



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	2018-19 Water Main Rehabilitation		
Presenter & Title:	Bob VanGyseghem, Superintendent of Water & Wastewater		
Date:	1/22/2019		
<i>Please Check Appropriate Box:</i>			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Estimated Cost: \$797,225		Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
Executive Summary:			
<p>Fiscal Year 2019 have funds budgeted for water main construction related to the Union Pacific Railroad Third Rail Project and water system improvements in the area by the Kane County Cougars Stadium.</p> <p>A requirement of the Third Rail Project was to extend casing pipes of any water main and sanitary sewer crossings beyond the Right-of-Way line if the existing casings were installed short of the ROW and to relocate any water main that is located within the railroad ROW. Any work for this is not reimbursable because it is in the railroad Right-of-Way. Two crossing locations are affected by this. The first location consists of eliminating a water main crossing just east of Randall Road. Rather than extend a casing pipe beyond the Right-of Way, the water main will be cut, filled with a concrete like material, and capped. In 2009 this crossing had a water main break just south of the tracks and was very difficult to repair due to access limitations. The water system no longer needs this crossing for optimal performance. The second location is at Western Avenue. Currently there is a six (6) inch water main crossing and a twelve (12) inch water main crossing. The water main work will eliminate the six (6) inch crossing that is no longer needed, and relocate the twelve (12) inch water main out of the Right-of-Way.</p> <p>The water main system improvements in the area of the Kane County Cougars Stadium will install a new railroad crossing at S. Glengarry and connect to the water main on the north side of the Cougars Stadium. This new crossing will provide increased fire flow to area north of the railroad tracks, will loop the system, and will provide increased system reliability in the event of a water main break.</p> <p>The project was advertised in the Daily Herald on December 19, 2018 and posted on the City Web site. Ten (10) Bids were received and opened on January 14, 2019. The low</p>			

bidder of the project is J. Congdon Sewer Service, Inc. of Carol Stream, IL at a cost of \$724,750.76

Due to the complexity of the project, staff is recommending that a 10% contingency be included in the overall not-to-exceed amount to account for any unforeseen field changes that may occur. Any field changes (Change Orders) must be approved by the City Administrator to be applied to the contingency.

Attachments: *(please list)*

- Resolution
- Bid Tab
- Rempe-Sharpe Memo
- Maps

Voting Requirements:

This motion requires _6_ affirmative votes for passage.

The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.

Recommendation / Suggested Action: *(how item should be listed on agenda)*

Staff requests that the City Council authorize the City Administrator to enter into a contract with J. Congdon Sewer Service, Inc., Carol Stream at a cost of \$724,750.76 and allow the City Administrator to approve up to \$72,474.24 in change orders for a total not-to-exceed amount of \$797,225.00.

RESOLUTION NO. 2019-12
RESOLUTION AUTHORIZING EXECUTION OF
Contract with J. Congdon Sewer Service

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a contract with J. Congdon Sewer Service, Inc. relating to the 2018-19 Watermain Rehabilitation.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this 4th day of February, 2019

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this 4th day of February, 2019.

Mayor

ATTEST:

City Clerk



City of Geneva

Summary of Bids

Name of Project: 2018 Water Main Replacement

Recorded By: Bob Van Gyseghem

Opened By: Rita Kruse

Date/Time: 1/14/2019 10:00 AM

Approved Engineer Estimate/ Budget :

CONTRACTOR NAME	BID PRICE	BID BOND OF PRICE %	TYPE OF PAYMENT FOR BID BOND	REMARKS	ADDENDUM
J. Congdon	\$724,750.76	5%			
Copenhaver	\$728,065.42	5%			
Trine Const.	\$740,047.00	5%			
Performance Const.	\$758,800.00	5%			
Cecchin Plumbing	\$874,076.00	5%			
Martam Const.	\$887,977.00	5%			
Bolder Contractors	\$918,758.00	5%			
Fox Excavating	\$949,828.00	5%			
Mauro Const.	\$969,886.00	5%			
Archon Const.	\$1,016,500.00	5%			

**REMPE-SHARPE**

& Associates, Inc.

Principals

J. Bibby P.E. S.E.
 D. Watson P.E.

 B. Aderman P.E.
 B. Bennett P.E. CFM
 L. Vo P.E.

CONSULTING ENGINEERS

324 West State Street
 Geneva, Illinois 60134
 Phone: 630/232-0827 – Fax: 630/232-1629

January 14, 2019

City of Geneva
 1800 South Street
 Geneva, IL. 60134

Attn: Bob Van Gyseghem

Re: 2018 Watermain Rehabilitation

File: GE-537

Dear Mr. Van Gyseghem,

In accordance with the Advertisement for Bids, the City of Geneva opened bids for the 2018 Watermain Rehabilitation project on January 14, 2019. The project consists of the installation of 43 LF of 6" DIP, 1,350 LF of 12" DIP, and 310 LF 16" DIP watermain, along with water service reconnections, appurtenances and related restoration work located at various locations in the City of Geneva, for the future UPRR Project.

Prior to bidding, the project was advertised in the Daily Herald on December 19, 2018 and sent to sixteen local underground utility contractors along with two construction journals.

