gaps in the AM period were long enough for high school students. There were no gaps in the AM period that were long enough for elementary or middle school students.

Sight Distance

One concern raised by the City was possible sight distance constraints of northbound motorists due to the steep grade of the approach. According to the AASHTO Green Book, the stopping sight distances on upgrades of 3% and 6% are 237 feet and 229 feet, respectively. Since the IL Route 47 improvement plans show a grade of 5.5% on the northbound approach, the stopping sight distance required would be slightly over 230 feet. When viewing the crossing from the pedestrian ahead crossing on the northbound approach, the pedestrian crossing sign is visible (see Photo 2 below). Since the pedestrian ahead sign is located approximately 250 feet from the crossing as stated earlier in this memo, it appears that the stopping sight distance requirement is fulfilled, although it may be more difficult for motorists to see smaller pedestrians at that distance.



Photo 2. Northbound Approach of Pedestrian Crossing

Street Lighting

Another concern raised by the City was visibility of the pedestrians to passing motorists during nighttime conditions. There is currently an overhead light at the southeast corner of the intersection which provides some illumination. Similar lighting was also present before the recent IL Route 47 improvements. With the IL Route 47 lighting project, there will be four (4) additional light poles installed near the intersection in early 2016; two (2) on IL Route 47 and two (2) on Main Street. This will increase the visibility of the crosswalk and pedestrians and will meet the current standards.

Analysis and Review of Conditions

The section on crosswalks in the MUTCD is in the process of being updated. The updated portion will read as follows:

“New marked crosswalks alone, without other measures (enhancements) designed to reduce traffic speeds, shorten crossing distances, enhance driver awareness of the crossing, and/or provide active warning of pedestrian presence, should not be installed across uncontrolled roadways where either:

- A. The roadway has four or more lanes of travel without a raised median or pedestrian refuge island and an ADT of 12,000 vehicles per day or greater; or*
- B. The roadway has four or more lanes of travel with a raised median or pedestrian refuge island and an ADT of 15,000 vehicles per day or greater, or:*
- C. The speed limit exceeds 35 mph (60 km/h).”*

Since there are five (5) lanes of travel, no raised median or pedestrian refuge island present, an ADT of 19,500 vehicles per day, minimal pedestrian traffic, and very few gaps in traffic long enough for pedestrians to cross at this location, we would recommend that a pedestrian crossing not be installed at this location.

However, since the crossing has already been established, we have evaluated installing other measures to enhance driver awareness of the crossing and provide active warning of pedestrian presence.

Signal Warrants

First, we reviewed the traffic signal warrants based on pedestrian volume. According to the MUTCD, Signal Warrant 4, Pedestrian Volume, the minimum required number of pedestrians crossing the major street at an intersection during an average day is 107 or more for each of any four hours or 133 or more for any one hour period. For Signal Warrant 5, School Crossing, the minimum required number of pedestrians is 20 during the highest crossing hour. Since neither warrant is met based on pedestrian volume observed, the need for a traffic signal is not justified.

Pedestrian Hybrid Beacons

A pedestrian hybrid beacon is used to control traffic at an unsignalized location to assist pedestrians in crossing at a marked crosswalk. It can be used at locations where a traffic signal is not warranted or the decision was made to not install a traffic control signal. However, the guidelines for installation of a pedestrian hybrid beacon require a minimum pedestrian volume of 20 for one hour of an average day. The pedestrian volume observed does not fit this criterion, so installing a pedestrian hybrid beacon is not justified.

Increasing Sign Conspicuity

Since traffic signals and pedestrian hybrid beacons are not warranted, another option is increasing the sign conspicuity of the pedestrian crossing signs. Section 2A.15 of the MUTCD offers several suggestions to accomplish this. Some options that could be used include: adding a red or orange flag above signs,

adding a warning beacon to the sign, adding LED lights to the sign, or adding a strip of retroreflective material to the sign support.

Pavement Markings

Pavement markings can also be used to supplement the conspicuity of a crosswalk, such as adding ladder markings within the transverse crosswalk lines. However, because of the grade of the northbound approach, motorists cannot see the crosswalk markings until they are fairly close. For that reason, this may not be an appropriate option.

