Invitation for Bids
and Construction Contract Documents for:

East Fork Silver Creek Fish Passage Project

Contracting Agent
Yuki Riess
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2752 Broadway St.
Bellingham WA 98225
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For information, please contact the Contracting Agent/ Project Manager, Yuki Reiss, 360-770-3177, kyreiss@skagitfisheries.org

April 9, 2026

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Engineer's Certification

Contract documents for Skagit Fisheries Enhancement Group project:

FFFPP 22-1783 TaylorMixonl/East Fork Silver Creek Fish Passage Project (the "East Fork Silver Creek Fish Passage Project")

The contract documents contained herein have been prepared by or under the direction of the following registered Professional Engineer:

3-29-2026

Thomas M. Slocum, PE

Invitation to Bid and Bid Submittal Form

Request for Bids
Project Title: East Fork Silver Creek Fish Passage Project
Project Sponsor: Skagit Fisheries Enhancement Group (SFEG)

Location of the Project
19784 Silver Creek Drive, Sedro-Woolley, WA, 98284

Description of Project
This project will remove two, 28-foot long corrugated metal pipe (CMP) culverts and fill from a private driveway crossing of East Fork Silver Creek and replace them with a modular 40-foot long x 14-foot wide concrete bridge. Additional work includes relocating buried utility lines and constructing a new creek channel at the crossing. The construction permits allow for a construction work window from July 15 to September 30, 2026. This project is planned to take place mid-August 2026. SFEG will be responsible for obtaining all environmental permits and purchasing the bridge.

Engineer's Cost Estimate
The engineer's cost estimate for completion of all regular bid items is $81,600. The estimate does not include the cost of the prefabricated bridge, the construction task listed as "additional bid item" on the bid sheet, work to be completed by the utility owners (PSE and Astound), and sales tax.

Pre-Bid Meeting
Contractors are encouraged to attend a pre-bid meeting that will be offered on April 16, 2026, at 9:00 a.m. Please contact SFEG for access directions if you plan to attend. This project is located at a private residence; please do not visit the project site without prior coordination with SFEG.

Staging Requirements and Landowner Access: A staging area for construction work is available adjacent to the Project work site. It is anticipated that the driveway can be closed during construction, however the contractor should be prepared to construct a temporary access detour road around the work site if closure of the driveway is unfeasible. Construction of the temporary access shall be bid as an additional bid item.

Utilities: Removal of the culvert crossing will necessitate relocation of buried water, electrical, and telecommunication ("telecom") lines. The water line will be buried beneath the creek bed. The Puget Sound Energy power line, Astound telecom line and two existing private Romex cables will be attached to the bridge. The construction tasks assigned to the contractor are listed in the bid sheet and on the drawings. SFEG is currently working with Puget Sound Energy and Astound to determine the final design for their respective construction tasks, which are not included in the contractor's scope of work.

Tentative Construction Schedule
SFEG anticipates the following schedule for contracting and construction. The actual schedule may vary depending on contingencies in permitting, weather, and other relevant considerations.

Pre-Bid Meeting (on site)	April 16, 2026 (9am)
Bid Due	April 27, 2026
Expected Contract Award	May 4, 2026
Pre-Construction Plan Meeting (on site)	June 2, 2026
Expected Notice to Proceed*	July 15, 2026*
Expected Mobilization	July 30, 2026
Project Construction	August 3 – August 7, 2026
Project Construction Complete	September 30, 2026
Project Demobilized	October 15, 2026

*Notice to Proceed (NTP) is required for any work completed in association with this project. The NTP date will depend on SFEG obtaining all permits prior to June 30, 2026.

Submission of Proposal
The following items are required for a proposal to be considered **responsive**:

A. Complete all parts of the attached BID PROPOSAL form including the SCHEDULE OF QUANTITIES (cost proposal). The bid will be considered responsive only if the Bid Submittal form is entirely completed.
B. Bid submitted will verify that a representative of the contractor has reviewed the Plans and Specifications and demonstrates a working knowledge of the entire scope of work. Attending the on-site pre-bid meeting is desirable but not mandatory.
C. Three references are required with the proposal. These references should include past clients who; 1) are familiar with the contractor's abilities to work in a stream with sensitive salmon resources, and 2) can respond to the contractor's quality of work, timeliness, and reliability.
D. Submit bid to SFEG no later than 12:00 p.m. on April 27, 2026. Bids must be delivered electronically, have "East Fork Silver Creek Fish Passage Project BID RESPONSE" in subject line, and be sent as a single PDF document to kyreiss@skagitfisheries.org. Bids will be opened and read on April 27, 2026, at 12:00 p.m. and all contractors submitting bids are invited to attend (East Fork Silver Creek Fish Passage Project Bid Opening | Meeting-Join | Microsoft Teams). Contract award shall be to the lowest responsible bidder. **Please do not CC engineer or SFEG contracting agent.**

Bonds and Insurance Required:

A. Contract Bonds (Performance and Payment Bond)
B. Standard Liability Insurance (as described in WSDOT Standards 1-07.18). General liability insurance coverage is reduced from $3 million to $2 million

aggregate. Also, insurance coverage for products and complete operations is not required.

Wage Requirements:
This Project is funded by a grant from the Washington State Recreation and Conservation Office Family Forest Fish Passage Program (FFFPP); Washington Prevailing wage rates apply for work done in Washington State per RCW 39.12. The contractor shall submit certified payroll and comply will all other relevant requirements as described at https://lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/ . Wage requirements can be confirmed at https://secure.lni.wa.gov/wagelookup/ .

LIST OF REFERENCES

List at least three references. These references should include past clients who are familiar with the bidder's quality of work, timeliness, reliability, etc.

PROJECT NAME: East Fork Silver Creek Fish Passage Project

Name of Reference Company / Contact and Phone Number	Project Name and General Location	Type of Work Performed

BID SUBMITTAL FORM

Bidder Name: _____

Address: _____

Phone: _____

Email: _____

Contractor's State Registration No.: _____

State Industrial Insurance No.: _____

For the construction of:
East Fork Silver Creek Fish Passage Project, hereinafter referred to as the Project.

To:
Yuki Reiss
Skagit Fisheries Enhancement Group
P.O. Box 2497
1202 South 2nd Street, Suite C
Mount Vernon WA 98273
360-770-3177
kyreiss@skagitfisheries.org

We, the undersigned, having examined the Invitation for Bid and the Contract Documents for the construction of the Work, offer to construct and complete the Work in conformity with said documents, and to enter into an agreement according to the form hereto attached, in consideration of the sum arrived at by the proper extension of units of work shown in the following Schedule of Quantities, or such sum as may be ascertained in accordance with said documents. We acknowledge receipt, understanding and full consideration of Addenda Number(s):___ issued prior to the date for receipt of bids (blank or "NA" if no addenda).

_____ _____
Signature Date

East Fork Silver Creek Fish Passage Project

Construction Contract Form

This Contract is between the Skagit Fisheries Enhancement Group (SFEG) and _____ (Contractor) and is effective on the date signed by both parties.

The Contractor shall complete all work, pay all costs, and perform all construction requirements indicated on Drawings (Plans) titled "TaylorMixon East Fork Silver Creek Fish Passage Project," listed in specifications attached to this Contract Form, and as listed on the Bid Form.

Contract work includes all construction to build a 40'-long by 14'-wide bridge across East Fork Silver Creek, to replace two existing fish passage barrier culverts. SFEG has separately purchased the pre-fabricated modular bridge components, including deck panels, sills, guard rails and associated hardware, as shown in the shop drawings (Attachment 6). This purchase includes delivery of bridge modules to the Project site but requires that the Contractor coordinate the delivery schedule with the bridge vendor. The Contractor will need to unload the bridge modules from delivery truck(s). Contractor shall complete all site work, bridge installation, and all other work as shown on Plans or listed on the Bid Form.

The Project is subject to requirements of the State of Washington Prevailing Wage Law. Prevailing wage information and wage rate requirements for Skagit County are included in Attachment 4.

The Washington State Department of Natural Resources (WDNR) permit and other environmental permits required for construction work will be obtained by SFEG. A copy of the Forest Practices/Hydraulic Project (FP/HP) permit and other environmental permits will be provided to the Contractor, and these permits shall be retained on-site start-to-finish. The Contractor shall follow all conditions of the permits in the execution of the work.

A Bid Bond is not required for bid submittal.

A Contract Payment Bond and Performance Bond will be required.

The Contractor and SFEG agree that the engineer or a SFEG representative shall be on-site to observe all active construction work start-to-finish. Project construction will be along a private driveway, which will be closed for the duration of construction. A vehicle detour for the private landowner may be included in the construction work, depending on final construction plans. The detour will be bid and paid for as an additional bid item.

SFEG shall pay the Contractor the amount listed for each pay item on the Bid Form submitted by Contractor, multiplied by the quantity of work completed for each pay item

(Bid Form). At the time of contract signature, the total amount of SFEG payment to Contractor after completion of the Project would be: $ _____. This total is the sum of all unit prices multiplied by quantities on the Bid Form, plus sales tax.

Increased or Decreased Quantities, or Changed Conditions, may alter the final payment to Contractor as outlined in Standard Specifications 1-04.6 or 1-04.7, respectively.

Signed by:

Skagit Fisheries Enhancement Group	**Contractor**
Name:	Name:
Title:	Title:
Date:	Date:

East Fork Silver Creek Fish Passage Project

BID FORM

Item No.	Description	Unit measure	Estimated quantity	Unit price	Total price
1	**Work Site Preparation and Closure**				
1.1	Contractor submittals	lump sum	1		$ -
1.2	Mobilization and demobilization	lump sum	1		$ -
1.3	Tree removal and salvage	lump sum	1		$ -
1.4	Driveway protection and restoration	lump sum	1		$ -
1.5	Final site cleanup	Lump sum	1		$ -
2	**Stream Isolation, Dewatering and TESC**				
2.1	Fish exclusion (by SFEG)	N.A.	N.A.		N.A.
2.2	Work area isolation and dewatering	Lump sum	1		$ -
2.3	Dewater pumping	Days	5		$ -
2.4	Coir erosion control blanket	square yards	125		$ -
2.5	TESC seeding and mulch	acre	0.3		$ -
3.	**Utility Line Relocation**				
3.1	Utility trench excavation	cubic yards	36		$ -
3.2	Installation of 2-inch water service line	lineal feet	90		$ -
3.3	Installation of 2-inch PSE power conduit	lineal feet	215		$ -
3.4	Installation of 1.5-inch Astound telecom conduit	lineal feet	110		$ -
3.5	Replacement of private Romex cables	lineal feet	220		$ -
3.6	Attachment of all conduits to the bridge	lump sum	1		$ -
3.7	Place pipe zone gravel bedding	tons	15		$ -
3.8	Backfill trenches with common borrow	cubic yards	28		$ -
4	**Culvert Removal and Bridge Construction**				$ -
4.1	Structural excavation Class B – fill removal and subgrade excavation	cubic yards	170		$ -
4.2	Onsite disposal of excess soil	cubic yards	155		$ -

4.3	Culvert demolition and offsite disposal	lump sum	1		$ -
4.4	Construction geotextile for separation (sill subgrade)	square yard	20		$ -
4.5	Gravel backfill Class B	ton	65		$ -
4.6	Quarry spall bank armoring, placed	ton	30		$ -
4.7	Common borrow (field soil) backfill	cy	15		$ -
4.8	Prefabricated bridge and sills (to be supplied by SFEG)	LS	NA	NA	NA
4.9	Bridge and sill installation	lump sum	1		$ -
4.10	Crushed surfacing top course	ton	10		$ -
4.11	Reflectors and reflective guide posts	Each	8		$ -
5	**Stream Channel Construction**				
5.1	Deformable grade control	Lump sum	1		$ -
5.2	Provide and place stream bed mix	ton	13		$ -
Additional Bid Items					
A1	Temporary Vehicle Crossing Route	LF	90		$ -
Total construction cost (excluding additional bid item(s)				*$*	-
8.7% sales tax				*$*	-
TOTAL				**$**	**-**

ATTACHMENT 1
SCHEDULE OF MEASUREMENT AND PAYMENT

Item No.	Item	Basis of payment	WSDOT Standard Spec. Section	Description/Specification
1	**Work Site Preparation and Closure**			
1.1	Contractor submittals	lump sum	1-05.3	Cost for preparing the required work plan, SPCC plan, dewatering/stream isolation plan, and site access/traffic control plans, as required by the construction permits.
1.2	Mobilization and demobilization	lump sum	2-01.3, as applicable.	Cost for mobilization and demobilization of all materials, equipment, and labor. Includes toilet, SPCC equipment, and all other temporary facilities.
1.3	Tree removal, clearing and salvage	lump sum	3-01.3(1)	Cost for removing four (4) trees and brush flagged by the site manager. Salvage limbs and branches for use in the deformable grade control. Dispose remaining material at onsite location.
1.4	Driveway protection and restoration	lump sum	2-03.3(1)	Place 8-x 10' steel plate at driveway entrance to protect substandard culvert. Remove the creek-side bench and replace after construction.
1.5	Final site cleanup	lump sum		Cost for removal of all temporary BMPs, temporary contractor facilities and trash, raking/grading out and any other cleanup needs at the site manager's direction.
2	**Stream Isolation, Dewatering and TESC**			
2.1	Fish exclusion (by SFEG)	N.A.	Spec. Prov. 8-05.3(3)	No bid for this item. Per the Special Provisions, the contractor shall facilitate the work by SFEG, including staking block nets across the channel at SFEG's direction.
2.2	Work area isolation	Lump sum	Spec. Prov. 8-05.3	Furnish and install silt curtains and temporary check dams across the channel. Install 100 LF of 6" flow diversion pipe. Install two (2) dewatering pump stations and water discharge pads. Install 200 LF of filter fencing at edge of construction boundary. Locations of all facilities to be confirmed with the SFEG site manager.
2.3	Work area dewatering pumping	days	Spec. Prov. 8.05.3(2)	Cost for operating dewatering pumps to allow for construction in the dry, per the contractor's dewatering plan.
2.4	Erosion control blanket	square yards	8-01.3(3)	Cost for furnishing and installing coir erosion control fabric on exposed soils on the sides of the driveway ramp, abutments, and creek floodplain.

