

<p style="text-align: center;"><b>Local Agency A&amp;E Professional Services Supplemental Agreement</b></p>	Consultant/Address/Telephone <b>Sargent Engineers, Inc.</b> 320 Ronlee Ln NW Olympia, WA 98502 Contact Name / E-Mail Address Scott Olson, Principal / scotto@sargentengineers.com	
	Supplement Number <p style="text-align: center;"><b>Supplement No. 3</b></p>	Telephone Telephone Fax <b>360-867-9284 360-867-9318</b>
Agreement Number <p style="text-align: center;"><b>CCF01-21</b></p>	Execution Date <p style="text-align: center;"><b>April 15, 2021</b></p>	Completion Date <p style="text-align: center;"><b>12/31/2021</b></p>
Project Title <p style="text-align: center;"><b>Design Services, Goodman Creek Culvert Replacement</b></p>	New Maximum Amount Payable Remains Unchanged at \$96,271.00	
Description of Work <i>Provide all design services necessary to prepare a Type, Size and Location study for Phase I of the Goodman Creek Culvert Replacement project. This project will replace the current 12' diameter Corrugated Metal Pipe (CMP) culvert with a new bridge. Goodman Creek Culvert is located at MP 46.5 on the Mountain Loop Highway approximately 7 miles East of Darrington in unincorporated Snohomish County.</i>		

The Local Agency of Snohomish County desires to supplement the Agreement entered into with **Consultant** and executed on April 15, 2021, as amended by Supplement No. 1 on July 13, 2021, as amended by Supplement No. 2 on September 16, 2021 and identified as Agreement No. **CCF01-21**. 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 "Completion Date" on the Agreement title page is amended as follows:

Completion Date    December 31, 2022

#### II

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

Maximum Amount Payable                                  \$96,271.00

#### III

**EXHIBIT A-2 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.

#### IV

**EXHIBIT D Prime Consultant Cost Computations**, attached hereto by this reference made part of the previously amended Agreement, and adds supplemental cost computations for the additional work to be performed under Exhibit A-2 of this Agreement.

#### V

**EXHIBIT E Sub-consultant Cost Computations**, attached hereto by this reference made part of the previously amended Agreement, and adds supplemental cost computations for the additional work to be performed under Exhibit A-2 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: **SARGENT ENGINEERS, INC.**

By: **SNOHOMISH COUNTY**

\_\_\_\_\_

Consultant Signature

\_\_\_\_\_

Approving Authority Signature

\_\_\_\_\_

Date

# **Exhibit A-2**

## **Supplemental Scope of Work**

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Project No.ER-WA-20-03

### **OBJECTIVE**

The objective of this Agreement is to provide expedited site work for the gathering of site data of the Goodman Creek within the vicinity of the crossing under Mountain Loop Highway by Watershed Science and Engineering (SUBCONSULTANT). This is a continuation of the work performed as a part of the Type, Size, and Location Study which was recently completed. The information gathered as a part of this task will be utilized in completing Final Design for the replacement structure of the existing culvert.

### **SERVICES**

In order to complete the expedited site inspection, the CONSULTANT and its SUBCONSULTANT will perform the following tasks:

#### **Project Management**

CONSULTANT will perform limited Project Management duties as a part of this task, limited to preparing monthly invoices and progress reports and contracting with SUBCONSULTANT to perform the necessary site work.

##### **1. Project Management**

CONSULTANT will maintain an open line of communication with the AGENCY throughout the project to ensure that project needs are being met and to discuss key decisions as the project develops.

CONSULTANT will arrange and manage the SUBCONSULTANT contracts, and will coordinate SUBCONSULTANT activities to ensure the project team remains on schedule and provides a quality product. CONSULTANT will provide monthly invoicing of all CONSULTANT and SUBCONSULTANT project work, along with brief progress descriptions.

#### **Assumptions:**

- None

#### **Deliverables:**

- Monthly invoices and progress reports

### **Site Inspection**

The SUBCONSULTANT has been assisting the CONSULTANT with the evaluation of alternatives for a replacement crossing to carry Goodman Creek under the Mountain Loop Highway seven miles southeast of Darrington, Washington. The current proposal is to replace the existing 12-foot diameter CMP culvert with a bridge. The AGENCY is planning to amend the contract with the CONSULTANT to include detailed design of the preferred alternative. This scope of work describes the first task that the SUBCONSULTANT will complete to support the design effort. This task is being expedited so that it can occur prior snow fall.

