

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: August 29, 2017

RE: Amend 2017C Stormwater Consulting Services Contract for Spartan Drive Culverts and Stormwater Practices Sixty Percent (60%) Design and Permitting to Brown & Caldwell in an amount not to exceed \$35,255.

The Department of Public Works is requesting approval to amend the 2017C Stormwater Consulting Services Contract with Brown & Caldwell for Spartan Drive Culverts and Stormwater Practices Sixty Percent (60%) Design and Permitting in an amount not to exceed \$35,255. If the amendment is approved, the total contract amount will be \$238,022. After this contract \$211,138 will remain in the 2017 stormwater consulting services budget.

In April 2017, a contract with Brown & Caldwell was approved to perform sixty percent (60%) design and permitting of large culverts to cross Bear Creek and Apple Creek and eight stormwater practices (BMPs) to address the water quantity and quality in the Spartan Drive area.

Two of the stormwater practices, located between Richmond Street and Sommers Drive, were planned to be water quality swales for a temporary 24 foot wide pavement. In working with the Wisconsin Department of Transportation for the permit to connect Spartan Drive to STH 47 (Richmond Street), it has been determined that the 24 foot wide temporary road is not appropriate and the full street width of approximately 40 feet and a larger intersection is required. For this street width, the water quality swales are not adequate and larger stormwater practices are required.

The proposed scope amendment includes the following tasks:

- Re-evaluate the drainage area between Richmond Street and Sommers Drive with the new street width and intersection design to determine what stormwater practices are appropriate
- Perform detailed modeling of the new stormwater practices for water quality and quantity control
- Prepare preliminary design and plans
- Prepare 60% design and plans
- Include these practices in the permit application to state and federal agencies

The Department of Public Works recommends approving the amendment to the 2017C Stormwater Consulting Services Contract with Brown & Caldwell for Spartan Drive Culverts and Stormwater Practices Sixty Percent (60%) Design and Permitting in an amount not to exceed \$35,255.