Conclusions and Recommendation

If the City chooses to enhance driver awareness, based on our observations we would recommend signage enhancements to the pedestrian crossing. We recommend the Rectangular Rapid Flashing Beacon (RRFB) as it is more conspicuous to motorists. Photo 3 (below) shows an example of a RRFB assembly at a crosswalk. We recommend replacing the existing pedestrian crossing signs accompanying the “AHEAD” plaque to be replaced with LED blinker signs. We also recommend replacing the existing signage assemblies at the crosswalk (pedestrian crossing signs with diagonal downward arrow plaques) with RRFB assemblies with pedestrian push buttons (new assemblies to include the pedestrian crossing sign and diagonal downward arrow plaque). A signage enhancement exhibit is attached.



Photo 3. Sample RRFB Installation in Phoenix, AZ

Signage Costs

The flashing blinker signs are approximately \$1,800 per sign. The RRFB assemblies with pedestrian push button (including the pedestrian crossing sign and diagonal downward arrow plaque) cost approximately \$5,000 per assembly. The total cost of the proposed signage enhancements is approximately \$13,600.

IDOT/FHWA Requirements

Since the signage enhancements would be performed within state right-of-way, an IDOT highway permit will be required. The Highway Permit form (OPER 1045) will need to be filled out including a description of the proposed work, location map, detailed drawings, traffic studies, traffic control plan and other pertinent information. IDOT will review the permit request and determine if anything other information is required to be submitted, such as the Individual Highway Permit Bond (OPER 1046).

The RRFB is not in the current version of the MUTCD but an Interim Approval (IA-11) Memorandum has been issued. In order to install the RRFB, the Federal Highway Administration requires a letter to request approval of installation.

Future Considerations

Further study may be prudent in warmer weather as pedestrian counts may be higher in the spring or summer months than what was observed at this time. In addition, more commercial development may warrant review of the safety of the crossing to ensure that no changes in traffic patterns or pedestrians affect the safety and mobility.



Legend

- Crosswalks
- Traffic Signals

0 600 1,200 Feet

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

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

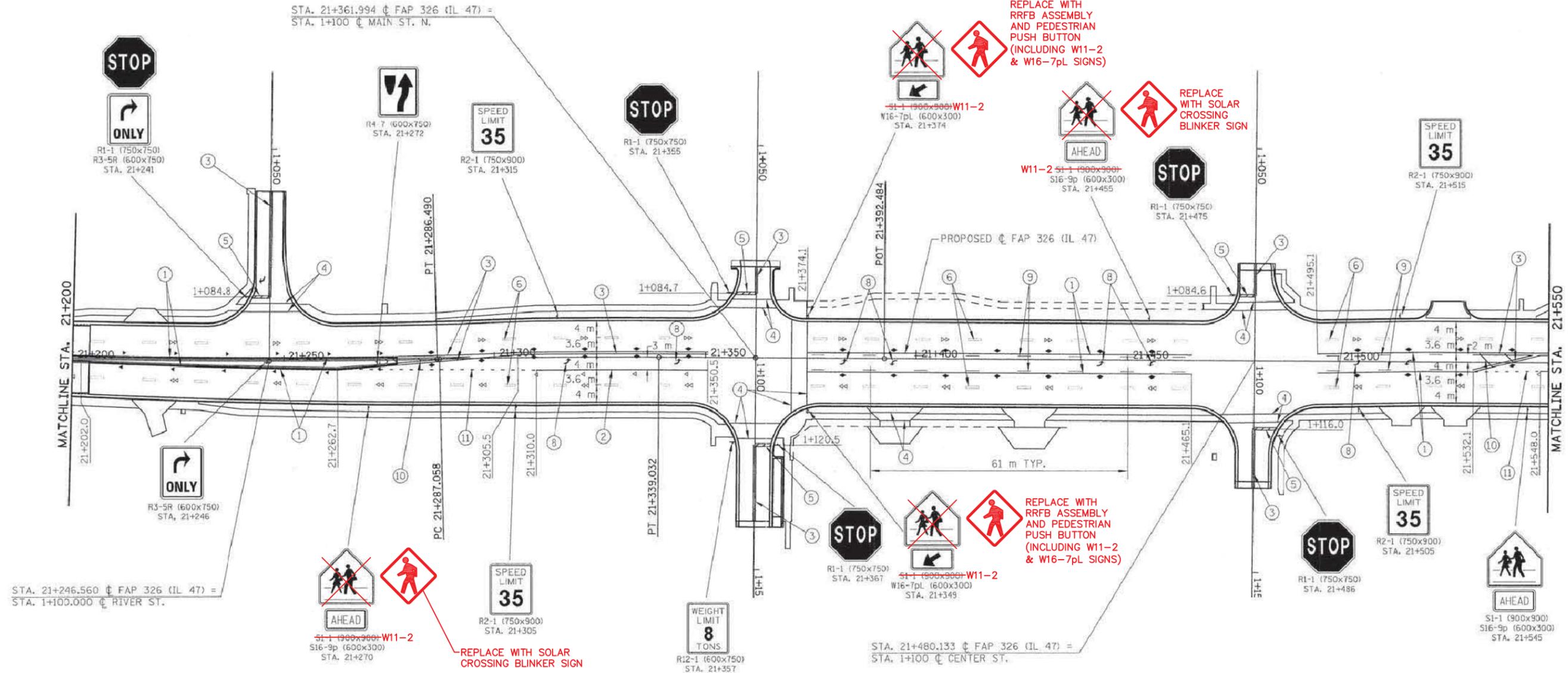
DATE: AUGUST 2015
 PROJECT NO.: Y01109
 BY: KKP
 PATH: HGIS\PUBLIC\YORKVILLE\2011\Y01109
 FILE: Y01109_CROSSWALK.MXD