2.5	TESC seeding, fertilizing, and mulching	acres	8-01.3(2)	Cost for seeding with native grass seed mix and mulching with straw, per acre treated.
3.	**Utility Line Relocation**			
3.1	Utility trench excavation	cubic yards	7-08.3 as applicable; Detail 4, PSE drawings	Cost for excavating trenching for all utility line replacement. Includes stockpiling common borrow to use as backfill.
3.2	Installation of 2-inch water service line	lineal feet	7-09 as applicable, 9-30.6(3)B; Detail 4.	Cost for removing existing 2-inch PE water service line (WSL) from the driveway crossing and furnishing and installing new 2-inch WSL and casing per the drawings and specs. Includes connection to the existing line, pressure testing and disinfection. Does not include gravel pipe zone bedding and trench backfill.
3.3	Installation of 2-inch PSE power conduit	lineal feet	Detail 5; PSE plans (Appendix B).	Costs for removing PSE line and installing new 2-inch PVC conduit. Does not include gravel pipe zone bedding and trench backfill.
3.4	Installation of 1.5-inch Astound telecom conduit	lineal feet	Detail 5; Astound plans (Appendix B)	Costs for removing Astound telecom line and installing new 1.5-inch PVC conduit. Does not include gravel pipe zone bedding and trench backfill.
3.5	Replacement of private Romex cables	lineal feet	Detail 5; electrical code	Costs for removing two Romex electrical cables, installing two 1-inch PVC conduits and reconnecting to the ends of the existing cables. Hook up to be done by a licensed electrician. Does not include trench bedding and backfill.
3.6	Attachment of all conduits to the bridge	lump sum	PSE plans and specs, electrical code	Costs for installing brackets to the bridge girder and attaching the conduits for the PSE, Astound and private Romex cables.
3.7	Place pipe zone gravel bedding	tons	9-03.12(3)	Cost for furnishing, placing and compacting pipe zone bedding for all new utility lines. Scale ticket required.
3.8	Backfill trenches with common borrow	cubic yards	7-08.3 as applicable; Detail 4, PSE drawings	Backfill and compaction of trenches with common borrow. Includes placing marker tape.
4.	**Culvert Removal and Bridge Construction**			
4.1	Structural excavation, Class A – fill removal and subgrade preparation	cubic yards	3-07.3 as applicable	Cost for excavating the culvert fill and subgrade excavation and compaction for the bridge sills and ramps, riprap bank armoring, new stream bed and deformable grade control. Measurement is in-place volume of soil to be removed.

4.2	Onsite disposal of excess soil	cubic yards	1-09 as applicable	Cost for hauling and disposing excavated soil at an onsite location to be determined by SFEG's site manager. Includes grading to low mounds. Bid Item 2.5 covers TESC seeding. Stockpile and retain about 15 CY for later use (Item 4.7).
4.3	Culvert demolition and offsite disposal	lump sum	3-02.3(2)	All costs for removing the two road culverts and disposing them at an offsite location to be determined by the contractor.
4.4	Geotextile for separation (sill subgrade)	square yard	3-09.3(2), 9-33.2(1) Table 3	Cost for furnishing and placing soil stabilization geotextile at bridge sill subgrade.
4.5	Gravel backfill Class B	ton	9-03.12(1)B / 9-03.10	Cost for furnishing, placing and compacting gravel for sills, bridge ramps, bank armoring filter layer, and grade control trench. Scale ticket required.
4.6	Quarry spall bank armoring, placed	ton	9-13.1(5)	Cost for furnishing and placing WSDOT quarry spall bank armoring. Scale ticket required.
4.7	Common borrow (field soil) backfill	cubic yards	9.03.14(3)	All costs for grading stockpiled excavation spoils on banks, sills and the bridge ramps. Measurement is volume of final grading in-place
4.8	Prefabricated concrete bridge and sills	Lump sum	Per the shop drawings	SFEG to supply the pre-fabricated concrete bridge, sills and all associated materials under a separate contract. Preliminary shop drawings are included in Attachment 6.
4.9	Bridge and sill installation	lump sum	6-03.5 as applicable	All labor and equipment for installing the bridge, sills, shear plates, guardrails and all other components per the vendor's shop drawings and instructions. The vendor will deliver the materials to the site for the contractor to unload.
4.10	Crushed surfacing top course	ton	9.03.9(3)	Cost for providing, placing, and compacting top course on the bridge approach ramps and driveway trench cut(s), per the plans. Scale tickets required.
4.11	Reflectors and flexible guide posts	Each	9-17.1(1)	Install plastic reflectors on the ends of each bridge guard rail. Install flexible guideposts with reflective sheeting at the ends of the approach ramps.
5	**Stream Channel Construction**			
5.1	Deformable grade control	Lump sum	Spec. Prov. 8-28	Cost for constructing the deformable grade control, using stockpiled tree clearing slash and imported gravel backfill (Item 4.5).

5.2	Provide and place stream bed mix	ton	Special Prov. 9-03.11	All costs for furnishing and placing streambed mix in the new channel. Scale ticket required.
Additional Bid Items				
A1.	Temporary Vehicle Crossing Route	LF	Drawings and applicable WSDOT specs	Costs for materials, construction and removal of a temporary stream crossing equivalent to the design shown in Detail 6/Drawing Sheet 6.

ATTACHMENT 2
PROJECT SITE PHOTOS

Driveway Crossing at the Culvert Outlets

Culvert Inlets

Driveway Looking North from the Crossing

Driveway Looking South from the Crossing

Existing Utility Lines at the West Test Pit
Left to right: PSE power conduit, private Romex cable, 2-inch HDPE water service line (WSL), Astound telecom cable, private Romex cable. Location about 7 feet west of the driveway center line at depth approximate 36 inches below ground surface.

Existing Utility Lines at the East Test Pit. Top to bottom: Astound, Romex, PSE and WSL

ATTACHMENT 3
SPECIFICATIONS AND SPECIAL PROVISIONS

INTRODUCTION

All Project work shall be done in accordance with the drawings, permit conditions and the specifications listed in this document. Except where explicitly amended or supplemented in this document or in the drawings (hereafter "Special Provisions"), all work and contract administration procedures shall be done in accordance with the 2026 edition of the Washington State Department of Transportation *Standard Specifications for Road, Bridge and Municipal Construction* (hereafter "Standard Specifications"). The Standard Specifications and Special Provisions shall govern the work and shall be considered part of the Contract Documents. Inclusion of individual provisions of the Standard Specifications in the Contract Documents shall not be construed to imply that any provision that may not be listed is inapplicable.

The drawings contain special material and construction specifications for specific items of the overall work. The drawings also contain a general construction plan and a temporary erosion and sediment control (TESC) plan. All of the special specifications and plans listed in the drawings are incorporated into the contract. These special specifications and plans are intended to supplement the Standard Specifications for applicable and relevant work items identified in the drawings. Inclusion of special specifications for a particular work item shall not be construed to imply that any other applicable and relevant Standard Specification provision does not also apply to the particular work item. However, in accordance with Standard Specification Section 1-04.2, in case of any inconsistency between the drawings and the Standard Specifications, the drawings shall take precedence.

SPECIAL PROVISIONS

The following Amendments to the Standard Specifications are made a part of this contract and supersede any conflicting provisions of the Standard Specifications.

DIVISION 1 - GENERAL REQUIREMENTS

Section 1-01. Contract Administration

Section 1-01.3 Definitions

Section 1-01.3 is amended as follows:

For the purpose of this Contract, all terms in the Standard Specifications referring to the "State," "Department," and similar public entities shall be construed to refer to SFEG.

For the purposes of this contract, the Contracting Agency is Skagit Fisheries Enhancement Group (SFEG). SFEG's designated agent for contracting is:

Yuki Reiss
Skagit Fisheries Enhancement Group
P.O. Box 2497
Mount Vernon, WA 98273
360-770-3177

SFEG's designated agent shall have authority to make all decisions related to the administration and execution of the contract. The contract agent shall represent the design engineer, and have the authority to make decisions related to construction of the project on behalf of the design engineer, after due consultation.

Section 1-02.01 Prequalification of Bidders

Section 1-02.2 Plan and Specifications

SFEG shall keep review copies of the Plans and Specifications at its office and shall provide one copy of these at no cost to any prospective bidder upon request. The copy may be provided in paper or electronic form, per request. Upon award of the contract, SFEG will supply one copy of the Plans and Specs at no cost to the Contractor and subcontractor(s) (if any) upon request.

Section 1-02.3 Estimated Quantities

The bid form in the contract documents lists estimated quantities of work. Attachment 1 lists a schedule for measurement and payment. Bids and payment shall be based on these estimated work quantities.

Section 1-02.4 Examination of Plans, Specifications and Site of Work

This section is supplemented with the following:

Prospective bidders may visit the site during the specified pre-bid meeting time and date. All prospective bidders planning to attend the pre-bid meeting will notify the Project Manager so they will be notified of the time, and place of a site visit to be scheduled by the Project Manager.

Section 1-02.5 Proposal Form

Bidders shall complete the proposal form provided in the contract documents. All other provisions of Standard Specifications Section 1-02 are unchanged.

Section 1-02.6 Preparation of Proposal

Paragraph five; item #1 is revised to read:

The Bidder shall list all Subcontractors, fabricators, or suppliers expected to perform more than five percent (5%) of the contracted work on the bid form.

Section 1-02.7 Bid Deposit

This section is supplemented with the following:

1. A bid deposit is not required.

Section 1-02.9 Delivery of Proposal

This section is revised to read:

Bids shall be submitted to SFEG on the date and time specified in the bid advertisement. Bids may be submitted in paper format or in electronic .pdf file format provided that they contain all the relevant information in Section 1-02.9. Any part of the bid proposal not received prior to the time specified will not be considered and the bid will be returned to the bidder unopened.

Section 1-02.12 Public Opening of Proposals

This section is supplemented with the following:

Public opening of bids is not required of SFEG. After the Bid Opening, Bidders will be notified of bid results via email from the Project Manager.

1-02.15 Pre-Award Information

This section is supplemented with the following:

The wage determination(s) referred to in the Washington State Prevailing Wage Rate Law, are incorporated into the contract, and are identified as follows:

Washington State Prevailing Wage Rate for Skagit County.

Section 1-02.16 Bid Amounts

This section is supplemented as follows:

The Bidder agrees to hold the base bid prices for forty-five (45) days from date of bid opening.

Section 1-03 Award and Execution of the Contract

Section 1-03.3 Execution of Contract

This section is amended as follows:

The bidder will return to SFEG a signed contract, insurance certificate(s) and bonds within ten (10) business days after receipt of contract. If the apparent successful bidder fails to sign all contractual documents or provide the bond and insurance as required or return the documents within ten (10) business days after receipt of the contract, SFEG may terminate the award of the contract.

Section 1-03.4 Contract Bond

Item 1 is revised to read:

1. Be on a standard surety form;

All other items included as written

Section 1-04 Scope of Work

Section 1-04.4 Changes

This section is supplemented with the following:

SFEG reserves the right to make changes in the scope of work for reasons including, but not limited to, final funding availability and the conditions of the project's regulatory permits, in accordance with this section and the Standard Specifications.

Within this WSDOT section, 1-04.4(1) Minor Changes shall be modified as follows. The dollar threshold for consideration of "Minor Change" shall be reduced from $25,000 (WSDOT) to $5,000 for SFEG. Small changes to the work that add (or subtract) dollars shall be negotiated and tallied between SFEG and Contractor to $5,000 maximum. Contract adjustments above this threshold will be considered "Change Order" with more formal protocol as outlined in WSDOT Standard Specification 1-04.4.

Section 1-04.6 Variation in Estimated Quantities

This section is supplemented as follows:

Payment to the Contractor will be made only for the actual quantities of Work performed and accepted in conformance with the Contract. When the accepted quantity of Work

performed under a unit item varies from the original Proposal quantity, payment will be at the unit Contract price for all Work unless the total accepted quantity of any Contract item, adjusted to exclude added or deleted amounts included in change orders accepted by both parties, increases or decreases by more than 25 percent from the original Proposal quantity. In that case, payment for Contract Work may be adjusted as described herein.

Section 1-05.3 Plans and Working Drawings

This section is supplemented with the following:

Not later than ten (10) business days after signing of the Construction Contract with SFEG, the Contractor shall submit a written Construction Work Plan. No physical work is to be performed at the site until the Construction Work Plan is reviewed and approved by the Project Manager and Landowner, and Contractor is given Notice to Proceed. It should include at a minimum:

1. A list of construction personnel and the supervisory chain of responsibility proposed.
2. A detailed construction schedule
3. A Spill Prevention, Control and Countermeasures (SPCC) Plan
4. A Dewatering and Work Area Isolation Plan.
5. A Site Access and Traffic Control Plan.

Section 1-05.4 Conformity with and Deviation from Plans and Stakes

This section is supplemented with Special Condition 1-14.

Section 1-06.2 Acceptance of Materials

At least 10 days before commencing construction, the Contractor shall provide SFEG with samples of the stream bed mix (Section 9-03.11) that proposes to use for the construction work tasks. All other applicable provisions of Section 1.06.2 are unchanged.

Section 1-07 Legal Relations and Responsibilities to the Public

1-07.2 State Taxes

Delete 1-07.2(1) and 1-07.2(2) and replace with the following:

The total bid amounts shall include Washington State Sales Tax (WSST) as a line item. All other taxes imposed by law shall be included in the bid amount. SFEG will include WSST in progress payments according to the percent of completion. The Contractor shall

pay the WSST to the Department of Revenue and shall furnish proof of payment to the SFEG if requested.

1-07.5 Environmental Regulations

1-07.5(1) General

This section is supplemented with the following:

This specification describes requirements originating from the Washington Department of Natural Resources (WDNR) whose responsibility in this case is to make sure aquatic resources and fish communities are adequately protected during construction projects.

The Contractor is advised that many of the requirements for protection of fish life, water quality, etc., are shown on drawings and described in Division 8.

1-07.5(2) State Department of Natural Resources

This section is supplemented with the following:

In addition to the requirements listed in this section, the Contractor shall comply with the specific provisions of Forest Practices Hydraulics Project Approval permit ("FPHP"). SFEG will provide the FPHP for this Project to the Contractor upon receiving approval from WDNR, and the FPHP will then be included by reference to these specifications. Detailed requirements for fish exclusion, stream isolation and dewatering, and other relevant environmental projections are listed in Division 8.

1-07.6 Permits and Licenses

This section is supplemented with the following:

SFEG shall be responsible for obtaining all environmental permits required for construction, including but not necessarily limited to approvals from WDNR. SFEG shall provide the Contractor with copies of the relevant permits, which are required to be kept on-site at all times.

Section 1-07.17 Utilities and Similar Facilities

Section 1-07.17 is supplemented as follows:

Buried utility lines are known to cross the construction area and overhead utilities are known to cross the entrance to the Project site. All relevant provisions of Section 1-07.17 shall be followed.

The owners of the utility lines will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or these Special

Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this Project.

The Contractor is alerted to the existence of Chapter 19.122 RCW, a Washington State law relating to underground utilities. Any cost to the Contractor incurred as a result of this law shall be at the Contractor's expense

Liability Insurance (§1-07.18)

The Contractor shall include both Skagit Fisheries Enhancement Group and Conservation Project Workshop, Inc. as “also insured” in its commercial general liability insurance policy for the duration of the contract.

Section 1-07.18(5) insurance coverage is modified as follows: Insurance limits shall include: (a) Commercial or comprehensive general liability insurance covering bodily injury liability, property damage liability, contractual liability, and personal injury liability with limits of liability not less than $1,000,000 each occurrence, with at least $2,000,000 annual aggregate; and (b) Automobile liability coverage for all owned, hired, and non-owned vehicles with the same occurrence and annual aggregate policy limits as listed above for general liability insurance. Insurance coverage for Products and Completed Operations is not required.

