

REQUEST FOR BIDS FOR RUSSEL CREEK CULVERT REPLACEMENT PROJECT



Requested by: Emily Kolkemo



390 N. Central Blvd
Coquille, OR 97423

Published February 11, 2026

Request for Bids for Russel Creek Culvert Replacement Project

Bidders shall submit their bid pursuant to the provisions of this solicitation as a single PDF document via email to:

Emily Kolkemo
ekolkemo@coquillewatershed.org
Subject line: Russel Creek Culvert Replacement Bid

MANDATORY PRE-BID SITE VISIT **February 27, 2026 10 AM** at CoqWA office:

390 N Central Blvd, Coquille, OR 97423

Please RSVP to the site visit no later than 4 PM on February 26, 2026.

SOLICITATION CLOSING **March 16, 2026 at 4:00 PM** **(LATE BIDS WILL NOT BE ACCEPTED)**

Bidders are solely responsible for ensuring that the Coquille Watershed Association (CoqWA) receives the proposal. Bidders shall familiarize themselves with this entire Bid Document.

This Bid document, engineering designs, and technical specs are available for request by email
(ekolkemo@coquillewatershed.org)

All questions and comments about this solicitation shall be directed IN WRITING to Emily Kolkemo, CoqWA Restoration Project Manager, Email to: ekolkemo@coquillewatershed.org

INVITATION TO BID

Notice is hereby given pursuant to this Request for Bids (“RFB”) that sealed bids (a “Bid”) are requested for the Russel Creek Culvert Replacement Project (“Project”). Funds are provided by the Bureau of Land Management and administered by the Oregon Watershed Enhancement Board to maintain vehicular access and help restore fish passage within Russel Creek, located in the Dement Creek subbasin.

Work is expected to start June 2026 through September 2026, with all instream work completed within the In-Water Work Period (IWWP) from **July 1-September 15, 2026**. Extensions to the IWWP are not guaranteed. The contract documents (including designs and special contract requirements) are available online at www.coquillewatershed.org/join-us/contracting-opportunities or requested via email: ekolkemo@coquillewatershed.org. Those receiving this RFB who wish to submit a Bid (in each case, a “Bidder”) shall furnish labor, materials and equipment necessary for completion of work in accordance with the specifications provided herein.

Deadline, no later than **4:00 p.m., March 16, 2026**. Bids received after this date and time will not be considered. Bid shall be emailed to Emily Kolkemo, CoqWA Restoration Project Manager, ekolkemo@coquillewatershed.org.

Included in this Request for Bids (RFB) is:

Exhibit A: Bid Prospectus that includes project background, scope of work, requirements for Bidders, and proposal instructions (required bid/proposal forms are included as separate documents)

Exhibit B: Project Maps

Exhibit C: Project Photos

Exhibit D: Bid Form

Exhibit E: Engineering Designs

Exhibit A: BID PROSPECTUS

LOCATION: The project site is located in Coos County, Oregon, Township 30 South, Range 12 West Section 19 (Latitude: 42.9519, Longitude: -124.1633), approximately 10.3 miles south of the town of Myrtle Point. The project site is at milepost 0.4 on Road 30-12-19.1 (Eckley Mountain Rd), accessed from milepost 4.9 of Dement Creek Road, off the Powers Highway (542 HWY). **See project maps in Exhibit B for locations.**

MANDATORY SITE TOUR: February 27, 2026. RSVP by 4 PM on February 26, 2026. Tour will start at the Coquille Watershed Association office (downstairs) at 10 AM at 390 N. Central Blvd, Coquille Oregon.

BID DEADLINE: March 16, 2026 at 4 PM

ESTIMATED START DATE: June 15, 2026

PROJECT COMPLETE: September 30, 2026

PROJECT BACKGROUND

The purpose of the Russel Creek Culvert Replacement project is to replace an undersized culvert on Russel Creek, a major tributary to Dement Creek (South Fork Coquille River) located in Coos County, Oregon, that is in danger of major failure and is threatening fish and aquatic species' passage, habitat availability, and water quality. The road at the culvert crossing also serves as vital access for residents and commercial forestry operations, which is currently limited to small vehicle passage due to road slumping caused by the damaged culvert. The project area is occupied and designated as critical habitat for the ESA-listed Oregon Coast coho salmon contains important spawning and rearing areas for coho salmon, steelhead, cutthroat and Pacific lamprey. Additionally, the South Fork and its tributaries are the source watershed for drinking water of the city of Coquille, Oregon.

The Coquille Watershed Association (CoqWA) and BLM propose to replace the failing culvert on BLM-managed section of Road 30-12-19.1 at Russel Creek during the 2026 in-water work period. The project will ensure that riparian and aquatic habitats are protected for native species, while other beneficial uses, such as vehicular access, are maintained for residents and forestry operations. The goal of the project is to improve fish passage and secure 0.2 miles of spawning and rearing habitat upstream of the failing culvert on the BLM managed section of Road 30-12-19.1 at Russel Creek. Project actions include: 1) Replace 1 current culvert on Russel Creek with one that is upsized to a diameter of approximately 24 feet and 86 feet in length, built at 1.5 times bankful width.

SCOPE OF WORK:

The Proposal will require the contractor to perform construction necessary to replace one culvert at the crossing of Russel Creek and Road 30-12-19.1, as supported by engineering designs and technical specifications from the Bureau of Land Management–Coos Bay District. The contractor will work closely with the Coquille Watershed Association (CoqWA) Project Manager, BLM Fish Biologist, and the BLM Engineer to ensure construction actions adequately follow engineered designs/technical specifications and are compliant with federal and state permit requirements.

This project is planned to be implemented June 15, 2026 and completed by September 30, 2026. Contractors are required to propose a work schedule that meets all of the project objectives and fits within this timeline. The contractor shall furnish all labor, materials, equipment, tools, transportation, and supplies and shall perform all work required to complete the project as shown on the plans, manufacturer's shop drawings, and as described in the Standard Specifications (FP-24). The following objectives will be met and included with cost estimates in the bidding (see Exhibit E – Engineering Designs & Tech Specs for more details):

Objective 1) Culvert de-loading, mobilization, installation of temporary erosion control measures, clearing and grubbing around the culvert, and construction survey and staking as necessary to complete project actions and in accordance with project designs and special contract requirements (tech specs). The Contractor will be responsible for the purchase and delivery of all materials for the replacement of the culvert, EXCEPT fabrication and delivery of the culvert itself. Contractor shall be responsible for coordinating with culvert vendor and offloading culvert from delivery truck. Road 30-12-19.1 may be closed no earlier than June 15, 2026.

Objective 2) Culvert removal and upgraded culvert installation within the 2026 IWWP (July 1-September 15, 2026) at Road 30-12-19.1, as described in engineering designs and in consultation with the onsite BLM engineer. The culvert is currently 10 feet in diameter and 60 feet long. The new culvert will be a galvanized, multi-plate arch culvert upsized to 24-foot span by 12-foot rise and 86 feet long. Work will include, but is not limited to: Dewatering and construction of a temporary stream diversion, roadway excavation and embankment, MSE retaining walls (contractor will need to closely adhere to the manufacturer's specifications, and may consider hiring a subcontractor who can also provide retaining wall stamp), existing culvert removal and disposal, stamped structural concrete foundation, culvert installation, placement of bedding and surface aggregate, and seeding the new culvert interior with river-run rock and riprap embedment mix in accordance with project designs and special contract requirements (tech specs).

Objective 3) Gate installation, cleanup, and demobilization in accordance with project designs and special contract requirements (tech specs). Excavated material from temporary stockpile will be hauled to the waste site and a farm gate replaced with a new double gate. Cleanup will include seeding and mulching disturbed areas. Coos Bay BLM will furnish a native grass seed mix in sufficient quantity for the project site. Weed-free straw or mulched wood chips from clearing vegetation may be used to cover grass seed. All waste must be legally removed from the project site and organic waste placed at the staging areas pointed out in project designs.

BUILD AMERICA BUY AMERICA ACT

On November 15, 2021, the Infrastructure Investment and Jobs Act (“IIJA”) was signed into law, Pub. L. No. 117-58, which includes the Build America, Buy America Act (“the Act”). Pub. L. No. 117-58, §§ 70901-52. The Act requires that, no later than May 14, 2022, the head of each covered Federal agency shall ensure that “none of the funds made available for a Federal financial assistance program for infrastructure, including each deficient program, may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States.” By May 14, 2022, agencies must ensure that all applicable programs comply with section 70914 of the Act, including by the incorporation of a Buy America preference in the

terms and conditions of each award with an infrastructure project.

