

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: January 6, 2016

RE: Amend 2015E Stormwater Consulting Services Contract for Spartan Drive Culvert and Stormwater Practices Preliminary Design and Lift Station Stormwater Management Plan to Brown & Caldwell in an amount not to exceed \$51,605.

The Department of Public Works is requesting approval to amend the 2015E Stormwater Consulting Services Contract with Brown & Caldwell for Spartan Drive Culvert and Stormwater Practices Preliminary Design and Lift Station Stormwater Management Plan to Brown & Caldwell in an amount not to exceed \$51,605. If the amendment is approved, the total contract amount will be \$185,460. After this contract \$416,880 will remain in the 2016 stormwater consulting services budget.

In September 2015, a contract with Brown & Caldwell was approved to perform preliminary engineering and design of three stormwater practices in the Spartan Drive area and prepare the Stormwater Management Plan and permits for the Spartan Drive sanitary sewer lift station. The original scope of services was based on 2014 conceptual study of the area by Brown & Caldwell and the preliminary lift station design.

Since then, additional information has become available:

- The wetland delineation prepared for this area, completed by AECOM in 2013, was submitted to the WDNR and USACE for concurrence. Wetland concurrence is generally not requested until a project is identified.
- New wetland processes and rules have been put in place since 2013. As a result, AECOM completely revised the wetland delineation in October 2015 and prepared a new wetland report. Concurrence of the wetland delineation has been received from the WDNR.
- Brown & Caldwell has completed their first tasks in the 2015E contract, evaluating potential stormwater practices and their locations.
- The lift station design has significantly progressed, including a draft site plan.

The proposed scope amendment includes the following tasks:

- Perform detailed modeling of two additional alternatives (for a total of five) for stormwater conveyance, flood control and water quality for both street construction and private development to meet City, Town and State requirements.
- Perform 60% design of additional stormwater practices
- Develop preliminary engineering drawings for additional practices

- Include additional practices in preliminary engineering report with updated cost estimates
- Begin permitting of added practices (some permits need to be obtained before others can be submitted)
- Prepare WDNR Ch. 30 permit application for the Spartan Drive sanitary lift station. This was not anticipated with the information available in fall 2015.

Therefore, the Department of Public Works recommends approving the amendment to the 2015E Stormwater Consulting Services Contract with Brown & Caldwell for Spartan Drive Culvert and Stormwater Practices Preliminary Design and Lift Station Stormwater Management Plan to Brown & Caldwell in an amount not to exceed \$51,605.