Section 1-08. Prosecution and Progress

Section 1-08 is supplemented as follows:

Pre-Construction Meeting (new section)

Within 30 days of executing the contract, the Contractor shall meet with SFEG at the construction site to confirm the physical site conditions and to explain its detailed construction plan. At the Contractor’s request, SFEG will provide any additional measurements and site information that it may have that are relevant to the execution of the work. This information, if any, shall then be included as part of the Contract Documents.

Section 1-08.3 Progress Schedule

The second paragraph of this section is revised to read:

The Contractor shall submit one copy of the progress schedule (total working days) electronically to the Project Manager and Project Engineer no later than 7 days prior to the scheduled start of work. This schedule and any supplemental schedule shall show:

(1) Physical completion of all work within the specified contract time, (2) the proposed order of work, and (3) projected starting and completion times for major phases of the work and for the total Project. The schedule shall be developed by a critical path method. The Contractor shall provide sufficient material, equipment, and labor to meet the completion times in this schedule.

Section 1-08.5 Times for Completion

This section is amended as follows:

The Contractor shall accomplish all in-stream work requiring water diversion between July 15, 2026 and September 30, 2026. All site work, including demobilization and Project clean up, shall be finished by October 15th, 2026.

Section 1-08.9 Liquidated Damages

This section is amended as follows:

The Contractor further agrees that, from the compensation otherwise to be paid, SFEG may charge actual costs to the Contractor for any time over the agreed to completion date where work remains uncompleted, which sum is agreed upon as the actual damages which SFEG will sustain in case of the failure of the Contractor to complete the work in the time stipulated and this sum is not to be construed as in any sense a penalty. These actual costs will be, but not limited to:

1. Any fines by Permitting Agencies for work not being completed within the time frame stipulation in the permit.
2. Any costs imposed by the local authorities due to the work not being completed on time.
3. Additional special inspections and engineering services that might be required.
4. It is not the intent of SFEG to recoup its extra management expenses.

Section 1-09. Measurement and Payment

Section 1-09 (1) Measurement of Quantities is supplemented as follows:

The Contractor is advised that all volume measurements listed on the Bid Form are based on “neat-line” AutoCAD estimates. For bidding purposes, it would be assumed that in-place density of existing soil and compaction of materials hauled to the site may exceed the Bid Form amounts by 10% to 30%. For all excavation and/or backfill of native soils or imported “haul” materials that are measured by the cubic yard, the Contractor shall

assume that final excavated or placed quantities may exceed the listed quantity by up to 30% without additional payment.

Section 1-09.3 Scope of Payment is supplemented as follows:

Measurement and payment for the specific work items will be based on the schedule in Attachment 2. Estimated quantities of work items for bid purposes are listed in the proposal form. All other provisions of Section 1-09.3 are unchanged.

1-09.9 Payments

Section 1-09.9 is supplemented as follows:

SFEG intends to use a 45-day payment turn around schedule under this contract due to partial payment approvals and required signatures by the SFEG Board. The start of that 45-day clock will be based upon the written approval of the Contractors, partial pay request by the Project Manager, and that verification of prevailing wage affidavits have been properly filed and approved monthly by the Contractor with the State of Washington. Final payments shall not be made until written acceptance of all work by SFEG, and verification to SFEG that the Contractor has filed an Affidavit of Wages Paid with the Washington State Department of Labor & Industries.

Section 1-10 Temporary Traffic Control

Section 1-10 is supplemented as follows:

The Contractor shall coordinate with SFEG and the prefabricated bridge vendor to ensure that the bridge is moved from the delivery location to the work area with a minimum of disruption to the landowner and neighbors, and in accordance to the Construction Work Plan. As part of the Section 1-05.3 submittal, the Contractor shall submit a brief plan for SFEG's approval that identifies how the bridge will be moved to the work site and any clearing of vegetation or other property that must be done to accommodate the move. Upon approval, the Contractor's work activities shall conform to the plan. All other applicable provisions of Section 1-10 remain unchanged.

New Section 1-11. Construction Staking

Vertical control for construction will be referenced to three "reference points" (nails in tree trunks) as indicated on the drawings. Horizontal control for construction will be provided by the engineer, who will place wood stakes at the four outside corners for bridge pre-cast concrete footings (as shown on drawings), as well as off-set stakes to preserve these locations during project excavation. The engineer will also flag clearing limits, stake the vehicle detour route (if necessary), and stake or flag sandbag dam locations.

The Contractor shall be responsible for preserving or replacing, if necessary, all benchmarks and control stakes. The Contractor shall ensure a surveying accuracy within 0.1 feet vertical of the specified elevations. The Contractor shall provide SFEG with a copy of any calculations and measurements used in the construction work upon request.

New Section 1-13 Temporary Utilities

Notwithstanding any agreements with utility line owners to replace their existing electrical and telecommunication lines the Contractor shall supply and maintain all necessary and temporary electrical services and required water and sanitation facilities as needed for construction of this Project. A portable toilet shall be delivered and maintained for the duration of the project. Any water required on site will be provided by the Contractor. No water may be drawn from East Fork Silver Creek at the Project site, except for purposes of dewatering the work area, as identified in the dewatering plan and WDNR FPHP approval.

DIVISION 2 - TEMPORARY FEATURES

2-03.3(1)B2 Steel Plates

This section is supplemented as follows:

The Contractor shall temporarily place a steel plate on the driveway at its entrance from Silver Creek Drive sufficient to protect the underlying drainage culvert from being damaged by the passage of construction vehicles. The Contractor shall also temporarily relocate the landowner's wooden bench from the creek crossing area and replace it at the same location following completion of the work.

DIVISION 3 - EARTHWORK

3-01.3(1) Clearing

Section 3-01.3(1) is supplemented as follows.

Areas to be cleared prior to other work are shown on Drawing Sheet 5, and will be flagged on-site. The four (4) trees to be removed (including root wads) will be flagged. The Contractor shall cut slash from these trees as needed for building the buried grade control, per Section 3.03.3. All remaining cleared tree brush material will be disposed of on the landowner's property within 200' of the bridge site. Debris shall be piled, mashed down, and left for natural decomposition. No burning of debris is allowed. Payment for Clearing shall be Lump Sum as listed on the Bid Form.

3-01.2(2) Waste Site

All excavated soil that is not used as “Selected Materials” (see Section 3-03.3) shall be disposed of on the landowner’s property to be determined by the landowner and SFEG. The soil shall be placed in lower piles and seeded and mulch, per the TESC plan.

3-02 Removal of Structures and Obstructions

Section 3-02 is supplemented as follows:

The Contractor shall remove the existing 36-inch diameter and 28-inch diameter steel culverts from the existing road crossing, crush them, and dispose them off-site.

3-03.3(10) Selected Materials

Two types of material that is identified in the plans are considered to be “Selected Materials” and follow the applicable provisions of Section 3-03.3(10). Soil that is excavated from the culvert overburden that meets the specification for “Common Borrow” (Section 9-03.14(3)) will be used to backfill the bank armoring and surface dressing for sides of the bridge ramps and sills. Slash from tree clearing shall be used to construct the buried slash grade control.

New Section Added

3-03.3(20) Stream Bed Excavation

The new channel shall be excavated to the elevations, cross sections, and profile shown in the drawings. Excavation shall include creating irregular-shaped channel section and floodplain as shown in the drawings and in the typical details. The final channel subgrade shall be compacted to match the surrounding natural soil compaction.

The lines and grade of the constructed channel shall be tapered to meet the lines and grade of the existing channel upstream and downstream of the work boundaries in a natural appearance, to the satisfaction of SFEG.

DIVISION 4 – AGGREGATES AND BASES

4-04.1 Description

This work consists of placing a sub grade for the bridge sills, bank armoring, and re-graded road, as shown on the plans. Placement shall conform to the lines, grades, depth, and typical cross-sections shown in the Plans.

4-04.2 Materials

Materials shall meet the requirements of the following sections:

Gravel Backfill 9-03.12

Crushed Surfacing 9-03.9(3)

Common Borrow 9-03.14(3)

4-04.4 and 4-04.5 Measurement and Payment

Measurement and Payment will be based on the quantities identified in the Schedule of Measurement and Payment and include compensation for all costs of procuring, hauling, placing, and compacting of the material.

DIVISION 6 - STRUCTURES

Section 6-01 General Requirements for Structures

Section 6-01.1 Description
This section is amended as follows:

SFEG will purchase a pre-engineered and prefabricated concrete bridge, abutment sills, back walls and related appurtenances, and pay for their delivery to the Project site for installation by the Contractor.

The Contractor shall be responsible for coordinating the final delivery arrangements and unloading the bridge and related structures at the Project site, which typically includes real-time cell phone communication with the delivery truck driver. The Contractor's approved construction access plan (Section 2-04.3) shall include all necessary arrangements for ensuring traffic safety on Silver Creek Drive during delivery and unloading the bridge and related structures.

The Contractor shall become the owner of the bridge and related structures at the time of delivery. Ownership shall transfer to the landowner upon final acceptance of Project by SFEG and payment of the construction. All warranties for the bridge workmanship and fabrication shall remain in effect from the fabricator. Installation and construction warranty shall remain in effect for one year after final acceptance by the Contractor.

The approximate dimensions of the bridge, sills, and related structures are shown in the drawings and in shop drawings, which will be provided by the vendor. The Contractor shall install the bridge and related structures per the location, elevations, and other relevant details shown in the drawings.

All other relevant provisions of Sections 6-01, 6-02 and 6-03 shall apply, as appropriate.

DIVISION 7 – WATER MAINS, ETC.

Section 7-09 Water Mains

The Contractor shall follow applicable provisions of Section 7-09 and Drawing Sheet 10 / Detail 4 for replacing the water service line (WSL) beneath the creek. The new WSL shall match the material (i.e. PE) and diameter of the existing WSL.

DIVISION 8 - MISCELLANEOUS CONSTRUCTION

SECTION 8-01 IS AMENDED AS FOLLOWS:

8-01 Erosion Control and Water Pollution Control

The Contractor shall furnish, install, and maintain various measures (aka "best management practices" or BMPs) at the work site to stabilize soil from excessive erosion and protect off-site waterbodies from sediment runoff. Specific BMPs are listed in Sheet 5 "Work Sequencing and Temporary Erosion and Sediment Control (TESC) Measures" in the drawings. Additional BMPs may be identified in the Project's WDNR Forest Practices Hydraulic Project (FPHP) approval and other associated environmental permits. Applicable provisions of the WDNR FPHP permit are incorporated by reference.

The Contractor shall prepare a Stormwater Pollution Prevention Plan (SWPPP) if required by the Contracting Agency. Prior to commencing work on the Project, the Contractor shall attend an on-site meeting with the Contracting Agency to identify TESC BMPs required for this Project. At that time the Contractor and Contracting Agency may modify the specified TESC measures as appropriate from the forecasted weather conditions. Erosion and sediment control BMPs to be used shall conform to the current Stormwater Management Manual for Western Washington, Department of Ecology Publication #12-10-030, Chapter 3 – "Construction Stormwater Pollution Prevention."

8-01.3(2) Temporary Seeding and Mulching

The Contractor shall complete temporary seeding and mulching of all disturbed soil, including soil covered by erosion control blanket, within two days of completing grading activities. Seed shall be commercially-prepared, low-growing, weed-free, live native grass seed mix applied at a rate of 2 pounds per 1,000 sf. by hand raking. Mulch shall be weed-free straw applied at an application rate of 2,500 per acre (about 60 lb//1000 sf). All other provisions of Section 8-01.3(2) apply, as appropriate.

8-01.3(7) Erosion Control Blanket

The TESC plan in the drawings supplements Specification No. 8-013(7) by specifying use of C-150 coir erosion control fabric or equivalent. The fabric shall be installed and staked per the specification and the manufacturer's guidance.

SPECIAL PROVISION: ADD NEW SECTION

8-05 In-stream Work Area Isolation, Dewatering and Fish Exclusion

8-05.1 Description and Purpose

The Work shall consist of providing, installing, operating, removing, and disposing of temporary measures (aka "best management practices" or BMPs) for excluding fish from, isolating, and dewatering the work area in East Fork Silver Creek. The purpose of the work is to protect water quality and fish from construction-related turbidity impacts.

This section supplements Section 8-01.3(1)C "Water Management" and Section 8-31 "Temporary Stream Diversion." Relevant provisions of Section 8-01.3(1)C and Section 8.31 shall apply, as appropriate.

8-05.2 General Requirement and Work Plan

The Contractor shall design, provide materials for, construct, operate and maintain the specific BMPs that are identified in Sheet 5 "Work Sequencing and TESC Measures" of the drawings. Additional BMPs may be identified in the project's FPHP permit. Applicable provisions of the FPHP permit are incorporated into this specification by reference.

The Contractor shall submit a stream isolation and dewatering plan, which details the design and operation of the required BMPs, to the Contracting Agency within 10 working of contract execution, per Section 1-05.3. The Contractor shall not commence construction until the Contracting Agency approves the plan.

8-05.3 Construction Requirements

All construction work shall be done in accordance with the BMPs identified in the approved stream isolation and dewatering plan, including but not necessarily limited to the following items.

8-05.3(1) Work Area Isolation

The Contractor shall isolate the work areas as required to protect the creek from turbidity impacts during construction activities. The drawings specify placing a continuous line of sand bags between the banks of the excavated areas. The Contractor may use an equivalent alternative design identified in its approved stream isolation and dewatering

plan. The Contractor's stream isolation and dewatering plan shall include a method for bypassing the flow around or through the construction area. The bypass pipe shall be installed in place during the entire construction period. The Contractor shall be responsible for installing and maintaining the work items so that they function as intended throughout the duration of the construction work.

If turbidity or sediment from the work area is found to be impacting the creek at levels which may constitute a violation of any water quality requirements or permit conditions, the Contractor shall stop work to allow dissipation of turbidity or sediment until water quality returns to within the relevant water quality standards.

Prior to recommencing work, the Contractor's certified erosion and sediment control lead (CESCL) and the site engineer will identify and implement measures to control the turbidity. Measures may include but not necessarily be limited to:

.

1. Conducting an inspection of all controls to identify any potential problems. Immediately repair and/or replace any controls found to not be effective.
2. Augmenting existing controls as necessary.
3. Altering work methods and/or means as necessary to prevent any further occurrences of violations in water quality.
4. After performing all of the above, work activities may be continued provided water quality conditions are met.

Work Area Isolation shall be done in coordination with related Erosion Control and Water Pollution Control tasks (Section 8-01), including installation of turbidity curtains (Section 8-01.3(1)C7.

8-05.3(2) Work Area Dewatering

The Contractor shall dewater the work area as required to construct the work and to protect the creek from turbidity impacts during construction activities. Specific work items are identified in the drawings and FPHP permit, as appropriate. The Contractor shall be responsible for installing, operating, and maintaining the work items so that they function effectively and are in compliance with the relevant permit conditions throughout the duration of the construction work.