EQUIPMENT CHOICE, STAGING and CLEANING

Heavy equipment will be commensurate with the project and operated in a manner that minimizes adverse effects to the environment and cultural resources (e.g., minimally-sized, low pressure tires, minimal hard turn paths for tracked vehicles).

- A.** All equipment used for work will be cleaned for petroleum accumulations, dirt, plant material (to prevent the spread of noxious weeds), and leaks repaired prior to entering the project area. Such equipment includes large machinery, stationary power equipment (e.g., generators, canes), and gas powered equipment with tanks larger than five gallons.
- B.** Store and fuel equipment on existing gravel roads after daily use.
- C.** Inspect daily for fluid leaks before leaving the vehicle staging area for operation.
- D.** Thoroughly clean equipment before operation below ordinary high water or within 50 feet of any natural water body or areas that drain directly to streams or wetlands and as often as necessary during operation to remain grease free.

SITE ACCESS

Minimize the number of temporary access roads and travel paths to lessen soil disturbance and compaction and impacts to vegetation. Access sites must be de-compacted, seeded, and mulched before departure.

FIRE RESTRICTIONS

The Contractor shall know and adhere to all fire rules and restrictions that apply to the project area, during implementation of the project. Contractor shall provide adequate tools and equipment to meet fire restriction requirements. Contractor shall be in default of contract should project be delayed for lack of required fire equipment preventing work that could have otherwise been completed.

SPILL PLAN

The Contractor shall have and be ready to deploy a spill kit in response to any leaks/ spills of petroleum products or other contaminants. A spill plan will be provided, but spill kits must be provided by the Contractor. If equipment is found to be leaking during project work, all activity shall immediately cease until mechanical issues are addressed.

INADVERTENT DISCOVERY PLAN

An Inadvertent Discovery Plan (IDP) will be provided for directions in case of uncovering cultural resources during ground disturbing activities. Prior to commencing work, a meeting with the Project Manager must occur to overview the IDP protocols. The IDP will also be attached as an exhibit within the contract.

EXAMINATION OF SITE, BID DOCUMENTS, PERMITS, ETC.

Before submitting a Bid, each Bidder shall be responsible for: (i) becoming fully acquainted with the site and the conditions relating to the work, in order to understand fully the facilities, difficulties, and restrictions attending the execution of the Work; (ii) carefully examining each component of the Bid Documents and any other available supporting data, in order to become

thoroughly familiar with all of the requirements; and (iii) obtaining for itself, at its own cost and expense, copies of all agency and association guidelines and standards cited in the proposed Contract and necessary to perform the Work. No failure or omission of any Bidder to receive or examine any such information or to visit the Site and become acquainted with the conditions existing at the Site shall in any way relieve such Bidder from obligations with respect to its Bid, any Contract entered into with such Bidder, or the Work, and the submission of a Bid shall be taken as *prima facie* evidence of compliance by the submitting Bidder with the requirements of this paragraph.

SELECTION AND EVALUATION CRITERIA

Bids will be evaluated by a Selection Committee that, after a review of written proposals, may choose to also conduct a personal interview. Selection Committee may include CoqWA Director/Executive Board President, CoqWA Restoration Program Coordinator, CoqWA Restoration Project Manager, BLM Fish Biologist and/or BLM Engineer. Bid evaluation will be based on the ability of the Bidder to meet the specifications for the tasks described in this RFB in a timely fashion. Selection will also be based on the ability of the Bidder to work in a cooperative manner with CoqWA staff and project partners on the Project. CoqWA will generally not disclose the status of any award until the appropriate authority at CoqWA has approved the award of a Contract. Normally, the awarding of a Contract or Bid rejection will occur within 10 calendar days after Bid opening. If the selected Bidder and CoqWA agree, this deadline may be extended, but CoqWA reserves the right: (i) to award multiple Contracts for parts of the Work; (ii) to consider such criteria as it may deem appropriate with respect to the Project; (iii) to reject any or all Bids; and/or (iv) not to proceed with the Work and/or the Project (or any part thereof); all in the exercise of its sole and absolute discretion. CoqWA will provide a written notice of its intent to award a Contract to the successful Bidder(s) (in each case, a “Notice of Intent to Award Contract”), and any submittals required to be submitted to CoqWA within a certain number of days after award is made will count from the day that the Notice of Intent to Award Contract is given. The actual award shall, however, be dependent on full execution of the Contract(s) and submission by the successful Bidder(s) of all other required documents.

EVIDENCE OF RESPONSIBILITY

Upon the request of CoqWA, a Bidder whose Bid is under consideration for the award of a Contract shall submit promptly to CoqWA satisfactory evidence showing the Bidder’s financial resources, construction experience, and organization available for the performance of the Work.

RIGHT TO AWARD OR REJECT

This RFB does not obligate CoqWA to award a contract, CoqWA reserves the right to reject any and all bids and to further amend or refine a proposal and negotiate a contract with one of the proposers. CoqWA reserves the right to offer a contract to other than the lowest cost bidder based on other evaluation criteria.

CONTRACT REQUIREMENTS

It is the desire of CoqWA to enter into a contract that includes all of the services necessary to achieve the goal of the project, whether or not those services are specifically outlined or described in this RFB. This project includes federal funds, therefore the selected firm must be able to comply

with any specific federal provisions and regulations that may apply to such a federally funded contract and may be required to sign certain assurances related to applicable federal or state laws.

WAIVER OF INFORMALITIES

CoqWA reserves the right to waive minor informalities contained in Bids, when in sole judgment; it is in the best interest of CoqWA to do so. CoqWA reserves the right to waive minor informalities in the Bids received. CoqWA may also reject any Bid not in compliance with all prescribed requirements, including requirement to demonstrate Bidder's responsibility and may reject for good cause any or all Bids upon a finding by CoqWA that it is in the public interest to do so, in accordance with OAR 137-049-0440.

BID ERRORS AND WITHDRAW

A Bidder may withdraw its Bid at any time prior to the date and time that Bids are due, by means of written notice which is given to CoqWA before the date and time that Bids are due, at the address for submission of Bids which is given above. A Bidder may also modify and/or resubmit its Bid at any time prior to the date and time that Bids are due.

BIDDERS INTERESTED IN MORE THAN ONE BID

No person, firm, or corporation shall be allowed to make, file, or be interested in more than one Bid for the Work. However, a person, firm, or corporation which has submitted a sub-proposal to a Bidder, or which has quoted prices of materials to a Bidder, is not thereby disqualified from submitting a sub- proposal or quoting prices to other Bidders or making its own Bid.

COSTS INCURRED

CoqWA accepts no liability for any costs incurred by respondents in the preparation or presentation of Bids.

INQUIRIES

Questions concerning this Request for Bids should be directed in writing to: Emily Kolkemo, CoqWA Restoration Project Manager, ekolkemo@coquillewatershed.org.

Each Bidder shall promptly notify CoqWA of any discovered conflicts, ambiguities, or discrepancies in or between, or omissions from, the Bid Documents. Bidders should note that questions received after the question submittal deadline may not be answered. A Proposal Review Rubric is available upon request. Any interpretation or correction of the Bid Documents will be made only by Addendum, and a copy of such Addendum will be sent directly to each Bidder. No oral interpretations of any provision in the Bid Documents will be made to any Bidder.

