

Request for Proposal Beaver Hill Wetland Reserve Restoration Project

Proposal due March 25, 2026 by 3:00 pm

Mandatory pre-proposal site showing March 2, 2026 at 1:00 pm

Contracting Agent
Coquille Watershed Association
Contact: Anna Pfeifer
390 N. Central Blvd.
Coquille, OR 97423
Phone 541.396.2541



Engineering Design, Drawings and Specifications Prepared by
Wolf Water Resources, Inc.

Contact: Rowyn Cooper-Caroselli, PE
1001 SE water Ave. Suite 180
Portland, OR 97204
503.207.6688
www.wolfwaterresources.com



February 18, 2026

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1 INVITATION, INSTRUCTIONS & INFORMATION

1.1 Invitation

Proposals for the Beaver Hill Wetland Reserve Restoration Project will be received via email by Anna Pfeifer (apfeifer@coquillewatershed.org) at the Coquille Watershed Association (CoqWA), until 3:00 pm on March 25, 2026 at which time Proposals will be opened privately. Proposals not received by the indicated time will not be reviewed.

The work consists of, but is not limited to, the following items: erosion control and site access improvements, site dewatering and work area isolation, culvert removal and construction of a large three-sided precast concrete culvert, associated maintenance of traffic and temporary shoefly road, construction of a smaller fish passage culvert, creek and floodplain habitat structures, mass excavation\haul\embankment construction, cleanup, and other items required to complete the project as designed.

The Engineer does not intend to provide means or methods. The Proposer shall submit their technical approach, see Section 1.2.1: Proposal Format, in a way that most cost-effectively arrives at the design intent. At the discretion of the Proposer, given the limited schedule to furnish the steel and concrete materials, a phased approach may be proposed, resulting in the culvert removal and construction of a large three-sided precast concrete culvert, and associated maintenance of traffic and temporary shoefly road, taking place during the 2027 in-water work period.

The Contractor will be required to comply with permit conditions, cultural resource protections, and environmental protection and general best management practices for the work. The CoqWA is responsible for obtaining all Federal, State, and County regulatory permits other than Oregon Department of Forestry (ODF) permit to use power driven machinery during fire season. Contractor shall obtain this ODF permit, if applicable.

The in-water work period established for this project is July 1st to September 15th, a lead side Oregon Department of Fish and Wildlife (ODFW) In-Water extension to June 15th may be requested if advantageous to the Contractor. Additionally, an In -Water extension beyond September 15th may be obtained dependent on seasonal hydrologic conditions. Proposer to state within Proposal if they anticipate the need for an extension to complete the Project. Final completion of the project shall be on or before October 1, 2024 unless schedule is adjusted to accommodate an after September 15th In-Water extension.

Proposal shall be submitted as described in these documents and on the Proposal Form provided. No Proposal for a construction contract shall be received or considered unless the Proposer is registered with the Oregon Contractors Board as required by ORS Chapter 701. CoqWA reserves the right to accept the Proposals and award a contract to a responsible and qualified Proposer; to postpone the acceptance of the Proposal and award of contract for a period not to exceed thirty (30) days from aforementioned proposal due date; or to reject any and all Proposals received and further advertise the Project for Proposals.

1.1.1 Definitions

CONTRACTING AGENT (CA) – The Coquille Watershed Association (CoqWA) is authorized to enter and administer this Contract on behalf of the Owner and Landowners.

CONTRACT DOCUMENTS – Includes the following documents: Invitation, Instructions and Information for Proposers, Project Milestone Schedule, Insurance Certificates and Wages, Proposal Form, Supporting Documents, General Requirements, Regulatory Permit Conditions, Technical Specifications, Drawings, Contract, and Addenda.

CONTRACTOR – The successful Proposer who executes a Contract with the Contracting Agent to perform the work.

ENGINEER – Wolf Water Resources Inc. (W2r) and it's subconsultants are the Contracting Agent's representative who is responsible for project design and will determine whether the construction work conforms to the technical requirements and design intent as set forth in the Drawings and Specifications.

INSPECTOR – Wolf Water Resources Inc. (W2r) and/or it's subconsultants representative who is responsible for providing construction oversight and ensuring the construction work conforms to the technical requirements and design intent as set forth in the Drawings and Specifications.

ENVIRONMENTAL INSPECTOR – Oregon Department of Fish and Wildlife (ODFW) Habitat Protection staff will assist Contracting Agent in the inspection of construction activities to assess environmental effects.

IN-WATER WORK WINDOW – All work below Ordinary High Water (OHW) shall occur during the Oregon Department of Fish and Wildlife (ODFW) In-water Work window for this project, July 1st – September 15th.

OWNER (NORTH BANK LANE INFRASTRUCTURE) – Coos County Road Department owns and maintains the county road, culverts, and right-of-way.

LANDOWNER – Project site is located on privately owned lands.

PROJECT – Refers to work necessary to complete the restoration actions as described in this Document, Drawings and Specifications.

PROPOSER – Any corporation or entity submitting a responsive proposal under the Contract Documents.

SUBCONTRACTOR – A person or entity who submits a bid to Proposer for a portion of the Project.

1.1.2 Non-Disclosure and Referrals

The Proposer is required not to disclose the Request for Proposal (RFP) to anyone not directly involved with development of the response to the RFP. In addition, the RFP may not be disclosed to any other company without the permission of Contracting Agent. No information about this RFP may be released to the public by Proposer.

1.1.3 Mandatory Pre-Proposal Site Showing

A pre-proposal site showing of the restoration site is required for all Proposers seeking to submit a proposal. The pre-proposal conference and site tour will commence at **1:00 PM on March 2, 2026** at the Coquille Valley Wildlife Area gravel parking lot adjacent to N. Bank Ln. (43.216, -124.258)

The Contracting Agent and Engineer will be in attendance to outline the scope of work, schedule, access plan, and lead a tour of the site. Only one vehicle and no more than two individuals per

Proposer are allowed to attend the conference due to access limitations (additional vehicles can be left at the Coquille Valley Wildlife Area parking lot). Statements made at the pre-proposal site showing are not binding unless confirmed by written addendum.

Attendees must notify Anna Pfeifer (apfeifer@coquillewatershed.org) of their intent to attend by 5:00 PM on February 27, 2026.

1.1.4 Minimum Proposer Qualifications

This Project is an aquatic habitat enhancement project and a unique construction endeavor that requires specialized experience and expertise. The Proposer must demonstrate, through past project experience and references, the following to be eligible for proposing on this Project:

- 1) Work in the estuary (tidal zone), river, and floodplain environment in active flow conditions,
- 2) In-water work that required work area isolation, control of waters, dewatering, construction of concrete hydraulic structures, and
- 3) Two (2) projects demonstrating work area isolation and turbidity management.

To demonstrate qualified experience, Proposer shall submit a minimum of two (2) project descriptions. Each project description should be kept to one page. One project may cover multiple qualifications. A minimum of three (3) references must be provided to verify this required experience: include contact names, company, email addresses, and phone numbers.

1.1.5 Project Funders

This Project is funded in part by the Oregon State Lottery and administered by the Oregon Business Development Department; and federal funds from the National Oceanic and Atmospheric Administration (NOAA) and the U.S. Fish and Wildlife Service (USFWS).

This Project is funded in part by the Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act) and requires compliance to the Build America, Buy America Act (BABA). As such, the required use of American iron, steel, manufactured products (greater than 55 percent of the total cost of all components of the manufactured product), and construction materials is required (domestic content procurement preference) for all supplies that are incorporated into or affixed to an infrastructure project. This requirement does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project.

If determined that applying the domestic content procurement preference would be inconsistent with the public interest; necessary content are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or inclusion of content produced in the United States will increase the cost of the overall project by more than 25 percent, a waiver request may be submitted to waive the application of the domestic content procurement preference.

Proposer to note in bid if use of domestic content increases overall cost by more than 25 percent or if use of domestic content is not reasonably available or of satisfactory quality.

1.1.6 Interpretations and Addenda

All questions pertaining to discrepancies in, or omissions from, or doubts as to the meaning or intent of the Contract Documents must be submitted to the Contracting Agent via email. Interpretations or clarifications considered necessary by Contracting Agent in response to such questions will be issued by Addenda and emailed or delivered to all Proposers who attend the pre-proposal site showing. Only questions answered by Addenda will be binding and become part of the Contract Documents. Oral and other interpretations or clarifications will be without legal effect. Addenda may be issued to clarify, correct, or change the Contract Documents as deemed necessary by the Contracting Agent. The Contracting Agent may refuse to consider an interpretation or clarification request received after the designated deadline for submitting request for information as noted in Section 1.3 - Milestone Schedule.

1.2 Instructions

1.2.1 Proposal Format

The Proposal shall be kept to the minimum number of pages while adequately describing required experience and proposed approach. The following items shall be submitted with headings that designate each section in the Proposal as follows:

- **Cover Letter:** Introduce your company and team along with relevant highlights (2 pages maximum)
- **Section 1:** Proposal Form (provided in Section 3.0)
- **Section 2:** Project Technical Approach including means, methods, and equipment that will be mobilized and used for this project linked with Proposal Form items as appropriate (4 pages maximum)
- **Section 3:** Project Schedule with milestones (a Gantt chart of project tasks) shall be provided and linked with project technical approach (1 page)
- **Section 4:** Organizational Structure of Proposer and brief description of personnel proposed for this project with their experience and must include all First Tier Subcontractors (4 pages maximum)
- **Section 5:** Experience and References that demonstrate minimum contractor qualifications per Section 1.1.4 - Minimum Proposer Qualifications (3 pages maximum).
- **Section 6:** Acknowledgement of Addenda, if issued

1.2.2 Disclosure of First-Tier Subcontractors

Proposers must submit a subcontractor disclosure statement. Proposer must submit a statement as outlined in Section 1.2.1 identifying all first-tier subcontractors that will furnish labor or labor and materials and whose contract value is equal to or greater than 5% of the total bid. Proposer to provide qualifications of first-tier subcontractors for their proposed work to be complete.

1.2.3 Proposal Submission

One electronic file in PDF format (not to exceed 10 MB file size) of the Proposal must be submitted to Anna Pfeifer via email (apfeifer@coquillewatershed.org) by **3:00 pm on March 25, 2026**.

Submitted proposals may be withdrawn by written request of the Proposer provided the request is received prior to the time set for proposal opening. After that time, no proposal may be withdrawn for a period of thirty (30) working days and at no time after award of proposal.

1.2.4 Ownership of Materials

All materials submitted in response to this RFP will become the property of the Contracting Agent. Neither proposal nor supporting material will be returned to Proposer.

1.2.5 Basis of Award

Award will be made to the responsible, responsive Proposer: (1) whose proposal is technically acceptable; (2) has demonstrated required experience with similar projects; and (3) whose technical/cost relationship is the most advantageous to the Contracting Agent, see attached Review Rubric. Acceptance of any Proposal does not place the Contracting Agent under any obligation to accept the lowest price proposal submitted.

The Contracting Agent reserves the right to reject any or all proposals or to make award without conducting discussions. Discussions (oral or written) may be conducted as appropriate with all Proposers considered to be within the competitive range. In addition, the Contracting Agent may engage in discussions with the highest ranked Proposer before making an award. If the negotiations are successful, the Contracting Agent may enter into a Contract with this party. In the event the negotiations are not successful, the Contracting Agent may repeat this process with the next highest ranked Proposer, and so on, until a mutually agreeable contract is reached. For the purpose of this solicitation, discussion shall not be considered to have been initiated if the Contracting Agent requests additional information supplementing or clarification of a Proposal without materially changing it.

1.2.6 Confidentiality or Proprietary Information Statement

The Contracting Agent has no intention or obligation to share information or material with other parties and will respect any documents or materials that Proposer has identified as confidential or proprietary in accord with the requirements of Oregon Public Records Laws. Proposer shall clearly identify pages containing proprietary information; the complete proposal may not be designated in this manner. The Contracting Agent is not obligated to maintain the confidentiality of any information which: 1) is known prior to receipt of the proposal; 2) becomes publicly known through no fault of the Contracting Agent; or 3) is received without obligation of confidentiality from a third party.

1.2.7 Protests

Proposers who wish to protest any aspect of the RFP or the procedure for evaluating Proposals and selecting a Contractor must deliver a written protest to the Contracting Agent by April 8, 2026. Proposers who wish to protest the result of the proposal evaluation must submit a written protest to the Contracting Agent within four (4) business days of the notice of intent to award the contract.

The protest must clearly state all grounds for the protest and must include all arguments and evidence in support of the protest. Testimonial evidence may be submitted by affidavit. The Contracting Agent may investigate as it deems appropriate and will issue a written response to the protestor. The Contracting Agent may proceed with contract award, execution, and performance while a protest is pending.

1.3 Milestone Schedule

A preferred schedule has been established for the project as summarized in the following table.

Request for Proposal issued	February 19, 2026
Mandatory pre-proposal site showing	March 2, 2026
Deadline for submitting Requests for Information	March 11, 2026
Proposal due date	March 25, 2026
Proposal Opening	March 26, 2026
Notice of Award	April 1, 2026
On-site pre-construction conference	April/May 2026
Earliest site access date	May 15, 2026
Earliest date for commencing in-water work	June 15, 2026
In-water work Completion	September 15, 2026
Physical Completion	October 1, 2026

1.4 Supporting Documents

The following document has been developed for the project and is contained within the Contract Documents.

1. Geotechnical Engineering Report: Beaver Hill Wetland Reserve Restoration Project (Geosyntec Consultants, 2023); for a culvert replacement along the gravel access road within the Beaver Hill Wetland Reserve in Coos County, Oregon
2. Geotechnical Engineering Report: Beaver Hill Wetland Reserve Restoration Project (Geosyntec Consultants, 2026); for the proposed culvert replacement located at the undercrossing of Leslie Creek with North Bank Lane in Coos County, Oregon

2 BONDS, INSURANCE CERTIFICATES & WAGES

2.1 Bonding

The successful Proposer will be required to furnish a performance bond in the amount of 100% (one hundred percent) of the contract as security for the completing and faithful performance of all the specifications and conditions upon the Contractor by this contract. The surety issuing such bond shall be duly authorized and licensed to issue bonds to the State of Oregon. The bonds shall be executed by an attorney-in-fact, principal, or other authorized representative for the Surety Company, and bears the seal of the Surety Company. Where the bond is executed by a person outside the State of Oregon, his authority to execute bonds shall be shown.

The Bidder shall deliver the required bonds to the Contracting Agent within 10 calendar days after the award of the Contract.

2.2 Insurance/Responsibility for Damages/Hold Harmless

All insurance coverages must be with entities lawfully authorized to do business in Oregon.

1. Contractor shall be responsible for all damage to property, injury to persons and loss, expense, inconvenience and delay that may be caused by or result from the carrying out of the work to be done under this contract, or from any act, omission or neglect of Contractor, its subcontractors, personnel, agents. The Contractor shall defend, indemnify and hold harmless the Owner, Landowners, Contracting Agent, and Engineer against any claims arising from said damage, injury, loss or expense.
2. Contractor shall indemnify, defend, and hold harmless the owner, landowners, Contracting Agent, Engineer and their officers, divisions, and employees and members, to the fullest extent allowable under State law, from all claims, suits or actions of any nature out of or relating to the acts or omissions of Contractor, its officers, subcontractors, agents, employees, or anyone for whose acts the Contractor may be liable under this contract.
3. Primary Coverage. Insurance carried by Contractor under this contract shall be the primary coverage.
4. Commercial General Liability. Contractor shall obtain at Contractor's expense and maintain commercial general liability insurance covering bodily injury and property damage. This insurance shall include personal injury coverage, contractual liability coverage for the indemnity provided for under this contract, and products/completed operations liability. \$2 million dollars each occurrence, \$ 4 million dollars policy aggregate. General Liability coverage includes actions that involve removal or alteration of structures that hold back water on land or instream including dams, levees, dikes, tide gates, or other water control structures.
5. Pollution liability. Contractor shall obtain at Contractor's expense and keep in effect during the term of this contract, pollution liability. This coverage may be written in combination with the commercial general liability insurance. \$500,000 dollars each occurrence, \$1 million dollars policy aggregate.
6. Automobile liability. Contractor shall obtain at Contractor's expense and keep in effect during the term of this contract, automobile liability insurance. This coverage may be

written in combination with the comprehensive or commercial general liability insurance. Combined single limits per occurrence shall not be less than \$1 million dollars or the equivalent.

