



**CITY OF RIVER FALLS WISCONSIN
UTILITY ADVISORY BOARD AGENDA
VIRTUAL MEETING
MAY 3, 2021**

*****Please note that due to the ongoing COVID-19 public health emergency, members of this governing body will attend virtually. The City Council Chambers will be open to the public but limited to 10 attendees or less due to social distancing. (Use the lower level doors.) For your personal safety and the safety of our community, interested persons are invited to watch from their homes in lieu of attending the meeting in person. *****

The public may view/listen to the meeting by:

Calling Toll Free: 1-844-992-4726, Access code: 132 738 4744, Event password: 1234

Visiting the web link: <https://tinyurl.com/RFUAB5321>

Viewing the City's YouTube Channel: <https://www.youtube.com/user/cityofriverfalls>

Call Meeting to Order: 6:30 p.m.

Roll Call

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

PUBLIC COMMENT, PETITIONS, REQUESTS AND COMMUNICATIONS:

1. Public Comment

NEW BUSINESS:

2. Resolution Advising City Council of Award of Contract for South Main Lift Abandonment and Casing Installations

ADJOURNMENT:

*Council members may be in attendance for informational purposes only.
No official Council action will be taken.*

Posted: 04/22/2021

Published Hudson Star Observer: 04/29/2021



MEMORANDUM

TO: Utility Advisory Board

FROM: Ronald Groth, Water/Wastewater Superintendent

DATE: May 3, 2021

TITLE: Resolution Advising City Council of Award of Contract for South Main Lift Abandonment and Casing Installations

RECOMMENDED ACTION

Adopt a resolution recommending City Council award the contract for abandoning the South Main Lift Station, rerouting of gravity sewer, installing a water main casing, and installing a sewer main casing to Total Excavating, LLC.

BACKGROUND

In 1983 the South Main Lift Station was installed to primarily serve the Woodridge development south of Cemetery Road and east of STH 29/35. It also serves a small area north of Cemetery on the east and west sides of Main Street. The lift station discharges to a manhole at the intersection of Hamilton and South Main.

In 2005 the Spring Creek Lift Station was put in as part of the Spring Creek Development. The elevation of this lift station was substantially lower than S. Main Lift. Areas east of STH 29/35 could now be served by a gravity system which flowed all the way to Spring Creek Lift. Part of the 2005 project also included extending a stub from Julie Avenue to the east. The elevation of this stub allowed for the eventual elimination of S. Main Lift.

In 2007 as part of phase 3 of Sterling ponds a water main stub was installed to facilitate looping the water system on the east and west sides of STH 29/35.

Attachment A shows current and proposed facilities.

Discussion

The work will include abandonment of the lift station, extending sewer across STH29/65, redoing a portion of the existing collection system to change the direction of flow, installing a water main casing, and a sewer main casing in anticipation of potential future developments.

The lift station and collection system work accomplish one of the wastewater utilities long-term goals. The project will improve the system reliability in the South Main collection system area.

Removal of the lift station will save approximately 100 hours per year in emergency and routine maintenance. Most of the control system, valving, and 2 lift pumps are from 1983. Upgrading the lift station to current standards would cost around \$35,000.

The installation of the water main casing will allow an additional connection of the water system on the east and west sides of STH 29/35. The additional connection will increase redundancy and improve system reliability.

Development has been approached by a landowner on the east side of STH 29/35. The parcel of land sits just south of the current City limits. Development of the parcel would require extension of water and sewer mains. The elevation of the parcel requires a deeper sanitary sewer than is currently available. The casing being installed as part of this project would allow connection to existing sanitary sewer with elevation to serve the entire parcel by gravity flow.

Road construction on STH 29/35 is taking place during the spring/summer of 2021. Work is being performed from Cemetery Road in River Falls to Prescott. Part of the project calls for pavement removal extending south from Cemetery Road. With this work STH 29/35 will be detoured and the project area will be closed to through traffic. With the road closure and surface removal, installing the crossing and additional casings will be able to be done by open trench as opposed to the more expensive bore/jack method.