Work Area Dewatering shall be done in coordination with related Erosion Control and Water Pollution Control tasks (Section 8-01), including construction of pump discharge pads (Section 8-01.3(1)D).

8-05.3(3) Fish Exclusion and Notifications

The Contracting Agency shall be responsible for completing the fish exclusion activities at the work site, per the requirements of the FPHP permit. At the Contracting Agency request, the Contractor shall assist its staff with fish exclusion tasks. The Contractor shall notify the Contracting Agency a minimum of 5 working days prior to starting any in-stream construction activities, and shall make the stream isolation area safe and accessible, to allow the Contracting Agency to complete fish exclusion activities. In-water work shall not commence until the Contracting Agency has completed the fish exclusion activities. It is anticipated the fish exclusion activities will take one day to complete.

8-05.3(4) Removal of Temporary Work Area Isolation Measures

After completing all work in the isolated channel area, the Contractor shall remove all of its temporary stream isolation and dewatering materials measures. The Contractor shall notify the Contracting Agency two days before removing the temporary measures. Re-watering of the stream channel after completion of the in-stream construction shall be done gradually, with oversight from SFEG, so there is no discernable change in streamflow downstream of the Project site. If excessive turbidity impacts are observed after removing the temporary controls, the Contractor will take appropriate measures to address the turbidity, per the instructions of the site engineer and CESCL, as outlined in Item 8-05.3(1).

8-05.4 Measurement and Payment

Work Area Isolation shall be paid on a lump sum basis. Payment shall be compensation for providing, installing, maintaining, and removing all work for isolating the work area.

Work Area Dewatering shall be measured on a per day basis for running dewatering pump(s), as detailed in Bid Item 2.3.

SPECIAL PROVISION: ADD A NEW SECTION

Section 8-28 Deformable Grade Control

Section 8-28.1 Description and Purpose

A buried deformable grade control is a buried structure of natural wood material intended for the purpose of protecting the new stream channel construction from excessive downcutting and erosion.

Section 8-28.2 Materials

The deformable grade control shall consist of all materials specified in the Drawings, including posts and slash, as specified in Detail 2.

Section 8-28.3 Construction Requirements

The Contractor shall install the deformable grade control at the location, configuration, and elevations shown in Detail 2 of Drawing Sheet 9. The site engineer may direct the Contractor to modify the location and configuration of the structure, depending on site conditions.

The Contractor shall exercise care when installing the deformable grade control to ensure that the method of installation minimizes disturbance of waterways and prevents sediment or pollutant discharge into water.

Section 8-28.4 Measurement

The deformable grade control shall be measured on a lump sum basis.

Section 8-28.5 Payment

Payment will be made in accordance with Section 1-04.1 for the following:

Deformable Grade Control – lump sum.

The bid item price shall include all costs including materials, labor, equipment, and appurtenances required for construction of the structure, as shown in the Drawings.

DIVISION 9 - MATERIALS

Section 9-03.11 Streambed Aggregates is amended as follows:

Section 9-03.11(1) Stream Bed Sediment (“Stream Bed Gravel-Cobble Mix”)

A 6-inch depth of stream bed sediment shall be placed on the finished subgrade of the reconstructed stream channel to match the final elevations and channel cross sections, as shown in the Drawings and typical details. Placement of stream bed sediment shall be done following installation of the water service line and construction of the deformable grade control as specified in Special Provision Division 8.

The stream bed cobble mix shall be clean, naturally-occurring, water-rounded gravel material with particle size ranging from <1/4” to 8”, in approximately the following proportions:

- 60% of the total volume shall be gravel of size passing a 1.5" screen
- 20% shall be coarse gravel and small cobble between 1.5" and 3.5"
- 20% shall be cobble between 3.5" and 8" size

The Contractor shall provide a screening gradation curve of the proposed stream bed mix from the source quarry for approval by the Engineer prior to acceptance for use in the Project.

ATTACHMENT 4: STATE PREVAILING WAGE RULES AND RATES

The Contractor shall submit certified payroll and comply will all other relevant requirements as described at:
https://lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/

Wage requirements can be confirmed at https://secure.lni.wa.gov/wagelookup/

ATTACHMENT 5: CONSTRUCTION PLAN SET

(Bound Separately)

TayorMixon EF Silver Creek Fish Passage Barrier Removal
Conservation Project Workshop, Inc.
Tom Slocum, PE

Dated: 1/15/2026

TaylorMixon EF Silver Creek Fish Passage Barrier Removal

FFFPP Project No. 22-1783

Construction Plan Set

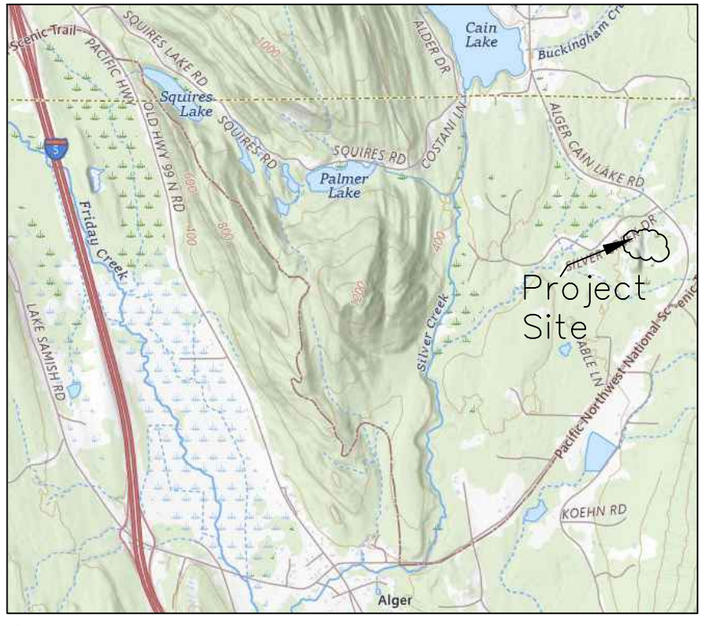
Project Owner

Blake & Jennifer TaylorMixon
19784 Silver Creek Drive
Sedro–Wooolley WA 98284

Contracting Agent

Skagit Fisheries Enhancement Group
PO Box 2497
Mount Vernon, WA 98273
email mcrowley@skagitfisheries.org

SITE VICINITY MAP



NE ¼ of Sec. 5, T36N, R4E, 19784 Silver Creek Drive, Skagit County, Washington. Lat. 48.635413° N, −122.318320° W

INDEX OF DRAWINGS

1. Cover Sheet
2. Project Information Sheet
3. Existing Site Plan
4. Work Sequencing and TESC Measures
5. Proposed Site Plan
6. Proposed Channel Profile and Cross Section Views
7. Road Grading Profile and Section Views
8. Construction Detail 1
9. Construction Details 2 & 3
10. Construction Detail 4
11. Construction Detail 5
12. Construction Detail 6

Appendix 1: Bridge Shop Drawings
Appendix 2: Utility Company Supplemental Drawings

Culvert outlets at the driveway crossing

View west from the driveway crossing

Design Prepared by

Conservation Project Workshop, Inc.
2752 Broadway St.
Bellingham WA 98225
email: tom.cpworkshop@gmail.com

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, −122.318865°W

REVISIONS

No.	Date	Description
1.	2/11/26	SFEG review revisions
2.	3/21/26	Utility replacement update

PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/15/2026

Title Sheet

THOMAS M. SLOCUM STATE OF WASHINGTON 34003 REGISTERED PROFESSIONAL ENGINEER

Project Purpose

The purpose of the project is to improve fish passage in an unnamed tributary of East Fork Silver Creek. The project is funded by the Washington Family Forest Fish Passage Program (FFFPP).

Project Description

The project includes the following elements:

- Removing two undersized culverts and associated fill from an unpaved private driveway crossing of the creek.
- Replacing the crossing with a 40–foot x 14' prefabricated concrete bridge on concrete sills. The bridge is rated to HL–93 live loading.
- Constructing 30 LF of stream channel through the crossing, including a buried slash "deformable" grade control weir.
- Replacing buried utility lines across the creek crossing.

Elevation Datum and OHW

All elevation data in the plans are referenced to a project benchmark shown on the site plans. The bench mark has an assumed elevation of 397.00' NAVD88, based on a recent Skagit County LiDAR elevation model.

Channel bed width (CBW) was determined by field indicators of Ordinary High Water (OHW) by the designer and WDFW and WDNR staff an July 29, 2025. The OWH and 100–year water surface elevation (WSE) lines are indicated on the drawings. The project site is not located within a mapped FEMA floodway.

Land Ownership

Project work will occur on Skagit County tax parcel ID Nos. P48885 and 992005. Authorization for the project work has been provided by the respective landowners.

General Specifications

The project shall be constructed to the lines, grades and specifications shown in the drawings and the supplemental detailed specification sheets. Except where noted in the specs, all work shall follow current WSDOT "Standard Specifications for Road, Bridge and Municipal Construction."

Utilities

Buried power, cable and water service lines run beneath the road crossing, and will be relocated as part of the scope of the project. Sheet 11 shows a photo of the buried lines. No representation is made regarding the presence or absence of other utility lines that are not readily visible, if any. Responsibility for identifying and protecting utilities that are not identified in the drawings shall be the contractor's in accordance with WSDOT standard specifications.

Permits

Skagit Fisheries Enhancement Group (SFEG) is responsible for obtaining all relevant environmental permits. All work shall be done in accordance with all relevant permit requirements.

Critical Area Impacts

SFEG has determined that no regulated wetlands occur adjacent to the proposed work area. The creek is listed as WDNR Type "F" water body. The boundaries of excavation and fill placement are shown on Sheet 6 of the drawing set. All work in at the site shall comply with the conditions of the WDNR Forest Practices Hydraulic Permit.

Estimated Work Quantities

Estimated quantities of construction work are listed in the contractor bid sheet.

Abbreviations

The following abbreviations are commonly used in the plan:

BM	bench mark
CB	construction boundary
CBW	channel bed width
CL	center line
DS	downstream
EL	elevation
EOG	edge of grading
GSE	ground surface elevation
IE	invert elevation
LWM	large wood material
OHW	ordinary high water
RP	reference point
SF	silt fence/silt curtain
Typ.	Typical
US	upstream
XS	cross section
WSE	water surface elevation
WSL	water service line

General Legend

The following symbols are commonly used in the plan. Other symbols are identified in individual drawing sheets.

Center line
Concrete
Construction boundary (CB)
Contour line (100)
Property line
Edge of grading (EOG)
Electric & cable lines (E)
Existing ground surface
Existing fill
Existing road
Feature removed
Fence
New earth fill
Ordinary High Water Mark (OHW)
Property line
Rock or gravel
Silt fence/silt curtain (SF)
Station (distance) + 1+00
Water service line (WSL)
Water surface
Low water edge/surface
General utility line (UTIL)

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, –122.318865°W

REVISIONS

No.	Date	Description
1.	2/11/26	SFEG review revisions
2.	3/21/26	Utility replacement update

PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/30/2026

Project Information Sheet

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34303 — REGISTERED PROFESSIONAL ENGINEER

EXISTING SITE PLAN

Scale 1" = 30'

0' 15' 30'

North

TABLE OF REFERENCE POINTS	
Reference Point	Notes
BM1	Project elevation benchmark at crown of 3'ø culvert outlet. Assumed elev. = 394.00' NAVD88.
RP1	18"ø alder, nail in trunk at elev. 396.61"
RP2	30"ø alder, nail in trunk at elev. 397.00"
RP3	15"ø cedar, nail in trunk at elev. 397.12'

Transformer for service connection to 19786 Silver Creek Drive is opposite driveway Sta. 6+80±.

Edge existing running surface

*The approximate location of the property boundary is shown. Refer to the Lisser & Assoc., PLLC 3–11–2026 survey for the actual location.

Parcel 992005
19786 Silver Creek Dr.

Parcel P48885
19784 Silver Creek Dr.

Estimated property line*

Creek Sta. 0+00

xs 0+67

1+00

Flow

xs 1+60

xs 1+81

xs 1+99

Existing 28' x 36"ø and 28' x 24"ø' CMP culverts

2+00

xs 2+29

xs 2+92

xs 3+32

3+00

4+00

5+00

xs 4+79

RP 1

RP 2

RP 3

bench

Estimated 100–year flood extent.

Mean channel bed width (at OHWM) Sta. 0+00 to 4+50 =12.4 feet.

Existing 33' x 10"ø swale culvert to be left as–is.

Road Sta. 1+00

Transformer for service connection to 19784 Silver Creek Drive is opposite driveway Sta. 0+48.

±155 LF to the house

Ephemeral Swale

394'

395

400

gravel driveway

UTIL

TP

EF Silver Creek Trib.

Closed FPAR Road

Artificially widened CBW associated with the closed forest road.

Legend

Creek Ord. High Water	OHW
Estim. 100 yr flood extent	
Creek stationing	1+00
Driveway stationing	1+00
Existing riprap	
Buried utility line*	UTIL
Utility test pit location	TP
Electrical transformer	T
Large tree	

*Location and depth of existing utility lines verified at two test pits March 2026. Line alignment at other locations to be verified by the contractor.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, –122.318865°W

REVISIONS

No.	Date	Description
1.	2/11/26	SFEG review revisions
2.	3/21/26	Utility replacement update

PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/15/2026

Existing Site Plan

THOMAS M. SLOCUM STATE OF WASHINGTON 34003 REGISTERED PROFESSIONAL ENGINEER

SHEET 3 OF 12

WORK SEQUENCING AND TESC MEASURES

The construction work shall follow the general plan below. The contractor is solely responsible for deciding the actual methods and sequence of all construction tasks.

1. General Best Management Practices

1.1. All work shall be done during summer low water in accordance with all permit conditions. Work shall follow WDFW's Aquatic Invasive Species BMPs, per the specifications.
1.2. Construction access onto the site is via a private driveway off Silver Creek Dr. Contractor shall protect the culvert at the driveway entrance with a steel plate during construction. Vehicles are restricted to the construction area boundaries shown in the schematic drawing. A field along the driveway is flagged for construction staging.
1.3. All work will be done using tracked excavators operating landward from the banks of the creek. A temporary vehicle crossing route can be used if necessary (Item 8).
1.4. All construction work shall be isolated from surface water using the BMPs listed in Item 3.

2. Pre–construction Brushing and Staking

2.1. The project engineer will stake out the clearing limits and the locations and elevations of the work items before the start of construction. The contractor shall mark offsets as needed.
2.2. Tree clearing is limited to four flagged alders. Slash may be used for the buried grade control with the rest disposed of at an on–site location identified by the landowner. No other vegetation shall be removed without approval from SFEG's site manager.
2.3. The owners' creekside bench shall be removed and stored for reinstallation at the end of construction.