7. Workers' Compensation. The Contractor, its subcontractors, if any, and all employers providing work, labor or materials under this contract are subject employers under the Oregon Workers' Compensation law and shall comply with ORS 656.017, which requires them to provide worker's compensation coverage that satisfies Oregon law for all their subject workers.
8. "Tail" Coverage. If any of the aforementioned liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of this contract for the duration of 24 months. Contractor will be responsible for furnishing certification of "tail" coverage as described or continuous "claims made" liability coverage for 24 months following contract completion. Continuous "claims made" coverage will be acceptable in lieu of open "tail" coverage, providing its retroactive date is on or before the effective date of this contract. This will be a condition of the final acceptance of work or services and the related warranties, if any.
9. Additional Insured. The liability insurance coverages required for performance of this contract shall include Contracting Agent, Owner, Landowners, and Engineer with respect to the Contractor's activities to be performed under this contract. A complete list will be provided to the selected Proposer prior to execution of Contract.
10. Notice of Cancellation or Change. There shall be no cancellation, non-renewal, material change, potential exhaustion of aggregate limits or intent not to renew the insurance coverage without 30 days written notice from the Contractor or its insurer to the Contracting Agent. Any failure to comply with the reporting provisions of this insurance, except for the potential exhaustion of aggregate limits, shall not affect the coverages provided to the Additional Insured.
11. Certificates of Insurance. As evidence of the insurance coverages required by this Contract Documents, the Contractor shall furnish certificate(s) to the Contracting Agent prior to execution of Contract. The certificate(s) will specify all of the parties who are additional insureds (or loss payees).

2.3 Prevailing Wage

This project is required to comply with Prevailing Wage requirements as outlined in ORS 279C.800 – 279C.870. The contractor, and all subcontractors, must have a public works bond filed with the Construction Contractors Board (CCB) prior to starting work on the Project unless exempt.

3 BID FORM

PROPOSER: _____

DATE: _____

The work descriptions below are not comprehensive and provide an illustrative description for Proposal purposes only. The Proposal amount shall be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the Project. The Contractor must include adequate provisions in each Proposal price to account for incidentals and other items required to complete the Project and meet the intent of the Contract Documents.

3.1 Bid Proposal

See Bid Sheet on next page

Proposal Total

\$ _____
(Total amount written in words)

\$ _____
(Total amount written in numbers)

Beaver Hill Wetland Reserve Restoration Project

Project: Beaver Hill Wetland Restoration Bid Sheet

Item	ODOT Spec. Section	Item	Qty	Unit	Unit Cost	Item Total	Notes
PART 0200 - TEMPORARY FEATURES AND APPURTENANCES							SUBTOTAL
1	0210-010000A	MOBILIZATION / DEMOB.	1	EA			Site access development
2	0280-010000A	EROSION CONTROL	1	EA			Wattles, silt fences, coir fabric, etc.
3	SPECIAL - 00245	TEMPORARY WATER MANAGEMENT FACILITY (SYSTEM)	1	EA			Diversions, isolation, sump pumps, etc.
4	SPECIAL - 00246	PRIVATE UTILITY PROTECTION	1	LS			Incl temporary protection/relocation/replacement of water line/powerline
5	0221-010000A	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	1	LS			Incl. furnishing, placing, removing all materials and all work as specified
6	0222-010200J	TEMPORARY SIGNS	500	SQFT			Incl. furnishing, placing, removing all materials as specified
7	0222-016400E	PORTABLE CHANGEABLE MESSAGE SIGNS	3	EACH			Incl. furnishing, placing, removing all materials as specified
8	0223-016800T	FLAGGERS	240	HOUR			Incl. performance of all work as specified
9	0224-010500E	TEMPORARY BARRICADES, TYPE III	3	EACH			Incl. furnishing, placing, removing all materials as specified
10	0224-014500E	TEMPORARY PLASTIC DRUMS	29	EACH			Incl. furnishing, placing, removing all materials as specified
11	0225-015300F	TEMPORARY STRIPING	500	FOOT			Incl. furnishing, placing, removing all materials as specified
12	0225-015320J	TEMPORARY PAVEMENT BARS	25	SQFT			Incl. furnishing, placing, removing all materials as specified
13	0225-015400F	STRIPE REMOVAL	1,100	FOOT			Incl. furnishing, placing, removing all materials as specified
14	0225-015600J	BAR REMOVAL	25	SQFT			Incl. furnishing, placing, removing all materials as specified
15	0226-012610F	TEMPORARY BARRIER	325	FOOT			Incl. furnishing, placing, removing all materials as specified
16	0226-013400E	TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	2	EACH			Incl. furnishing, placing, removing all materials as specified
17	0226-014110E	REFLECTIVE BARRIER PANELS	54	EACH			Incl. furnishing, placing, removing all materials as specified
18	0226-014130E	REPAIR TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	1	EACH			Incl. furnishing, placing, removing all materials as specified
19	0230-020000A	CONSTRUCT & REMOVE TEMPORARY ROADBED & SURFACING	1	LS			Incl. furnishing, placing, removing all materials as specified
PART 00300 - ROADWORK							SUBTOTAL
20	0310-010600A	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LS			Incl. performance of all work as specified
21	0310-011910F	ASPHALT PAVEMENT SAWCUTTING, 6 INCHES DEEP	580	FOOT			Incl. performance of all work as specified
22	0320-010000R	CLEARING AND GRUBBING - ROADS	1.0	ACRE			Incl. performance of all work as specified
23	0330-012300K	EMBANKMENT IN PLACE	350	CY			Incl. furnishing, placing all materials as specified
PART 00500 - BRIDGES							SUBTOTAL
24	SPECIAL - 00330	CHANNEL EXCAVATION & LOCAL REGRADING	5,600	CY			Tidal Channels, Fluvial Channels, and Outlet Widening
25	SPECIAL - 00330	WETLAND CREATION & LOCAL REGRADING (RCG)	31,100	CY			Marshplain lowering
26	SPECIAL - 00330	EXTRA HAUL	18,900	CY			Haul to uphill fill sites
27	SPECIAL - 00332	CONSTRUCT PRIVATE ROAD RAISE	1	LS			Fabric, Crushed Rock
28	SPECIAL - 00390	STREAMBED MATERIAL	830	TN			Incl. furnishing, placing all materials as specified
29	SPECIAL - 00450	PRIVATE ROAD CULVERT	1	LS			Aluminum Structural Plate Box Culvert
30	0510-010100A	STRUCTURE EXCAVATION	1	LS			Incl. performing all work as specified
31	0520-010000A	FURNISH PILE DRIVING EQUIPMENT	1	LS			Incl. furnishing, placing all materials as specified
32	0520-011100F	FURNISH STEEL HP 14 X 73 PILES	1,890	FOOT			Incl. furnishing, placing all materials as specified
33	0520-014100F	FURNISH STEEL HP 14 X 73 TEST PILES	150	FOOT			Incl. furnishing, placing all materials as specified
34	0520-021000E	DRIVE STEEL HP 14 X 73 PILES	30	EACH			Incl. furnishing, placing all materials as specified
35	0520-032500E	DRIVE TEST PILES	2	EACH			Incl. furnishing, placing all materials as specified
36	0520-032900E	PILE LOAD TEST (DYNAMIC)	2	EACH			Incl. furnishing, placing all materials as specified
37	0520-033000E	REINFORCED PILE TIPS	30	EACH			Incl. furnishing, placing all materials as specified
38	0520-040700E	HP 14 X 73 STEEL PILE SPLICES	4	EACH			Incl. furnishing, placing all materials as specified
39	0530-010400A	REINFORCEMENT, GRADE 60	1	LS			Incl. furnishing, placing all materials as specified
40	0530-010200A	REINFORCEMENT, GRADE 150 (CULVERT CROSS TIES)	1	LS			Incl. furnishing, placing all materials as specified
41	0540-011200K	FOUNDATION CONCRETE, CLASS 4000	1	LS			Incl. furnishing, placing all materials as specified
42	0595-0100410F	PRECAST REINFORCED CONCRETE THREE SIDED STRUCTURES	46	FOOT			Incl. furnishing, placing all materials as specified
43	0595-9999	PRECAST REINFORCED CONCRETE WINGWALLS	1	LS			Incl. furnishing, placing all materials as specified
44	0595-9999	PRECAST REINFORCED CONCRETE HEADWALLS	1	LS			Incl. furnishing, placing all materials as specified
45	1069-010000F	METAL HANDRAIL, TWO RAILS	124	FOOT			Incl. furnishing, placing all materials as specified
PART 00600 & 00700 - BASES & WEARING SURFACES							SUBTOTAL
46	0620-012000J	COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	390	SQYD			Incl. furnishing, placing all materials as specified
47	0640-010000M	AGGREGATE BASE	450	TON			Incl. furnishing, placing all materials as specified
48	0744-030200M	LEVEL 3, 1/2 INCH ACP MIXTURE	170	TON			Incl. furnishing, placing all materials as specified
PART 00800 & 00900 - PERMANENT TRAFFIC SAFETY/GUIDANCE DEVICES & CONTROL/ILLUMINATION DEVICES							SUBTOTAL
49	0810-012600E	GUARDRAIL TRANSITION	4	EACH			Incl. furnishing, placing all materials as specified
50	0810-012900E	GUARDRAIL TERMINALS, NON-FLARED	3	EACH			Incl. furnishing, placing all materials as specified
51	0810-013220E	GUARDRAIL TERMINALS, DOWNSTREAM ANCHOR TERMINAL	1	EACH			Incl. furnishing, placing all materials as specified
52	0810-014610F	MIDWEST GUARDRAIL SYSTEM, TYPE 2A	188	FOOT			Incl. furnishing, placing all materials as specified
53	0810-014610F	MIDWEST GUARDRAIL SYSTEM, TYPE 3	50	FOOT			Incl. furnishing, placing all materials as specified
54	0820-010000F	CONCRETE BARRIER	180	FOOT			Incl. furnishing, placing all materials as specified
55	0820-040000F	SECURING CONCRETE BARRIER	100	FOOT			Incl. furnishing, placing all materials as specified
56	0855-010310E	BI-DIRECTIONAL YELLOW TYPE IAR MARKERS	8	EACH			Incl. furnishing, placing all materials as specified
57	0860-020000F	LONGITUDINAL PAVEMENT MARKINGS - PAINT	1,600	FOOT			Incl. furnishing, placing all materials as specified
58	0905-010100A	REMOVE AND REINSTALL EXISTING SIGNS	1	LS			Incl. furnishing, placing all materials as specified
59	0910-010000K	WOOD SIGN POSTS	90	FBM			Incl. furnishing, placing all materials as specified
PART 01030 & 01040 - REVEGETATION & HABITAT STRUCTURES							SUBTOTAL
60	SPECIAL - 01030	WETLAND SEEDING	15	AC			Sedges, rushes, etc. (tidal reach floodplain)
61	SPECIAL - 01030	RIPARIAN SEEDING	11	AC			Alder, Berries, etc. (thin spread fills, fluvial reach floodplain)
62	SPECIAL - 01030	UPLAND SEEDING	8	AC			Grasses, etc. (uphill and near site fill areas, staging areas)
63	SPECIAL - 01041	WHS TYPE 1 - CHANNEL SPANNING LOG	22	EA			Incl. furnishing, placing all materials as specified
64	SPECIAL - 01041	WHS TYPE 2 - FLOODPLAIN LOGS	50	EA			Incl. furnishing, placing all materials as specified
65	SPECIAL - 01041	WHS TYPE 3 - OVERHANGING TREE	10	EA			Incl. furnishing, placing all materials as specified
66	SPECIAL - 01041	WHS TYPE 4 - SPRUCE CRIB	35	EA			Incl. furnishing, placing all materials as specified
CONSTRUCTION TOTAL							

3.2 Equipment and Labor Proposal

Equipment and labor rates are included in the Bid Proposal provided in Section 3.1. These rates will apply for approved change orders if work outside of the Proposal scope is necessary.

Item	Cost	Unit
Excavator Track mounted excavator, 38,000 pounds GVW, includes operator, fuel, and insurance.		Per hour
Bulldozer Track mounted bulldozer, approximately 60,000 pounds GVW, includes operator, fuel, and insurance.		Per hour
Dump Truck Standard dump truck with 10 -12 cubic yard capacity, includes operator, fuel, and insurance.		Per hour
Site Supervisor On-site project supervisor able to direct labor and equipment.		Per hour
Operator 1 Skilled laborer able to operate equipment.		Per hour
Laborer 2 General laborer for physical labor.		Per hour

3.3 Proposer Certifications

The undersigned Proposer declares that the only person(s) interested in this Proposal are those named herein; that the Proposal is in all respects fair and without fraud; and, that it is made without any connection or collusion with any other person making a Proposal on this Project.

The Proposer further declares that he/she has carefully examined the Contract Documents for construction of the proposed project improvement; has personally inspected the site; is satisfied as to the type and quantities of materials, the types of equipment, the conditions of and the work involved, including the fact that the description of and the quantities of work and materials, the types of equipment, the conditions of and the work involved as included herein, is brief and is intended only to indicate the general nature of the work and to identify the said quantities with the detailed requirements of the Project; and, that this Proposal is made in accordance with the provisions and the terms of the Contract Documents.

The Proposer further agrees that he/she has exercised his/her own judgment regarding the interpretation of subsurface information and has obtained and utilized all data which they believe pertinent from the Contracting Agent, and Engineer, and such other sources of information as they determine appropriate in arriving at their conclusion.

The Proposer certifies that they have not and will not discriminate against minority, women, or emerging small businesses in the awarding of any subcontracts in accordance with ORS 279A.110 (4). The Proposer agrees not to discriminate on the basis of age, citizenship status, color, familial status, gender identity or expression, marital status, mental disability, national origin, physical

disability, race, religion, religious observance, sex, sexual orientation, and source or level of income in the performance of this contract.

The Proposer further agrees, to the extent of this Proposal, to furnish all labor, machinery, tools, apparatus, and other means of construction and do the work and furnish all materials as proposed in the Proposal necessary to complete the work in the manner and schedule proposed and according to the methods as specified in the Contract Documents.

The Proposer further agrees to accept as payment for the work proposed under this project, as herein specified and under the provisions included in the Contract Documents, the Bid Item price on the Proposal Form. The Proposer further represents a true measure of the labor and materials required to perform the work including all allowances for overhead and profit for each type of work called for in the Contract Documents and Proposal Form.

The name of the Proposer submitting this Proposal is:

Doing business at:

which is the address to which all communications concerned with the Proposal and with the Contract shall be sent.

(If Corporation)

In witness whereof, this Proposal is being executed and delivered by the undersigned Corporation as of _____ day of _____, 2023.

NAME OF CORPORATION

CCB #

By: _____

Title: _____

Signature: _____

4 GENERAL REQUIREMENTS

4.1 Summary of Work

The Work includes furnishing all labor, equipment, and materials for completing the project elements included in the Drawings and Specifications. Specific items of work include erosion control, site dewatering, work area isolation, procurement and installation of engineered structures, construction of embankment roadway, channel enhancement excavation and restoration, riparian enhancements, cleanup, and other items required to complete the projects as designed. Other incidental work or items required for full performance of work, notwithstanding the same may have been omitted from the plans or not specifically mentioned in the Contract Documents and are expected to be completed to achieve full project intent.

4.2 Payment, Retainage and Schedule of Values

The Project is a Bid Item Contract; therefore, the Contractor shall provide, prior to the pre - construction conference, a detailed schedule of values for each part of the Work that is linked to the overall Project schedule and Bid Form breakdown. The value assigned to each part of the work shall consist of labor, equipment, materials costs, and a pro rata contribution to overhead and profit. The sum of all values shall be equal to the total Bid Proposal price. Upon acceptance of the schedule of values by the Contracting Agent, it shall become the basis for the Contractor's requests for partial payment.

An unbalanced schedule of values providing for overpayment on items of work which would be performed first will not be accepted. The schedule of values shall be revised and resubmitted until acceptable. Final acceptance by the Contracting Agent shall indicate consent to the schedule of values as a basis for progress payments and shall not constitute an agreement as to the value of each indicated item.

Request for payment shall be submitted by the Contractor at the end of each month to the Contracting Agent. The payment request shall include detailed information to be confirmed that the payment request matches the actual work performed and meets the schedule of values. Once the payment request is agreed to by the Contracting Agent, the payment will be processed, and the payment will be made within 45 calendar days. A final 10% retainage will be held on the last payment until final completion of the project and all requirements have been met by the Contractor. Final completion will be based on a site inspection by the Contracting Agent, Owner, and Engineer as soon as requested by the Contractor after all project work has been completed and the Project is compliant with the Contract Documents.

4.3 Existing Conditions Site Investigation and Representation

The Contractor acknowledges satisfaction as to the nature and location of the work, the general and local conditions, particularly those bearing upon availability of transportation, access to the sites, disposal, handling and storage of materials, availability of labor, water, electric power, roads, and uncertainties of weather, ground water elevation, or similar physical conditions at the site and all other matters that can in any way affect the work or the cost thereof under this contract.