Fifteen (15) contractors purchased plans and specifications for the project. Bids were submitted by ten (10) contractors. The bids were as follows:

<u>BIDDER</u>	<u>BASE BID</u>
J. Congdon Sewer Service, Inc., Carol Stream, IL	\$ 724,750.76
Copenhaver Construction, Gilberts, IL	\$ 728,065.42
Trine Construction Corp., West Chicago, IL	\$ 740,027.00
Performance Construction and Engineering – Yorkville, Yorkville, IL	\$ 758,803.00
Cecchin Plumbing & Heating, Inc., Bloomingdale, IL	\$ 874,076.00
Martam Construction Inc., Elgin, IL	\$ 887,977.00
Bolder Contractors, Cary, IL	\$ 918,758.00
Fox Excavating Inc., Batavia, IL	\$ 949,828.00
Mauro Sewer Construction Inc., Des Plaines, IL	\$ 969,886.00
Archon Construction Company, Addison, IL	\$ 1,016,500.00
Engineer's Estimate	\$ 781,922.00

City of Geneva
Attn: Bob Van Gyseghem

2018 Watermain Rehabilitation
January 14, 2019
Page 2 of 2

The attached Bid Tabulation gives an itemized cost for all of the bids. The low bidder J. Congdon Sewer Service, Inc., of Carol Stream, IL, base bid was \$57,171.24, or 7.31%, lower than the Engineer's Estimate of \$ 781,922.00.

The Engineer has worked with the Contractor, J. Congdon Sewer Service Inc., on similar projects in the past for other municipalities. The Contractor completed the projects and the Engineer has found the Contractor's work to be in compliance with the Contract Documents.

Therefore, Rempe-Sharpe & Associates, Inc. recommends that City of Geneva award the Project in the amount of Seven Hundred Twenty- Four Thousand, Seven Hundred Fifty Dollars and Seventy- Six Cents (\$724,750.76) to J. Congdon Sewer Service Inc., of Carol Stream, IL.

Enclosed, please find three (3) copies of the Notice of Award for the 2018 Watermain Rehabilitation project. Upon the City's approval, please sign and date all three (3) copies of the Notice of Award. Send one signed copy to the Contractor, J. Congdon Sewer Service, Inc., return one signed copy to Rempe-Sharpe & Associates, Inc., and retain one signed copy for the City's files. Our office will arrange for a pre-construction meeting with J. Congdon Sewer Service, Inc., after the Notice of Award is signed.

If there are any questions, please feel free to contact the undersigned.

Very truly yours,

REMPE-SHARPE & ASSOCIATES, INC.
BY:



Daniel A. Watson, P.E.

Enclosure

SDF-6-9 (2)
GE-537

NOTICE OF AWARD

Dated _____, 2019

TO: J. Congdon Sewer Service, Inc.ADDRESS: 170 - A Alexandra WayCarol Stream, IL 60108630-510-2434PROJECT: CITY OF GENEVA - WATERMAIN REHABILITATION

CONTRACT: The project **2018 WATERMAIN REHABILITATION** consists of the installation of 43 LF of 6" DIP, 1,350 LF of 12" DIP, and 310 LF 16" DIP watermain, along with water service reconnections, appurtenances and related restoration work located at various locations in the City of Geneva, in accordance with the Plans and Specifications as set forth in the Contract.

You are notified that your Bid dated January 14, 2019, for the above Contract has been considered. You are the apparent successful bidder and have been awarded a contract for CITY OF GENEVA - 2018 WATERMAIN REHABILITATION project.

The Contract Price of Seven Hundred Twenty Four Thousand, Seven Hundred Fifty Dollars and Seventy Six Cents (\$724,750.76).

Four (4) copies of each of the proposed Contract Documents (except Drawings) accompany this Notice of Award. Four (4) sets of the Drawings will be delivered separately or otherwise made available to you immediately.

You must comply with the following conditions precedent within ten days of the date of this Notice of Award.

1. You must deliver to the OWNER four (4) fully executed counterparts of the Agreement including all the Contract Documents.

2. You must deliver with the executed Agreement the Contract Security (Bonds) as specified in the Instructions to Bidders (paragraph 17), General Conditions (paragraph 5.1) and Supplementary Conditions (paragraph SC-5.1).

3. (List other conditions precedent).

Addendum No. 1 _____

Addendum No. 2 _____

Failure to comply with these conditions within the time specified will entitle OWNER to consider your bid abandoned, to annul this Notice of Award and to declare your bid security forfeited.

Within ten days after you comply with these conditions, OWNER will return to you one fully signed counterpart of the Agreement with the Contract Documents attached.