MILESTONES

| | |
|--|-------------------|
| Bid publishing date: | February 11, 2026 |
| Mandatory pre-bid site visit: | February 27, 2026 |
| All questions related to bid are due by email: | March 5, 2026 |
| Bid due date: | March 16, 2026 |

| | |
|--|--------------------|
| Anticipated opening of Bids: | March 17, 2026 |
| Contract award by: | March 24, 2026 |
| Successful Bidder(s) to provide contract/all paperwork to CoqWA: | March 31, 2026 |
| Site visit with selected contractor and technical advisory team: | TBD |
| Estimated Start date: | June 15, 2026 |
| Completion date: | September 15, 2026 |

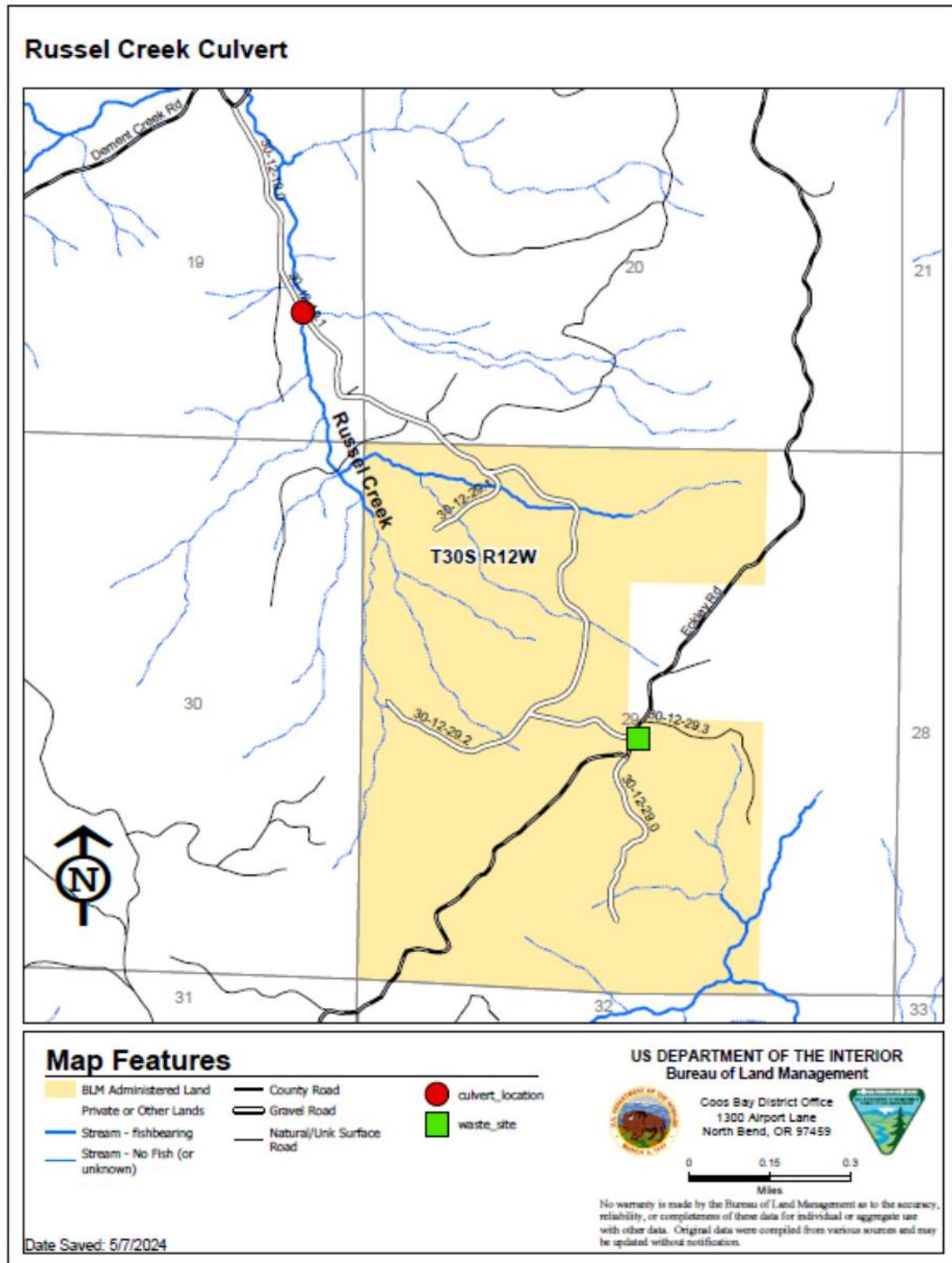
BID PROPOSAL INSTRUCTIONS: Bids must be received on or before 4 p.m., March 16, 2026: Bids shall be emailed to Emily Kolkemo, CoqWA Restoration Project Manager, ekolkemo@coquillewatershed.org

Proposals shall include, at a minimum, the following items:

- A. Bid Form (included as a separate document).
- B. Please provide a work plan to accomplish the Project goals and objectives as described in the RFB. The work plan shall include the following sections:
 - a. A Summary of Work to Accomplish Objectives
 - b. Timeline
 - c. Equipment
 - d. Personnel to be assigned (where possible, individual staff members and titles should be provided), and costs, taking into account the proposed timeline for completion of the Work indicated in the RFB.
 - e. Insurance Certificate
 - f. Other Information
- C. A signed statement that you can and shall provide the Insurance and Performance Bond requirement as listed.
- D. A written statement affirming your ability to undertake and complete specific phases of this work in a timely fashion from June 15, 2026 to September 30, 2026.

Bids must not contain any erasures, interlineations, or other corrections unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the Bid, in the named person's own handwriting. In order for a Bid to be considered responsive, it must contain all of the documents and information which are required by this RFB, with signatures as indicated, and it must: (i) cover the complete scope of work as defined in the RFB; (ii) not include any exclusions or qualifications and (iii) include additive, alternate, unit and lump sum costs as listed on the bid forms. Bid prices must (where applicable) be free on board at the site, with all transportation and handling charges paid by the Bidder.

Exhibit B – Project Maps



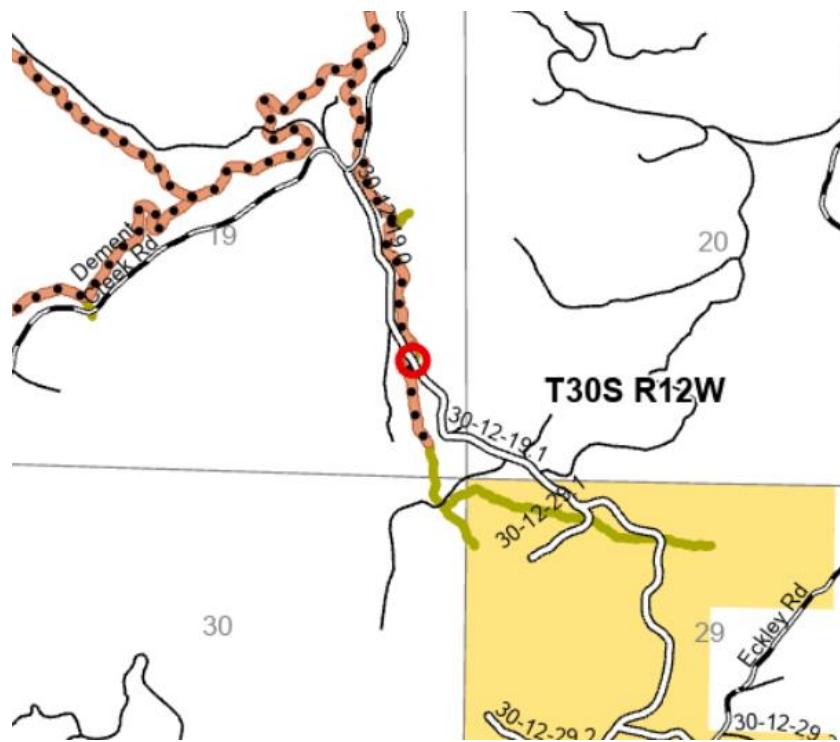
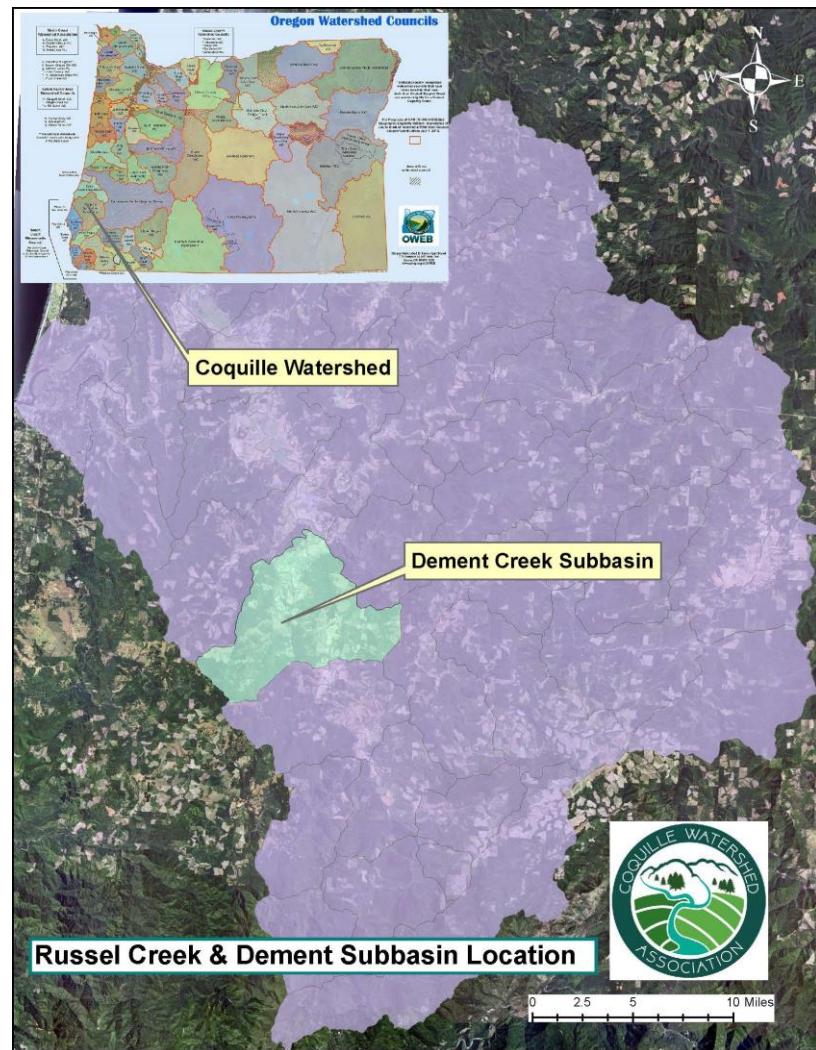


Exhibit C – Project Photos



Figure 1) Culvert inlet looking downstream.



