

Jon Hutchings
Director



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Memorandum

To: The Honorable Satpal Singh Sidhu, Whatcom County Executive, and The Honorable Members of the Whatcom County Council

Through: Jon Hutchings, Public Works Director *JH*

From: James P. Karcher, P.E., County Engineer *gpk*
James E. Lee, P.E., Engineering Manager *JEL*

Date: July 27, 2021

Re: Nulle Road/Friday Creek Bridge No. 106 Rehabilitation, CRP No. 921021
Professional Services Agreement with Trantech Engineering, LLC

Enclosed for your review and signature are two (2) originals of a Local Agency Standard Consultant Agreement between Whatcom County and Trantech Engineering, LLC.

Requested Action

Public Works respectfully requests that the County Council authorize the County Executive to enter into this Local Agency Standard Consultant Agreement with Trantech Engineering, LLC (Trantech) for professional engineering services to implement rehabilitation efforts on the existing Nulle Road/Friday Creek Bridge No. 106 (Bridge No. 106).

Background and Purpose

The existing Bridge No. 106 is 76-ft long and consists of four (4) 19-foot precast channel beam girders on timber caps and piles. The load rating for this bridge was recently updated which resulted in the bridge being restricted for single unit vehicles and emergency vehicles. The North Lake Samish Bridge No. 107 Replacement Project, which is scheduled for construction in either 2022 or 2023, will utilize Bridge 106 as part of the signed detour route during construction. To better prepare Bridge No. 106 for the increased traffic it will see during construction we intend to rehabilitate the bridge so that a revised load rating can be completed and the existing restrictions for the bridge removed.

Phase 1 of this agreement will assess options for accomplishing the rehabilitation work with delivery of a final report and recommendations. This agreement may be supplemented to complete Phase 2 work which will include completing the detailed design and preparation of the plans, specifications and engineer's estimate package for the selected rehabilitation elements.

Funding Amount and Source

This Phase 1 contract amount is \$16,769.00. This project is locally funded via the road fund and the budget authority for this expenditure is located in CRP No. 921009, Various Bridge Rehabilitation/Replacement Project, which is Item No. 37 in the approved 2021 Annual Construction Program.

Please contact James Lee at extension 6264 if you have any questions regarding this agreement.