The Contractor further acknowledges satisfaction as to character, quality, and quantity of surface and subsurface materials to be encountered from their inspection of the site and from reviewing any available information included in these Contract Documents. Failure by the Contractor to become acquainted with the physical conditions of the site and the available information shall not relieve the Contractor from the responsibility for properly estimating the difficulty or cost of successfully performing the work. Contractors are responsible for making their own determination of subsurface conditions.

The Contractor warrants that as a result of examination and investigation of all the aforementioned data, the Contractor can perform the work in a good and professional workmanlike manner and to the satisfaction of the Contracting Agent and in full compliance with applicable Federal, State and County permits, codes or requirements. Contractor also represents that it has made all investigations essential to a full understanding of the difficulties, which it may encounter in performing the Contract, and that anything in the Contract Documents or any representations, statements or information made or furnished by Contracting Agent notwithstanding, Contractor will complete the Work for the compensation stated in this Contract.

The Contractor is responsible for verifying the locations of all existing utilities. The Contractor must notify all utility offices that will be affected by construction at least four (4) days in advance. Under no circumstances shall the Contractor expose any utility without first obtaining permission from the appropriate utility company. Once permission has been granted, the Contractor may locate, expose, and provide temporary support for all existing utilities. The Contractor shall reschedule their work to allow relocation of any conflicting utility. The Contractor will not be entitled to additional compensation for delays in the project attributed to the relocation of utilities.

Necessary precautions shall be taken to prevent damage to existing structures at the site, whether or not they lie within the limits of construction activities, any associated underground infrastructure and roadways. The Contractor is responsible for any damages caused by construction activities and subsequent repairs at no additional cost to the Contracting Agent. The Contracting Agent shall be notified of any damages caused by Contractor.

An attempt has been made to show major structures on the Drawings. The completeness and accuracy of information shown cannot be guaranteed, and it is presented simply as a guide to avoid known possible difficulties.

Any information obtained by the Contracting Agent regarding site conditions, subsurface information, groundwater elevation, existing construction of site facilities as applicable, and similar data will be available for inspection upon request. Such information is offered as supplementary information only.

4.4 Site Access

Contractor shall locate temporary access routes to minimize disturbance to existing floodplain surfaces to the maximum extent practicable and shall confine construction operations to the limits of construction access, construction site, rights-of-way, and access areas as shown on the Drawings. Any damage to property shall be the responsibility of the Contractor. If additional access is necessary to complete the project, the Contracting Agent will assist the Contractor to

the fullest extent practicable, however, all damages and claims by private parties will be the responsibility of the Contractor at no additional cost to the Contracting Agent.

Contractor shall provide sufficient safe and proper access at all times for the inspection of the work site by the Contracting Agent, Engineer, and regulatory personnel.

4.5 Work Coordination and Scheduling

Project Schedule: The selected Contractor shall submit a proposed schedule as part of their Proposal. A detailed work schedule that shows the dates at which the Contractor will start and complete the various parts of the Contract shall be submitted at the pre-construction conference. The scheduled completion date must be the same or earlier than the contractual completion date. Should the Contractor show a completion date earlier than the Contractual completion date, the resulting “float” shall belong to both the Contracting Agent and the Contractor. The Contracting Agent and Engineer will review schedules and if required, Contractor shall resubmit revised schedules within two (2) working days after return of review copy.

Schedules shall be of the Gantt chart type prepared using a computer program such as Microsoft Project or Primavera. Schedules shall show critical path with logical ties between tasks and at a minimum, the start date, finish date, and planned duration of each task.

Contractor shall not be responsible for delay or default due to circumstances beyond its reasonable control (Force Majeure acts), including, without limitation, acts of God; earthquakes; fires; floods; wars; civil or military disturbances; acts of terrorism; sabotage; strikes; epidemics and pandemics; riots; power failures; computer failure and any such circumstances beyond the Contractor’s reasonable control.

4.6 Work Hours

General hours of operation shall be weekdays, 7 am to 7 pm. Construction will not take place on weekends or holidays. Work hours outside of these “General hours of operation” may be allowed with prior approval from the Contracting Agent. Proposers shall do their due diligence to review County sound ordinances. Proposer shall note within their proposal if they anticipate working outside the general hours of operations.

4.7 Reasonably Implied Work and Incidental Items

Any part of the work that is not mentioned in the Specifications, but is shown on the Drawings; or any part not shown on the Drawings, but described in the Specifications; or any part not shown in the Drawings nor described in the Specifications which is necessary or normally required as a part of such work; or is necessary or required to make each installation satisfactorily operable, shall be performed by the Contractor as incidental work at no additional cost to the Contracting Agent.

4.8 Change Orders or Work Outside Project Scope

Any work required to carry out the intent of the Contract Documents by information not clearly indicated in the Contract Documents, or which cannot be reasonably implied from the intent and meaning of the Contract Documents and which cannot be classified under any of the items for which a Bid Item price is listed in the Contractor's Proposal will be paid for on a unit price account basis based on the Proposal Form rates provided.

All extra work for which the Contractor is requesting payment must be approved in writing by the Contracting Agent and Engineer prior to executing the work. Work performed without prior written approval will not be compensated by the Contracting Agent. Payment will be made for the documented actual cost of labor, materials, expenses, and additional insurance expenses after the work is accepted.

Materials: The cost of materials reported shall be at invoice or the lowest current price at which materials are locally available and delivered to the job in the quantities involved, plus the cost of freight, delivery and storage. If, in the opinion of the Contracting Agent, the cost of materials is excessive or the Contractor does not furnish satisfactory evidence of the cost of such material, then the cost shall be deemed to be the lowest current wholesale price for the quantity concerned delivered to the work site less trade discount.

Equipment: The Contractor will be paid for the use of equipment at the rate listed on the Proposal Form or for such equipment not listed, Contractor and Contracting Agent will negotiate an hourly rate for the equipment. The time to be paid for equipment on the work site shall be the time the equipment is in productive operation on the extra work being performed and, in addition, shall include the time required to move the equipment to the work site and return it to its original location if the equipment is used solely for the extra work.

Work Report: To be paid for extra work, the Contractor must submit a work report in a format approved by the Contracting Agent that includes a location for signatures from the Contracting Agent and Engineer. Failure to complete the work report and submit the form for appropriate signatures by the next working day after extra cost work from the previous day was completed will result in the Contractor's costs for extra work being disallowed.

4.9 Regulatory Permit Conditions

Permits have been issued by Federal, State, and County regulatory agencies to the Contracting Agent. Contractor shall review the provisions of the individual permits from the Contracting Agent and they are herein incorporated as part of the Contract Documents. A copy of all permits must be kept on site at all times and be available for inspection in the event that personnel from a regulatory agency enter the site and request inspection of permits and monitoring records.

4.9.1 Oregon Department of Forestry

Contractor shall follow all Oregon Department of Forestry (ODF) requirements including obtaining a Power Driven Machinery Permit as required and following all Fire Season Industrial Fire Precaution Level restrictions throughout the duration of the Project. It is the Contractor's

responsibility to pay for and obtain all necessary ODF permits and comply with the conditions. Likewise, the Contractor is required to comply with all fire season restrictions enforced by ODF and should incorporate adequate schedule flexibility and costs associated with work stoppage and compressed schedule resulting from fire restriction operational hours.

4.10 Key Persons

Contractor acknowledges and agrees that Contracting Agent selected Contractor, and is entering into this Agreement, because of the special qualifications of Contractor's Key Persons identified in the proposal. Contractor's Key Persons shall not delegate performance of the powers and responsibilities they are required to provide under this Agreement to another Contractor employee(s), and Contractor shall not re-assign or transfer the Key Persons to other duties or positions such that the Key Persons are no longer available to provide the Contracting Agency with their expertise, experience, judgment, and personal attention, without first obtaining the Contracting Agent's prior written consent to such re-assignment or transfer, which consent shall not be unreasonably withheld. The Contracting Agent will have the right to interview, review the qualifications of, and approve or disapprove the proposed replacement(s) for the Key Persons, in the event Contractor requests that the Contracting Agent approve a re-assignment or transfer of the Key Persons or if Contractor must replace Key Persons due to death, illness, or termination of employment with the Contractor. Any such replacement personnel shall have substantially equivalent or better qualifications than the Key Person being replaced. Any replacement personnel approved by Contracting Agent shall thereafter be deemed a Key Person for purposes of this Contract.

4.11 Equipment Fluids Requirements

All equipment that will be operated in and adjacent to the stream channel and live water shall use biodegradable lubricants and fluids.

4.12 Protection of Cultural Resources (Inadvertent Archaeological Discoveries)

A comprehensive Inadvertent Archeological Discoveries Plan (IDP) will be provided to the successful proposer for directions in case of uncovering cultural resources during ground disturbing activities. An archaeological monitor will be required on-site during ground disturbing activities. Prior to commencing work, a meeting with the Contracting Agent must occur to overview the IDP protocols.

Comply with all Laws governing preservation of cultural resources. If cultural materials are encountered on the Project site or in material sources, immediately discontinue operations, protect the cultural resource from disturbance or damage, and notify the Contracting Agent. Ground-disturbing activities shall be immediately stopped when human remains or potentially significant archaeological materials are discovered and notify the Contracting Agent immediately. Where a suspected human burial or skeletal remains are uncovered, the Contracting Agent will be responsible for notifying the appropriate authorities including the Oregon State Police.

4.13 Protection of Fish, Wildlife & Habitat

Comply with the laws and recommendations of the Oregon Department of Fish and Wildlife, National Marine Fisheries Service, and U.S. Fish and Wildlife Service, and the rules and practices developed through the Oregon Plan for Salmon and Watersheds. Conduct operations to avoid any hazards to the safety and propagation of fish and shellfish in waters of the State.

Comply with the Migratory Bird Treaty Act (16 U.S.C. 703 -712) which protects most species of birds in Oregon and prohibits the removal of nests or vegetation with nests containing eggs and dependent young.

Known locations of any area needing special measures for protection of plants or animals listed as threatened or endangered under the Endangered Species Act of 1973, as amended, will be identified at the site.

4.14 Right to Terminate Contract

The Contracting Agent, after providing Contractor opportunity for remedy, may without prejudice to any other right or remedy and after giving Contractor and Contractor's surety ten (10) days written notice, terminate the Contract under the conditions including but not limited to those listed below.

1. If Contractor should voluntarily or involuntarily seek protection under the United States Bankruptcy code and its Debtor in Possession or Trustee for the Estate fail to assume the contract within a reasonable time.
2. If Contractor should make a general assignment for the benefit of Contractor's creditors.
3. If a receiver should be appointed on account of Contractor's insolvency.
4. If Contractor should repeatedly refuse or fail to supply an adequate number of skilled workers or proper materials to carry on the Work as required by the contract documents or otherwise fail to pursue the Work in a timely manner.
5. If Contractor should repeatedly fail to make prompt payment to subcontractors or for material or labor, or should disregard the instructions of the Contracting Agent, Engineer or their representatives.
6. If Contractor is otherwise in material breach of any part of the contract.

At any time that the above occurs, the Contracting Agent may take possession of the Project site and premises and of all materials and finish the work by whatever method the Contracting Agent deems expedient.

In such case, the Contractor shall not be entitled to receive further payment until the work is completed. If the unpaid balance of the contract price will exceed the cost of finishing the work, such excess will be paid to the Contractor. If the Contracting Agent's cost of finishing the work exceeds the unpaid balance of the contract price, Contractor shall promptly pay the difference to the Contracting Agent.

4.15 Right to Terminate for Convenience

Contracting Agent may terminate the Contract in whole or in part if the Contracting Agent determines that termination of the contract is in their best interest.

Contracting Agent will provide the Contractor and the Contractor's surety ten (10) days prior, written notice of a termination for public convenience. After such notice, the Contractor and the Contractor's surety shall provide the Contracting Agent with immediate and peaceful possession of 1) the Project site and premises; and 2) materials located on and off the Project site and premises for which the Contractor received progress payment, if any. Compensation for work terminated by the Contracting Agent under this provision will be made according to the terms of these General Requirements. In no circumstances shall Contractor be entitled to lost profits due to termination.

Action upon Termination: Upon receiving notice of termination and except as directed otherwise by the Contracting Agent, Contractor shall immediately cease placing further subcontracts or orders for materials, services, or facilities. In addition, Contractor shall terminate all subcontracts or orders to the extent that they relate to the work terminated, and with the prior approval of the Contracting Agent, settle all outstanding liabilities and termination settlement proposals arising from the termination of said constructs and orders.

As directed by the Contracting Agent, Contractor shall, upon termination, transfer and deliver to the Contracting Agent all project documents, information and other property that, if the contract had been completed, would be required to be furnished to the Contracting Agent. Upon termination, Contractor shall take any action necessary or that the Contracting Agent may direct for the protection and preservation of the work and any other property related to the contract that is in the possession of Contractor and in which the Contracting Agent has any interest.

4.16 Suspension of Work for Other than Contracting Agent's Convenience

The Contracting Agent may issue orders to suspend the work wholly or in part for such period of time as deemed necessary because of:

(1) weather or ground conditions when further prosecution of the work might cause environmental or resource damage to the project, access roads to the project, or adjacent property. Such action would include but not be limited to instances such as siltation of streams, damage to access roads, rutting of project roads which causes otherwise suitable soils to be muddy or unsuitable; or

(2) failure of the Contractor to comply with specifications such as but not limited to performing work prior to prerequisite approvals, operating equipment not meeting fire requirements, or when conditions exist which do not meet safety requirements; or

(3) Owner requires closure of the property due to circumstances beyond its reasonable control

(Force Majeure acts), including, without limitation, acts of God; earthquakes; fires; floods; wars; civil or military disturbances; acts of terrorism; sabotage; strikes; epidemics and pandemics; riots; power failures; computer failure and any such circumstances.

4.17 Watersheds Association not Personally Liable

There shall be no personal liability upon the Contracting Agent, their agents or employees, for any act performed in the discharge of any duty imposed or the exercise of any power or authority conferred upon them by, or within the scope of the contract, it being understood that in all such matters they act solely as agents and representatives of the Contracting Agent.

4.18 Claims

Contractor shall proceed diligently with the Work pending final determination of any dispute or claim. Contractor and Contracting Agent agree that any dispute resolution will be governed by the laws of the State of Oregon. With respect to any dispute relating to this Contract, or in the event that a suit, action, or other proceeding of any nature whatsoever is instituted to interpret or enforce the provisions of this Contract, including, without limitation, any proceeding under the U.S. Bankruptcy Code and involving issues peculiar to federal bankruptcy law or any action, suit, or proceeding seeking a declaration of rights or rescission, the prevailing party shall be entitled to recover from the losing party its reasonable attorney fees, paralegal fees, expert fees, and all other fees, costs, and expenses actually incurred and reasonably necessary in connection therewith, as determined by the judge at trial, or other proceeding, or on any appeal or review, in addition to all other amounts provided by law.

4.19 Integration

If any provision in these Contract Documents is invalid or unenforceable in any respect for any reason, the validity and enforceability of such provision in any other respect and of the remaining provisions of this Contract will not be in any way impaired. This Contract (including the documents and instruments referred to in this Contract) constitutes the entire agreement and understanding of the parties with respect to the subject matter of this Contract and supersedes all prior understandings and agreements, whether written or oral, among the parties with respect to such subject matter.

5 CONSTRUCTION SPECIFICATIONS

The construction specifications that follow are included in and considered a part of the Contract Documents.

Standard Specifications

- Introduction
- Amendments not related to the Project Scope of Work
- Amendments to the Standard Specifications
- Section 00100 General Conditions
- Section 00220 Accommodations for Public Traffic
- Section 00280 Erosion and Sediment Control
- Section 00299 Fire Precautions
- Section 00310 Removal of Structures and Obstructions
- Section 00320 Clearing and Grubbing
- Section 00330 Earthwork
- Section 00331 Subgrade Stabilization
- Section 00390 Riprap Protection
- Section 00450 Structural Plate Shaped Structures
- Section 01030 Seeding

Special Provisions

- Introduction to the Special Provisions
- Part 00100 General Requirements
 - Description of the Work
 - Section 00110.20 Definitions
 - Section 00120 Bid Requirements and Procedures
 - Section 00170 Legal Relations and Responsibilities
 - Section 00180 Prosecution and Progress
- Part 00200 Temporary Features and Appurtenances
 - Section 00245 Temporary Water Management
 - Section 00250 Access Road and Improvement
- Part 00500 Bridges
 - Section 00575 Prefabricated Bridge and Abutment System
- Part 01000 Wood Procurement and Placement
 - Section 01041 Salvaged Logs
 - Section 01042 Wood Habitat Structures

The construction specifications that follow are included in and NOT considered a part of the Contract Documents.