3. Dewatering and Water Quality Protection BMPs

3.1. During the summer construction window, flow in the creek is expected to be negligible, but the contractor shall be prepared to suspend construction work if unexpected high rainfall events raise water levels.
3.2. Silt/filter fencing shall be placed across the creek channel at the upstream and downstream construction boundaries, as shown in the schematic figure. SFEG staff will block net the channel to move any fish downstream before the contractor places the downstream silt fencing. SFEG will leave block nets in place for the duration of the work.
3.3. The culvert removal work area will then be isolated by constructing temporary dams of sandbags and plastic sheeting or equivalent across the wetted channel between the silt fencing. Typical locations for the dams are shown on the schematic drawing. Stream flow, if any, will be diverted through the work area by a 6" diameter flexible drain culvert placed between the sand bag dams. The contractor shall shift the location of the culvert as needed for completing the excavation and culvert construction work.
3.4. Standing water in the outlet pool and seepage into the excavation will be removed by pumping as needed. The schematic shows a typical configuration for two pumps. Both pumps shall be fitted with fish exclusion screens.
3.5. Water pumped from de–watering will be discharged over the crest of the left bank berm following the TESC BMPs in the specifications and permits.
3.6. Disturbed soil in the work area shall be temporarily stabilized with straw mulch during construction work until final site restoration is done.

4. Utility Line Relocation

4.1. Power, water and telecom lines are buried at a depth of about 36 inches along the west shoulder of the driveway. The contractor shall relocate the lines across the new road crossing per the details on Sheets 10 and 11, in cooperation with the utility owners.
4.2. Temporary relocation of water, telecom and electrical utility lines for the duration of the construction work may be required before removing the culverts, depending on final agreement between SFEG and the landowner. Temporary relocation tasks, if any, will be specified in the contract terms.

5. Culvert Removal and Rough Grading

5.1. The existing culverts and road fill will be removed. The channel bed and bank slopes will be excavated back to the subgrade limits show on Sheet 6. Excavation shall be limited to the area delineated on the site plan. The culverts will be crushed and disposed of off–site.
5.2. Suitable loam spoils may be reused for top dressing the shoulders of the approach ramps. Suitable gravel spoils may be used as "common borrow" for backfilling the bridge sills and driveway ramps. The site engineer will determine whether excavated material is usable for this purpose.
5.3. All remaining excavated material will be disposed of at an on–site location to be selected by the landowner and SFEG site manager with no risk of runoff to the creek. The spoils will be seeded with native grass per Item 7.

6. Channel, Culvert & Road Construction

6.1. After installation of the water surface line (WSL), rock armor will be placed on the excavated slopes beneath the bridge per Detail 1.
6.2. The buried slash "deformable" grade control will be constructed per Detail 2.
6.3. Stream bed mix will be placed in the channel to the final grade per Detail 1.
6.4. The precast bridge sills, bridge deck panels and timber guard rails will be installed per Detail 1 and the bridge vendor's shop drawings. Final elevation of the sills shall be confirmed in the field by the site engineer.
6.5. The power and cable lines will be attached to the bridge deck per the utlity owner's specifications.
6.6. The sills will be backfilled and approach ramps constructed per Details 1 and 3.

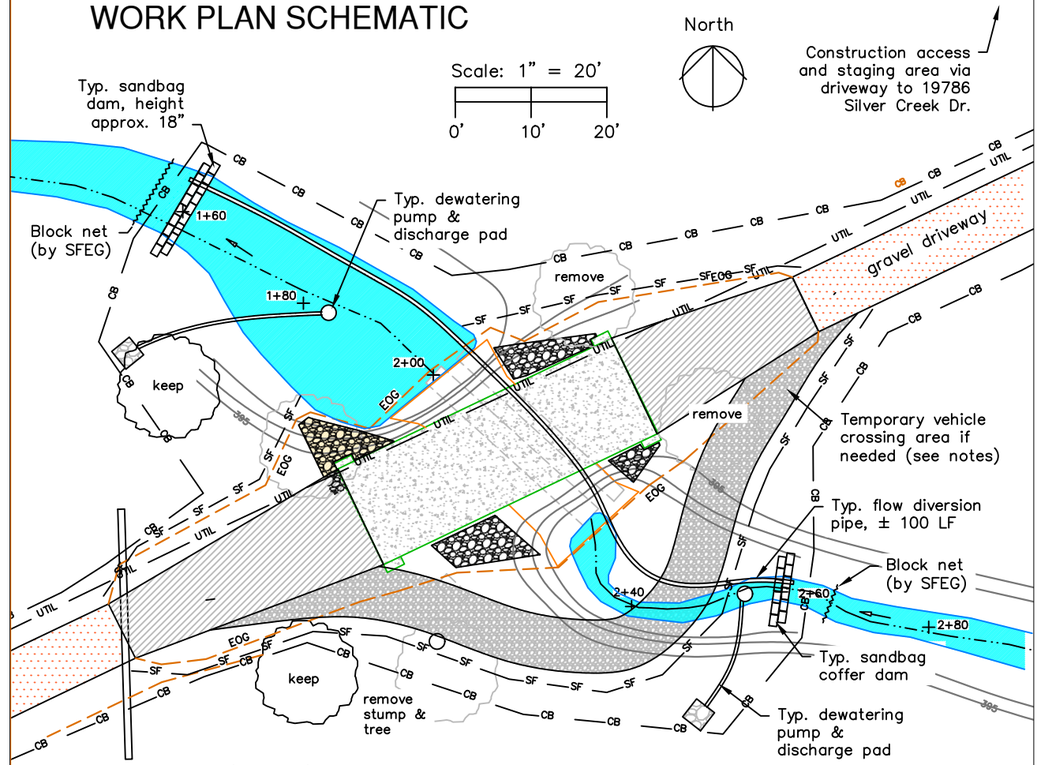
7. Erosion Control Planting and Site Cleanup

7.1. The temporary dams and the silt fencing will be removed from the creek channel immediately after completing the bridge installation. Filter fencing will then be placed along the toe of grading, as shown in the schematic.
7.2. The sides of the approach ramps and all creek bank soils that were disturbed by construction will be covered with C–350 coir erosion control fabric and planted with native grass seed. The staging area, any soil disposal sites, and any other disturbed soil areas will be seeded with native grass and mulched with straw.
7.3 After the temporary ground cover is established in the fall, the remaining filter fencing will be removed.
7.4 All construction materials and equipment will be removed to the satisfaction of the landowner.

8. Temporary Vehicle Crossing Route

8.1. The contractor may construct a temporary vehicle crossing route across the creek, if needed for construction or emergency vehicle access, to be decided at the pre–construction meeting. The temporary access route will be bid as an alternative bid item.
8.2. The access route will be constructed per Detail 6 after fish removal and dewatering is completed,
8.3. All construction materials will be removed from the access route after the driveway re–opens for vehicles. The creek banks will be re–graded and channel bed restored to their original condition, and disturbed soil seeded and mulched per Item 7.
8.4. SFEG will replant any shrubs that were removed after the seeding is established.

WORK PLAN SCHEMATIC



Legend

Construction boundary	CB
Silt curtain/silt fence	SF
Typ. summer water surface	
Temporary dam	
Grading edge	EOG
Block net (by SFEG)	

Isolate work area with bulk bags or sheet piling at upstream and downstream construction boundary and de–water with pumping.

Place filter fencing along the edge of grading and treat disturbed slopes with coir and grass seed.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, –122.318865°W

REVISIONS

No.	Date	Description
1.	2/11/26	SFEG review revisions
2.	3/21/26	Utility replacement update

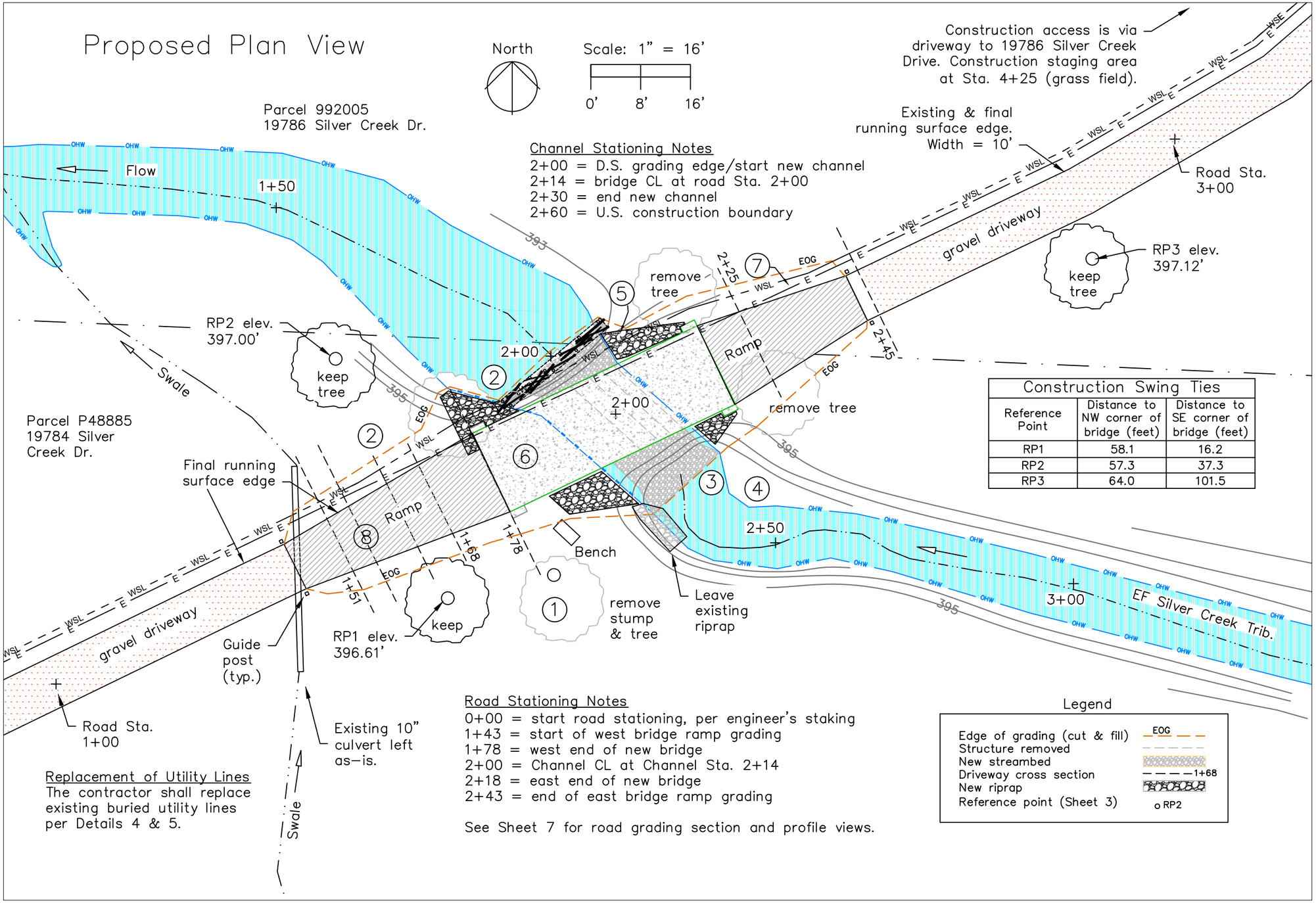
PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/30/2026

Work Sequencing and TESC Measures

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34003 — REGISTERED PROFESSIONAL ENGINEER

Proposed Plan View



Construction Swing Ties

Reference Point	Distance to NW corner of bridge (feet)	Distance to SE corner of bridge (feet)
RP1	58.1	16.2
RP2	57.3	37.3
RP3	64.0	101.5

CONSTRUCTION NOTES

1. Clear flagged alder trees from the construction zone and dispose onsite. Slash may be used for the channel weir. Remove the bench and replace it after completion of the construction work.
2. Complete all dewatering and TESC measures after SFEG completes fish removal tasks. A temporary vehicle crossing may be used. (Sheet 12).
3. Remove the two existing driveway culverts and dispose off site. Remove driveway fill and riprap from the channel, except leave about 8 feet on the left bank upstream of the culvert. The site engineer may approve reuse of suitable gravel for the bridge ramps. Dispose riprap offsite.
4. Construct 30 LF of new channel and a buried slash weir (Sheet 9).
5. Place new rock armor on banks (Sheet 8).
6. Install a new, prefab concrete 40'x14' bridge on prefab sills (Sheet 6).
7. Re-align the 2" WSL beneath the creek bed (Sheet 10). Replaced power and telecom lines in cooperation with the utility owners (Sheet 11).
8. Grade driveway ramps to meet the finished bridge deck (Sheet 7).
9. Disturbed vegetation will be replanted by SFEG under a separate contract.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

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Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
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PREPARED BY:
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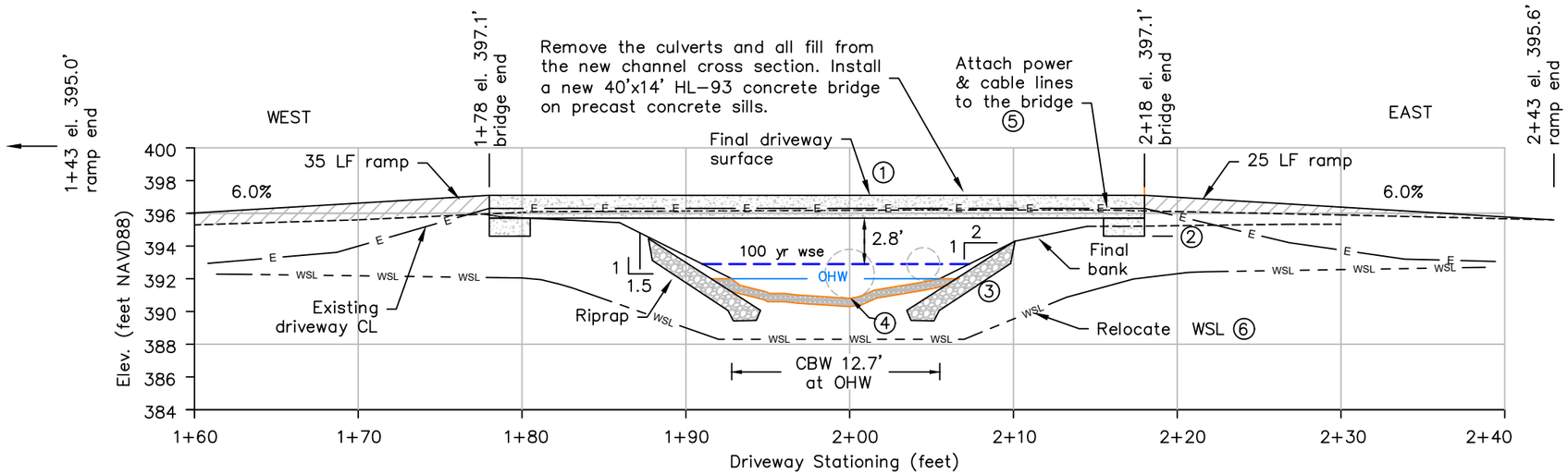
DATE:
1/30/2026

