



## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Meeting Date:</b>	Tuesday, August 25, 2020
<b>Category:</b>	NEW BUSINESS
<b>Type:</b>	ACTION
<b>Subject:</b>	Consider Proposal for Comprehensive Stormwater Modeling Services from Bolton & Menk, Inc.
<b>Background Information:</b>	<p>This project includes the development of a city-wide hydrologic and hydraulic model of the existing city stormwater infrastructure. This model will be capable of quantifying existing storm sewer capacity, stormwater basin performance, and water quality improvements provided by existing infrastructure. The model will serve as a benchmark of existing conditions as it currently exists and will be a valuable tool when managing the City MS4 permit and developing capital improvement plans.</p> <p>City staff will provide all the input data and Bolton &amp; Menk will be tasked with entering the data and creating and calibrating the model. Once the model is created, city staff will have an extremely powerful tool to help identify the most cost-effective solutions to city drainage concerns. The model will be created using Autodesk Storm and Sanitary Analysis, which is a program that city engineering staff uses and will have the ability to access and edit in the future if needed.</p>
<b>Fiscal Impact:</b>	Total project cost (hourly, not-to-exceed) in the amount of \$48,800 providing watershed delineation, stormwater management model, meetings/review. Additional services including model output/reporting in the amount of \$7,800. The 2020 Surface Water Management Utility budget includes \$50,000 for these services.
<b>Alternative/ Variations:</b>	No alternative actions recommended.
<b>Recommendations:</b>	that the City Council accept the proposal from Bolton & Menk, Inc. for stormwater modeling services in an amount not-to-exceed \$50,000.00.