The project included a base bid which was the lift abandonment work and collection system modification. Alternate 1 was installation of a water casing and alternate 2 was installation of a sewer casing. Bids were opened April 8, 2021.

Bid Tally

Bidder	Total Excavating, LLC	Pember Companies, Inc.	Haas Sons, Inc.
Base bid	\$76,704.50	\$111,840	\$150,527.50
Alternate 1	\$30,078.00	\$32,000	\$69,400
Alternate 2	\$44,952.00	\$80,500	\$183,400
Total	\$151,734.50	\$224,340	\$403,327.50

Financial Considerations

The 2021 CIP contains \$135,000 for the project. Engineering and construction administration for the lift station removal, sanitary main reconfiguration, and installation of the water main casing

is \$26,000. Low bid for these two items is \$106,782.50. Total cost for the base bid and alternate 1 is \$132,782.50.

Development is proposing the City installs the sewer casing and holds the cost until the property is annexed to the City. Per 19.100.030.C. of the Municipal Code, it is anticipated that a capital cost study will be prepared at the time of future annexations to the City. The owner/developer of any area that will benefit from this sewer casing project will be required to pay their proportionate share of the project cost at the time of annexation. Total current costs for alternate 2, construction and engineering, is \$47,452.00. The cost for the sewer casing was not included in the 2021 CIP.

See sources and uses table below for project funding. All costs include engineering.

Sources		Uses	
Wastewater capital funds	\$102,454.50	Lift removal and collection system work	\$102,454.50
Water capital funds	\$30,078.00	Water Casing	\$30,078.00
Wastewater capital funds	\$47,452.00	Sewer Casing *	\$47,452.00
Total Sources	\$179,984.50	Total Uses	\$179,984.50

*Amount refundable through annexation process.

Through the bidding process a price was obtained for installing the sewer casing using the bore/jack method. This method would need to be used if the casing installation was done once road construction is finished. Bore/jack costs for the sewer casing came in at \$140,000.

Conclusion

STH 29/35 roadwork will be taking place throughout the summer. With the pavement removal and traffic detour the utility project will realize substantial cost savings.

The project will increase system reliability of the South Main Lift Station collection system. Looping the water system across STH 29/35 will improve redundancy and reliability of the southern end of the water distribution system. The casing installation will be the first step in this process. Installation of the sewer casing now will result in a significant cost savings and facilitate future development.

It is recommended the Utility Advisory Board pass the resolution recommending to Council to award the base bid, alternate 1, and alternate 2 in the amount of 151,734.50 to Total Excavating, LLC.

Attachment A



Cemetery Road

South Main Lift

Water Casing

Sewer Casing

New gravity crossing

STH 29/35

Spring Creek Lift



RESOLUTION NO. 2021-XX

RESOLUTION ADVISING CITY COUNCIL OF AWARD OF CONTRACT FOR SOUTH MAIN LIFT ABANDONMENT AND CASING INSTALLATIONS

WHEREAS the project will eliminate South Main Lift Station reducing maintenance and improving system reliability; and

WHEREAS the collection system will be modified to allow the area served by the lift station to run by gravity to Spring Creek Lift Station; and

WHEREAS the project will install a water main casing to facilitate future connection of the water system across STH 29/35 improving system reliability; and

WHEREAS the project will install a sewer casing to serve parcels on the east side of STH 29/35; and

WHEREAS the sewer casing will be refundable to the City through the annexation process; and

WHEREAS through the competitive bidding process Total Excavating, LLC was the lowest qualified, responsible bidder; and

WHEREAS the bid amount was \$151,734.50.

NOW, THEREFORE BE IT RESOLVED that the Utility Advisory Board recommends the City of River Falls Common Council award the construction contract to Total Excavating, LLC in the amount of \$151,734.50.

Dated this 3rd day of May 2021.

ATTEST:

Patrick Richter, Chair

Amy White, City Clerk