

## 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:** May 1, 2019

**RE:** Amend 2019K stormwater consulting services contract for development of the stormwater management plan and design for the Bluff Site Development Area with McMahan Associates in an amount not to exceed \$39,500.

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The Department of Public Works is requesting approval to amend the 2019K stormwater consulting services contract for development of the stormwater management plan and design for the Bluff Site Development Area with McMahan Associates in an amount not to exceed \$39,500. If the amendment is approved, the total contract amount will be \$81,500.

Planning for the redevelopment of the downtown area south of College Avenue between Appleton Street and Durkee Street is continuing to move forward. In February, the City contracted with McMahan Associates to develop the necessary stormwater management plans for Oneida Street south of Lawrence Street, Lawrence Street from Oneida Street to Morrison Street and the new parking structure.

To ensure the City's efforts remain consistent with proposed private redevelopment, the stormwater management scope would be expanded to include additional street segments in the area, as shown on the attached drawing.

A comprehensive stormwater management plan involving all the projects in this area will likely require fewer stormwater practices than multiple individual stormwater plans and lead to less construction and maintenance costs.



The tasks under this contract include:

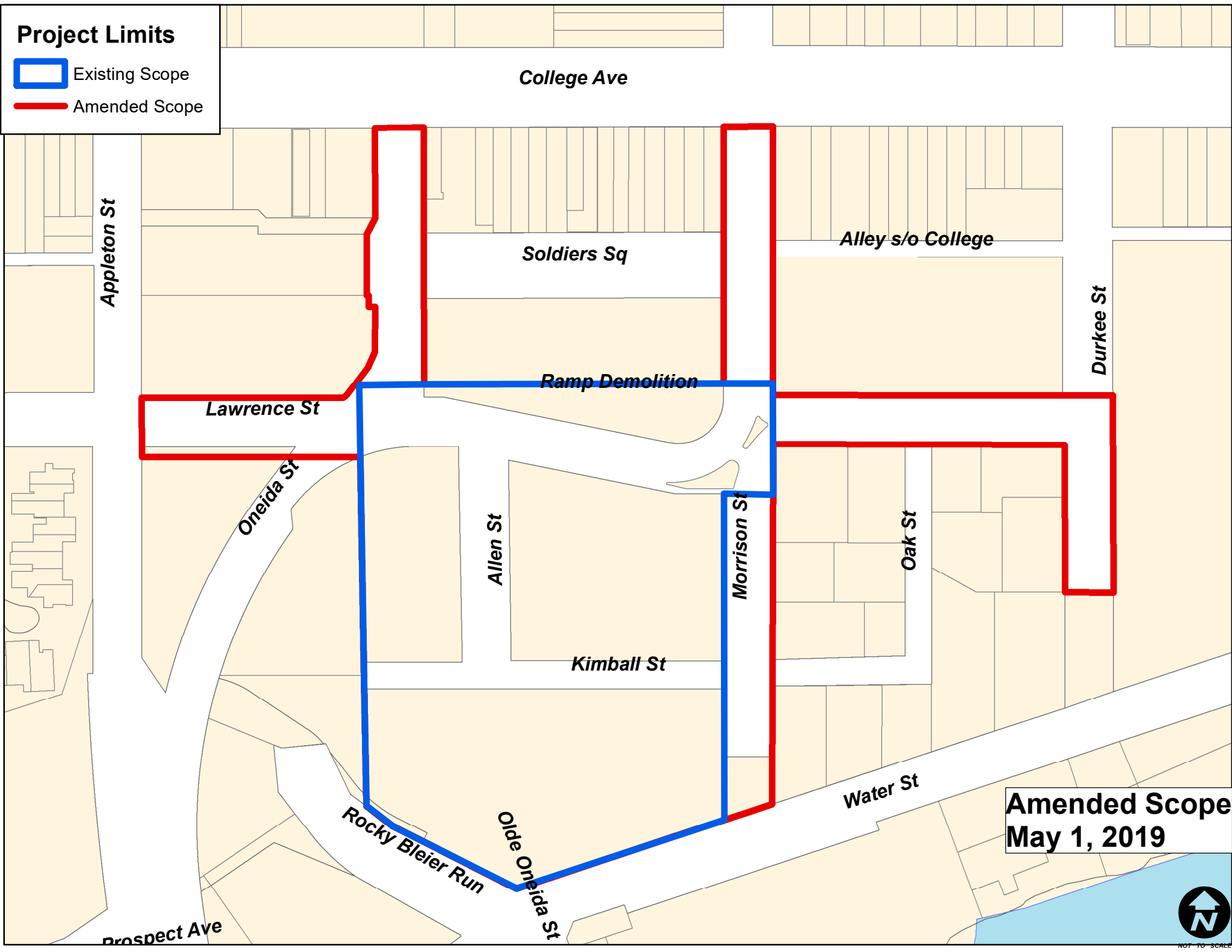
- Delineate existing and proposed drainage basins
- Develop an XPSWMM model to evaluate the storm sewer system for peak discharge and surface ponding performance
- Develop a WinSLAMM model to evaluate TSS and TP reductions for proposed stormwater quality practices
- Develop up to three (3) concepts which depict stormwater treatment, inlets, manholes, and pipes

- Evaluate construction feasibility due to other utilities
- Develop a cost allocation methodology for the stormwater practices for the various parties
- Prepare a Stormwater Management Report
- Design the selected stormwater concept
- Prepare CAD drawings of the proposed stormwater management system
- Perform inlet capacity calculations
- Prepare and Operation and Maintenance Plan for the stormwater treatment practice(s)
- Prepare an Erosion Control Plan
- Prepare a WDNR Construction Site Permit application
- Attending up to four (4) meetings

Based on the work McMahan is already contracted to do for Hoffman and their performance on this project with the City to date, staff is recommending approval of this contract amendment with McMahan Associates.

# Project Limits

-  Existing Scope
-  Amended Scope



**Amended Scope  
May 1, 2019**



NOT TO SCALE