



Common Council Report

Agenda Item: Discussion, Direction, and Possible Action Regarding the Potential Madison Avenue Water Main and Road Improvement Project
Meeting Date: July 5, 2022
Presenter: Mark Langer, Public Works Director
Department: Public Works

Conformance with Strategic Plan:

- Affordability & Financial Stability
- Safe, Inclusive, Welcoming Community
- Diverse Opportunities for Fun and Life-Long Learning
- High Performing Organization with Professional Staff
- Environment for Business Success with Thoughtful Growth and Development

Summary

The Madison Avenue Water Main Replacement project includes replacement of water main and street improvements from Windsor Court to Clear Lake Avenue.

The project was advertised for bids in the Janesville Gazette on May 25th and June 1st.

Analysis and Key Issues

The bids and supporting documents have been reviewed by Baxter & Woodman and the recommendation is to award the project to the lowest responsive and responsible bidder, R.T. Fox Contractors, Inc. The project includes water main replacement, miscellaneous curb, gutter and sidewalk removal and replacement. Additionally, the project will relocate the south to north crosswalk at the western end of Madison Avenue to near Division Street with installation of Rectangular Rapid Flashing Beacons. Lastly, the as-bid project includes a full depth asphalt pavement (HMA) replacement on the westbound lane and a mill and overlay (M&O) on the eastbound lane. A mill and overlay is similar to the pavement installation last performed by WisDOT.

The total bid submitted by R.T. Fox Contractors, Inc. is \$765,074.00. The project funding breakdown including estimated engineering costs is shown in Table 1.

TABLE 1 – As-bid project costs

WATER	SEWER	STORM	GENERAL	TOTAL
\$ 607,779.60	\$ 3,408.42	\$ 40,389.80	\$ 157,396.17	\$ 808,974.00



Alternatively, the council could elect to replace the entire pavement section within the project limits with new asphalt or new concrete (PCC). The project funding breakdown for this is estimated in Table 2.

TABLE 2 – Estimated Project Costs Including Pavement Replacement (Madison Avenue only)

	WATER	SEWER	STORM	GENERAL	TOTAL
HMA	\$ 639,903.05	\$ 3,588.57	\$ 42,524.56	\$ 292,957.83	\$ 978,974.00
PCC	\$ 651,848.48	\$ 3,655.56	\$ 43,318.39	\$ 400,151.57	\$ 1,098,974.00

If the council elected to perform similar work along Clear Lake at the same time as Madison Avenue and install new water main, the total project funding breakdown is estimated at:

TABLE 3 – Estimated Project Costs Including Clear Lake Drive and Madison Avenue

	WATER	SEWER	STORM	GENERAL	TOTAL
M&O	\$ 1,389,651.36	\$ 7,793.15	\$ 92,348.84	\$ 359,876.84	\$ 1,849,670.20
HMA	\$ 1,449,572.63	\$ 8,129.19	\$ 96,330.89	\$ 663,637.49	\$ 2,217,670.20
PCC	\$ 1,479,102.45	\$ 8,294.79	\$ 98,293.29	\$ 907,979.68	\$ 2,493,670.20

The as bid project could be completed this year pending permits and weather. Funding is available if the recently approved capital transfer is used for the General Fund portion.

Other alternatives would require rebidding the project and borrowing for project funding.

WisDOT has informed staff that the earliest a pavement improvement project would be programmed for this connecting highway route is 2029.

The preferred roadway improvement alternative would include a reconstruction of the pavement structure. This comes with significant additional costs.

Fiscal Impact

This project is an unplanned capital expense and would require funding in addition to approved capital funding from the funds listed and of the amounts listed to complete the work and contingency.

The as-bid project could be funded through savings realized in other 2022 capital purchases and projects, the annual roadway maintenance fund, as well as cash on hand in the sanitary sewer, water and storm water utility for work related to those utilities. The general fund portion would require funding to be provided from the Capital fund transfer created from residual 2021 funds.

If the Common Council were to elect to pursue Option 3, this approach would address both the subject portion of West Madison Avenue and North Clear Lake Avenue, but would likely require some level of borrowing to fully fund. Additionally, this approach would remedy a long-standing infrastructure issue in the City of Milton in advance of any potential future rehabilitation from the State of Wisconsin, which at this time is unknown and unlikely to occur



this decade. By performing construction on both segments, the City of Milton could recognize considerable cost savings and less disruptions travelers on two of the most heavily trafficked road segments within the City of Milton.

Recommended Motion

City Staff is looking for direction on which option the Common Council would prefer. Staff will bring forward a funding schedule for the preferred option at a future meeting.

Attachments

- Bid Tabulation
- Baxter & Woodman – Letter of Recommendation