Standard Specifications

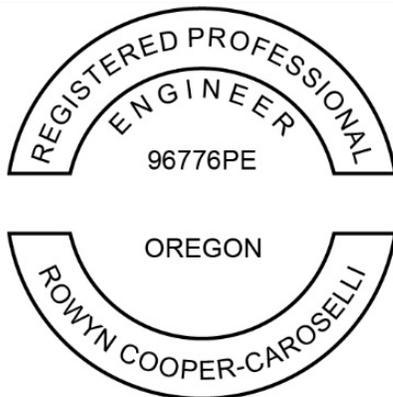
- Section 01040 Planting

BEAVER HILL WETLAND RESTORATION
FLOODPLAIN RESTORATION PROJECT
COOS COUNTY, OREGON



Coquille Watershed Association
390 N Central Blvd
Coquille, OR 97423

CONSTRUCTION SPECIFICATIONS
SPECIAL PROVISIONS
REVISED - FEBRUARY 2026



RENEWS 12/31/2027



1001 SE Water Ave, Suite 180
Portland, OR 97214
503.207.6688

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STANDARD SPECIFICATIONS

INTRODUCTION

The following Amendments and Special Provisions shall be used in conjunction with the current Oregon Department of Transportation (ODOT) Oregon Standard Specifications for Construction, hereafter “Standard Specifications”.

AMENDMENTS NOT RELATED TO PROJECT SCOPE OF WORK

The following is a list of current Amendments to the Standard Specifications which do not relate to any items in this project’s scope of work and have not been included in this document. If any of these amendments do become necessary for the progress of the work, the Contracting Agency will provide a copy to the Contractor. Copies of all current amendments are also available at the Oregon Department of Transportation internet web site at

https://www.oregon.gov/odot/Business/Specs/2024_STANDARD_SPECIFICATIONS.pdf

Section 00335 - Blasting Methods and Protection of Excavation Backslopes

Section 00396 - Shotcrete Slope Stabilization

Section 00398 - Rock Slope Stabilization and Reinforcement

Section 00406 - Tunneling, Boring, and Jacking

Section 00411 - Pipe Bursting and Slip Lining

Section 00412 - Cured-in-Place Pipe Lining Thermo Cure

Section 00413 - GRP Cured-in-Place Pipe Lining UV Cure

Section 00414 - Pipe Renewal – Spray Applied Pipe Structural Liner

Section 00415 - Video Pipe Inspection

Section 00430 - Subsurface Drains

Section 00446 - Trench Drains

Section 00460 - Paved Culvert End Slopes

Section 00470 - Manholes, Catch Basins, and Inlets

Section 00480 - Drainage Curbs

Section 00490 - Work on Existing Sewers and Structures

Section 00495 - Trench Resurfacing

Section 00501 - Bridge Removal

Section 00503 - Bridge Deck Cold Plane Pavement Removal

Section 00535 - Post-Installed Anchor Systems

Section 00536 - Internal Shear Anchors

Section 00538 - Crack Injecting Existing Bridges

Section 00560 - Structural Steel Bridges

Section 00566 - Carbon Fiber Reinforced Polymer Strengthening – Near Surface Mounted

Section 00570 - Timber Structures

Section 00584 - Elastomeric Concrete Nosing

Section 00590 - Polymer Membrane

Section 00592 - Rolled Waterproofing Membrane
Section 00593 - Powder Coating Metal Structures
Section 00594 - Preparing and Coating Metal Structures
Section 00595 - Reinforced Concrete Box Culverts
Section 00596A - Mechanically Stabilized Earth Retaining Walls
Section 00596B - Prefabricated Modular Retaining Walls
Section 00596C - Cast-In-Place Concrete Retaining Walls
Section 00597 - Sound Walls
Section 00599 - Concrete Slope Paving
Section 00620 - Cold Plane Pavement Removal
Section 00622 - Grinding Concrete Pavement
Section 00680 – Stockpiled Aggregates
Section 00705 - Emulsified Asphalt Prime Coat and Emulsified Asphalt Fog Coat
Section 00706 - Emulsified Asphalt Slurry Seal Surfacing
Section 00710 - Single Application Emulsified Asphalt Chip Seal
Section 00711 - Pre-Coated Aggregate Asphalt Chip Seal
Section 00715 - Multiple Application Emulsified Asphalt Surface Treatment
Section 00730 - Emulsified Asphalt Tack Coat
Section 00735 - Emulsified Asphalt Concrete Pavement
Section 00738 – Safety Edge
Section 00740 - Commercial Asphalt Concrete Pavement (CACP)
Section 00743 - Porous Asphalt Concrete (PAC)
Section 00745 - Asphalt Concrete Pavement - Statistical Acceptance
Section 00746 - Crack Sealing Flexible Pavements
Section 00749 - Miscellaneous Asphalt Concrete Structures
Section 00755 - Continuously Reinforced Concrete Pavement
Section 00759 - Miscellaneous Portland Cement Concrete Structures
Section 00811 - Cable Barrier
Section 00815 - Bollards
Section 00840 - Delineators and Milepost Marker Posts
Section 00842 - Facility Identification Markers
Section 00856 - Surface Mounted Tubular Markers
Section 00868 - Colored Lane Markings
Section 00910 - Wood Sign Posts
Section 00920 - Sign Support Footings
Section 00921 - Major Sign Support Drilled Shafts
Section 00930 - Metal Sign Supports
Section 00940 - Signs
Section 00941 - Sign Covers
Section 00950 - Removal of Electrical Systems
Section 00960 - Common Provisions for Electrical Systems
Section 00962 - Metal Illumination and Traffic Signal Supports
Section 00963 - Signal Support Drilled Shafts

Section 00970 - Highway Illumination
Section 00990 - Traffic Signals
Section 01070 - Mailbox Supports
Section 01100 - Water Supply Systems
Section 02140 - Glue Laminated Timber Members

AMENDMENTS TO THE STANDARD SPECIFICATIONS

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

Each Amendment contains all current revisions to the applicable section of the Standard Specifications and may include references which do not apply to this particular project. The deletion, amendment, alteration, or addition to any subsection or portion of the Standard Specifications is meant to pertain only to that particular portion of the section, and in no way should it be interpreted that the balance of the section does not apply unless stated as such.

All instances of text within the standard specifications that contain "Agency" or "ODOT" shall be replaced by, refer to, or imply "Coquille Watershed Association". All instances of text within the Amendments, Special Provisions, and Plans that contain Owner's Project Representative (OPR) shall also be replaced by, refer to, or imply Coquille Watershed Association.

Italicized wording in the following sections is taken from the Standard Specifications and show the modifications for this project.

SECTION 00100 – GENERAL CONDITIONS

00150.60 – Construction Equipment Restrictions

Amend this section with the following:

(d) Protection of Sensitive Wetland Areas and Waterbodies – All construction equipment operating below ordinary high water (OHW) or highest measured tide (HMT), or in the wetland, channel, and berm and culvert removal areas shall exclusively use biobased hydraulic fluids, be steam cleaned and inspected for leaks prior to each use, and be diapered to prevent leakage of fuels, oils, or other fluids below OHW or HMT elevation. Biobased hydraulic fluids include those made with renewable resources such as natural vegetable oil. Any equipment found to be leaking fluids must be immediately removed from and kept out of OHW or HMT until repaired.

(e) When practical, stage materials and equipment 150 feet or more away from existing wetlands. If equipment must be staged within 150 feet of existing wetlands then it shall be staged with secondary containment subject to approval of the project OPR.

(f) All vehicles operated within 150 feet of any waters of the state must be inspected daily for fluid leaks before leaving the vehicle staging area. Any leaks detected in the vehicle-staging area must be repaired before the vehicle resumes operation.

(g) Before operations begin and as often as necessary during operation, equipment must be steam cleaned (or undergo an approved equivalent cleaning) until all visible oil, grease, mud, and other visible contaminants are removed if the equipment will be used below the bank of a waterbody.

(h) All stationary power equipment (e.g., generators, cranes, stationary drilling equipment) operated within 150 feet of any waters of the state must be covered by an absorbent mat to prevent leaks, unless other suitable containment is provided to prevent potential spills from entering any waters of the state.

(i) An adequate supply of materials (such as straw matting/bales, geotextiles, booms, diapers, and other absorbent materials) needed to contain spills must be maintained at the project construction site and deployed as necessary.

(j) A maintenance log documenting equipment maintenance inspections and actions must be kept on-site and available upon request.

SECTION 00220 – ACCOMMODATIONS FOR PUBLIC TRAFFIC

00220.40 – General Requirements

Amend this section with the following:

For safety and security, public access shall not be allowed along the construction access and haul routes, or the grading areas, as shown on the Plans. Construction access shall be from N Bank Ln and E Beaver Hill Rd and along private roads within the work limits of the project. The public shall not access any parts of the construction work limits, haul route, disposal areas, or any other areas of the site where active construction is taking place.

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

Comply with Section 00222 of the Standard Specifications modified as follows:

00222.40(e) Temporary Sign Placement

Add the following to the end of the bullet list:

Place a "PEDESTRIANS ON ROADWAY" (CW11-2) sign, when the TPAR is located on a Roadway or paved Shoulder, at the beginning of each end of the Work Area, facing incoming traffic as shown, or as directed.

Install a 54-inch "TRUCKS LEAVING HIGHWAY XXXX FT" sign, when construction vehicles are leaving a Roadway, in advance of each entrance point to the Work Area at sign spacing "A" from the "TCD Spacing Table" shown on the Standard Drawings.

Install a 54-inch "TRUCKS ENTERING HIGHWAY XXXX FT" sign, when construction vehicles are entering a Roadway, in advance of each exit point from the Work Area at sign spacing "A" from the "TCD Spacing Table" shown on the Standard Drawings.

Install the following warning signs for each new "STOP" sign installed in the intersection. Install a "Stop Ahead" (W3-1) symbol sign approximately ___ feet in advance of the "STOP" sign. Install a

"NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately ____ feet in advance of the "Stop Ahead" sign. Keep the "NEW TRAFFIC PATTERN AHEAD" signs in place 30 Calendar Days after installing the "STOP" sign.

Install a "NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately 700 feet in advance of East Beaver Hill Road, facing northbound incoming traffic.

Install a "NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately 900 feet in advance of East Beaver Hill Road, facing southbound incoming traffic.

Keep the "NEW TRAFFIC PATTERN AHEAD" signs in place 30 Calendar Days after installing the diversion traffic setup.

SECTION 00280 – EROSION AND SEDIMENT CONTROL

SECTION 00280.15 Runoff Control Materials:

(a) Check Dams – Furnish check dam material meeting the following requirements:

Supplement this list with the following:

- *Meter bulkbags. – Durable, weather-resistant bulk material bags of approximately one meter (3.2 feet) in width, depth, and height. Fill meter-sized bulk bags with firmly-packed fine PCC 3/8" -0 aggregate, or round 3/8" – 3/16" pea gravel.*

SECTION 00299 – FIRE PRECAUTIONS

Fire Protection

1. *Contractor shall adhere to operational requirements specified in the Industrial Fire Precaution Level (IFPL) precautions. OPR may change the IFPL to other values upon revision of the National Fire Danger Rating System and may change the specific IFPL when such changes are necessary for the protection of the Project Site. The Contractor is responsible for checking the IFPL daily.*
2. *The OPR may require emergency measures, including the necessary shutting down of equipment or portions of operations in the project area during periods of fire emergency created by hazardous climatic conditions.*
3. *The Contractor shall, independently and in cooperation with OPR, take all reasonable actions to prevent and suppress fires in the project area. Independent initial action shall be prompt and shall include the use of all personnel and equipment available in the project area.*
4. *Contractor shall take the specific fire precautionary measures outlined below. Listing of specific fire precautionary measures herein is not intended to relieve the Contractor in any way from compliance with the State Fire Laws covering fire prevention and suppression equipment, applicable to operations under this Contract, permit or license.*

Before starting any operations on the project, the Contractor shall prepare a Fire Plan for the prevention and control of fires in the project area. The Contractor shall be subject to un-announced fire equipment inspections. The following fire safety measures shall be heeded.

Fire Period and Closed Season

Specific fire prevention measures are listed below and shall be effective for the period April 1 to October 31 of each year. OPR may change the dates of said period by advance written notice if justified by unusual weather or other conditions. Required tools and equipment shall be kept currently in serviceable condition and immediately available for initial attack on fires.

Fire Plan

Before starting any operations on the project, the Contractor, Permittee, Licensee, or Purchaser, hereinafter referred to as the "Contractor," shall prepare a fire plan in cooperation with the Contracting Officer providing for the prevention and control of fires in the project area.

The Contractor shall certify compliance with fire protection and suppression requirements before beginning operations during the fire period and closed season, and shall update such certification when operations change.

Substitute Measures

The Contracting Officer may by written notice authorize substitute measures or equipment or may waive specific requirements during periods of low fire danger.

Emergency Measures

The OPR may require emergency measures, including the necessary shutting down of equipment or portions of operations in the project area during periods of fire emergency created by hazardous climatic conditions.

Fire Control

The Contractor shall, independently and in cooperation with the OPR, take all reasonable action to prevent and suppress fires in the project area. Independent initial action shall be prompt and shall include the use of all personnel and equipment available in the project area.

For the purpose of fighting forest fires on or in the vicinity of the project which are not caused by the Contractor operations, the Contractor shall place employees and equipment temporarily at the disposal of the OPR. Any individual hired by the OPR will be employed in accordance with the Interagency Pay Plan for Emergency Firefighters. The OPR will compensate the Contractor for equipment rented at fire fighting equipment rates common in the area, or at prior agreed to rates.

Compliance with State Forest Laws

Listing of specific fire precautionary measures herein is not intended to relieve the Contractor in any way from compliance with the State Fire Laws covering fire prevention and suppression equipment, applicable to operations under this contract, permit or license.

Fire Precautions

Specific fire precautionary measures are as follows:

a. Smoking and Open Fires

Smoking and fires shall be permitted only at the option of the Contractor. The Contractor shall not allow open fires on the project area without advance permission in writing from the CAR.

Unless restricted by State Law or Federal Regulation, smoking shall be permitted only in such portions of the project area that are free of flammable material. Smokers shall sit down to smoke in such a position that any burning material will fall within a cleared area, and shall extinguish and press out in mineral soil all burning material before leaving the cleared area.

b. Fire Extinguishers and Equipment on Trucks, Tractors, etc.

All power-driven equipment operated by the Contractor on National Forest land, except portable fire pumps, shall be equipped with one fire extinguisher having a UL rating of at least 5 BC, and one "D" handled or long handled round point shovel, size "O" or larger. In addition, each motor patrol, truck and passenger-carrying vehicle shall be equipped with a double-bit axe or Pulaski, 3-1/2 pounds or larger.

Equipment shall be kept in a serviceable condition and shall be readily available.

c. Power Saws

Each gasoline power saw operator shall be equipped with a pressurized chemical fire extinguisher of not less than 8-ounce capacity by weight, and one long-handled round point shovel, size "O" or larger. The extinguisher shall be kept in possession of the saw operator at all times. The shovel shall be accessible to the operator within 1 minute.

d. Extinguishers

One refill for each type or one extra extinguisher sufficient to replace each size extinguisher required on equipment shall be safely stored in the fire tool box or other agreed upon place on the project area that is protected and readily available.

e. Spark Arresters and Mufflers

Each internal combustion engine shall be equipped with a spark arrester meeting either (1) USDA Forest Service Standard 5100-1a, or (2) appropriate Society of Automotive Engineers (SAE) recommended practice J335(b) and J350(a) as now or hereafter amended unless it is:

(1) Equipped with a turbine-driven exhaust supercharger such as the turbocharger. There shall be no exhaust bypass.

(2) A passenger-carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory-designed muffler complete with baffles and an exhaust system in good working condition.

(3) A heavy duty truck, such as a dump or log truck, or other vehicle used for commercial hauling, used only on roads and equipped with a factory designed muffler and with a vertical stack exhaust system extending above the cab.

Exhaust equipment described in this subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

f. Emergency Fire Precautions

The Contractor shall restrict operations in accordance with the Industrial Fire Precaution Levels listed below. The OPR may change the Industrial Fire Precaution Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Industrial Fire Precaution Levels when such changes are necessary for the protection of the National Forest. When sent to the Contractor, the revised Industrial Fire Precaution Levels will supersede the attached levels.

LEVEL INDUSTRIAL FIRE PRECAUTION (IFPL)

I. Closed season - Fire precaution requirements are in effect. A fire watch/security is required at this and all higher levels unless otherwise waived.

II. Partial hoot owl - The following may operate only between the hours of 8 p.m. and 1 p.m., local time:

- a. power saws, except at loading sites;*
- b. cable yarding;*
- c. blasting;*
- d. welding or cutting of metal.*

III. Partial shutdown - The following shall be prohibited except as indicated:

Cable yarding - except that gravity operated logging systems employing non-motorized carriages may be operated between the hours of 8 p.m. and 1 p.m., local time, when all block and moving lines, except the line between the carriage and the chokers, are suspended 10 feet above the ground;

Power saws - except power saws may be used at loading sites and on tractor/skidder operations between the hours of 8 p.m. and 1 p.m., local time.

