

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: April 5, 2016

RE: Second Amendment to the scope of services for the 2015E Stormwater Consulting Services Contract for Spartan Drive Culvert and Stormwater Practices Preliminary Design and Lift Station Stormwater Management Plan with Brown & Caldwell with no cost change.

The Department of Public Works is proposing to amend the scope of services for 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 with no change in the dollar amount of the contract. The contract amount is \$185,460.

In September 2015, a contract with Brown & Caldwell was approved to perform 60% preliminary engineering and design, including preparation of state and federal permits, of three stormwater practices and a box culvert to cross Bear Creek in the Spartan Drive area and prepare the Stormwater Management Plan for the Spartan Drive sanitary sewer lift station. The original scope of services was based on the 2014 conceptual study of the area by Brown & Caldwell and the preliminary lift station design. The contract was focused on Spartan Drive from Richmond Street (STH 47) to Haymeadow Avenue and Haymeadow Avenue from the existing south terminus to Spartan Drive.

In January 2016, the Utilities Committee and Common Council approved the first amendment to the contract to add 60% preliminary engineering and design of two additional stormwater practices and begin the state and federal permitting process. This amendment also included preparing the WDNR Ch. 30 permit for the Spartan Drive sanitary lift station.

Since then, Department of Public Works staff has begun working with two developments along Spartan Drive between Haymeadow Avenue and Meade Street. The construction of this section of Spartan Drive will require two (2) or three (3) additional stormwater practices and another stream crossing.

The contract scope with the second amendment revisions includes the following tasks:

- Evaluate how many stormwater practices are needed (two or three) to construct Spartan Drive between Haymeadow Avenue and Meade Street.
- Perform 30% preliminary engineering of seven (7) stormwater practices and two steam crossings (Bear Creek and Apple Creek).

- Develop 30% preliminary engineering drawings of seven (7) stormwater practices and two stream crossings.
- Prepare a 30% preliminary engineering report with updated construction cost estimates for seven stormwater practices and two stream crossings.
- Perform 60% design, including engineering drawings and updated cost estimates, and start permitting of two (2) of the seven (7) stormwater practices and one of the stream crossings.
- Prepare WDNR Ch. 30 permit application for the Spartan Drive sanitary lift station.

Which stormwater practices and creek crossing are moved ahead to 60% design and permitting will be determined based on further discussions with developers and landowners in the Spartan Drive corridor. At this time, Public Works staff anticipates requesting consulting funds in 2017 for final design and permitting of all seven stormwater practices and both creek crossings for construction in 2018 and 2019.

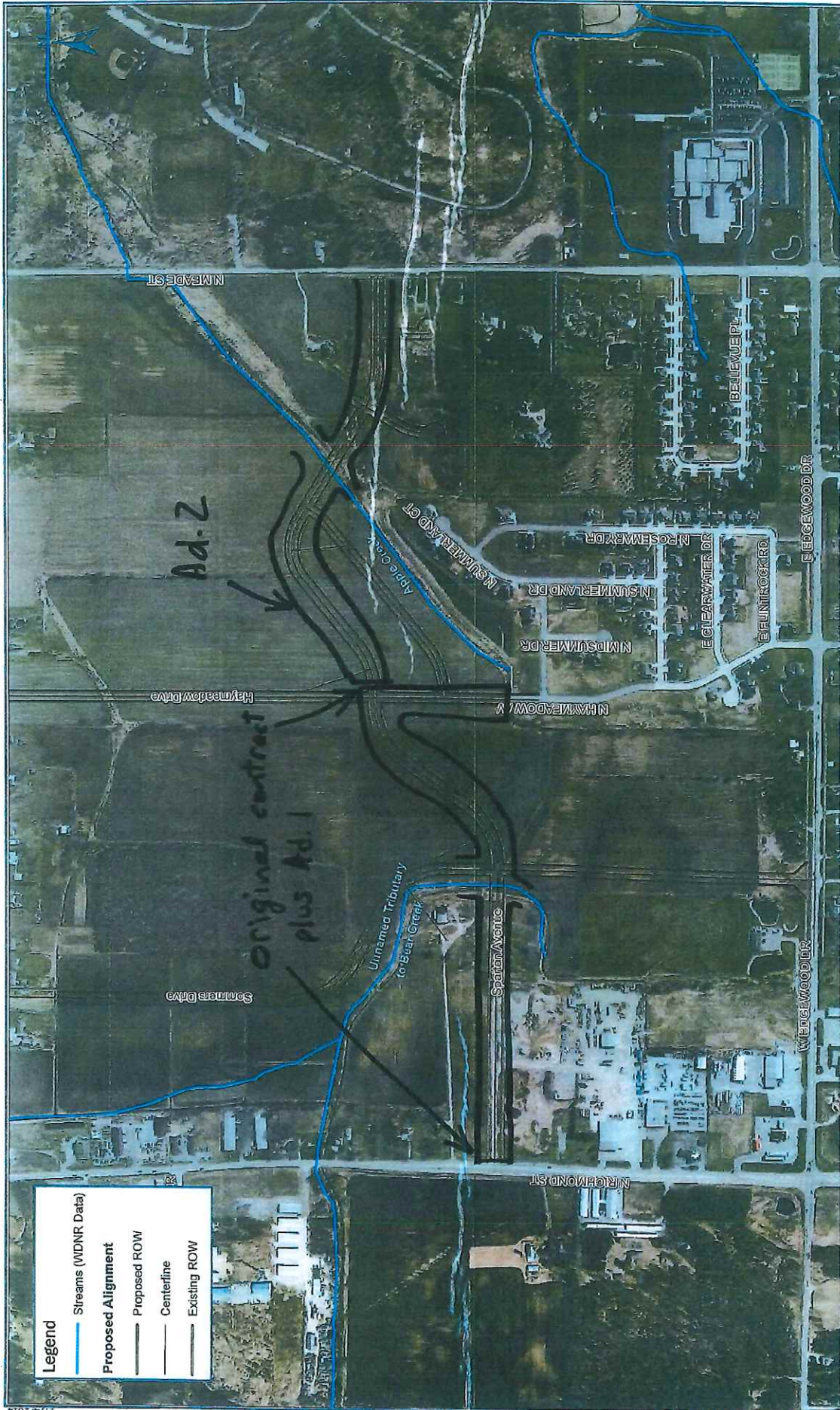


Figure 1-1 Overview
 Spartan Avenue Stormwater Study
 City of Appleton, WI