Figure 2) Culvert outlet looking upstream.



Figure 3) Roadbed at outlet/downstream.



Figure 4) Roadbed near inlet.

Exhibit D: BID FORM

Request for Bids for Russel Creek Culvert Replacement Project

Coquille Watershed Association
Attn: Emily Kolkemo
390 N. Central Blvd.,
Coquille OR 97423
ekolkemo@coquillewatershed.org

This Bid is being made to The Coquille Watershed Association, a State of Oregon non-profit corporation (“CoqWA” or “Owner”) in the form of a sealed Bid (the “Bid”) with respect to the project known as the “Russel Creek Culvert Replacement Project (the “Project”), located in Coos County, Oregon (the “Site”). The undersigned (“Bidder”) is making this Bid pursuant to the terms of the Request for Bids for the Project (the “RFB”), a copy of which was supplied to Bidder by or on behalf of CoqWA and has been reviewed in its entirety by Bidder. The RFB and all of the documentation required of a potential bidder on the Project under the terms of the RFB are sometimes hereinafter referred to collectively as the “Bid Documents”.

Name of Bidder: _____

Business License Number: _____ Federal Tax Id No: _____

Contact Person(s): _____

Place of Residence (if individual): _____

State of Incorporation/Formalization (for entities): _____

Business Mailing Address: _____

Shipping Address (if different): _____

Telephone Number: _____ Fax Number: _____

Email: _____

Pursuant to and in compliance with the RFB, the undersigned Bidder, having become familiar with the conditions at the Site and otherwise affecting the performance of the Project; the cost of the work to be done in carrying out the Project (collectively, the “Work”); the terms of the Bid Documents; and the form of the Contract to be awarded to the successful bidder (the “Contract”); hereby proposes and agrees to perform the Work within the time stipulated in the Bid Documents and to provide and furnish any and all labor, materials, equipment, transportation, utilities, and services necessary to perform and complete the Work in a workmanlike manner and in strict conformity with the requirements contained in the Bid Documents, including any addenda referenced below, for the amount(s) and/or at the rates indicated below (collectively, the “Bid Price”).

By signing and submitting this Bid to CoqWA, Bidder hereby represents, warrants, acknowledges, and agrees to and with CoqWA, or certifies to CoqWA (as applicable), as follows:

1. Bid. Bidder hereby offers to carry out and complete the Work for the Bid Price, made up of the price(s) and/or rates, and according to the budget, which are more particularly described in Schedule 1 to this Bid, and Bidder has checked all of the figures contained in this Bid carefully and understands that CoqWA will not be responsible for any errors or omissions on the part of Bidder in making this Bid.

2. Quantities. Bidder understands that the quantities mentioned in the RFB are approximate only and are subject to increase or decrease, and hereby proposes to perform all quantities of work as either increased or decreased in accordance with the terms of the Contract.

3. Bid to Remain Open. This Bid, unless withdrawn prior to the scheduled closing time for receipt of Bids, or thereafter when permitted under the terms of the RFB, shall remain valid and will not be withdrawn by the undersigned Bidder for a period of thirty (30) days after the scheduled closing time for receipt of Bids.

4. Responses to CoqWA Concerns. Bidder hereby responds to CoqWA's concerns about the following issues as indicated below, with such responses being continued/contained on attached schedules to the extent indicated below in each case:

(a) Minority- and Women- Owned Business Enterprises. Is the Bidder's firm at least 51% minority- or women-owned, controlled and operated: Yes No

If the answer is "yes", identify the % of minority- or women-ownership, control and operation:

5. License(s). By execution of this Bid, the undersigned Bidder declares that Bidder holds the following license(s) relevant to the Work, in accordance with the applicable licensing laws where the Project is to take place, as follows:

Classification: _____

License number: _____

Expiration date: _____

6. Interested Persons. The names of all persons interested in this Bid as principals are as follows:

If Bidder or another interested person is a corporation, state the legal name of the corporation, its state of incorporation, and the names of the president, secretary, treasurer, and manager thereof.

If Bidder or another interested person is a partnership or other form of legal entity, state the name and form of the entity, its state of formation, and the names of all the individual partners, members, joint venturers or others with an interest in the entity.

If Bidder or another interested person is an individual, the person's state of legal residence, and the first and last names in full, and give all fictitious names under which the individual does business.

7. Notices. Bidder understands that, except as noted below, notice of acceptance of this Bid, any requests for additional information, and any other notices to Bidder with respect to this Bid shall be given in writing and addressed to Bidder at the business address for Bidder which is set out above. Each such

notice or request shall be deemed given either upon actual delivery (or attempted delivery) to such address (whether personally or via courier), or three calendar days after being placed in the US mail, postage prepaid, addressed to Bidder at such address. However, Bidder understands that CoqWA may, if it chooses, elect to respond by email to questions from Bidder, at the email address provided in this Bid.

8. **Attachments.** Attached to these Bid cover pages and incorporated into this Bid by this reference are the following required items, in the forms required under the RFB:

- (a) Schedule 1** – Bid Price sheet with the details of the Bid Price (an Excel spread sheet may be used instead of the form provided);
- (b) Schedule 2** – List of references for similar projects completed;
- (c) Schedule 3** – List of proposed subcontractors and suppliers;
- (d) Schedule 4** – Insurance and Performance Bond requirements

9. **Requirements Upon Award.** If this Bid is accepted by CoqWA and notice of such acceptance is timely delivered to the undersigned, then the undersigned shall, within ten (10) days after receipt of such notice, execute and deliver to CoqWA:

- (a) the Contract, in the form required under the RFB, as prepared by CoqWA;
- (b) the insurance certificates required under the RFB and the Contract; and
- (c) such other documentation as may be required under the Contract.

Thereafter, the undersigned will commence and complete the Work within the time required by the Contract.

10. **Bidder's Acknowledgment, Certification, and Agreement as to its Bid.** By submitting this Bid, Bidder shall be deemed to acknowledge, certify, and agree to and with CoqWA that Bidder:

- (a) has taken steps reasonably necessary to ascertain the nature of and location of the Work;
- (b) has investigated and satisfied itself as to the general and local conditions that can affect the Work or its cost, including but not limited to:
 - (1) conditions bearing upon acquisitions, transportation, disposal, handling, and storage of materials;
 - (2) the availability of labor, materials, water, electric power, and access via roads or waterway;
 - (3) uncertainties of weather, river stages, tides, or similar physical conditions at the Site;
 - (4) the conformation and condition of the ground and any shoreline or riparian area;
 - (5) the character of equipment and facilities needed preliminary to and during Work performance; and
 - (5) the Site's biological, chemical, and associated physical hazards;
- (c) has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered, insofar as this information is reasonably ascertainable from an inspection of the Site as well as from the Bid Documents and other information made a part of the RFB; and
- (d) has satisfied itself as to the adequacy of time allowed for the completion of the Work.

11. Addenda. Bidder has received, reviewed, and understands, the following Addenda to the original Bid Documents (list all Addendums associated with this Bid packet):

| Addendum Number | Date of Addendum |
|-----------------|------------------|
| | |
| | |
| | |

In witness whereof, this Bid is being executed and delivered by Bidder as of the date(s) set forth below

If Bidder consists of or includes one or more corporations, partnerships, or other forms of legal entity, the full legal name of the entity shall be set forth in the signature block below, together with the signature(s) of the officers, partners, or other individuals authorized to sign contracts on behalf of and to bind the entity.