In addition, the following are permitted between the hours of 8 p.m. and 1 p.m., local time:

- a. tractor/skidder operations;*
- b. mechanized loading and hauling of any product or material;*
- c. blasting;*
- d. welding or cutting of metal;*
- e. any other spark-emitting operation not specifically mentioned.*

IV. General shutdown - All operations are prohibited.

The following definitions shall apply to these Industrial Fire Precaution Levels:

Cable yarding systems: A yarding system employing cables and winches in a fixed position.

Closed season (Fire Precautionary Period): That season of the year when a fire hazard exists as declared by the responsible agency official.

Contracting Officer: The person executing the contract, permit or license on behalf of the Government and includes that person's designated representative, acting within the limits of their authority or the duly appointed successor to the individuals.

Loading sites/woods site/project area: A place where any product or material (including but not limited to logs, firewood, slash, soil, rock, poles, posts, etc.) is placed in or upon a truck or other vehicle.

Low hazard area: Means any area where the responsible agency representative (WDNR, ORF, BIA, BLM) determines the combination of elements reduces the probability of fire starting and/or spreading.

Tractor/skidder operations: include a harvesting operation, or portion of a harvesting operation, where tractors, skidders, or other harvesting equipment capable of constructing fire line, are actively yarding forest products and can quickly reach and effectively attack a fire start.

Waivers, written in advance, may be used for any and all activities. Activities for which waivers may be issued include, but are not limited to:

- a. mechanized loading and hauling;*
- b. road maintenance such as sprinkling, graveling, grading and paving;*
- c. cable yarding using gravity systems or suspended lines and blocks, or other yarding systems where extra prevention measures will significantly reduce the risk of fire;*
- d. powers saws at loading sites or in felling and bucking where extra prevention measures will significantly reduce the risk of fire;*
- e. maintenance of equipment (other than metal cutting and welding) or improvements such as structures, fences and power lines.*

Such waiver, or substitute precautions will prescribe measures to be taken by the Contractor to reduce the risk of ignition, and/or the spread of fire. The Contracting Officer shall consider site specific weather factors, fuel conditions, and specific operations that result in less risk of fire ignition and/or spread than contemplated when precaution level was predicted. Consideration shall also be given to measures that reduce the precaution levels above. The Contractor shall ensure that all conditions of such waivers or substitute precautions are met.

The Contractor shall obtain the predicted Industrial Fire Precaution Level daily, prior to the start of work, from the appropriate Ranger District headquarters. If predictions made after 6:00 p.m., local time, are significantly different than the original prediction, the CAR will inform the Contractor when changes in restrictions or industrial precautions are made.

NOTE: The IFPL system does not apply on lands protected by ODF east of the summit of the Cascades.

Where hauling involves transit through more than one shutdown/regulated use area, the precaution level at the woods loading site shall govern the level of haul restriction, unless otherwise prohibited by other than industrial precaution level system.

Fire Tools

The Contractor shall furnish serviceable fire fighting tools in a readily accessible fire tool box or compartment of sound construction with a hinged lid and hasp so arranged that the box can be secured or sealed. The box shall be red and marked "Fire Tools" in letters one inch high. It shall contain a minimum of-

- a. 2 axes or Pulaskis with a 32-inch handle;*
- b. 3 adze eye hoes. One Pulaski may be substituted for 1 adze eye hoe;*
- c. 3 long-handled, round point shovels, size "O" or larger.*

Fire Security

When the Industrial Fire Precautions Level is "I" or higher, unless a waiver is granted, the Contractor shall designate a person who shall perform fire security services listed below on the project area and vicinity. The designated person shall be capable of operating the Contractor's communications and fire fighting equipment specified in the contract, excluding helicopters, and of directing the activities of the Contractor's personnel on forest fires. In lieu of having the designated person perform the required supervisory duties, the Contractor may provide another person meeting the qualifications stated above to direct the activities of Contractor's personnel and equipment during all fire fighting activities.

Services described shall be for at least 1 hour from the time the Contractor's operations are shut down. For the purposes of this provision, personnel servicing equipment, and their vehicles, who are not engaged in cutting or welding metal are excluded.

Fire security services shall consist of moving throughout the operation area or areas constantly looking, reporting, and taking suppression action on any fires detected. Where possible, the designated person shall observe inaccessible portions of helicopter operating areas from vantage points within or adjacent to project area.

Additional Fire Precautionary Measure 1 - Tank Truck

The Contractor shall provide a tank truck or trailer, containing not less than 300 gallons of water, during yarding, loading, land clearing, right-of-way clearing and mechanical treatment of slash. A tank truck or trailer will not be required if power saw falling and bucking is the only operation. Such tank truck or trailer shall be maintained in a serviceable condition and located within 10 minutes, round trip, from each project area during fire period and closed season.

The tank truck or trailer shall be equipped with a pump capable of discharging 20 gallons of water per minute, using a 1/4 inch nozzle tip, through a 50 foot length of rubber line hose. In addition, 500 feet of serviceable fabric jacket rubber lined hose of not less than 1 inch outside diameter, fitted with a nozzle capable of discharging a straight stream of 1/4 inch diameter and a spray pattern shall be immediately available for use. The tank, pump and at least 250 feet of hose and nozzle shall be connected and ready for use at all times.

If a trailer is used, it shall be equipped with a hitch to facilitate prompt movement. A serviceable tow vehicle shall be immediately available for attachment to the trailer and must meet the time requirements stated above. Such truck or trailer shall be equipped to operate for a minimum of 8 hours. Tank truck or trailer shall be available from the start of work to the end of the Fire Watch / Fire Security service.

Additional Fire Precautionary Measure 2 - Communications

The contractor shall provide adequate two-way communication facilities to report a fire to OPR within 15 minutes of detection. FCC Regulations prohibit commercial use of Citizen Band (CB) radios. (CB's are not considered adequate two-way communications). Such communications shall be operable during periods of operation of power-driven equipment, including the time fire security is required.

SECTION 00310 – REMOVAL OF STRUCTURES AND OBSTRUCTIONS

00310.44 Earthwork in Connection with Removal

Supplement this paragraph with the following:

The excavation required to remove the existing North Bank Lane Culverts shall be included in the “prefabricated bridge and abutment system” pay item.

The excavation required to remove the private road culvert shall be included in the “structural plate shaped structures” pay item.

00310.80 Measurement - Replace the bullet “Length and Area...” with the following bullet:

Length and Area - The length or area of the Structure or item actually removed, will be measured along the line and grade of the Structure or item for each continuous Structure or item removed. Measurement will be on the length or area basis, limited to the Neat Lines shown or directed.

(Asphalt Pavement Sawcutting) (and) (Concrete Sawcutting) will be measured by the linear foot of sawcut, limited to the Neat Lines shown or directed unless otherwise specified. Methods other than sawcutting will not be measured. If the depth is greater than shown, the length will be adjusted by converting to an equivalent number of feet on a proportionate-length basis.

Additional concrete sawcutting beyond what is shown or directed by the Engineer will not be measured.

00310.92 Separate Item Basis -

Replace the Pay Item Asphalt Pavement Sawcutting with the following Pay Item:

Pay Item	Unit of Measurement
(g) Asphalt Pavement Sawcutting, _____ inches Deep	Foot

Replace the paragraph that begins “Item (g) applies...” with the following paragraph:

In item (g), the depth of cutting will be inserted in the blank.

Add the following paragraph to the end of the subsection:

No separate or additional payment will be made when methods other than sawcutting are utilized where sawcutting is shown or directed.

SECTION 00320 – CLEARING AND GRUBBING

00320.40 Clearing Operations

Supplement paragraph (a) Clearing Trees and Other Vegetation with the following:

Salvage native trees and brush that are cleared within the construction limits according to Special Provision Section 01041 Salvaged Logs.

00320.42 Disposal of Matter - Replace this subsection with the following subsection:

00320.42 Ownership and Disposal of Matter - *Vegetation and natural material designated for preservation and salvage are the property of the Agency. All other matter and debris accumulated from clearing and grubbing operations become the Contractor's property at the place of origin. Dispose of all matter and debris according to 00290.20.*

SECTION 00330 – EARTHWORK

Comply with Section 00330 of the Standard Specifications modified as follows:

00330.03 Basis of Performance - Add the following paragraph to the end of this subsection:

Perform all earthwork (North Bank Lane) under this Section on the embankment basis.

00330.41 Excavations

Supplement this section with the following:

Earthwork quantities for habitat restoration excavation are approximate. Quantities were calculated based on bank volumes between existing grade and finish grade surfaces. Existing grade surfaces were developed using topographic survey by Wolf Water Resources in 2022 and were supplemented by LiDAR topographic data which can have variable accuracy due to vegetative cover, open water, and other sources of error.

Channel Excavation & Local Regrading *includes tidal and fluvial channel construction, outlet widening, regrading, and compaction of this material within the grading boundary as shown on the Plans.*

The upper 18 inches (or depth otherwise that completely captures the reed canarygrass rootmass) of all channel excavation shall be kept separate and disposed of in the lowest lift (at the bottom or buried to the extent possible) at the onsite disposal area as directed by the OPR.

Wetland Creation & Local Regrading (RCG) includes excavation in the wetland creation/ marshplain lowering areas, hauling, regrading, and compaction of this material at the onsite disposal area as shown on the Plans. Wetland creation excavation may require soil stabilization measures (timber mats), wide-track equipment, and/or other special work accommodations for working in wet conditions and low bearing strength soils. Vegetation within slough sedge islands shall be avoided as indicated on the Plans.

The upper 18 inches (or depth otherwise that completely captures the reed canarygrass rootmass) of all wetland excavation shall be kept separate and disposed of in the lowest lift (at the bottom or buried to the extent possible).

All work required for separating, stockpiling and placing topsoil for revegetation (Section 01040.14) is included in “Wetland Creation & Local Regrading (RCG)” bid items.

Onsite Disposal Areas shall be as indicated on the Plans. Onsite disposal areas are located on the Leslie Family and Beaver Hill Ranch properties, spanning elevations both above and below the OHW elevation. Excavation material shall be placed and final graded in a naturally varying manner, or as otherwise directed by the OPR. Final finish grading of the disposal area shall facilitate drainage, and not result in ponded areas or excessive erosion. Grading shall allow future access to and use of these areas by the landowner and shall not result in unsafe conditions for users of the property. Placement, grading, and compaction of excavation material at the Onsite Disposal Areas is included in the “Channel Excavation & Local Regrading” and “Wetland Creation & Local Regrading (RCG)” bid items.

Fill placed at the Disposal Areas shall be compacted in lifts not to exceed 12-inches. Compaction shall be to a firm condition. Acceptance of compaction methods and final compaction shall be determined by the OPR. All excavation material placed near the Leslie residence shall consist of a thin spread of material that preserves existing topography. The surface of the compacted fill shall be prepared for planting according to Section 1040 of these Specifications.

Extra Haul is required to move some material off site to other locations shown on the plans. Fill placed in the offsite disposal locations after extra haul is subject to the same compaction requirements as the onsite disposal areas. Additional work for extra haul will be measured in CY and paid under the extra haul bid item.

00330.42(c)(3) Embankment Slope Protection - Add the following paragraph to the end of this subsection:

Construct the outer 12 inches of embankments with suitable materials to establish slope stabilization through permanent seeding. If suitable material is not available, provide suitable materials from a Contractor-provided source which conforms to the requirements of 00330.11 or 00330.13 and provides favorable conditions for germination of seed and growth of grass.

00330.43(d) Irregular Fill Areas – Replace this section in its entirety with the following:

The density requirements of 00330.43 do not apply to fill areas outside of the travel lanes that are used for disposal of excavated material. Construct these areas according to the following:

- Place embankment material in approximately horizontal lifts not to exceed 12 inches.
- Shape the embankment generally as shown on the plans in a naturally varying manner.
- Track over embankment to loosely compact the surface, do not otherwise roll or compact the embankment.

00330.93 EXCAVATION BASIS PAYMENT

Supplement the list of pay items with the following:

- (f) Channel Excavation & Local Regrading..... Cubic Yard
- (g)Wetland Creation & Local Regrading..... Cubic Yard
- (h)Extra Haul..... Cubic Yard

SECTION 00331 – SUBGRADE STABILIZATION

00331.1 Materials

Supplement this section with the following:

Subgrade stabilization at the private road crossing shall consist of 24 inches of crushed rock per ODOT SS 02630.10 - Dense Graded Aggregate, in 12-inch-thick layers, each layer compacted to a dense and unyielding condition. A woven geotextile, such as TenCate Mirafi® RS380i or similar, shall underlay the crushed rock. The fill pads should extend outward in each direction from the outer edges of the foundations by at least 12-inches.

Subgrade stabilization at North Bank Lane of 12 inches of crushed rock per ODOT SS 02630.10 - Dense Graded Aggregate, in 12-inch-thick layers, each layer compacted to a dense and unyielding condition. A woven geotextile, such as TenCate Mirafi® RS380i or similar, shall underlay the crushed rock. The fill pads should extend outward in each direction from the outer edges of the foundations by at least 12-inches.

Approximate material quantities necessary for subgrade stabilization are provided for reference below:

<u>Location</u>	<u>Separation Geotextile</u>	<u>Dense Graded Aggregate</u>
Private Crossing	25 SY	16 CY
Bank Lane Crossing	95 SY	30 CY

SECTION 00390 – RIPRAP PROTECTION

Supplement this section with the following:

00390.5 Streambed Construction: Add this section in it’s entirety

Work under this section consists of furnishing and placing streambed material that is resistant to scour and erosion from flows for protection of the new bridge abutments. Streambed material shall be placed as shown on the Plans.

(a) General - Streambed material shall consist of round (river run) rock and conform to all provisions of this section. Angular (quarry run) rock shall not be used for streambed rock. Rock shall have a minimum specific unit weight of 2.5.

(b) Gradation Requirements - Streambed material shall be well-graded and follow the class and size of rock below. Verification of gradation may be by visual inspection on an individual count basis.

Streambed Material:

Rock Size Range (Inch)	% Passing by Size
16	100
10	50
1/2	20
Sand	5

(c) Control Sample – Contractor shall coordinate with the Engineer to visually inspect the proposed streambed cobble material for meeting gradation requirements prior to delivery of material to the work site.

Engineer inspection shall be performed **at the quarry** as coordinated by the contractor. The Contractor shall not deliver streambed cobble material to the work site until Engineer inspection and approval is given.

Construction

- (a) Excavate or backfill to subgrade indicated on plans, place separation geotextile and 6-inch layer of 3" minus crushed rock as filter rock. Where backfill is required to achieve subgrade elevations material used shall be generally free of organic material and have moisture content such that it can be compacted to a firm, unyielding condition without pumping.
- (b) Place Streambed material over filter rock as shown on the Plans. The minimum layer thickness of Streambed Material shall be 24 inches unless otherwise shown. Key in streambed material into the sideslopes and channel bottom by the dimensions shown on the Plans.
- (c) Bridge abutments (substructures) shall be embedded (covered) by streambed material by the dimensions shown on the Plans.
- (d) Place Streambed material by excavator bucket. Placement of rock by end-dumping shall not be allowed. Use the back of the excavator bucket to form, smooth, and slope the surface of the streambed material as shown on the Plans and to ensure rock-to-rock contact.

00390.80 Measurement supplement this section with the following:

(e) Measurement of the streambed construction shall be by the ton of accepted Streambed Material imported after work is complete and accepted by the engineer. Filter rock and separation geotextile will not be measured separately.

00390.90 Payment supplement this section with the following:

(f) Streambed Material.....Ton

Furnishing/placing separation geotextile and filter rock layer is incidental to the roughened rock toe bid item and will not be paid separately. Approximate quantities of each material are provided for reference below:

Location	Separation Geotextile (SY)	filter rock (CY)
Private Crossing	75	12
Bank Lane Crossing	300	100

SECTION 00450 – STRUCTURAL PLATE SHAPED STRUCTURES

Supplement this section with the following:

A conceptual design of the private road culvert is depicted on the Plans. The Contractor shall be responsible for the final design, fabrication, supply, and erection of the culvert. Stamped drawings of the culvert shall be provided by the contractor for review by the Engineer prior to construction.

The supplier shall furnish all materials including connecting steel and hardware for a complete installation. Culvert performance and supplier requirements shall be as follows:

- Span:** 25 feet (minimum)
- Length:** 14 feet (nominal)
- Rise:** 6 feet minimum
- Intended Uses:** Heavy Vehicle
- Wingwalls:** four – one at each corner
- Foundation:** Spread footings
- Loading:** HL-93 live load; structure deadload

00450.80 Measurement

Supplement this section with the following:

Material quantities, foundation preparation, subgrade stabilization, and other ancillary work necessary for the completion of the private road culvert will not be measured. Approximate material quantities for subgrade stabilization summarized in Section 00331.

