

<b>Local Agency A&amp;E Professional Services Supplemental Agreement</b>	Consultant/Address/Telephone <b>KPFF Consulting Engineers</b> 1601 5 <sup>th</sup> Avenue, Suite 1600 Seattle, WA 98101	
Supplement Number <b>Supplement No.3</b>	Contact Name / E-Mail Address W. Greg Hess / greg.hess@kpff.com Telephone    Fax 206-622-5822                                      206-622-8130	
Agreement Number <b>CCF03-20</b>	Execution Date <b>09/25/2020</b>	Completion Date <b>12/31/2022</b>
Project Title <b>Madden Bridge #58 Rehabilitation</b>	New Maximum Amount Payable <b>\$188,995.40</b>	
Description of Work Provide design services necessary to complete 60% Plans, 90% Plans, and 100% PSE Documents needed to complete design for the proposed improvements to Madden Bridge #58. Madden Bridge #58 carries Menzel Lake Road over the Pilchuck River and is located approximately 5 miles south of Granite Falls. The rehabilitation project is funded by Federal Highway Administration (FHWA) funds through Washington State Department of Transportation (WSDOT).		

The Local Agency of Snohomish County desires to supplement the Agreement entered into with **KPFF Consulting Engineers** and executed on September 25, 2020, as amended by Supplement No. 1 on October 26, 2020, as amended by Supplement No. 2 on November 9, 2021 and identified as Agreement No. **CCF03-20**. All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the Agreement are described as follows:

I

The "Maximum Amount Payable" on the Agreement title page is amended as follows:

Maximum Amount Payable	\$188,995.40
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II

**EXHIBIT A-1 Supplemental Scope of Work**, attached hereto and by this reference made part of the original Agreement, as additional work to be performed under Exhibit A.

III

**EXHIBIT D Prime Consultant Cost Computations**, attached hereto and by this reference made part of the original Agreement and adds supplemental cost computations for the additional work to be performed under Exhibit A-1 of this Agreement.

If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces below and return to this office for final action.

By: **KPFF CONSULTING ENGINEERS**

By: **SNOHOMISH COUNTY**

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Consultant Signature

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Approving Authority Signature

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Date

**SCOPE OF WORK**  
**Madden Bridge #58 Rehabilitation – CSS**

**1. PROJECT OVERVIEW**

The CONSULTANT will be providing Construction Support Services (CSS) for the Madden Bridge #58 rehabilitation project. This project will rehabilitate the existing Madden Bridge #58 with: (1) construction of a bridge deck overlay, (2) replacement of existing bridge rails, (3) replacement of connecting guardrails, (4) rehabilitation of existing expansion joints, (5) replacement of approach pavement, (6) replacement of the bridge bearings and (7) miscellaneous concrete spall repair. The CONSULTANT's role will be to review and assist with RFI's, submittals, and other construction support as related to the technical aspects of the work. The CONSULTANT will be available to attend construction meetings, assist with construction closeout and finalize the draft load rating prepared during design phase.

**2. BACKGROUND**

Madden Bridge 58 carries Menzel Lake Road over the Pilchuck River and is located in Sec 09 Twp 29N Rge 07E approximately 5 miles south of Granite Falls. The existing structure carries over 1,100 vehicles per day. The rehabilitation project is funded by Federal Highway Administration (FHWA) funds through Washington State Department of Transportation (WSDOT).

**3. SCOPE OF SERVICES**

**DESIGN TEAM**

The CONSULTANT will be providing structural and civil engineering construction services. The AGENCY will be providing all other technical services to support the CONSULTANT's effort as listed below.

Owner	Snohomish County (County)
Prime Consultant	KPFF
Structural/Civil Engineer	KPFF
Permitting	County
Geotechnical Engineer	County
Survey	County

**PRELIMINARY SCHEDULE**

NTP	January, 2022
Early Submittals	1 <sup>st</sup> Quarter 2022
Construction	Summer 2022

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## ASSUMPTIONS

- The AGENCY is the lead construction administrator and direct point of contact with the Contractor. The AGENCY will provide all testing, project quality assurance and inspection unless specifically noted herein.