Proposed Plan View

THOMAS M. SLOCUM STATE OF WASHINGTON 54300 REGISTERED PROFESSIONAL ENGINEER

Channel Cross Section at the Driveway CL (Channel Sta. 2+14)

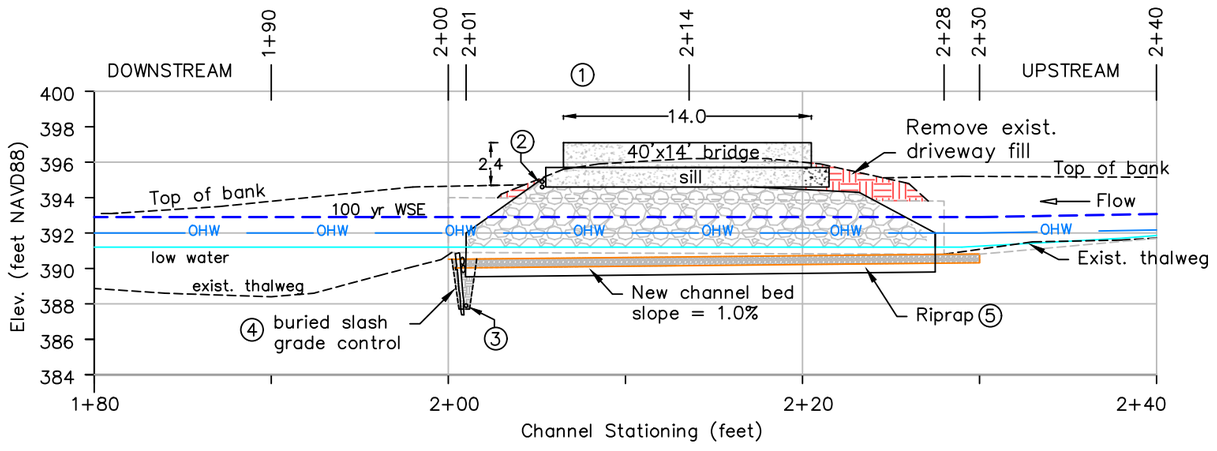


See Detail 1 for the bridge abutment and bank armor design.

KEYED NOTES

1. Bridge deck surface el. 397.1' (Guard rails not shown)
2. Top of sill elev. 395.7'
3. Base of riprap elev. 389.8'
4. Channel thalweg elev. 390.8'
5. Relocate buried power and cable lines across the bridge per Detail 5.
6. Relocate the buried water service line below the creek per Detail 4.

Channel Profile at Driveway Crossing (Driveway Sta. 2+00)



KEYED NOTES

1. Sta. 2+00 to 2+30 remove existing culverts and all fill and construct channel per the detail.
2. Buried power and cable lines to be relocated onto the D.S. side of the bridge girder.
3. Buried water service line to be relocated 2.5 feet below the final channel grade and reconnected at both ends.
4. Construct buried slash/deformable grade control weir, per Detail 2.
5. See plan view for extent of rock armor.

CHANNEL PROFILE FEATURES

Sta.	Description
1+90	Center of existing outlet pool, elev. ±288.4' (left as-is).
2+00	Ex. culvert outlet, edge of riprap, end of new channel. Thaleg elev. ± 390.5'
2+01	CL new "deformable grade control" Crest elev. 390.6'
2+14	CL new bridge. Deck elev. = 397.1'
2+28	Ex. culvert inlet, edge of riprap. Riprap toe elev. = 391.4'
2+30	Start new channel. Thalweg elev. = 3+90.8'

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, -122.318865°W

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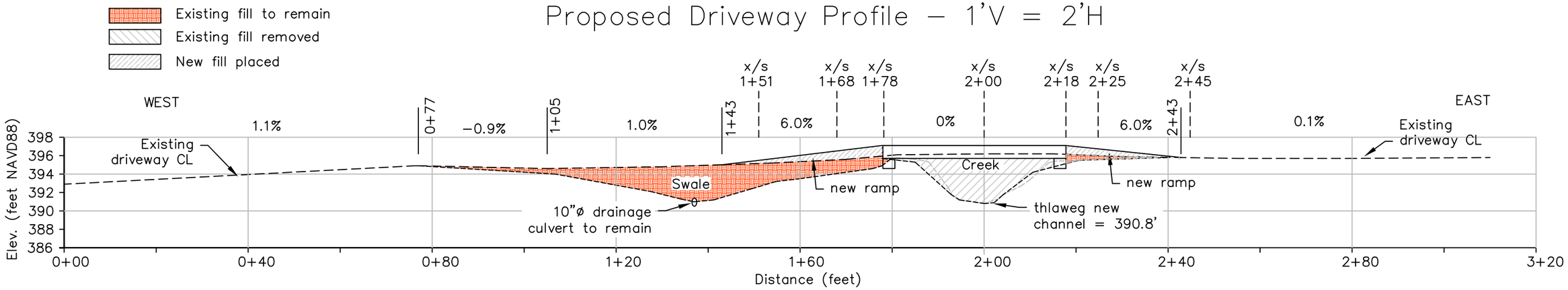
PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/30/2026

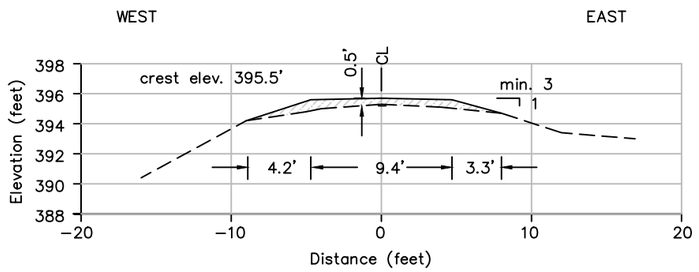
Proposed Bridge Profile and Cross Section Views

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34703 — REGISTERED PROFESSIONAL ENGINEER

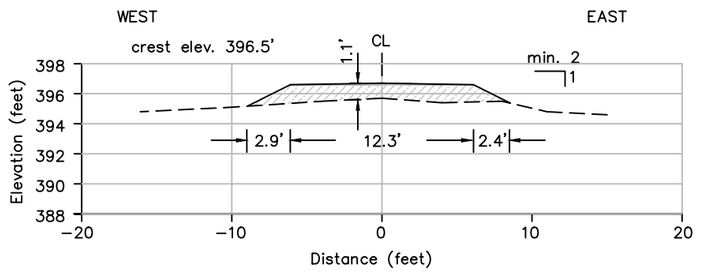
Proposed Driveway Profile – 1'V = 2'H



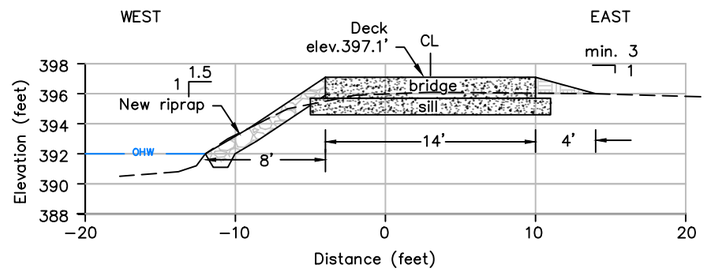
Road Fill Prism at Sta. 1+51



Road Fill Prism at Sta. 1+68



Road Fill Prism at Sta. 1+78

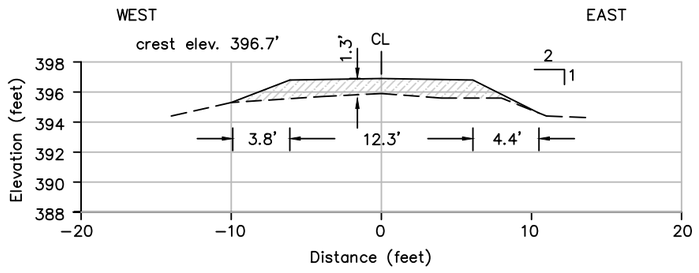


Existing surface

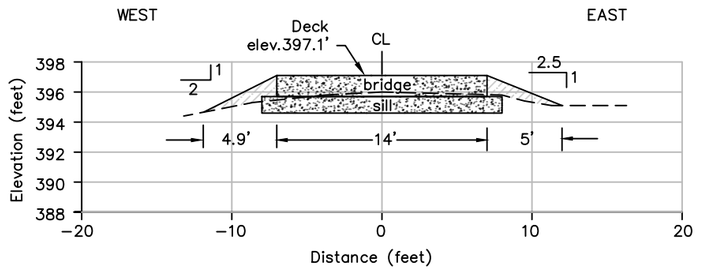
New fill

See Detail 2 for driveway ramp construction details.

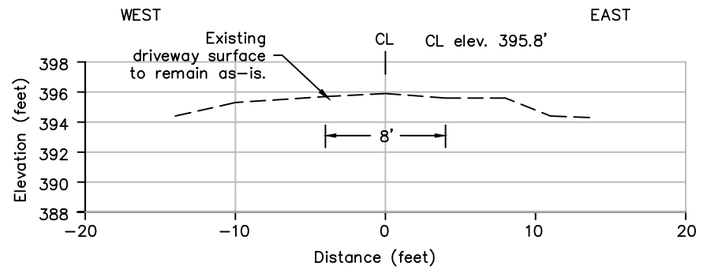
Road Fill Prism at Sta. 2+25



Road Fill Prism at Sta. 2+18



Road Fill Prism at Sta. 2+45



SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon

Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E

Lat. & Lon: 48.635538°N, −122.318865°W

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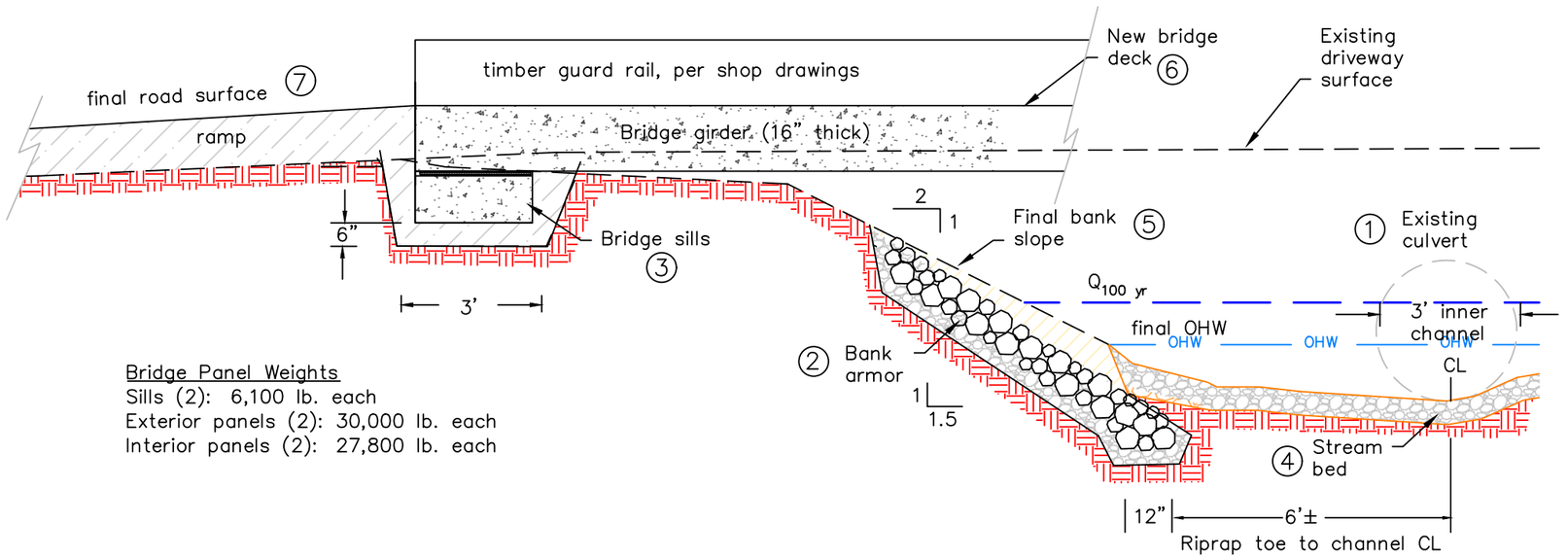
Road Profile and Grading Cross Section views

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34003 — REGISTERED PROFESSIONAL ENGINEER

Detail 1: Bridge Abutment, Bank Armoring and Channel Construction Details



Bridge Panel Weights
Sills (2): 6,100 lb. each
Exterior panels (2): 30,000 lb. each
Interior panels (2): 27,800 lb. each

KEYED NOTES

1. Remove the existing culverts, crush and disposed them offsite at a location determined by the contractor. Excavate all fill from the grading limits. Suitable gravel fill may be reused for structural backfill or base course for the road ramps per approval by the site engineer.
2. Bank armor is a 8" layer of 4" to 6" quarry spall over a 4" filter layer of gravel/structural backfill. Maximum slope 1.5H:1V. Include a 12–inch wide toe.
3. Install precast 30"x12"x16' concrete sills with bearing strips, per the vendor's shop drawings. See the Abutment Sub–grade and Footing Requirements notes.
4. Grade the channel and construct the new steam bed per the specifications in Detail 2.
5. Place common borrow field soil over the rock armoring above the OHW elevation and grade to a 2:1 slope. The slope will be planted by SFEG under a separate contract.
6. Install the prefabricated bridge panels, welded shear plates, guard rails, bearing pads, utility line brackets and all appurtenances per the vendor's specifications as needed. See the shop drawings.
7. Construct the bridge approach ramps per specifications in Detail 3 and grade flush with the bridge deck.

Abutment Sub–grade and Footing Requirements

1. Excavate the subgrade for the bridge abutments 6" below the elevation of the bottom of the sills. Compact to a firm base per WSDOT standard specifications.
2. The subgrade will be inspected by the project engineer, who may require additional stabilization work as needed.
3. Place non–woven geotextile (Mirafi RS380i or equivalent) over the entire footprint. Overlap the seams between the geotextile panels by 3 feet.
4. Place gravel structural fill in 6" lifts on top of the geotextile. Place the gravel evenly to prevent wrinkling or bunching of the geotextile.
5. After setting the concrete sill, backfill the excavation to the surrounding ground surface with gravel/structural backfill.