00450.90 Payment

Supplement the pay item list with the following:

Payment for the structural plate shaped structure under the private access road shall be made under the

For the private road culvert all work to fully furnish and install the culvert including excavation, subgrade stabilization, structural plate, fixtures, wing walls, footings, compaction, and design drawings is incidental to the private road culvert pay item.

SECTION 00510 – STRUCTURE EXCAVATION AND BACKFILL

00510.46 Preparation of Foundations

Supplement this section with the following:

The contractor (or bridge designer if not the contractor) shall submit bridge live load, dead load, lateral load reactions, anchor bolt locations, bridge bearing pad, and abutment layout to the OPR and Engineer. Contractor is responsible to obtain all needed soils, hydraulic, and survey data and analysis required to construct footings if not already available.

A geotechnical engineering report has been prepared and is available from the OPR. The bridge abutments system shall comply with requirements of the geotechnical engineering report: June 2023, Aspect Consulting. Geotechnical engineering report is available upon request from the OPR.

SECTION 01030 – SEEDING

01030.13 Seed

Supplement paragraph (f) with the following:

Areas to receive loose seeding are shown in the Plans.

Wetland Seed mix shall be applied at a rate of 8.75 lbs/acre.

Riparian Seed Mix shall be applied at a rate of 12.5 PLS lbs/acre.

Upland Seed Mix shall meet the Native Plant Seeding standard.

Upland Seed Mix shall be applied at a rate of 21.625 PLS lbs/acre.

01030.14 Fertilizer

Replace this section with the following:

Fertilizer shall not be used.

01030.60 General

Supplement this section with the following:

- **Wetland Seed Mix** – 90% coverage of ground surface or greater
- **Riparian Seed Mix** – 90% coverage of ground surface or greater
- **Upland Seed Mix** – 90% coverage of ground surface or greater

SECTION 01040 – PLANTING

Supplement this section with the following.

01040.14 Topsoil

Paragraph (a) is replaced with the following:

Furnish native topsoil from the required excavations meeting the requirements of 00330.10. The OPR will make the final determination of the areas where the most suitable materials exist. Furnish topsoil that occurs within the required excavations at least 18 inches below the existing soil surface. Select only sources that do not have significant concentrations of root mat from reed canarygrass or other non-native vegetation.

Work required to furnish native topsoil shall be considered incidental to the wetland creation/ marshplain excavation and channel excavation pay items.

01040.19 Plants

Planting areas and planting schedules are shown in the Plans.

Paragraph (h) (9) is supplemented with the following:

Plant Cuttings – Plant cuttings are indicated as “Livestake(s)” on the Plans and shall meet the plant cutting standard specification. Plant cuttings are live plant material without a previously developed root system.

- (a) Live stake cuttings shall have a straight top cut immediately above a bud. The lower, rooting end shall be cut at an approximate 45-degree angle. Live stakes are cut from one to two-year old wood. Live stake cuttings shall be cut and installed with the bark intact with no branches or stems attached, and be the diameter specified in the Plans.*

Install live stakes no less than half of their length in the soil by hand driving to refusal. If this embedment depth is not being met use a small hand auger to prepare a hole to drive the livestock into; tamp the soil around the livestock to minimize air pockets.

Livestake sourcing

Livestakes are required for four project work items. The sourcing requirements depend on the work item as indicated below:

Wetland planting – live stakes of the species and quantity specified and listed in the plans shall be imported, contractor to supply samples to OPR for approval prior to installation.

01040.48 Planting Area Preparation

This section is replaced with the following:

All planting areas shall be weed free, and soils shall be in a bare condition before planting or seeding operations begin. Identify, kill, and remove identified plants according to 01030.62(b-3). Herbicides shall not be used without the written permission of the OPR. If approved, herbicides shall be applied per Section 01040.21. Do no spray or otherwise harm plants to be saved. After inspection and approval, remove the dead top growth of plant material within 2 inches of the surface and dispose of according to Section 00320. Plants designated for protection that are damaged by herbicide application shall be replaced at no additional cost to the OPR.

Remove any matter detrimental or toxic to the growth of plants, including weeds, clods, rocks, or debris.

The areas shall be cultivated at a depth between 3 inches and 6 inches, or at the depth approved by the OPR, to provide a reasonably firm but friable seedbed. Cultivation shall take place no sooner than 2 weeks prior to seeding.

All areas to be seeded, including excavated slopes, shall be compacted and prepared unless otherwise specified or ordered by the OPR. A cleated roller, crawler tractor, or similar equipment, approved by the OPR that forms longitudinal depressions at least 2 inches deep shall be used for compaction and preparation of the surface to be seeded.

The entire area shall be uniformly covered with longitudinal depressions formed perpendicular to the natural flow of water on the slope. The soil shall be conditioned with sufficient water so the longitudinal depressions remain in the soil surface until completion of the seeding.

Stake out approved plant material locations on the project site before digging plant pits or beds. The OPR reserves the right to adjust plant material locations to meet field conditions.

01040.71 Plant Establishment

- Add the following sentence to the end of this subsection:

This project requires a one year warranty based on correct installation of plants.

01040.80 Measurement

Measurement for Wetland Planting, Riparian Planting, Upland Planting, and Native Tree Planting will be made by using the average area method to determine that plant spacing is appropriate. Receipts for plants purchased shall be submitted by the contractor to verify that the numbers of each species included in the plans are furnished.

01040.90 Payment

(f) Plant Materials

-Add the following to this section

Payment for plant materials will be made under the following bid items:

Pay Item	Unit of Measure
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“Wetland Planting”	Acre
--------------------------	------

“Riparian Planting”	Acre
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“Upland Planting”	Acre
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Partial payment for plant materials will be made in accordance with the standard specifications.

SPECIAL PROVISIONS

INTRODUCTION TO THE SPECIAL PROVISIONS

The work on this project shall be accomplished in accordance with the Standard Specifications of the Oregon Department of Transportation (ODOT). The Standard Specifications, as modified or supplemented by the Amendments to the Standard Specifications and these Special Provisions, all of which are made a part of the Contract Documents, shall govern all the Work.

These Special Provisions are made up of both General Special Provisions (GSPs) from various sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each Provision supplements, modifies, or replaces the comparable Standard Specification, or is a new Provision. Where conflicts between standard or amended standard specifications and special provisions arise, the more stringent specification shall govern.

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Oregon State modifications, if any.

Contractor shall obtain copies of these publications, at Contractor's own expense.

PART 00100 – GENERAL CONDITIONS

DESCRIPTION OF WORK

This contract provides for the construction of channels, floodplain swales, wetlands, outlet widening, a culvert, existing road enhancements, and construction of a bridge and associated construction for the ultimate reconnection of Leslie Creek to its natural floodplain on the Leslie property. Construction includes temporary cofferdams for preventing upstream tidal and fluvial flows through the slough into the respective grading areas. Work also includes construction of wood habitat structures, revegetation with trees, shrubs, livestakes, seeding, temporary erosion and traffic control, and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications. The project is located off North Bank Lane in Coos County, Oregon.

SECTION 00110.20 - DEFINITIONS

This Section is supplemented with the following:

All references in the Standard Specifications to the terms "State", "Department of Transportation", "Secretary of Transportation", "Secretary", "Headquarters", and "State Treasurer" shall be revised to read "Contracting Agency" ("Coquille Watershed Association").

All references to "State Materials Laboratory" shall be revised to read "Contracting Agency designated location".

The venue of all causes of action arising from the advertisement, award, execution, and performance of the contract shall be in the Superior Court of Coos County.

Additive

A supplemental unit of work or group of bid items, identified separately in the proposal, may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate

One of two or more units of work or groups of bid items, identified separately in the proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Contract Documents

See definition for "Contract".

Contract Time

The period of time established by the terms and conditions of the contract within which the work must be physically completed.

Dates***Bid Opening Date***

The date on which the Contracting Agency publicly opens and reads the bids.

Award Date

The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive bidder for the work.

Contract Execution Date

The date the Contracting Agency officially binds the agency to the contract.

Notice to Proceed Date

The date stated in the Notice to Proceed on which the contract time begins.

Substantial Completion Date

The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, and only minor incidental work, replacement of temporary substitute facilities, or correction or repair remains for the physical completion of the total contract.

Physical Completion Date

The day all of the work specified in the contract is physically completed. All documentation required by the contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Completion Date

The day all the work specified in the contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by the contract and required by law must be furnished by the Contractor before establishment of this date.

Final Acceptance Date

The date on which the Contracting Agency accepts the work as complete.

Notice of Award

The written notice from the Contracting Agency to the successful bidder signifying the Contracting Agency's acceptance of the bid.

Notice to Proceed

The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the work and establishing the date on which the contract time begins.

Owner’s Project Representative (OPR)

Coquille Watershed’s representative.

Traffic

Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and equestrian traffic.

SECTION 00120 – BID REQUIREMENTS AND PROCEDURES

00120.05 REQUESTS FOR SOLICITATION DOCUMENTS

Amend this section and replace it with the following:

Information as to where Bid Documents can be obtained or reviewed will be found in the Call for Bids (Advertisement for Bids) for the work.

After award of the contract, plans and specifications will be issued to the Contractor at no cost as detailed below:

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17") and Contract Provisions	1	Furnished automatically upon award.

Additional plans and Contract Provisions may be purchased by the Contractor by payment of the cost stated in the Call for Bids.

SECTION 00170 – LEGAL RELATIONS AND RESPONSIBILITIES

00170.02 PERMITS, LICENCES AND TAXES

Amend this section as follows:

The Contracting Agency has obtained the below-listed permit(s) for this project. A copy of the permit(s) is attached as an appendix for informational purposes. All contacts with the permitting agency concerning the below-listed permit(s) shall be through the Contracting Agency. The Contractor shall obtain additional permits as necessary. All costs to obtain and comply with additional permits shall be included in the applicable bid items for the work involved.

Name of document	Permitting Agency	Permit Reference #
Joint Permit Application (JPA)	Joint – State of OR & USACE, Portland District	Pending
Dept. of the Army Section 404 Permit	USACE, Portland District	(See JPA – above)
1200C Stormwater Discharge Permit	OR Dept. of Env Quality (DEQ)	Pending
DSL Fill-Removal Permit	OR Dept. of State Lands	(See JPA – above)
Grading Permit	Coos County	Pending
Floodplain Permit	Coos County	Pending

SECTION 00180 – PROSECUTION AND PROGRESS

This section is supplemented with the following:

This project shall be physically completed within *** 65 *** working days.

The contractor shall provide submittals for items including but not limited to:

Submittal	Schedule / Milestone
Construction Schedule	Pre-construction meeting
Site Access Plan	Pre-construction meeting
Environmental Protection Plan	Pre-construction meeting
Water Management Plan	Pre-construction meeting
Erosion & Sed. Control Plan	Pre-construction meeting
N. Bank Lane Traffic Control Plan	8 weeks prior to construction
Culvert Erection Plans	12 weeks prior to construction
Culvert and Foundation System Design Package	12 weeks prior to construction
Culvert System Design Package	12 weeks prior to construction
Product Data/Samples/Certificates for	
Upland Seed Mix/Plants	4 weeks prior to installation
Wetland Seed Mix/Plants	4 weeks prior to installation
Riparian Seed Mix/Plants	4 weeks prior to installation
Native Tree Plants	4 weeks prior to installation
Silt Fence / Erosion Control Materials	2 weeks prior to installation

Streambed Material	6 weeks prior to installation
Wood Habitat Structure Materials	6 weeks prior to installation
Livestake Source	2 weeks prior to installation

PART 00200 – TEMPORARY FEATURES AND APPURTENANCES

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.01(b) Abbreviations - Delete this subsection.

00220.02(a) General Requirements - Add the following bullet(s) to the end of the bullet list:

- Before activating a modified traffic signal, revising lane usage, implementing new roadway geometry, or removing a "STOP" sign, protect traffic by installing "NEW TRAFFIC PATTERN AHEAD" (W23-2) signing according to 00222.40. Keep the signs in place for 30 Calendar Days after completing the modifications.
- When an abrupt edge is created by excavation, protect traffic according to the "Excavation Abrupt Edge" and the "Typical Abrupt Edge Delineation" configurations shown on the Standard Drawings.

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

Comply with Section 00222 of the Standard Specifications modified as follows:

00222.40(e) Temporary Sign Placement - Add the following to the end of the bullet list:

- Place a "PEDESTRIANS ON ROADWAY" (CW11-2) sign, when the TPAR is located on a Roadway or paved Shoulder, at the beginning of each end of the Work Area, facing incoming traffic as shown, or as directed.
- Install a 54-inch "TRUCKS LEAVING HIGHWAY XXXX FT" sign, when construction vehicles are leaving a Roadway, in advance of each entrance point to the Work Area at sign spacing "A" from the "TCD Spacing Table" shown on the Standard Drawings.
- Install a 54-inch "TRUCKS ENTERING HIGHWAY XXXX FT" sign, when construction vehicles are entering a Roadway, in advance of each exit point from the Work Area at sign spacing "A" from the "TCD Spacing Table" shown on the Standard Drawings.
- Install the following warning signs for each new "STOP" sign installed in the intersection. Install a "Stop Ahead" (W3-1) symbol sign approximately 350 feet in advance of the "STOP" sign. Install a "NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately 350 feet in

advance of the "Stop Ahead" sign. Keep the "NEW TRAFFIC PATTERN AHEAD" signs in place 30 Calendar Days after installing the "STOP" sign.

- Install a "NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately 700 feet in advance of East Beaver Hill Road, facing northbound incoming traffic.
- Install a "NEW TRAFFIC PATTERN AHEAD" (W23-2) sign approximately 900 feet in advance of East Beaver Hill Road, facing southbound incoming traffic.
- Keep the "NEW TRAFFIC PATTERN AHEAD" signs in place 30 Calendar Days after installing the diversion traffic setup.

SECTION 00230 – TEMPORARY ROADBED AND SURFACING

Section 00230, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00230.00 Scope - This Work consists of constructing, maintaining, and removing temporary Roadbeds and Surfacing, as shown or directed.

Materials

00230.10 Materials - Furnish Materials meeting the following requirements:

Aggregate Base 00640.10	
Asphalt Concrete Pavement (ACP)	00745.50
Geotextile	02320

00230.11 Earthwork - Furnish Materials required to construct the Roadbed according to Section 00330 and as shown.

Construction

00230.40 Earthwork - Construct temporary embankments and excavation outside the permanent Roadbed according to the applicable parts of Section 00330, except density testing to verify compaction will not be required. Compact the embankment material according to 00330.43(c). Ensure that Earthwork that remains in place as permanent Roadbed meets all requirements of Section 00330.

00230.41 Geotextile - Place embankment geotextile according to Section 00350.

00230.43 Aggregate Base - Place and compact Aggregate Base according to the applicable parts of Section 00640.

00230.44 Asphalt Concrete Pavement - Place ACP to the lines and grade shown or directed. Compact ACP according to 00745.49(d).

Maintenance

00230.60 Surface Maintenance - Maintain temporary surfaces according to 00220.60.

Finishing and Cleaning Up

00230.70 General - When temporary surfaces are no longer needed, do the following:

Remove all related materials.

Restore the area on which the temporary Surfacing and associated Roadbed occupied to the original ground contours, or as directed.

Apply permanent seeding to the area occupied by the temporary Surfacing and associated Roadbed, if required, according to Section 01030.

Dispose of excess materials according to 00330.41(a)(4).

Measurement

00230.80 Measurement - No measurement of quantities will be made for Work performed under this Section. It is estimated that the following approximate quantities of Materials will be required:

Material	Amount
-----------------	---------------

Construct Temporary Roadbed and Surfacing:

Embankment (Imported Granular Backfill).....	1,753 cu. yd.
Excavation.....	80 cu. yd.
Geotextile.....	2000 sq. yd.
Aggregate Base.....	580 ton
Asphalt Concrete Mixture.....	180 ton

Remove Temporary Roadbed and Surfacing:

Embankment.....	40 cu. yd.
Excavation.....	2,104 cu. yd.

Quantities include only those quantities placed or removed outside the permanent Roadbed Neat Line.

Permanent seeding will be measured according to 01030.80.

Payment

00230.90 Payment - The accepted quantities of Work performed under this Section, except for permanent seeding Work, will be paid for at the Contract lump sum amount for the item "Construct and Remove Temporary Roadbed and Surfacing".

Payment will be payment in full for constructing, maintaining, and removing Roadbeds and Surfacing, and for furnishing and placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

Permanent seeding will be paid for according to 01030.90.