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## **1. Site Inspection**

SUBCONSULTANT staff shall travel to the project site to conduct a detailed examination of the characteristics of the stream channel near the project site, paying particular attention to the characteristics of the streambed sediment including the size, arrangement, and number of large boulders and wood that provide stability to the stream bed. Site inspection may include development of a site map to document stream substrate size and structure, up to three (3) Wollman pebble counts, photographs, and aerial (drone) photos. Information collected during the site visit will be used estimate geomorphic changes likely to occur in response to the project and to support design of the reconstructed stream channel. (Note – SUBCONSULTANT traveled to and completed a general site reconnaissance during the TSL phase of the project. The site inspection proposed above will allow SUBCONSULTANT to collect detailed channel bed feature characteristic data which will be used to inform channel bed design within the bridge waterway).

### **Assumptions:**

- SUBCONSULTANT will be free to access lands both upstream and downstream from the crossing.
- Property access will be coordinated by the AGENCY

### **Deliverables:**

- Key site observations and channel morphology shall be described in the hydraulic design memorandum, which is a part of the future Final Design scope of work.

## **2. Administration**

SUBCONSULTANT will complete standard administrative duties including regular communication with County staff and preparation of monthly invoices and progress reports.

### **Assumptions:**

- None

### **Deliverables:**

- Monthly invoices and progress reports.

**Exhibit D**  
**Prime Consultant Cost Computations**

**Project: Goodman Creek Culvert Replacement Expedited Site Work**

<b>Salary Cost</b>					
<b>Task</b>	<b>Principal</b>	<b>Senior Project Engineer</b>	<b>Project Engineer</b>	<b>Design Engineer</b>	<b>Task Cost</b>
Rate:	\$159.74	\$147.63	\$135.89	\$95.62	
Project Management	4				\$639
Unused Budget from TS&L task	-13		-8		-\$3,164
Total Hours	-9	0	-8	0	
<b>Total Salary Costs</b>					<b>-\$2,525</b>
<b>Reimbursables</b>					
Mileage	0 miles @		\$0.56		\$0
<b>Subconsultant Costs</b>					
WSE Site Work					\$5,490
<b>Grand Total</b>					<b>\$2,965</b>
Prepared By: Scott Olson				Date: October 18, 2021	

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# Exhibit E

## Sub-Consultant Cost Computations



### Estimate of Professional Services

Prepared for: Snohomish County  
 Project: Goodman Creek Bridge Hydraulic & Geomorphic Design Site Inspection  
 Date: October 4, 2021  
 Prepared By: Jeff Johnson/Chris Frei

Use Snohomish County Approved Rates Specifically for Goodman Creek Project

TASK DESCRIPTION	Hours							Totals
	Principal	Sr. Eng. I	Sr. Eng. II	Senior Geom	Eng	GIS Specialist	Contract Admin	
Hydraulic and Geomorphic Design Support								
1. Site Inspection	8		8	8	8			\$4,808
2. Administration	2						1	\$487
<b>Total Hours and Direct Labor Cost (DL)</b>	<b>10.0</b>	<b>0.0</b>	<b>8.0</b>	<b>8.0</b>	<b>8.0</b>	<b>0.0</b>	<b>1.0</b>	
Direct Labor Rate (\$/hr)	\$72.12	\$62.78	\$55.29	\$50.48	\$38.46	\$35.00	\$31.00	
Overhead (150.07%)	\$108.23	\$94.21	\$82.97	\$75.76	\$57.72	\$52.52	\$46.52	
Profit (27.7%)	\$19.98	\$17.39	\$15.32	\$13.98	\$10.65	\$9.70	\$8.59	
Fully Burdened Labor Rate (\$/hr) (OH 150.07% and 27.7% fee)	\$200.33	\$174.38	\$153.58	\$140.22	\$106.83	\$97.22	\$86.11	
<b>TOTAL LABOR COST</b>	<b>\$2,003</b>	<b>\$0</b>	<b>\$1,229</b>	<b>\$1,122</b>	<b>\$855</b>	<b>\$0</b>	<b>\$86</b>	<b>\$5,294</b>

#### Direct Expense Detail

	Units	Rate	Cost
Mileage	350	\$0.560	\$196.00
		Total	\$196.00

#### Cost Summary

Total Labor	\$5,294
Total Direct Expenses	\$196
<b>Total</b>	<b>\$5,490</b>