

## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Presenter:</b>	Scott Truedson
<b>Meeting Date:</b>	Tuesday, April 22, 2025
<b>Category:</b>	NEW BUSINESS
<b>Type:</b>	ACTION
<b>Subject:</b>	Project WW-046: Main Lift Station Renovation Project - Consider Bolton & Menk Proposal for Engineering Services
<b>Background Information:</b>	<p>The Main Lift station is located along Kossuth Avenue near Justice Park and was constructed in 1972. The Main Lift Station receives sanitary sewer from approximately 2/3 of Marshall's area and roughly half of our wastewater flow. During a dry time when our WWTF is processing 2.1MGD, the Main Lift may pump around 900,000 gallons.</p> <p>The station was originally designed with four drywell sewage pumps and valves. In the 50 years of service the pumps have been well-maintained and repaired many times due to normal use. The pumps are functional, but old technology that are not efficient and are coming to the end of their useful life. This project would remove and replace the existing pumps with four new pumps that are much more efficient. Some of the pipes and valves above the pumps would be replaced but most of the pipes and valves that are in the lift station would not need to be replaced. The electrical system in the lift station would need new cable and conduit to each pump.</p> <p>Ancillary structures south of the lift station include a manhole and a flow control structure that pass the sewer flows from the sanitary sewer trunk line to the lift station. These two structures would receive a protective lining (coating) with this project. There is also an additional lift station that was constructed in 1958 that is obsolete and will be removed or abandoned in place.</p> <p>The project is currently shown in the 2026 CIP and we feel that getting the project designed and out to bid in late 2025 should lead to more favorable bids.</p>
<b>Fiscal Impact:</b>	Work to proceed on an hourly basis not to exceed \$47,000. The 2025 Wastewater Budget identifies \$60,000 for Engineering Services.
<b>Alternative/ Variations:</b>	No alternative actions recommended.
<b>Recommendations:</b>	that the Council accept the bidding proposal from Bolton & Menk to prepare bidding documents for the Main Lift Station Renovation Project on an hourly basis and a not-to-exceed amount of \$47,000.