## TASK 100 – PROJECT MANAGEMENT

The CONSULTANT shall coordinate with the AGENCY and manage the CONSULTANT construction support activities necessary for completion of the work. This work will include:

- Prepare contract documents, invoices and progress reports
- Prepare and maintain a Tracking Log with all RFI/Submittals. Tracking log will include date received from AGENCY, date returned to AGENCY and review status.
- Attend (1) pre-construction meeting via teleconference. (1 person x 2 hours)
- Attend up to (3) construction meetings via teleconference. (1 person x 3 hours)
- Assist AGENCY with project closeout. The CONSULTANT will attend Punchlist and walk-through meeting with AGENCY. There will be two CONSULTANT team members. The CONSULTANT will advise on items that are required to be completed.

Deliverables:

- Monthly progress reports
- Punchlist walkthrough notes

Assumptions:

- 8-month construction (NTP to Punchlist completion)

## TASK 200 - CONSTRUCTION ENGINEERING SERVICES

The CONSULTANT will provide structural and civil engineering construction support services for the project:

- Evaluate contract change order and cost reduction incentive proposals submitted by the Contractor as requested by the AGENCY. (assume 1)
- Review RFIs related to the project. A total of (30) RFIs are assumed. 3 hours per RFI
- Review technical submittals. A total of (20) submittals, including re-submittals, are assumed. 4 hours average per review. Specific submittals include:
  - Overlay x (7) submittals per 6-09.3(2)
  - Bridge jacking plan per 2-02.3(2)
  - Bearings, bridge railings, expansion joint, drains, approach railings, girder stops.
- Perform site visits and on-site meetings as requested by the AGENCY. A total of (6) one-person site visits (4 hours per visit) are assumed. Specific site visits include.
  - Deck inspection after scarification – observe contractor, 6-09.3(6)
  - Checking for bond - observation, 6-09.3(14)
  - Concrete spall limits – drawing S09
- Prepare as-builts. It is assumed that clear and legible redlines will be provided by the Contractor or AGENCY. (1 hour per sheet)
- Final Load Rating – prepare final load rating in accordance with Chapter 13 of the BDM. The CONSULTANT will submit a final stamped load rating report.

- Provide other miscellaneous services which may be identified and approved by the AGENCY during construction.

Deliverables:

- Final Load Rating
- As-builts
- Submittal and RFI responses

Assumptions:

- Submittal and RFI review timeline will be in accordance with the Standard Specifications.
- The AGENCY will provide a minimum 3-days' notice (unless stated otherwise in the contract documents) when the CONSULTANT Engineer is needed on site.

#### **4. CONTRACT LENGTH**

The contract term will be effective upon execution and end December 31, 2022, subject to the "Time for Beginning and Completion" and the "Termination of Agreement" provisions of the Local Agency A&E Professional Services Negotiated Hourly Rate Consultant Agreement. If necessary, at the option of Snohomish County, the agreement may be supplemented for additional time.

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# Exhibit D Prime Consultant Cost Computations

Exhibit E-1  
**KPFF Consulting Engineers**  
**Consultant Fee Summary**  
**Negotiated Hourly Rate Consultant Agreement**  
**Madden Bridge #58 Rehabilitation - CSS**

Overhead (OH) Cost 140.40%  
 Fixed Fee (FF) 23.50%

Classification	Direct Hourly Rate	Total Hours	X	Negotiated Hourly Rate	=	Cost
Project Manager	\$ 68.21	39.00	X	\$180.00	=	\$ 7,020.24
Senior Engineer	\$ 52.88	241.50	X	\$139.55	=	\$ 33,701.40
CAD Drafter II	\$ 51.93	5.50	X	\$137.04	=	\$ 753.74
Admin	\$ 25.20	8.00	X	\$66.50	=	\$ 532.02
<b>Subtotal</b>						<b>\$ 42,007.40</b>

Reimbursables		
Site visits		\$ 500.00
<b>Subtotal</b>		<b>\$ 500.00</b>

<b>GRAND TOTAL:</b>	<b>\$42,507.40</b>
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