



Steele County Agenda Item

Request for Board Action

Subject: Amendment with WSB for Preliminary Engineering Services for East Side Corridor Project

Department: Highway

Committee: Public Works

Committee Meeting Date: NA

Work Session Date: N/A

Board Meeting Date: May 13, 2025

Consent Agenda: ☐ Yes ☒ No

Resolution: ☐ Yes ☒ No

Policy Committee Recommendation:

NA

Recommendation:

Approve Amendment with WSB for Preliminary Engineering Services for East Side Corridor Project and Authorize the County Engineer to sign the Amendment.

Background *(Including Budget Impact)*:

The 2040 Steele County Transportation Plan identified the East Side Corridor as a needed addition to the Steele County highway system. The county contracted with WSB to complete the necessary state and federal environmental documentation required for the project and WSB began work in January 2022.

As work progresses, WSB has identified additional work that is outside of the original contract and previous amendments but is work that is required to complete the preliminary engineering required to complete the environmental documents. The previously amended contract amount was \$426,044. The cost for the additional services amounts to \$209,235. The revised not-to-exceed contract total is \$635,297.

The additional cost will be funded with Sales Tax revenue reserves.

Attachments:

WSB Amendment Request

Memorandum

To: Paul Sponholz, Steele County

From: Andrew Plowman, WSB

Date: May 2, 2025

Re: East Side Corridor Project
WSB Project No. 019850-000
Contract Amendment No. 2

Pursuant to our discussions, WSB respectfully submits this amendment request for additional design services associated with the following tasks:

- Additional Project Management and General Coordination
- Right of Way Base Mapping
- Roundabout Design/Mitigation Measures
- Noise Analysis based on Mitigation Measures
- CATEX Document
- Soil Boring near Maple Creek
- Hydraulic/Floodplain Design
- Bridge Design

The revised contract total amount is \$426,044. WSB respectfully requests compensation for these additional services in the not-to-exceed amount of \$209,235, resulting in a revised contract total of \$635,279, as summarized below:

If this Proposal is acceptable, please issue the appropriate Amendment incorporating this letter for our review and signature.

We thank you for the opportunity to submit this Proposal and look forward to continuing to with you on this Project. If you have any questions, please let me know.

The following outlines the request for additional fee and details the scope of services for the project:

Additional Project Management and General Coordination

The project management and general coordination for the project includes additional coordination with agencies, additional project management team meetings and scheduling activities.

The total cost for this task is \$16,000, which is based on 80 hours of time with an average cost per hour of \$200/hr.

Right of Way Base Mapping

The right of way limits have been determined for the preferred option. Given the right of way process requires significant duration, WSB proposes to start the process by compiling the title

work and right of way base files. This scope would include the base work for the preferred corridor.

The total cost for this task is \$32,400, which is based on 180 hours of time with an average cost per hour of \$180/hr.

In addition, the expense to obtain the title reports would be included in this task, which would assume 20 parcels at \$500/parcel. \$10,000.

Roundabout Design/Mitigation Measures

It was determined that roundabouts would be considered at the intersections of 29th Avenue and Rose Street, Dane Avenue, 26th Street and 26th Street and Kenyon Road. This includes the design, analysis, performance checks and grading of 4 roundabouts that were previously not considered. This will not include the final design component or landscaping. We will include an additional fee in the 60% design task.

The total cost for this task is \$37,800, which is based on 180 hours of time with an average cost per hour of \$210/hr.

Noise Analysis based on Mitigation Measures

Roundabouts have been considered as mitigation measures for the concern with speed and operation of the corridor. This resulted in lower speeds for certain portions of the corridor that indicated noise walls may be feasible and cost effective. The lower speed and character of the corridor resulted in the need to re-analyze the noise impact.

The total cost for this task is \$15,120, which is based on 84 hours of time with an average cost per hour of \$180/hr.

CATEX Document

For the original design, it was assumed an EA/EAW would be required. Amendment 1 indicated the additional work required from switching the type of document and for the added effort. However, that did not include the need for completing two documents. Although they are similar in nature, they do have differences that require additional work and coordination.

The total cost for this task is \$63,875, which is based on 365 hours of time with an average cost per hour of \$175/hr.

Soil Boring near Maple Creek

The County was able to obtain a right of entry permit from the owner of the property at 9153 Co. Road 3, Owatonna, to complete a soil boring near Maple Creek. This will allow for preliminary design of the footings and abutments for the bridge across Maple Creek. It should be noted that additional borings will be necessary, including on the north side.

The total cost for this task is \$11,000, which is based on 32 hours of crew time at \$250/hr, and \$3,000 of laboratory testing and reporting effort.

Hydraulic/Floodplain Design

The initial bridge design was based on hydraulic and floodplain analysis. In addition to the design, coordination has occurred with the area drainage engineer and the DNR. Some of this effort was included in the original design, but certain investigations were outside the scope, such as impact to the floodplain and how to mitigate and design the bridge.

The total cost for this task is \$9,000, which is based on 40 hours of time with an average cost per hour of \$225/hr.

Bridge Design

As part of the EAW and CATEX, initial bridge design was required. This included the design of the typical section, profile and initial beam design. A substantial final design will also be required for the project, which includes coordination with the bridge office and plan production.

The total cost for this task is \$14,040, which is based on 54 hours of time with an average cost per hour of \$260/hr.

The revised contract total amount is \$426,044. WSB respectfully requests compensation for these additional services in the not-to-exceed amount of \$209,235, resulting in a revised contract total of \$635,279

Sincerely,



Andrew Plowman, P.E.
Sr. Project Manager

ACCEPTANCE:

Signature: _____

Title: _____

Date: _____