SECTION 00245 – TEMPORARY WATER MANAGEMENT

Section 00245, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00245.00 Scope - This work consists of furnishing, installing, operating, maintaining, and removing temporary water management facilities in work areas.

Water management will be required to prevent waters from flowing into and through the grading areas and wood habitat structure installation locations.

00245.02 Definitions:

Temporary Water Management Facility (System) - A facility that conveys water around work areas, removes water from work areas, and treats and discharges water at locations outside work areas.

00245.03 Temporary Water Management Plan - The Work Area Isolation Plan shown in the Plans is a concept. Fourteen (14) Calendar Days before beginning work in regulated work areas, submit working drawings of a Contractor-developed TWMP, according to 00150.35, based on either the OPR concept plan or an independent plan that meets water quality and environmental guideline requirements and does not affect neighboring properties or water rights.

Include at least the following information:

- The sequence and schedule for dewatering and re-watering.
- How work areas will be isolated from the Coquille River.
- How the Leslie Creek flows will be isolated from the culvert removal, floodplain excavation and new culvert and bridge construction.
- How the stream flow will be routed and conveyed around or through the work areas.
- How the culvert removal work areas will be drawn down to assist in excavation and removal of structures.
- How pumped water will be treated before it is discharged downstream.

- Discuss all construction stages.
- A list of on-site backup materials and equipment.
- Calculations of water withdraw pumps capacity.
- Calculations and structural design for sheetpile wall.

The Engineer's written approval shall be received before beginning in-water work.

00245.10 Materials - Furnish materials meeting the following requirements:

Plastic Sheetting	00280.14(a)
Bulk Bags (meter size sandbags)	00280.15(a)
Water Intake Screening	00290.34(c)

Furnish pumps that are:

- Self-priming,
- Equipped with a variable speed governor,
- Equipped with a power source,
- Standby power (backup generator),
- Able to pump water that contains soft and hard solids.

00245.40 Fish Removal - The OPR or ODFW biologists will remove fish and aquatic life from the isolation work areas. The contractor shall allow them access into the isolation work areas before and after installation of the temporary water management facilities and provide pumping as needed to accomplish removal as follows:

- **Before Installation of Facilities** - Before installing temporary water management facilities fish and aquatic life will be removed within the proposed isolated work area.
- **After Installation of Facilities** - After installing temporary water management facilities, the water level will be reduced through the isolated work area. All fish and aquatic life will be removed as the water level is reduced. The isolation area shall not be de-watered until all fish and aquatic life have been removed.
- Installation of the cofferdam shall take place at low tide to minimize fish entrapment.
- Block nets shall be installed at the upstream extents of the project on Leslie Creek and at Leslie Creek's confluence with the Coquille River.

00245.42 Operation - Operate temporary water management as follows:

- Maintain water flow downstream of and through the work area for the duration of the diversion to prevent water from "backing-up" upstream.

- Downstream isolation facilities shall prevent flow from entering the project site as long as the mainstem of the Coquille River remains below elevation 12 feet NAVD88 and shall allow for Leslie Creek to flow out of the project area by gravity or pumped discharge. Other cofferdams shall be sufficiently high to prevent spillover based on conditions at the time of construction. All implemented isolation facilities (coffer dams, sheetpile walls, etc.) shall be inspected daily for adequate function and repaired immediately if needed.

00245.44 Removal - Remove the temporary water management facility and restore flow through the channels as approved by the Engineer.

00245.80 Measurement - No measurement of quantities will be made for temporary water management facilities.

The estimated quantities of materials required for the temporary water management facility are:

Temporary Water Management Facility at outlet channel:

Block Nets	At all times of diversion/exclusion
Plastic Sheeting	As necessary
Sandbags	As necessary

00245.90 Payment - The accepted quantities of temporary water management facilities will be paid for at the Contract lump sum amount for the item Temporary Water Management Facility (System).

Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

No separate or additional payment will be made for designing, maintaining, operating, moving, and removing the facility.

SECTION 00246 – PROTECTION OF PRIVATE UTILITIES

Section 00246, which is not a Standard Specification, is included in this Project by Special Provision.

00246.00 Scope - This work consists of protecting two private utilities: a low hanging electric line, and a water line that services the private residence immediately east of the Project. The approximate locations of these utilities are indicated on the plans.

The contractor is responsible for protecting or temporarily relocating the overhead powerline as needed.

The contractor is responsible for protecting or temporarily relocating the drinking water line as needed. Coordinate with landowner in the field to mark approximate location of buried water line. Pothole carefully along marked water line to locate and flag existing water line for protection. If the water line is buried less than 1 foot below the finish grade elevation it will need to be exposed, temporarily supported and reburied with streambed material. Depending on the current system configuration (depth of burial, total run of pipe, elbow/bends) the pipe may need to be extended to be sufficiently buried under the new

channel bottom. Where the pipe crosses under the new channel alignment, construct 10 -foot by 10-foot by 1-foot thick cap of streambed material over the top of the pipe centered on the channel. The approximate total length of pipe under the excavation area is 450 linear feet. If the pipe is damaged and needs to be repaired or replaced, or if it needs to be modified to provide its existing function across the regraded floodplain, the contractor shall furnish the necessary materials and labor to restore the existing function of the water line.

00245.01 Private Utility Protection Plan – The contractor shall provide a narrative describing how the two private utilities will be protected for the duration of the project. The contractor shall list anticipated material needs and quantities. Contractor shall coordinate with landowner to temporarily shut off utilities as needed.

00245.80 Measurement - No measurement of quantities will be made for protection of private utilities.

00245.90 Payment – Payment for protection of private utilities shall be in full on acceptance of the floodplain work in the vicinity of the utilities after confirmation by the landowner that the utilities continue to function appropriately. Placement of streambed material as specified is incidental to the Private Utility Protection bid item.

SECTION 00250 – ACCESS ROAD CONSTRUCTION AND IMPROVEMENT

DESCRIPTION

Work under this section consists of constructing new temporary work access roads and improving existing private access roads. Use of existing private access roads and construction of new temporary work access roads will be required for construction of the project, including mobilization and demobilization of equipment, machinery, and vehicles, and for haul of excavations to the onsite disposal areas.

New temporary access roads may be required and shall minimize to the extent practicable construction impacts on the existing access road and adjacent areas. Trees removed for temporary access roads shall be used for habitat features.

CONSTRUCTION

Existing Access Roads

Improvements to the existing private access roads shall include raising the road, leveling of the road, placement of gravel to stabilize the roadbed, repair of ruts and erosion, and tree removal if necessary for clearance of off-road haulers. All Contractor-proposed improvements shall be flagged, reviewed, and approved by the OPR before commencement of this work.

Before leaving the site and completion of construction, the Contractor shall restore all existing private access roads. Restoration shall generally return the road to its previous condition and level of use and

may include regrading and removal of ruts, stabilization of roadbed with crushed aggregate, and revegetation with native upland seed mix as described in these Specifications.

Fill above the culvert on the existing private access road shall consist of ODOT SS 00330.15 – Selected Stone Backfill and be capped with a 6-inch-thick crushed rock consisting of material meeting the requirements of ODOT SS 02630.10 – Dense-Graded Aggregate.

New Temporary Access and Bypass Roads

All clearing, grading and other work required for new temporary access roads shall be flagged, reviewed, and approved by the OPR before commencement of this work.

New temporary access roads for the channel excavation, wetland creation, and onsite disposal shall be constructed on an as needed basis only. The actual location shall be the responsibility of the Contractor.

- Temporary roads shall follow the contour of the natural terrain to the extent possible. Longitudinal slopes should not exceed 10 percent.
- All grades should be sufficient to provide drainage but should not exceed 4 percent.
- All cuts and fills shall be 3:1 or flatter to the extent possible.
- Temporary roadbeds shall be no greater than 15 feet wide unless otherwise approved by the OPR.
- Both existing and new temporary roads may require periodic dressing with aggregate. Vegetated or seeded areas adjacent to the roads and parking areas should be checked periodically to ensure that a vigorous stand of vegetation is maintained.

Before leaving the site and completion of construction, the Contractor shall remove and dispose of all new temporary access roads and restore these areas. Restoration shall generally return the site to its previous condition and shall include regrading, 12-inch min. deep-ripping (de-compacting), scarification of surfaces, and revegetation as shown in the Plans and as described in these Specifications.

MEASUREMENT AND PAYMENT

Measurement and Payment will be in full as a lump sum for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals (including gravel and geotextiles, etc.) necessary to complete any new temporary access roads and to complete improved existing work access roads as specified.

PART 00300 – ROADWORK

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications modified as follows:

00310.80 Measurement - Replace the bullet "Length and Area..." with the following bullet:

Length and Area - The length or area of the Structure or item actually removed, will be measured along the line and grade of the Structure or item for each continuous Structure or item removed. Measurement will be on the length or area basis, limited to the Neat Lines shown or directed.

(Asphalt Pavement Sawcutting) (and) (Concrete Sawcutting) will be measured by the linear foot of sawcut, limited to the Neat Lines shown or directed unless otherwise specified. Methods other than sawcutting will not be measured. If the depth is greater than shown, the length will be adjusted by converting to an equivalent number of feet on a proportionate-length basis.

Additional concrete sawcutting beyond what is shown or directed by the Engineer will not be measured.

00310.92 Separate Item Basis -

Replace the Pay Item Asphalt Pavement Sawcutting with the following Pay Item:

Pay Item	Unit of Measurement
(g) Asphalt Pavement Sawcutting, ____ inches Deep	Foot

Replace the paragraph that begins "Item (g) applies..." with the following paragraph:

In item (g), the depth of cutting will be inserted in the blank.

Add the following paragraph to the end of the subsection:

No separate or additional payment will be made when methods other than sawcutting are utilized where sawcutting is shown or directed.

SECTION 00330 - EARTHWORK

Comply with Section 00330 of the Standard Specifications modified as follows:

00330.03 Basis of Performance - Add the following paragraph to the end of this subsection:

Perform all earthwork (North Bank Lane) under this Section on the embankment basis.

00330.42(c)(3) Embankment Slope Protection - Add the following paragraph to the end of this subsection:

Construct the outer 12 inches of embankments with suitable materials to establish slope stabilization through permanent seeding. If suitable material is not available, provide suitable materials from a Contractor-provided source which conforms to the requirements of 00330.11 or 00330.13 and provides favorable conditions for germination of seed and growth of grass.

00330.43(d) Small, Irregular Fill Areas – Replace the paragraph that begins “The density requirements of 00330.43 do not apply...” with the following paragraph:

The density requirements of 00330.43 do not apply to irregular fill areas outside of the travel lanes that have a total volume of no more than 150 cubic yards at each location. Construct these areas according to the following:

SECTION 00332 – PRIVATE ROAD RAISE

Section 00332, which is not a Standard Specification, is included in this Project by Special Provision.

DESCRIPTION

Work under this section consists of placing and compacting materials to raise the elevation of the private access road to the elevation and extents shown in the plans.

MATERIALS

Furnish materials meeting the following requirements:

DENSE-GRADED AGGREGATE 02630.10

GEOSYNTHETICS 02320.10

Anticipated quantities of material required are listed for reference below

3” DENSE GRADED AGGREGATE – 100 CY

¼” DENSE GRADED AGGREGATE – 45 CY

GEOSYNTHETIC – 4800 SF

CONSTRUCTION

Construct the road raise to the elevation and extents shown in the plans according the the requirements of section 00640 and section 00641.

MEASUREMENT AND PAYMENT

Construction of the private road raise will not be measured. All work to furnish all specified materials and construct the private road raise is incidental to the following bid item:

CONSTRUCT PRIVATE ROAD RAISE Lump Sum

Payment will be a lump sum in full for completing the work as shown and as specified.

PART 00500 – BRIDGES

SECTION 00510 - STRUCTURE EXCAVATION AND BACKFILL

Comply with Section 00510 of the Standard Specifications modified as follows:

00510.04(a) Defined Shoring Systems – Replace the sentence that begins “Select Shoring systems...” with the following sentence:

Select Shoring systems for construction from the list of defined Shoring systems provided in Section 16.3.26 of the ODOT GDM.

00510.80(b)(1) Lump Sum - Add the following to the end of this subsection:

The estimated quantity of Structure excavation is:

Location	Structure Excavation (Cubic Yard)
Culvert Footings	650
Cross Ties	65

The estimated quantity of structure excavation for culvert footings is measured along each culvert footing as follows:

Width: width of footing plus one foot outside of footing

Height: Existing ground surface minus bottom of culvert footing

Length: Length of footing plus one foot beyond each end

The estimated quantity of structure excavation for culvert cross ties is measured along each cross tie trench as follows:

Width: Two feet

Depth: Three feet

Length: Length of cross tie between culvert footings

SECTION 00520 - DRIVEN PILES

Comply with Section 00520 of the Standard Specifications modified as follows:

00520.11 Engineer's Estimated Length List - Add the following to the end of this subsection:

The Engineer's estimated lengths of steel piling are:

Location	Number	Length (feet)	Type and Size	Coating Top Elevation ¹	Coating Bottom Elevation ¹
Ftg., Down Station	15	63	HP14x73	None	None
Ftg., Up Station	15	63	HP14x73	None	None

¹ Protective coating system and color requirements according to 00594.10.

00520.13 Test Piles - Add the following to the end of this subsection:

The required test piles are:

Location	No.	Length (Feet)	Type and Size
Ftg., Down Station	1	75	HP 14 x 73
Ftg., Up Station	1	75	HP 14 x 73

The nominal bearing resistance of the two test piles to be determined using dynamic load testing as specified in Section 00520.42(h)(2).

00520.43(d) Reinforced Pile Tips - Add the following sentence to the end of this subsection:

For steel H piling, provide reinforced pile tips meeting the requirements of 02520.10(e).

SECTION 00530 - STEEL REINFORCEMENT FOR CONCRETE

Comply with Section 00530 of the Standard Specifications modified as follows:

00530.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

Concrete Inserts	02513.35
Deformed Bar Reinforcement	02510.10

Deformed Bar Reinforcement (Stainless Steel)	02513.10
Dowels	02510.50
Dowels (Stainless Steel).....	02513.50
Epoxy Coated Reinforcement.....	02510.11
Galvanized Coating	02510.30
Headed Bar Reinforcement	02510.25
Mechanical Splices.....	02510.20
Mechanical Splices (Stainless Steel).....	02513.20
Ties and Supports	02510.60
Ties and Supports (Stainless Steel).....	02513.60
Welded Wire Reinforcement.....	02510.40

00530.41(a) Fabric - Replace this subsection with the following subsection:

00530.41(a) Welded Wire Reinforcement - If welded wire reinforcement is shipped in rolls, straighten it into flat sheets before placing.

00530.41(b) Ties and Supports – Replace the bullet that begins “When stainless steel rebar is specified...” with the following bullet:

When stainless steel reinforcing is specified, use stainless steel ties and supports meeting the requirements of 02513.60.

Delete the bullet that begins “Tie stainless steel reinforcement ...”.

Delete the bullet that begins “Support stainless steel reinforcement...”.

Replace the bullet that begins "Do not allow direct contact between stainless ..." with the following bullet:

Do not allow stainless steel reinforcement to directly contact ASTM A1035 CS reinforcement. Do not allow stainless steel reinforcement or ASTM A1035 CS reinforcement in direct contact with other reinforcement with a different type of metal. When stainless steel or ASTM A1035 CS reinforcing or dowels are located near other reinforcing with a different type of metal, use nylon or polyethylene spacers to maintain a minimum 1 inch clearance between the two metals and bind them with nylon cable ties. Where insufficient space exists to maintain this minimum, either bar may be sleeved with a continuous polyethylene or nylon tube extending at least 1 inch in each direction past the point of closest contact between the two dissimilar bars.

Add the following bullets to the end of the bullet list:

When ASTM A1035 CS reinforcing is specified, use epoxy coated ties and supports meeting the requirements of 02510.60(a).

00530.43 Splicing Welded Wire Fabric – Replace this subsection with the following subsection:

00530.43 Splicing Welded Wire Reinforcement - Overlap sheets of welded wire reinforcement as shown or provide edge and end laps not less than one mesh in width. Securely fasten sheets at the ends and edges according to 00530.41.

00530.80(a) Lump Sum - Add the following to the end of this subsection:

The estimated quantity for uncoated reinforcement in pounds is:

Structure Number	Grade 60	Grade 150
Culvert Footing	8,500	
Culvert Cross Ties		9,000

Culvert Cross ties weight is weight of bar and does not include additional weight for couplers, nuts, and plates.