By: _____
(Signature)

Print Name: _____

Print Title: _____

Print Date: _____

If Bidder consists of or includes one or more individuals, the following form of signature block is to be used for each of such individuals:

Signature: _____

Print Name: _____

Print Date: _____

Schedule 1

Bid Price Sheet: Please provide cost estimates for each Pay item. A total cost estimate is required. If more line items are needed, please attach a budget with breakdowns for each cost.

| EST. PAY ITEM | DESCRIPTION | UNIT QUAN. | UNIT | PRICE | TOTAL |
|------------------|-------------------------------------|---------------|------|----------|----------|
| 15101 | Mobilization | 1 | LS | \$ _____ | \$ _____ |
| 20101 | Clearing & Grubbing | 1 | LS | \$ _____ | \$ _____ |
| 20401 | Excavation & Embankment | 1 | LS | \$ _____ | \$ _____ |
| 20402 | Granular Backfill | 1033 | TN | \$ _____ | \$ _____ |
| 20403 | Imported Borrow | 150 (EST) | CY | \$ _____ | \$ _____ |
| 25101 | Class 3 Riprap – Slope Protection | 60 (EST) | TN | \$ _____ | \$ _____ |
| 25102 | Class 3 Riprap – Embedment | 58 (EST) | TN | \$ _____ | \$ _____ |
| 25103 | Class 3 Riprap – Channel Protection | 20 (EST) | TN | \$ _____ | \$ _____ |
| 25104 | Class 3 Riprap – Scour Protection | 360 (EST) | TN | \$ _____ | \$ _____ |
| 25501 | MSE Retaining Walls, including | | | | |
| | Stamped Shop Drawing or Design | 1 | LS | \$ _____ | \$ _____ |
| 25502 | 3" - 6" Granular Rock | 10 (EST) | TN | \$ _____ | \$ _____ |
| 30201 | 3/4"-0" Crushed Aggregate-Surface | 83 (EST) | TN | \$ _____ | \$ _____ |
| 30202 | 1-1/2"-0" Crushed Aggregate-Bedding | 28 (EST) | TN | \$ _____ | \$ _____ |
| 55201 | Concrete Foundation including | | | | |
| | Stamped Shop Drawing | 90 (EST) | CY | \$ _____ | \$ _____ |
| 55202 | Grout | 50 (EST) | CF | \$ _____ | \$ _____ |
| 60301 | Unload, Assemble, Install 24'-0" | | | | |
| | x 12'-0" Multiplate Arch Culvert | 1 | LS | \$ _____ | \$ _____ |
| 61401 | Seeding & Mulching | 1 | LS | \$ _____ | \$ _____ |
| 61901 | Double Gate | 1 | LS | \$ _____ | \$ _____ |
| 62801 | Soil Erosion & Sediment Control | 1 | LS | \$ _____ | \$ _____ |
| 64801 | River-Run Material - Embedment | 90 | TN | \$ _____ | \$ _____ |

Total Bid = \$ _____

Schedule 2: Bidder's References for Similar Projects Completed

Please list references, including name, address, and telephone number of those who have personal knowledge of Bidder's abilities to undertake and complete projects of similar scope and complexity.

| Project Name | Reference | Address | Telephone Number |
|--------------|-----------|---------|------------------|
| | | | |
| | | | |
| | | | |
| | | | |

References will be contacted. If possible, provide a brief description of each project.

Schedule 3

List of Proposed Subcontractors and Suppliers

Please list the name and the location of the place of business of each proposed subcontractor or supplier who will perform work or labor or render service or materials to the prime contractor as part of the Work. List only one subcontractor for each such portion as is defined by the prime contractor in this Bid. Bidder understands and agrees that, if its Bid is accepted, Bidder shall not: (i) substitute any subcontractor for one that was listed in its Bid; (b) permit any subcontract to be voluntarily assigned or transferred by the original subcontractor or allow it to be performed by anyone other than the original subcontractor listed here; or (c) subcontract any portion of the Work to any subcontractor except as listed here, except as authorized by CoqWA in writing.

| Portion of Work | Name of Subcontractor | Address of Subcontractor |
|-----------------|-----------------------|--------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Check this box if no subcontractors will be used.

| Material Supplied | Name of Supplier | Address of Supplier |
|-------------------|------------------|---------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Schedule 4

Insurance and Bonds

*Contractor is responsible to comply with all federal, state, county and local laws, ordinances and regulations applicable to this contract. At the time or request for Bid the information listed below was known additional coverages may be required or change.

INSURANCE: The CoqWA shall have no obligation to CONTRACTOR until CONTRACTOR has fully complied with the following requirements. CONTRACTOR must carry insurance policies offering the following minimum coverage levels and provide Certificates of Coverage to the CoqWA and landowner(s) before work commences.

_____ General Liability

- \$1,000,000 Each Occurrence
- \$2,000,000 Annual Aggregate

_____ Automobile –Liability covering owned, hired and non-owned vehicles.

- \$1,000,000 combined single limit

The above policies as shall reference as additional insured as follows and copies be provided to:

Coquille Watershed Association
390 N Central Blvd.
Coquille, OR 97423

BONDS: The successful Bidder will be required to furnish a performance bond in the amount of 100% (one hundred percent) of the contract as security for completing and faithful performance of all the specifications and conditions upon the Contractor by the 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, their authority to execute bonds shall be shown.

