

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Paula Vandehey, Director of Public Works
Sue Olson, Staff Engineer
Pete Neuberger, Staff Engineer

DATE: June 15, 2021

RE: Approval to single source and award 2021G stormwater consulting services contract for design of the stormwater management practices for Oneida, Lawrence, Morrison and Durkee Streets (south of College Avenue) and the YMCA parking ramp to McMahon Associates in an amount not to exceed \$40,000.

The Department of Public Works is requesting approval to single source and award 2021G stormwater consulting services contract for design of the stormwater management practices for Oneida, Lawrence, Morrison and Durkee Streets (south of College Avenue) to McMahon Associates in an amount not to exceed \$40,000.

Prior to this contract, McMahon Associates was awarded the 2019K contract for stormwater consulting services to develop and evaluate stormwater management alternatives on the referenced streets. Since that time, the City has committed to address the stormwater management requirements for the reconstruction of the YMCA parking ramp, adjacent to these streets. Combining the stormwater management practices for the streets and ramp results in a comprehensive stormwater model requiring less overall modeling and land to ensure efficient stormwater management.

Work under this contract will include:

- Recommend the necessary soil boring locations and criteria for the utility and paving work
- Update the XPSWMM model to evaluate the storm sewer system for peak discharge and surface ponding performance based on final design
- Update the WinSLAMM model to evaluate TSS and TP reductions for stormwater quality practices based on final design
- Evaluate construction feasibility due to other utilities
- Prepare a Stormwater Management Report
- Design the selected stormwater concept
- Prepare CAD drawings of the proposed stormwater management system
- Perform inlet capacity calculations
- Prepare an Operation and Maintenance Plan for the stormwater treatment practices
- Prepare an Erosion Control Plan for the street reconstruction work

- Prepare a WDNR Construction Site Permit application for the street reconstruction work
- Attend meetings and coordinate with various stakeholders

Based on the work McMahan has already completed for Hoffman and the City in this area, and their performance on past projects with the City, staff is recommending award of this project to McMahan Associates.