ILLINOIS ROUTE 47 IMPROVEMENTS
 UNITED CITY OF YORKVILLE, ILLINOIS

ROUTE 47 CROSSWALKS



Plotted: December 8, 2015 @ 4:07 PM By: Kris Pump - Tab: Signs Exhibit - 22x34



STA. 21+246.560 FAP 326 (IL 47) =
 STA. 1+105.000 F RIVER ST.

STA. 21+361.994 FAP 326 (IL 47) =
 STA. 1+100 F MAIN ST. N.

STA. 21+480.133 FAP 326 (IL 47) =
 STA. 1+100 F CENTER ST.

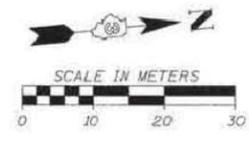
PAVEMENT MARKING LEGEND

- | | |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW) | ⑦ 300 mm SOLID (WHITE) |
| ② 200 mm SOLID (WHITE) | ⑧ LETTERS & ARROWS |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE) | ⑩ 300 mm SOLID (YELLOW) |
| ⑤ 600 mm SOLID (WHITE) | ⑪ 200 mm DOTTED (WHITE) |
| ⑥ 150 mm SKIP DASH (WHITE) | ⑫ 100 mm SOLID (WHITE) |

RAISED REFLECTIVE PAVEMENT MARKING

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

NOTE:
 THE SCHOOL CROSSING SIGNS (S1-1) WERE
 NOT INSTALLED ON ROUTE 47 AT MAIN
 STREET. PEDESTRIAN CROSSING SIGNS
 (W11-2) WERE INSTALLED INSTEAD.



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

UNITED CITY OF YORKVILLE
 KENDALL COUNTY, ILLINOIS

NO.	DATE	REVISIONS

ROUTE 47 AND MAIN STREET
 PEDESTRIAN CROSSING

SIGNAGE ENHANCEMENT
 EXHIBIT

DATE: DECEMBER	2015
PROJECT NO:	Y01529
FILE:	Y01529-SIGNS
SHEET	1 OF 1

Path: H:\SOSKPROJ\Y01529\DWG EXHIBIT\Y01529-SIGNS



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

Agenda Item Number

OB #3

Tracking Number

PW 2015-56

Agenda Item Summary Memo

Title: Maintenance of Stormwater Management Facilities - Update

Meeting and Date: Public Works Committee – April 19, 2016

Synopsis: See attached memo.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: _____

Council Action Requested: _____

Submitted by: Eric Dhuse Public Works
Name Department

Agenda Item Notes:



Memorandum

To: Public Works Committee
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, Administrator
Date: April 14, 2016
Subject: Storm water basin check update

At this time, EEI is checking the storm water basins at the following locations:

Windett Ridge

2 wet ponds with turf grass banks

1 wet pond with naturalized banks

These basins are being checked as part of the acceptance process for this development. Any deficiencies will be noted and remedied in a short period of time to ensure acceptance by the city. Once accepted, these basins will go into the rotation for a check in 4-5 years.

Grande Reserve

All storm water basins are being checked as part of creating an up to date punch list for the entire subdivision. Deficiencies will be reported to the developer for remedy. Currently we do not have a time frame for any remedies, but we will keep you informed when one becomes available.

It is still my intention to check 25% of the basins this year. My plan, as of now, is to get the forms as completed as possible now (owner, subdivision, type, etc.) and perform the actual inspections as time allows during the course of the summer/fall. We will keep you updated as the project progresses.

Legend

- Dry Pond**
- Wet Pond**
- Naturalized Pond**

0 2,000 4,000
Feet