CITY OF GENEVA

BY: _____

TITLE: _____

Copy to ENGINEER

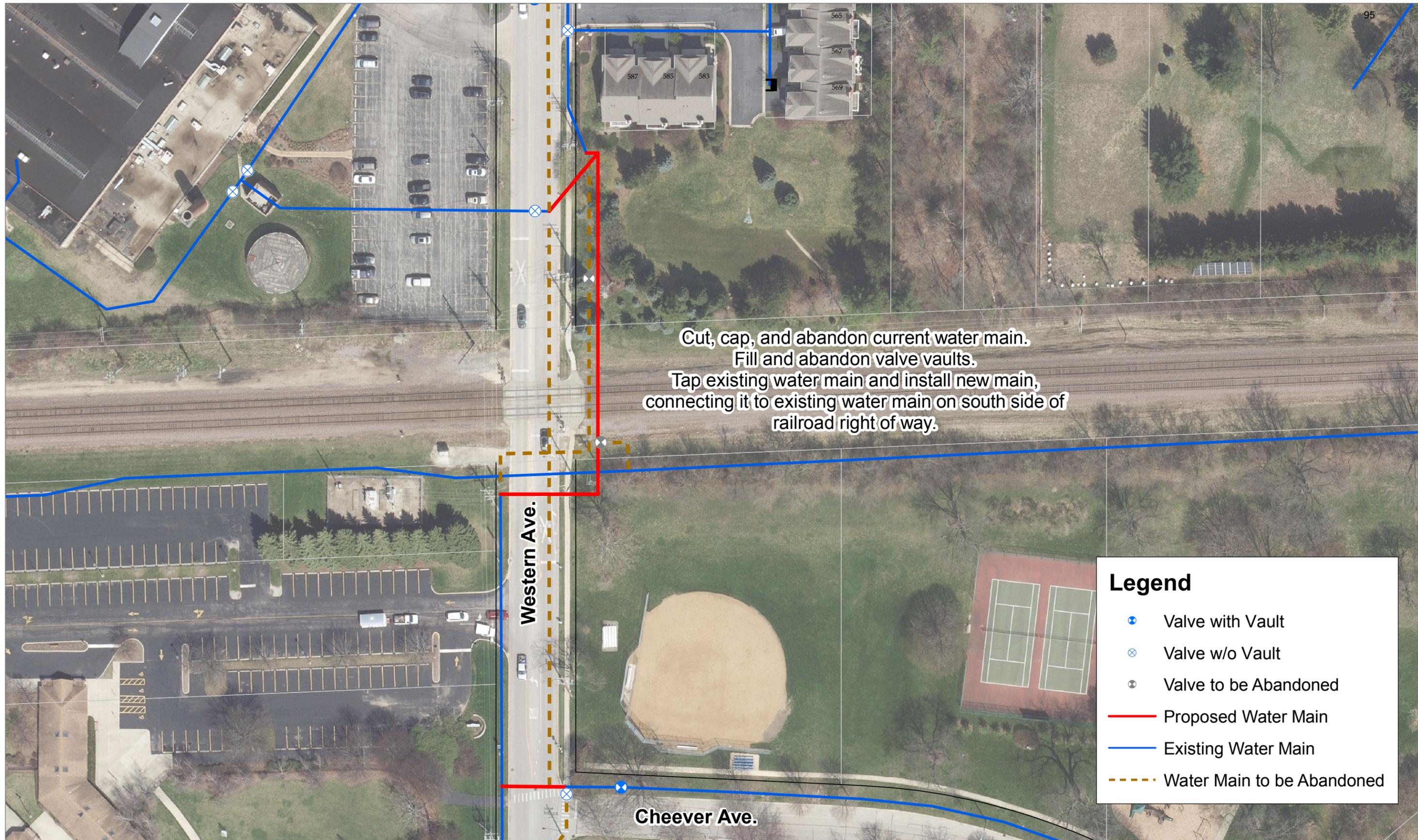


WATER MAIN IMPROVEMENTS - RANDALL RD.

Information shown on this map is schematic in nature and accuracy is not guaranteed. It is the responsibility of the user to field verify all information shown. The data is subject to change without notice. Original base maps provided via intergovernmental agreement with Kane County GIS- Technologies. Reproduction without permission from the City of Geneva is forbidden.

GENERATED BY:
City of Geneva, Illinois
Engineering Division
M.B. - January 2019





Legend

- ⊕ Valve with Vault
- ⊗ Valve w/o Vault
- ⊗ Valve to be Abandoned
- Proposed Water Main
- Existing Water Main
- - - Water Main to be Abandoned

N

 NOT TO SCALE

WATER MAIN IMPROVEMENTS - WESTERN AVE.

Information shown on this map is schematic in nature and accuracy is not guaranteed. It is the responsibility of the user to field verify all information shown. The data is subject to change without notice. Original base maps provided via intergovernmental agreement with Kane County GIS- Technologies. Reproduction without permission from the City of Geneva is forbidden.

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 City of Geneva, Illinois
 Engineering Division
 M.B. - November 2018





Cut into existing water main and install new main to connect to existing main servicing Cougar Stadium

Legend

- ⊕ Valve with Vault
- ⊗ Valve w/o Vault
- Proposed Water Main
- Existing Water Main
- - - Water Main to be Abandoned

N
NOT TO SCALE

WATER MAIN IMPROVEMENTS - COUGAR STADIUM

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GENERATED BY:
City of Geneva, Illinois
Engineering Division
M.B. - November 2018