_____ Performance Bond

- 100% of Contract

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

**Exhibit E: ENGINEERING DESIGNS & SPECIAL CONTRACT
REQUIREMENTS (TECH SPECS)**

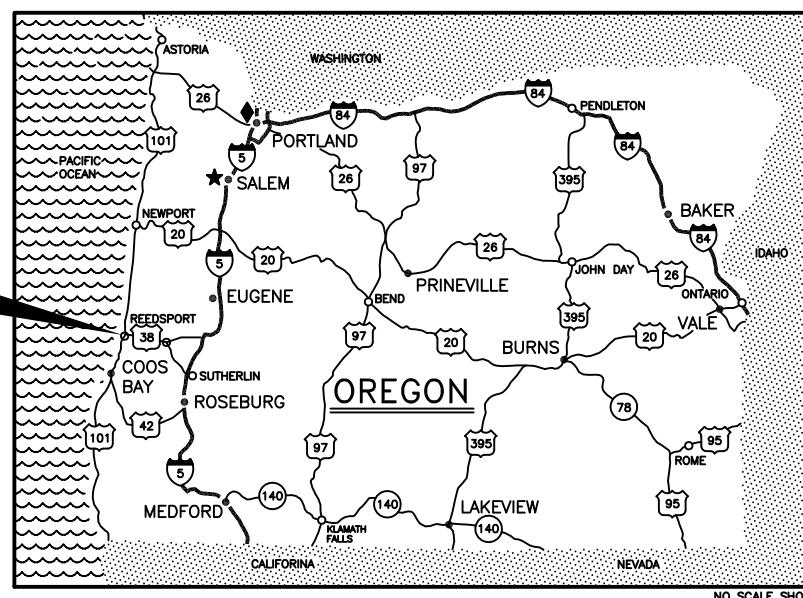


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



RUSSEL CREEK CULVERT REPLACEMENT

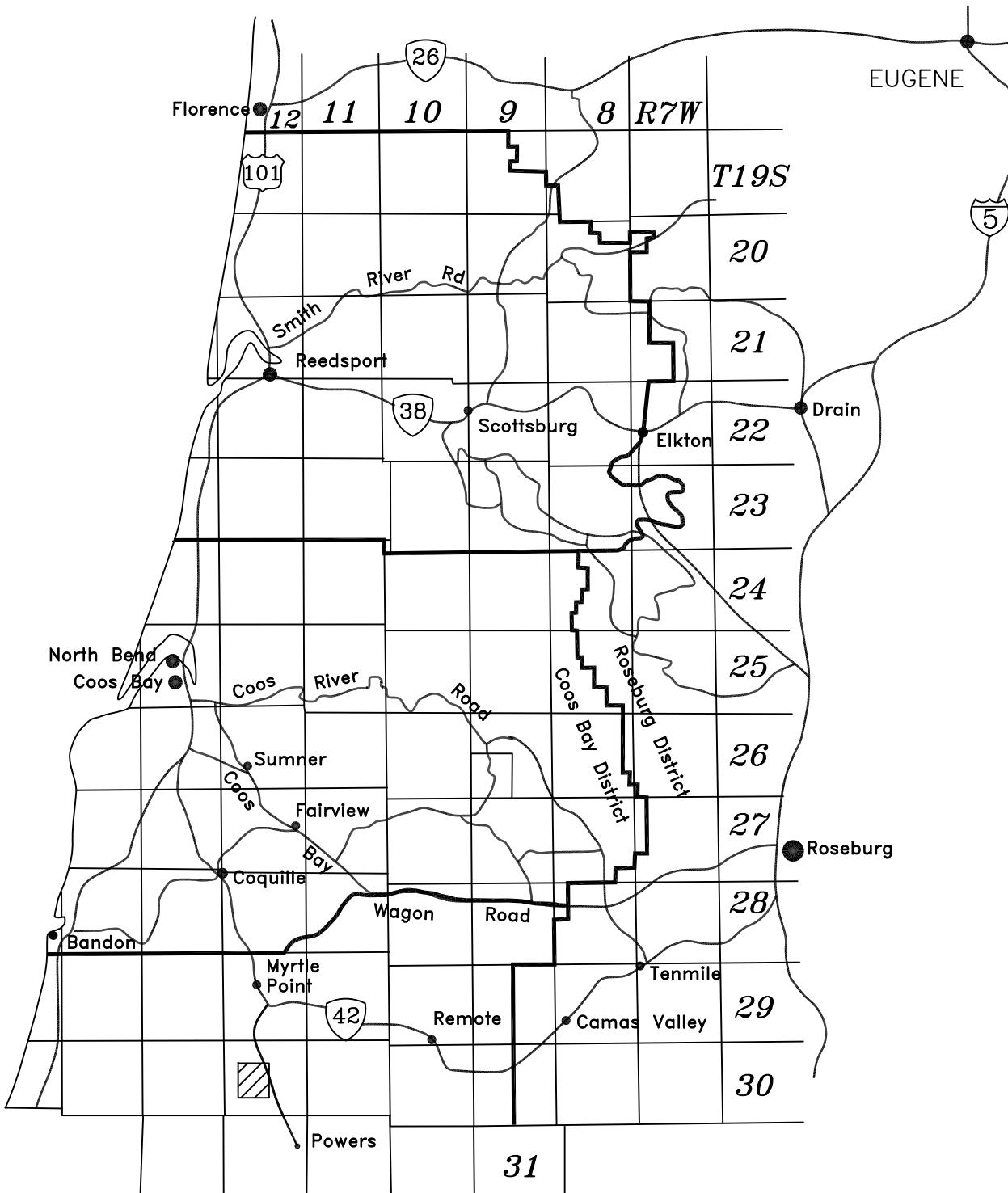
COOS BAY DISTRICT, OREGON



PROJECT LOCATION

AREA REFERENCE MAP

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|--------|--------------------|--------|---------------------|
| 5 | INTERSTATE HIGHWAY | ★ | STATE CAPITOL |
| 20 | U.S. HIGHWAY | ◆ | BLM STATE OFFICE |
| 78 | STATE HIGHWAY | ● | BLM DISTRICT OFFICE |



Project Location

| SHEET INDEX | |
|-------------|-----------------------|
| SHT. NO. | TITLE |
| 1 | TITLE SHEET |
| 2 | LOCATION MAP |
| 3 | SEDIMENT CONTROL |
| 4 | SITE PLAN |
| 5 | PROFILE VIEW - STREAM |
| 6 | CULVERT DETAILS - 1 |
| 7 | CULVERT DETAILS - 2 |
| 8 | UPSTREAM DETAILS |
| 9 | MSE DETAILS |
| 10 | CROSS SECTION - MSE |
| 11 | ROAD DETAILS |
| 12 | BORING LOCATION |
| 13 | BORING DATA |
| 14 | DOUBLE GATE |

| 1 | | | |
|----------|-------------|------|----------|
| REV. NO. | DESCRIPTION | DATE | APPROVED |

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
COOS BAY DISTRICT
OREGON

TITLE SHEET

| | |
|----------------------|---|
| ENGINEERING APPROVAL | CHIEF, BRANCH OF ENGINEERING OR DISTRICT ENGINEER |
| SUBMITTED | RESOURCE AREA FIELD MANAGER |
| APPROVED | DISTRICT MANAGER |
| DRAWN: TH | SCALE: AS SHOWN |
| DATE: OCT 2025 | REV.: NOV 2025 |
| SHEET 1 OF 14 | |
| DRAWING NO: NONE | |



NORTH

GENERAL CONSTRUCTION NOTE:

GENERAL CONSTRUCTION RULES

1. TEMPORARY STOCKPILE IS ON THE PRIVATE LAND. THE STOCKPILE IS FOR ONLY EXCAVATED MATERIAL.
2. THE CONTRACTOR SHALL CONTACT THE LANDOWNER, MIKE ISENHART, (541) 290-5571
3. AFTER CONSTRUCTION EMBANKMENT IS COMPLETED, IF REMAINING EXCAVATED MATERIAL ON THE STOCKPILE, THIS MATERIAL SHALL BE HAULED TO THE WASTE SITE.

MYRTLE POINT

CONCERN QUILLE RIVER

BRADREN

EMENT CREEK R

SITE LOCATION
LATITUDE: 42.9519
LONGITUDE: -124.1633

PLACE CUTTED
BRUSH/DEBRIS FROM
TEMP STOCKPILE

TEMPORARY
STOCKPILE
AREA

— EXISTING FARM GATE
REPLACE WITH NEW DOUBLE
GATE, SEE DOUBLE GATE SHEET

ECKLEY MTN RD

DEMENT CREEK K.

ENLARGE MAP - TEMPORARY STOCKPILE LOCATION

LEGENDA

1.9

DISTANCE

W = WASTE SITE

TS = TEMPORARY STOCKPILE

 = PLACE SIGN
"РНД СИ ПСЕД"