00530.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of reinforcement will be paid for at the Contract unit price, per unit of measurement, for the following items:

Pay Item	Unit of Measurement
(a) Reinforcement, Grade _____	Lump Sum or Pound
(b) Reinforcement, ASTM A1035 _____	Lump Sum or Pound
(c) Coated Reinforcement, Grade _____	Lump Sum or Pound
(d) Coated Reinforcement, ASTM A1035 _____	Lump Sum or Pound
(e) Stainless Steel Reinforcement, Grade _____	Lump Sum or Pound
(f) Welded Wire Reinforcement, Grade _____	Lump Sum or Pound

In items (a), (c), (e), and (f) the grade of reinforcement will be inserted in the blank.

Payment for Reinforcement, Grade 150 includes furnishing and installing corrosion protection as shown, trenching and backfill, anchor plates, coupler, anchor nuts, grouting, and other miscellaneous items needed to complete the Work.

In items (b) and (d) the ASTM chromium content, "CS", "CM", or "CL" will be inserted in the blank.

Item (a) and (b) include fabricating and placing uncoated reinforcement as specified.

Item (c) and (d) include placing epoxy coated reinforcement as specified.

Item (e) includes fabricating and placing stainless steel reinforcement as specified.

Item (f) includes fabricating and placing welded wire reinforcement as specified.

Payment for reinforcement will be made when the reinforcement is incorporated into the concrete.

Payment will be payment in full for furnishing and placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

No separate or additional payment will be made for clips, wire, separators, wire chairs, or other Material used in fastening the reinforcement in place.

SECTION 00540 - STRUCTURAL CONCRETE

Comply with Section 00540 of the Standard Specifications modified as follows:

Add the following subsection:

00540.10(a) Pigmented Sealer - Furnish a semi-opaque, or opaque, 100% acrylic or acrylic co-polymer resin concrete sealer meeting the following requirements:

Property	Test Method	Requirement
UV Resistance	ASTM D5894	5000 hour exposure
Wind Driven Rain Resistance	ASTM D6904 reference FED TT-P-555B	No visible leaks
Permeance	ASTM E96/E96M or ASTM D1653	Minimum 10 perms
Fungal Growth	FED STD 141	No fungal growth after 21 Days

Provide colors and color samples as shown or directed. Furnish a sealer designated for vertical application when applied to walls. When applied to structures with soffits or overhangs, furnish a sealer that is designated for vertical and overhead application.

00540.17(c) Hardened Concrete – Replace the paragraph that begins “Cast and cure...” with the following paragraph:

Cast and cure test specimens according to AASHTO R 100 in 6 inch x 12 inch or 4 inch x 8 inch, single-use plastic molds and test at 28 Days according to AASHTO T 22.

00540.50(d) Deck Sidewalk and Curb Ramp Finish - Replace this subsection, except for the subsection number and title, with the following:

Finish concrete surfaces on pedestrian facilities including but not limited to sidewalks, curb ramps and pedestrian structures that contain a Pedestrian Accessible Route according to 00759.50.

00540.51(b) Curing Concrete Bridge Decks – Replace the bullet that begins “Maintain a continuous water...” with the following bullet:

Except for HPC(IC), maintain a continuous water cure of the concrete surface for 14 Days. For HPC(IC), maintain a continuous water cure of the concrete surface for 7 Days.

00540.52 Removal of Forms and Falsework, and Subsequent Loading – Replace the paragraph that begins “In determining when to remove ...” with the following paragraph:

In determining when to remove Forms and Falsework, and when to place subsequent loads, the Engineer will consider the Contractor's proposed schedule, the location and character of the

Structure, the weather, and other conditions influencing the setting of the concrete. If appropriate, these operations will be controlled by compressive strength tests of cylinders cast by the Contractor and witnessed by the Engineer. Test the cylinders at a recognized testing laboratory at no additional cost to the Agency. Cast and cure cylinders according to AASHTO R 100 (field cured) which is equivalent to the most unfavorable field conditions for the portions of the concrete which the cylinders represent.

00540.53(d) Concrete Coating – Replace the paragraph that begins “Apply either a concrete paint...” with the following paragraph:

Apply either a concrete paint or a pigmented sealer as shown or specified. Where a Class 1 or Class 2 surface finish is shown, apply a concrete paint unless specified or shown otherwise.

00540.53(d)(2) Penetrating Concrete Stain or Sealer - Replace this subsection with the following subsection:

00540.53(d)(2) Pigmented Sealer - Prepare concrete surfaces and apply 2 coats of the pigmented sealer according to the manufacturer’s recommendations. Follow all recommended curing schedules for newly placed concrete prior to application and for recoat or repair. Monitor and follow all environmental limitations as published by the manufacturer during application, and curing.

00540.80(a)(1) Lump Sum - Add the following to the end of this subsection:

The estimated quantity of concrete is:

Culvert footing

Type and Class	Quantity (Cu. Yd.)
Foundation Concrete, Class 4000	<u>87</u>

SECTION 00595 - REINFORCED CONCRETE BOX CULVERTS

Comply with Section 00595 of the Standard Specifications modified as follows:

00595.00 Scope – Add the following to the end of this subsection:

This Work also consists of constructing precast reinforced concrete culvert sections with arched top slab and integral vertical walls. These precast reinforced concrete structures are also referred to as three-sided Structures and RCBC herein.

This work also includes designing and constructing pre-cast concrete headwalls and wingwalls and their connections to the pre-cast culvert. Design and construct precast headwalls and wingwalls according to this section, including 00595.03 for design and 00595.11 for materials.

This work also includes furnishing and placing separation geotextile and dense graded aggregate for subgrade stabilization as described in section 00331.

00595.43(a) Repair Cracked or Damaged RCBC - Replace the bullet that begins “Cracks 0.01 inch or wider...” with the following bullet:

Cracks 0.01 inch or wider and greater than 12 inches long that do not pass through the wall or slab thickness.

00595.80 Measurement - Add the following to the end of this subsection:

The quantities of precast reinforced concrete wingwalls and headwalls will not be measured.

The quantities of material for subgrade stabilization will not be measured.

00595.90 Payment - Add the following Pay Items:

- (g) Precast Reinforced Concrete WingwallsLump Sum
- (h) Precast Reinforced Concrete HeadwallsLump Sum

All work for subgrade stabilization at the North Bank Lane Crossing is incidental to the Precast Reinforced Concrete Three Sided Structure bid item.

PART 01000 – RIGHT OF WAY DEVELOPMENT AND CONTROL

SECTION 01041 – SALVAGED LOGS

Section 01041, which is not a Standard Specification, is included in this Project by Special Provision.

DESCRIPTION

Work under this section consists of 1) salvaging logs within the work limits, 2) placing salvaged logs in grading area, 3) collecting slash material, as shown on the Plans in accordance with the Plans and these Special Provisions.

MATERIALS

During clearing activities, salvage large logs for reuse in the Wetland Creation areas as floodplain logs. These logs shall have their rootwads intact and be a minimum 16-inch diameter at breast height (DBH). Salvaged logs shall be a minimum of 35 feet and maximum of 50 feet in length from the base of the rootwad to the tip of the trunk.

Logs smaller than 6 to 8 inch DBH shall be salvaged on site during clearing for use as slash in the Wood Habitat Structures. Branches may be with or without bark and shall have a substantial portion of their limbs left intact. Ends and limbs shall not be trimmed as broken ends and limbs are preferred. Branches may be partially hollow and contain cavities as long as they are generally sound and intact.

CONSTRUCTION

Salvaged logs shall be placed per the floodplain logs detail in the plans unless otherwise specified by the OPR.

MEASUREMENT AND PAYMENT

All equipment, labor, and materials required for placement of salvaged logs shall be considered incidental to Clearing and Grubbing. No additional payment shall be made for placement of salvaged logs.

SECTION 01042 – WOOD HABITAT STRUCTURES

Section 01042, which is not a Standard Specification, is included in this Project by Special Provision.

DESCRIPTION

Work under this section consists of handling material on site and placing Wood Habitat Structures along Leslie Creek and in the Wetland Creation areas in accordance with the Plans and these Special Provisions. Wood Habitat Structures are intended to provide cover for aquatic species, generate more persistent, cooler pools scattered over the landscape, and serve as hard points to which the beavers can anchor their dam constructions.

MATERIALS

Large wood materials will be staged on site prior to this contract.

CONSTRUCTION

Wood Habitat Structure Type 1– Channel Spanning Log

Install keyed and pier log members as shown in the plans and as directed in the field by the Engineer. Wherever possible sharpen the end of the log using a chainsaw and drive the log into the soil with an excavator. If driving is not possible, excavate or trench to embed logs. If logs are broken during driving, they shall be replaced with an intact log and reinstalled using excavation. Contractor shall paint embedment marking on each pier log and achieve this embedment through excavation or driving.

Once the structural members are fixed in place weave and pack slash into the voids between and underneath the logs as directed by the engineer.

Excavate to construct a 5-foot long, 3-foot wide, 2-foot deep pool immediately downstream of each channel spanning log structure. Material excavated shall be sidecast and shaped into a smooth 1 to 2 foot high mound on the channel bank south of the excavated pool.

Wood Habitat Structure Type 2– Floodplain Logs

Use salvage or owner supplied wood to construct floodplain logs in the created wetlands areas in the locations shown in the plans. Install keyed and pinned log members as shown in the plans and as directed in the field by the Engineer. Wherever possible sharpen the end of the log using a chainsaw and drive the log into the soil with an excavator. If driving is not possible, excavate or trench to embed logs. If logs are broken during driving, they shall be replaced with an intact log and reinstalled using excavation.

Once the structural members are fixed in place weave and pack slash into the voids between and underneath the logs as directed by the engineer.

Wood Habitat Structure Type 3– Overhanging Tree

Install whole tree and pier log members as shown in the plans and as directed in the field by the Engineer. Wherever possible sharpen the end of the log using a chainsaw and drive the log into the soil with an excavator. If driving is not possible, excavate or trench to embed logs. If logs are broken during driving, they shall be replaced with an intact log and reinstalled using excavation.

Once the structural members are fixed in place weave racking and/or small trees into the voids between and underneath the logs as directed by the engineer.

Wood Habitat Structure Type 4– Spruce Crib

Install crib log pinning members as shown in the plans and as directed in the field by the Engineer. Wherever possible sharpen the end of the log using a chainsaw and drive the log into the soil with an excavator. If driving is not possible, excavate or trench to embed logs. If logs are broken during driving, they shall be replaced with an intact log and reinstalled using excavation. Stack crib logs around the pinning log frame as shown in the plans and fasten with biodegradable rope. Place soil and mulch per Sections 01040.14 and 01040.20 in the interior of constructed frame and plant spruce saplings between elevations 8 and 10 feet NAVD88.

MEASUREMENT AND PAYMENT

Wood Habitat Structures will be measured per each structure (including temporary excavation, pool excavation, furnishing and installing logs and any other materials tabulated in the plans, installing livestakes, and packing/weaving slash into the structure) installed in the project area. Payment will be made in accordance with Section 00190 and Section 00195 of the Standard Specifications for the following items:

“WHS Type 1”, per each

“WHS Type 2”, per each

“WHS Type 3”, per each

“WHS Type 4”, per each

The unit contract price per each for Wood Habitat Structures shall be full pay for handling and installing all materials tabulated in the plans as shown and as specified including excavation, slash installation, and any minor repositioning required for approval by the engineer on site.

SECTION 01069 - METAL HANDRAIL AND PEDESTRIAN FENCE

Comply with Section 01069 of the Standard Specifications modified as follows:

01069.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

	Pay Item	Unit of Measurement
(a)	Metal Handrail, _____ Rail	Foot
(b)	Pedestrian Fence	Each
(c)	Metal Handrail, _____ Rail with Optional Rail	Foot

In item (a), “two” or “three” will be inserted in the blank.

In item (c) “two” or “three” will be inserted in the blank. Item (c) also includes the additional optional bottom rail.

Payment will be payment in full for furnishing and placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

PART 02000 – MATERIALS

SECTION 02050 – CURING MATERIALS

Comply with Section 02050 of the Standard Specifications modified as follows:

02050.10 Liquid Compounds – Replace the paragraph that begins “Furnish liquid membrane-forming curing ...” with the following:

Furnish liquid membrane-forming curing compounds from the QPL and meeting the requirements of ASTM C309. Before use, submit two, one quart samples from each lot for testing. Samples will be tested according to ODOT TM 721. Samples are not required for curing compounds used on Commercial Grade Concrete.

SECTION 02510 - REINFORCEMENT

Comply with Section 02510 of the Standard Specifications modified as follows:

02510.11(c) Coated Reinforcement Ties and Supports - Delete this subsection.

02510.11(d) Epoxy Coating Repair - Delete this subsection.

02510.30(d) Ties and Support - Delete this subsection.

02510.60 Wire Reinforcement - Replace this subsection with the following subsection:

02510.60 Ties and Supports - Provide tie wire and supports according to *CRSI Manual of Standard Practice*.

(a) Coated Reinforcement Ties and Supports – Provide nonmetallic coated ties and supports for coated reinforcement, including ties for coated-to-uncoated reinforcement connections.

(b) Uncoated Reinforcement Ties and Supports - Tie all mats of galvanized steel bars with galvanized ties. Provide precast concrete blocks with galvanized ties that support galvanized reinforcement.

SECTION 02630 – BASE AGGREGATE

Comply with Section 02630 of the Standard Specifications modified as follows:

02630.11(a) Grading – Replace this subsection, except for the subsection number and title, with the following:

Provide open-graded Aggregate meeting the following grading requirements:

Table 02630-2

Aggregate Gradation for Open-Graded Aggregate

Percent Passing	
Sieve Size	(by Weight)
1"	100
3/4"	80 - 98
1/2"	60 - 85
3/8"	30 - 45
No. 1000 - 6 (Dry Sieve)	

02630.11(b) Fracture of Rounded Rock – Replace this subsection, except for the subsection number and title, with the following:

Determine fracture of rounded Rock according to AASHTO T 335. Provide Open-graded Aggregate meeting the following fracture requirements:

Percentage of Fracture (by Weight)

Material Retained on 3/4", 1/2", and 1/4" Sieves (two fractured faces) 90

6 DRAWINGS

The following drawings were developed for the Project design and are part of the Contract Documents:

- Beaver Hill Wetland Restoration Project drawing set dated 02/09/2026 developed by Wolf Water Resources, Inc. (33 sheets)

Beaver Hill Wetland Design Plans:

https://drive.google.com/drive/u/0/folders/1c4jwUeQA6bB_08zKZbLruWWFSezn_KIY

7 PROPOSAL REVIEW RUBRIC



*Promoting Natural Resource Conservation and
Economic Stability in the Coquille Watershed*

BEAVER HILL WETLAND RESERVE RESTORATION PROJECT PROPOSAL REVIEW RUBRIC

CoqWA will evaluate the responses to competitive requests for proposals (RFP) using the scoring system described below to identify the Contractor(s) considered to be of best overall value and most likely to succeed in a strong, cost-effective, productive working relationship with CoqWA. The successful Contractor(s) will be the one that possesses the skills necessary for the services describes in the RFP and offers a cohesive team with recent experience on similar projects.

Proposal Evaluation Committee

The committee will consist of at least three individuals that may include the CoqWA Executive Director, CoqWA Restoration Program Coordinator, Wolf Water Resources Engineer(s), Coos County Roadmaster, ODFW biologist, Bureau of Land Management biologist, private landowners involved with the project., and/or other technical partners. Bid evaluation committee members will write in justification for points in each section of the Bid Review Rubric where appropriate.

Award Notice

CoqWA reserves the right, at its sole discretion, to reject any responses received and cancel this RFP. After reviewing the bid evaluation scores and further discussion amongst the bid evaluation committee, the Contractor who best fits the project's needs in combination with the highest-ranking score will be given a tentative award. CoqWA and the selected Contractor will enter into contract negotiations. Contract negotiations will be directed towards obtaining written agreement on the Contractor's tasks, staffing, performance schedule, and a maximum not-to-exceed price, which is consistent with the Contractor's bid proposal, and fair and reasonable to CoqWA, considering the estimated value, scope, complexity, and nature of the services.



Promoting Natural Resource Conservation and Economic Stability in the Coquille Watershed

PROPOSAL REVIEW RUBRIC

Project Name: BEAVER HILL WETLAND RESERVE RESTORATION

Date:

Evaluators:

Scoring System

A 40-point scoring system will be utilized as follows: with a ranking category for each subsection from 0-5 where 0=not provided, 1=unacceptable, 2=needs improvement, 3=acceptable, 4=exceeds requirements, 5=exceptional.

	Rating	Comments
Experience with projects and services similar to this RFP		
Capacity (Capital, Equipment, Crew)		
Project work plan accomplishes project objectives and within the stated timeline		
Personnel proposed for project		
Proposed scope adheres to regulatory permit conditions and specs		
References comments on quality of work		



Promoting Natural Resource Conservation and Economic Stability in the Coquille Watershed

Work Plan Addresses Plan for communication and coordination between contractor and CoqWA.		
Bid price		
Total		

Comments