Materials Specification

1. "Compacted gravel/structural backfill" shall meet WSDOT 9–03.12(1)(A) Gravel backfill Class B.
2. "1–inch minus aggregate" shall meet WSDOT 9–03.9(3) Crushed surfacing top course
3. "Quarry spall" shall meet WSDOT 9–13.1(5)
4. "Common borrow field soil shall meet WSDOT 9–03.14(3)

Channel and Stream Bed Construction Requirements

1. Excavate all channel fill from the driveway crossing to match the channel profile and typical grading sections shown on Sheet 6. The channel shall include an irregular shape, meandering low–flow thalweg and sloping higher flow terrace, as shown on the typical cross section. Taper the ends of the channel grading to blend into the natural channel bottom and banks upstream and downstream. The site manager shall approve the final grading configuration for the channel.
2. Leave the existing channel armoring located upstream of the grading limits (Sta. 2+30) in place.
3. Over excavate the new channel bottom to 6" below final grade and compact the sub–grade to match the surrounding soil.
4. Install the buried slash/deformable grade control at the location shown on Sheet 5, per Detail 2.
5. Backfill the channel to the final grade with the gravel and cobble mix, per the spec.

Gravel & Cobble Stream Bed Mix. (See Special Provision 9–03.11)

1. Place a 6–inch depth of streambed mix on the channel subgrade to match the final elevations and configuration shown in the profile view (Sheet 6). The mix shall be placed after installing the buried slash grade control so that it settles around and helps ballast it.
2. The streambed mix shall consist of a well sorted mix of gravel to large cobble with particle size ranging from < ¼" to 8", in approximately the following proportions:

- 60% of the total volume shall be gravel of size passing a 1½" screen
- 20% shall be coarse gravel and small cobble between 1.5" and 3.5"
- 20% shall be cobble between 3.5" and 8" size.
- Final mix shall be approved by the site engineer.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
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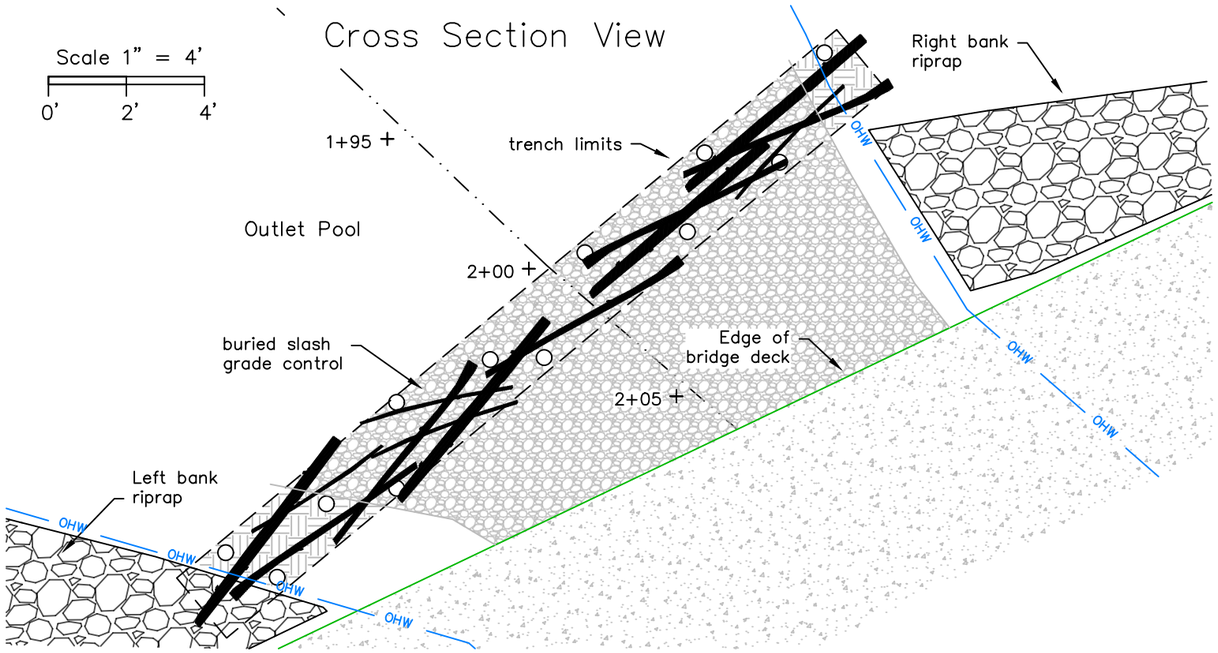
PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/30/2026

Construction Detail 1

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34003 — REGISTERED PROFESSIONAL ENGINEER

Detail 2: Deformable Grade Control Construction



Buried Slash Grade Control Specifications

Materials and installation of the buried slash grade control shall meet the following specifications. See Special Provisions 8–28. Constructed shall be done simultaneously with the relocation of the WSL (Detail 4).

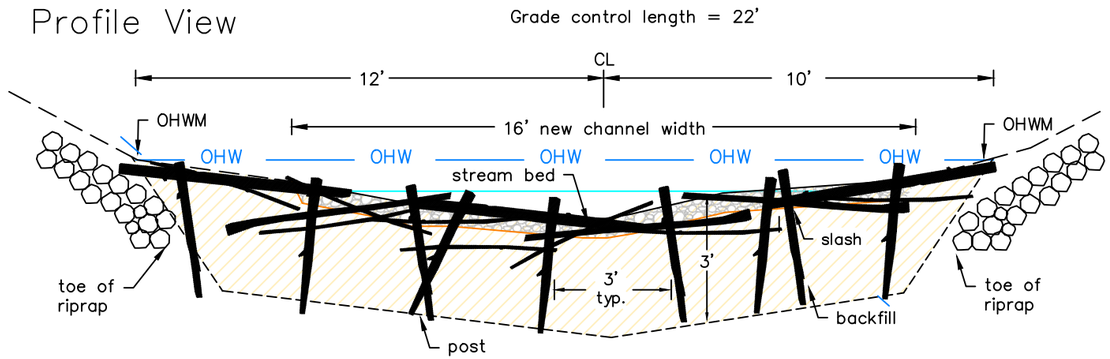
Materials

Posts and slash shall consist of wood left over from tree clearing at the construction site (primarily red alder). The posts shall be 3 to 3.5 feet long by 3" to 4" diameter. The slash shall be variable lengths ranging from 3 feet to 8 feet and diameters ranging from 1 inch to 4 inches.

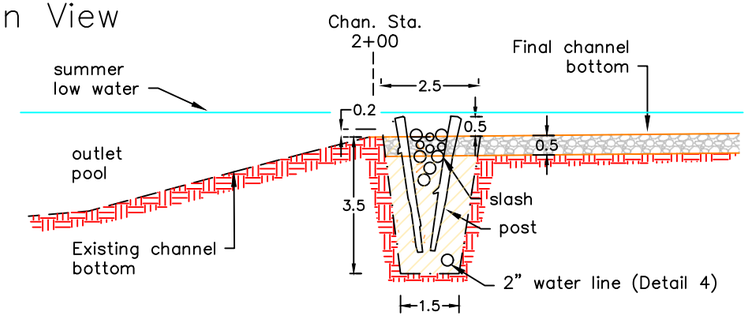
Installation

1. Excavate a trench across the outlet of the constructed new channel to the dimensions shown in the cross section and profile views.
2. Place upright posts in the trench in a random pattern, spaced roughly three feet apart. Bury the lower half of the posts with compacted field soil. The tops of the posts shall extend no more than 6 inches above the final channel grade, except at the ends of the trench, the posts shall not extend above the final bank grade.
3. Interweave 1–inch to 4–inch diameter pieces of slash among the posts to a height of about 2 inches above the final channel grade. Attach larger top "key" pieces to the posts with galvanized logging cable and clamps so that the interwoven mass of slash will not displace under buoyancy conditions.
4. Backfill the interwoven slash pieces with compacted field soil to the final base elevation of the streambed channel mix. The site engineer will approve the final configuration of the posts and slash pieces prior to backfilling.
5. Backfill the remaining depth of trench to the final streambed grade using the streambed gravel mix (Detail 1).

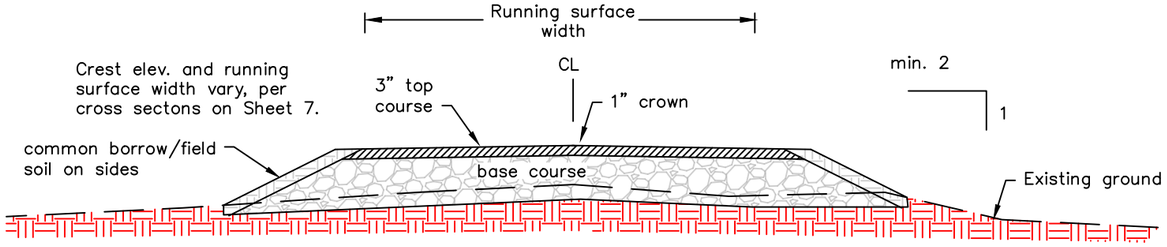
Profile View



Cross Section View



Detail 3: Driveway Ramp Construction



1. Remove top 3" of road surface from the section of road to be treated (Sta. 1+43 to 2+43). Remove additional organic soil on the shoulders as needed to reach mineral soil sub–grade and grub out any roots or organic material. Base course is gravel backfill Class B, except suitable gravel spoils from excavation may be used as base course for the approach ramps if approved by the site engineer. Dispose of the remaining soil off site.
2. Compact the sub–grade to WSDOT specs.
3. Backfill with compacted gravel/structural backfill to 3" below the final surface. Place a 3" layer of compacted 1.5"–minus crushed surfacing top course to the final surface elevation across the running surface width, forming a 1–inch high crown along the road CL so that water drains off to each side. Taper the surface to match the adjacent undisturbed road surface.
4. Place common borrow field soil on shoulders to match the surrounding side slopes and seed and mulch per the TESC plan.
5. Install reflective guideposts at ramp ends (4) and reflectors on the bridge guardrail ends (4).

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

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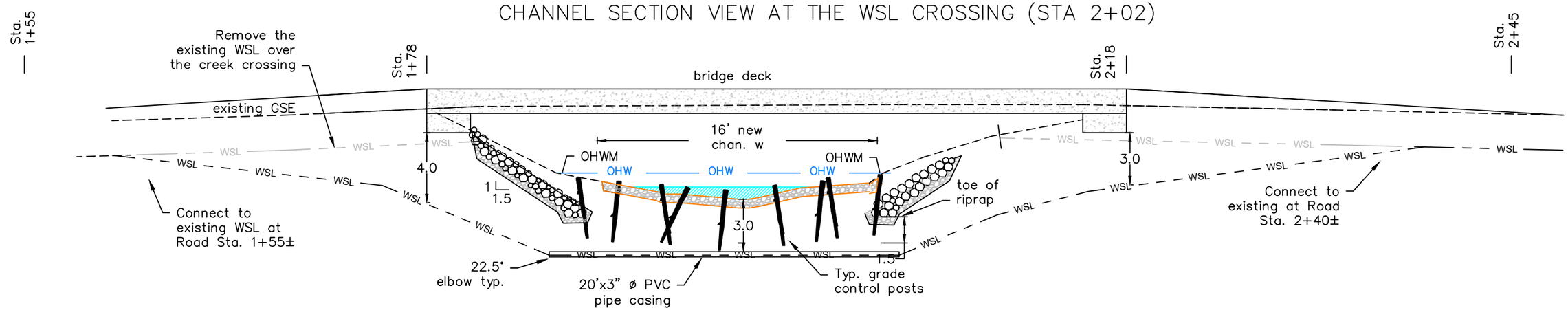
DATE:
1/30/2026

Construction Details 2 and 3

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34300 — REGISTERED PROFESSIONAL ENGINEER

DETAIL 4: WATER LINE CROSSING

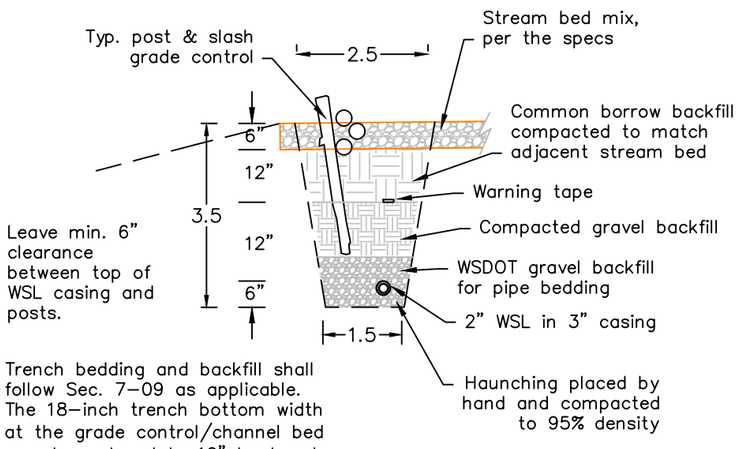
CHANNEL SECTION VIEW AT THE WSL CROSSING (STA 2+02)



CONSTRUCTION NOTES

1. A 2–inch HDPE water service line (WSL) runs along the west side of the driveway at a depth of about 36 inches (see photo).
2. Shut off water at the well house and expose the existing WSL. Cut the WSL at Road Sta. 1+55 and 2+40 or as needed for construction. Temporarily cap the ends and protect from damage.
3. Install new 2" HDPE WSL from the cut ends beneath the bed and banks of the new channel, per the general alignment in the plan view. Maintain 2 feet horizontal setback from the edges of the bridge sills. Maintain minimum 3 feet depth below the final ground surface throughout the alignment.
4. Taper the WSL upward from the channel bed crossing to meet the ends of the existing line. Make the connection at Sta. 1+55 (west end) about 0.1–foot lower than at Sta. 2+40 to maintain a net downward slope along the driveway. The total length of new WSL is estimated to be ±88 LF.
5. Encase the WSL below the channel bed in a 20–foot x 3" PVC casing. The trench detail shows the configuration for crossing the buried grade control trench and for the rest of the alignment.
6. Other utility lines may be placed in the trench landward of the new bridge (Detail 5).
7. Splice the WSL ends with secure fittings.
8. Pressure test the line before backfilling the trench, After turning the water back on at the well house, flush and disinfect the new WSL per applicable provisions of WSDOT Spec. 7–09.

TRENCH DETAIL AT THE GRADE CONTROL

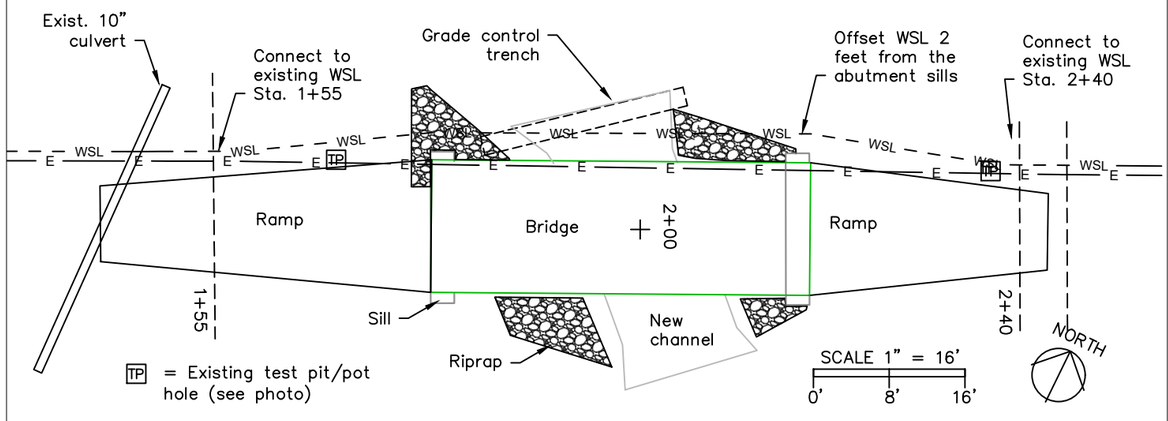


Trench bedding and backfill shall follow Sec. 7–09 as applicable. The 18–inch trench bottom width at the grade control/channel bed may be reduced to 12" landward of the channel bed.