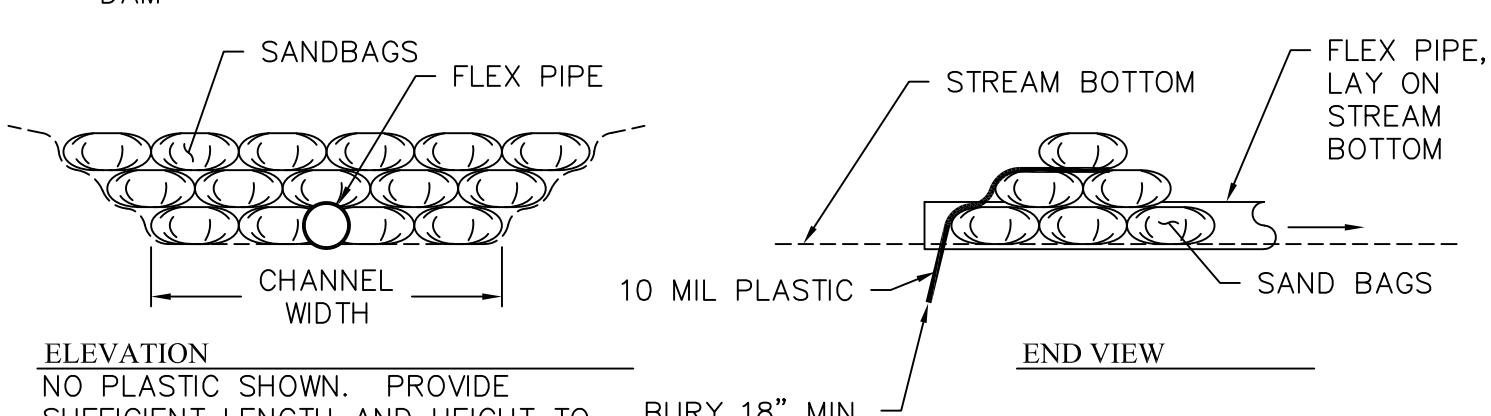
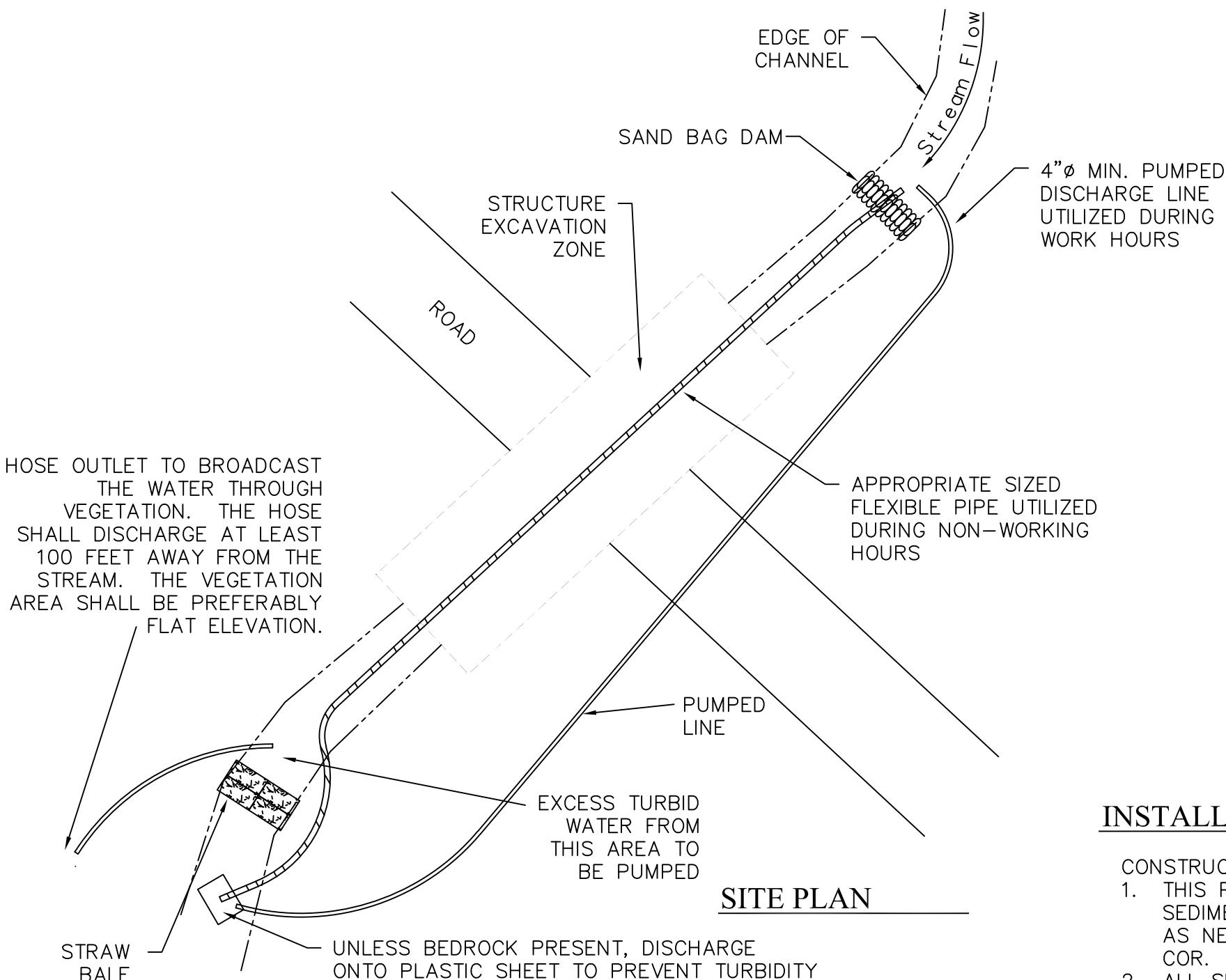
 = PLACE SIGN
"ROAD CLOSED AHEAD"

0 1

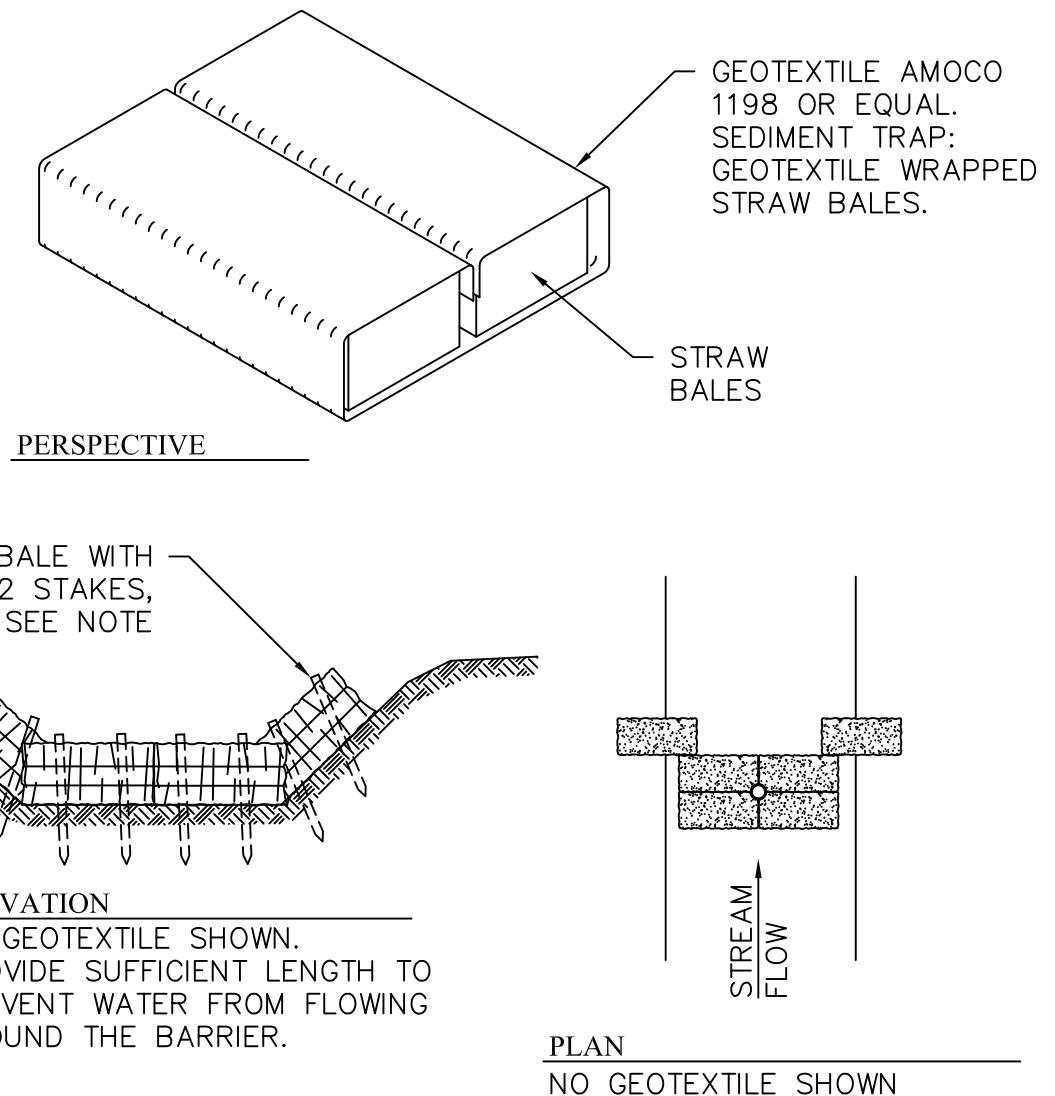
{TN, MT, F}

A circular graphic with a thin black border. Inside the circle, the words "ALWAYS", "THINK", and "SAFETY" are stacked vertically in a bold, black, sans-serif font.

| | | | |
|---|----------------------|-----------------|----------|
| 1 | | | |
| REV. NO. | DESCRIPTION | DATE | APPROVED |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| WORK LOCATION MAP | | | |
| DESIGNED | TODD HICKS | | |
| REVIEWED | RENE' RENTERIA, P.E. | | |
| APPROVED | RENE' RENTERIA, P.E. | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| DRAWING NO: NONE | | SHEET 2 OF 14 | |