EXISTING UTILITY LINES

The 2–inch WSL is on the right

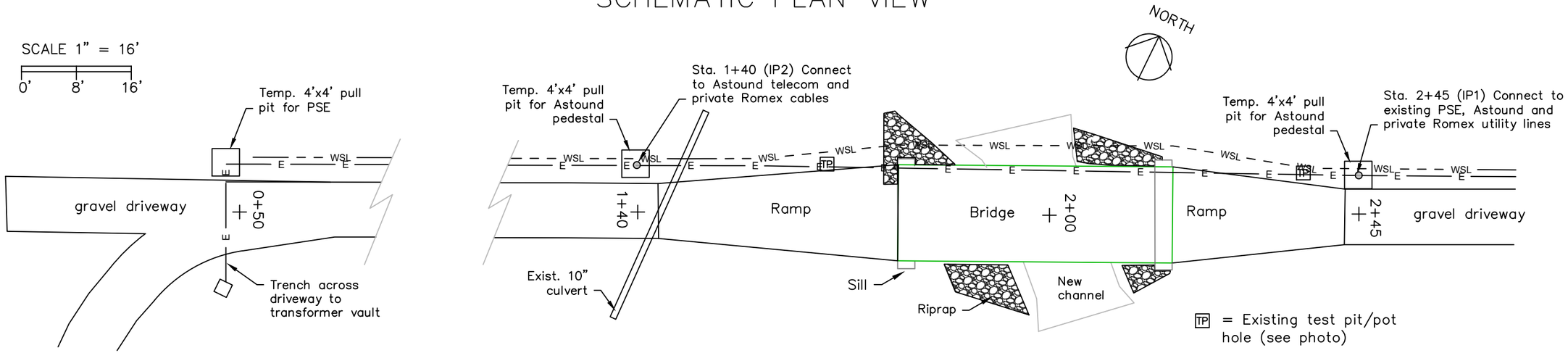
PLAN VIEW WSL RE–ALIGNMENT



SKAGIT FISHERIES ENHANCEMENT GROUP	TaylorMixon Fish Passage Land Owner: Jennifer & Blake TaylorMixon Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E Lat. & Lon: 48.635538°N, –122.318865°W	REVISIONS No. 1. Date 2/11/26 Description SFEG review revisions No. 2. Date 3/21/26 Description Utility replacement update
PREPARED BY: Conservation Project Workshop, Inc. DATE: 1/30/2026	Construction Detail 4	THOMAS M. SLOOM STATE OF WASHINGTON 34003 REGISTERED PROFESSIONAL ENGINEER
		SHEET 10 OF 12

DETAIL 5: UTILITY LINE REPLACEMENT

SCHEMATIC PLAN VIEW



CONSTRUCTION NOTES

A PSE power line, Astound telecom line, and two private Romex electrical cables run along the west side of the driveway at a depth of about 36 inches, about 7 feet west of the driveway CL (see the pothole photo). In coordination with PSE and Astound, the contractor shall cut these lines across the new creek channel, relocate them onto the downstream girder of the new bridge, and reconnect the new lines to the ends of the existing lines. Schematics of the line locations are shown in the plan view.

PUGET SOUND ENERGY

1. Contractor shall arrange for PSE to de–energize its line from Silver Creek Drive to the transformer vault at the west end of the TaylorMixon driveway.
2. Excavate the existing line from Intercept Point 1 (IP1) located at driveway Sta. 2+45 to the transformer vault, including trenching across the driveway opposite the transformer vault. Stockpile excavated gravel ("Common Borrow") for later use as trench backfill.
3. Remove and dispose the existing power line and lay approximately 212 LF of new 2" PVC Sched. 40 conduit, per the supplemental plans to be provided by PSE (Appendix 2). Trench dimensions are shown on the supplemental drawings. Include a 90° bend and ⅜" poly pull rope within the conduit. Leave a temporary 4'x4' pull pit at the transformer vault and at IP1 for PSE's use for splicing the cable. Use WSDOT pipe zone bedding gravel for the conduit bedding.
4. Attach the conduit to the underside of the outer bridge girder on the downstream side using PSE–approved clamps spaced 5–feet on center. Cover the conduit with gravel and riprap where it crosses the top of the concrete bridge sills.
5. After PSE approves the conduit construction, splices the new power cable at IP1, and attaches it to the transformer, backfill the trench with stockpiled Common Borrow backfill gravel and compact to original density. Include warning tape at a depth of about 18 inches.
6. Top dress any excavation within the driveway running surface with 4 inches of crushed surfacing top course.
7. Replacement of the Astound telecom line and the private Romex cables shall be located in the same trench and done simultaneously with relocating the PSE line.

ASTOUND TELECOM CABLE

1. Contractor shall arrange for Astound to shut off service from the nearest pedestal to the TaylorMixon home.
2. Excavate the existing line from Intercept Point 1 (IP1) located at driveway Sta. 2+45 to Intercept Point 2 (IP2) located at driveway Sta. 1+40.
3. Remove and dispose the cut telecom line and lay approximately 105 LF of new 1.5" PVC Sched. 40 conduit or equivalent, per the supplemental plans to be provided by Astound (Appendix 2). Utilize the same trench as for relocating the PSE power cable. Include a ⅜" poly pull rope within the conduit and provide pipe zone bedding as with the PSE conduit. Leave a temporary 4'x4' pull pit at IP2 for Astound to use for splicing and installing new pedestals at the two intercept points.
4. Attach the conduit to the underside of the outer bridge girder adjacent to the PSE conduit using PSE–approved clamps spaced 5–feet on center. Cover the conduit with gravel and riprap where it crosses the top of the concrete bridge sills.
5. After Astound approves the conduit construction, splices the new cable at IP1 and IP2 and constructs pedestals at the intercept points, backfill the trench per the specs for the PSE cable replacement.

PRIVATE ROMEX ELECTRICAL CABLES

1. The contractor shall complete all relocation of the two private Romex cables across the new bridge. Reconnection of the power cables shall be done by a licensed electrician following applicable building codes.
2. Excavate the two existing cables from Intercept Point 1 (IP1) (Sta. 2+45) to IP2 (Sta. 1+40).
3. Remove and dispose the cut cables and lay two 1" Sched. 40 PVC conduits or equivalent, each approximately 105 LF in length (total 210 LF) in the trench parallel to the PSE and Astound conduits. All conduits should have minimum 4–inch separation from each other. Include a ⅜" poly pull rope within each conduit and provide pipe zone bedding as with the other conduits.
4. Attach the conduits to the underside of the outer bridge girder adjacent to the PSE and Astound conduits using approved clamps spaced 5–feet on center. Cover the conduits with gravel and riprap where they cross the top of the concrete bridge sills.
5. Pull new Romex cable of the same gauge as the existing through the conduits and splice them to the existing ends, using appropriate junction enclosures per code. Backfill the trench per the specs for the PSE cable replacement.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, –122.318865°W

No.	Date	Description

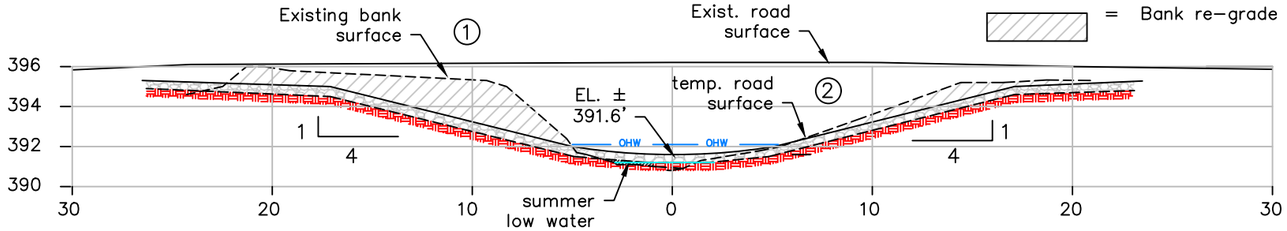
Conservation Project Workshop, Inc.

DATE: 3/20/2026

Construction Detail 5

THOMAS M. SLOCUM — STATE OF WASHINGTON — 34003 — REGISTERED PROFESSIONAL ENGINEER

DETAIL 6: TEMPORARY CREEK CROSSING



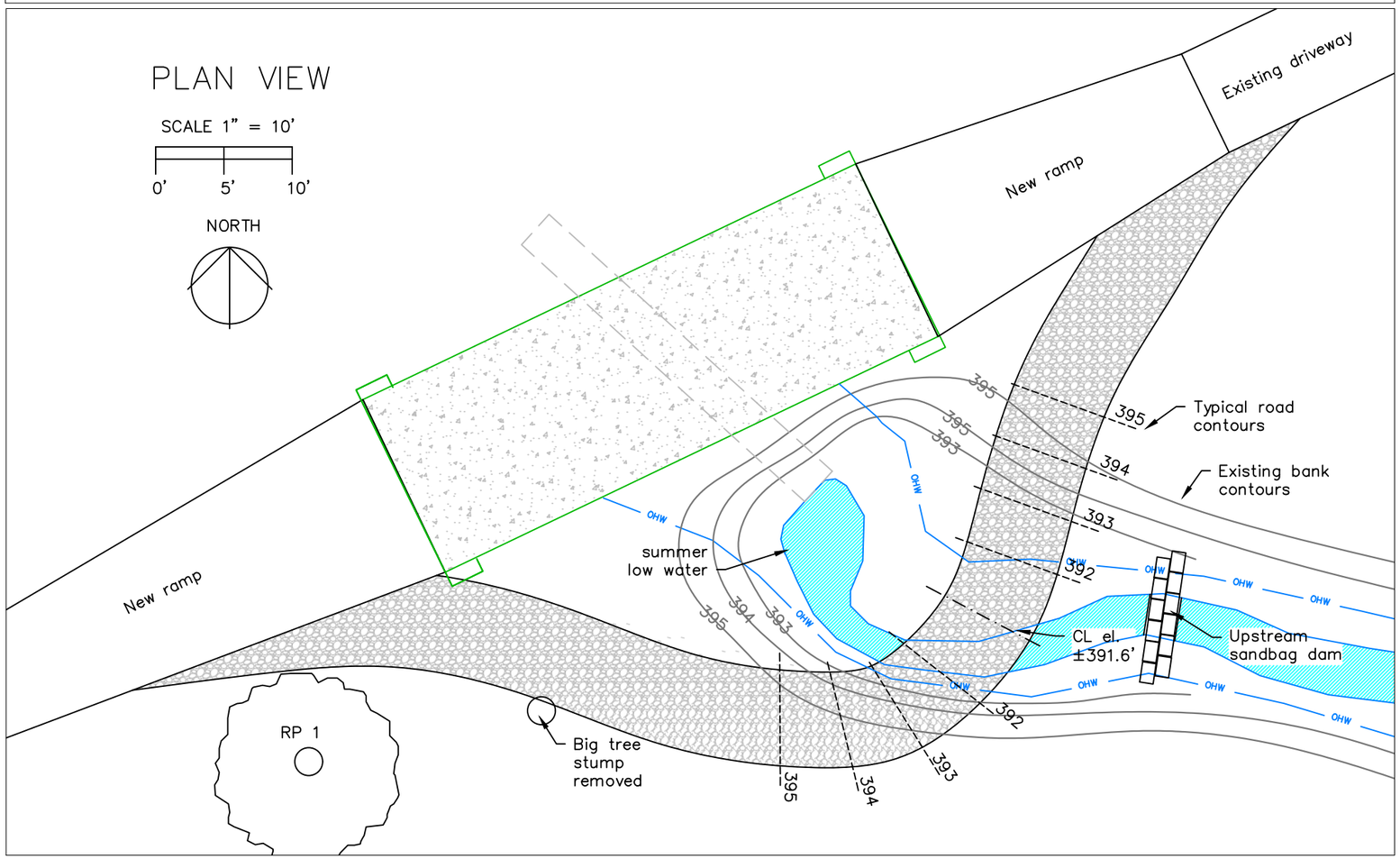
SECTION VIEW

PLAN VIEW

SCALE 1" = 10'

0' 5' 10'

NORTH



CONSTRUCTION NOTES

The contractor may construct a temporary vehicle crossing route across the creek, if needed for construction or emergency vehicle access, to be decided at the pre-construction meeting. The temporary access route will be bid as an alternative bid item.
A typical road location and design is shown in this detail.

1. The road alignment shall be downstream of the first sandbag dam and de-watering pump site, per the TESC plan (Sheet 5). Road construction will be done only when the channel is dry.
2. Clear vegetation from the road alignment and excavate the bank to allow an approximately 4:1 grade. Elevation contours are shown on the site plan. Bank excavation shall be kept to the minimum necessary.
3. Compact the base soil and cover with heavy duty road fabric. Place a 4-inch layer of quarry spall and/or base course on the fabric.
4. After the new bridge is open for vehicle use, remove all materials from the road alignment. Scarify the compacted soil. Seed and mulch the disturbed ground above the OHWM per the TESC plan. Place stream bed gravel-cobble mix on the alignment below the OHWM up to the original channel grade.
5. Ater the seeding is established, SFEG will do restoration planting on the disturbed ground under a separate contract.

SKAGIT FISHERIES ENHANCEMENT GROUP

TaylorMixon Fish Passage

Land Owner: Jennifer & Blake TaylorMixon
Sec. Twnshp. Range SE1/4 Sec 5, T6N, R4E
Lat. & Lon: 48.635538°N, -122.318865°W

REVISIONS

No.	Date	Description
1.	2/11/26	SFEG review revisions

PREPARED BY:
Conservation Project Workshop, Inc.

DATE:
1/30/2026

Construction Detail 6

THOMAS M. SLOCUM — STATE OF WASHINGTON — 24002 — REGISTERED PROFESSIONAL ENGINEER

ATTACHMENT 6: BRIDGE SHOP DRAWINGS

To be provided by Rapid-Span (bridge vendor) upon approval

ATTACHMENT 7: ENVIRONMENTAL PERMITS

FOREST PRACTICES HYDRAULIC PROJECT APPROVAL
GOVERNOR'S EXECUTIVE ORDER 21-02 (Cultural Resources Consultation)
US ARMY CORPS OF ENGINEERS

Permits are anticipated to be received by July 2026 and therein will be added this contract and provided to the Contractor by SFEG.