INSTALLATION OF SAND BAG DAM IN CHANNEL



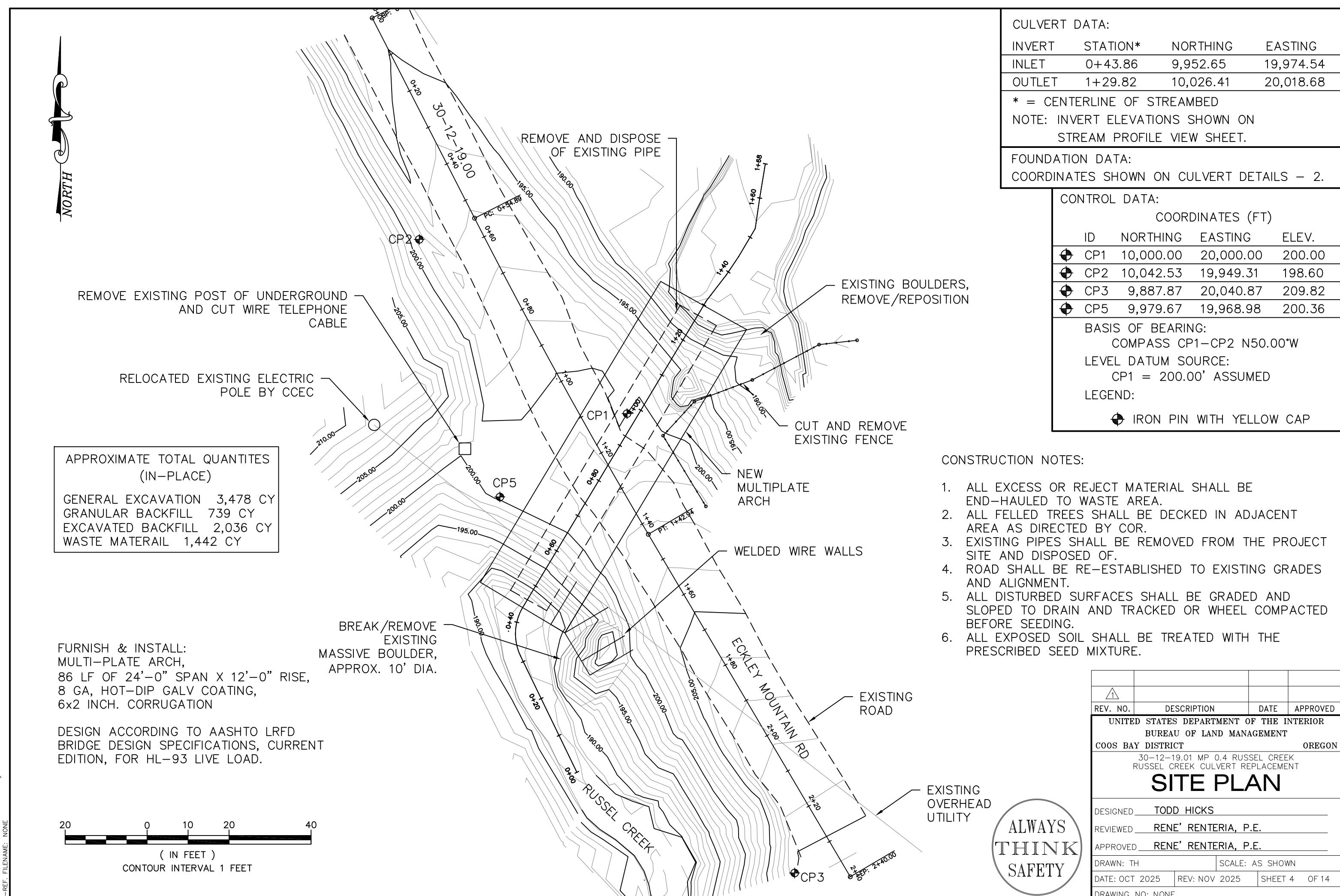
INSTALLATION OF A STRAW BALE DAM IN CHANNEL

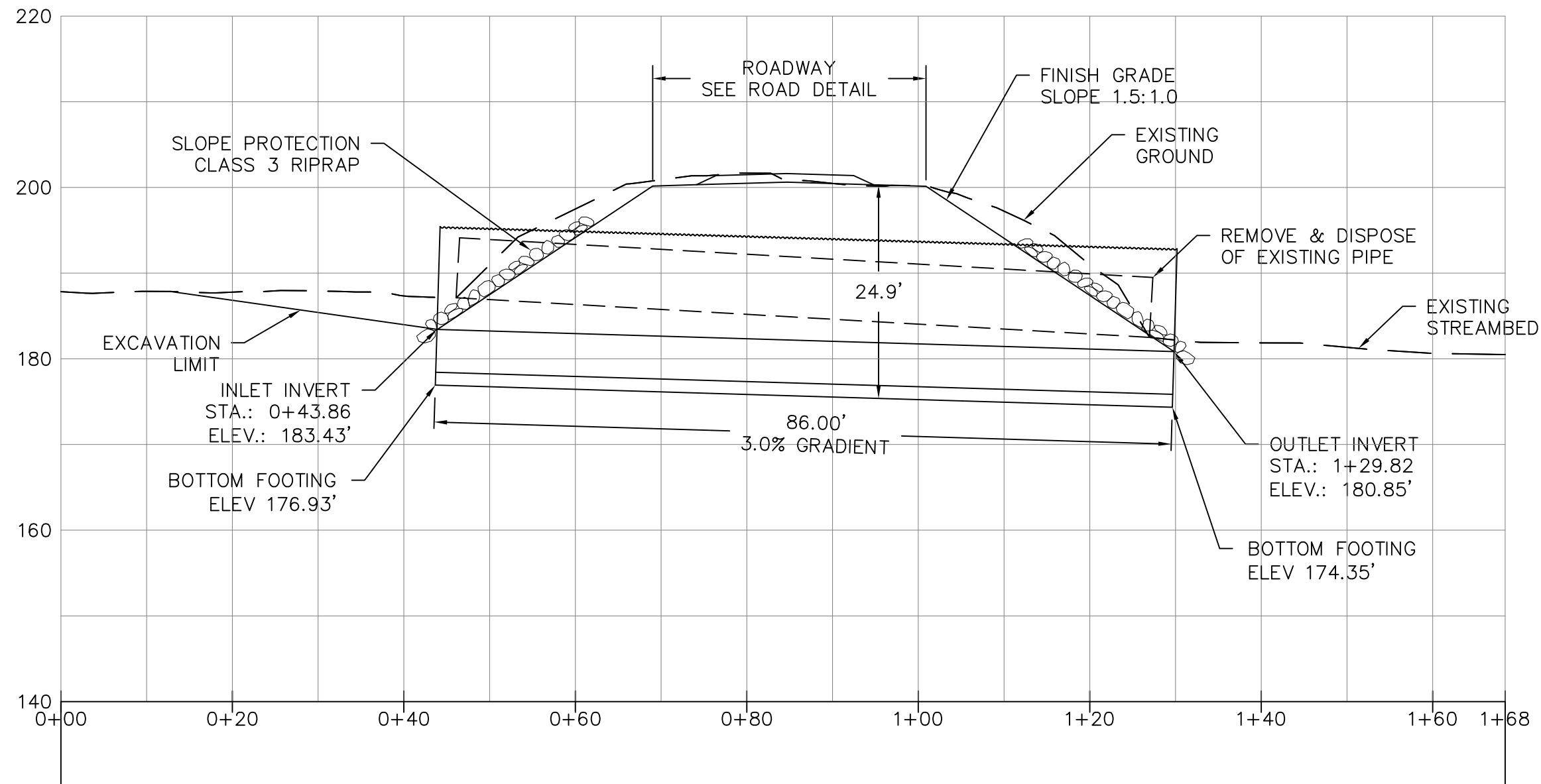
CONSTRUCTION NOTES:

1. THIS PLAN SHOWN AS TYPICAL EXAMPLE OF SEDIMENT CONTROL STRUCTURES. PLAN MAY VARY AS NEEDED AND IS SUBJECT TO APPROVAL BY COR.
2. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSTALLED AND APPROVED BY THE COR FOR ALL CULVERT REPLACEMENTS PRIOR TO ANY SOIL DISTURBANCE.
3. SANDBAG DAM HEIGHT AND WIDTH SHALL BE SIZED ADEQUATELY TO IMPEDE ANTICIPATED FLOW WITH RESPECT TO PIPE SIZE USED.
4. STRAW BALES SHALL BE TIGHTLY PACKED TOGETHER.
5. CONTRACTOR MAY BE REQUIRED TO STABILIZE BALES WITH MORE STAKES IF WATER FLOWS OVER THEM.
6. CONTRACTOR SHALL FOLLOW ALL CLEAN WATER REGULATIONS AND OREGON DEQ TURBIDITY STANDARDS.
7. REMOVAL OF SEDIMENT CONTROL STRUCTURES WILL BE REQUIRED POST CONSTRUCTION.
8. ALL DISTURBED AREAS SHALL BE SEEDED, FERTILIZED AND MULCHED.

| REV. NO. | DESCRIPTION | DATE | APPROVED |
|---|----------------------|---------|----------|
| | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | | | |
| COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| SEDIMENT CONTROL PLAN | | | |
| DESIGNED | TODD HICKS | | |
| REVIEWED | RENE' RENTERIA, P.E. | | |
| APPROVED | RENE' RENTERIA, P.E. | | |
| DRAWN: TH | SCALE: NONE | | |
| DATE: OCT 2025 | REV: NOV 2025 | SHEET 3 | OF 14 |
| DRAWING NO: NONE | | | |





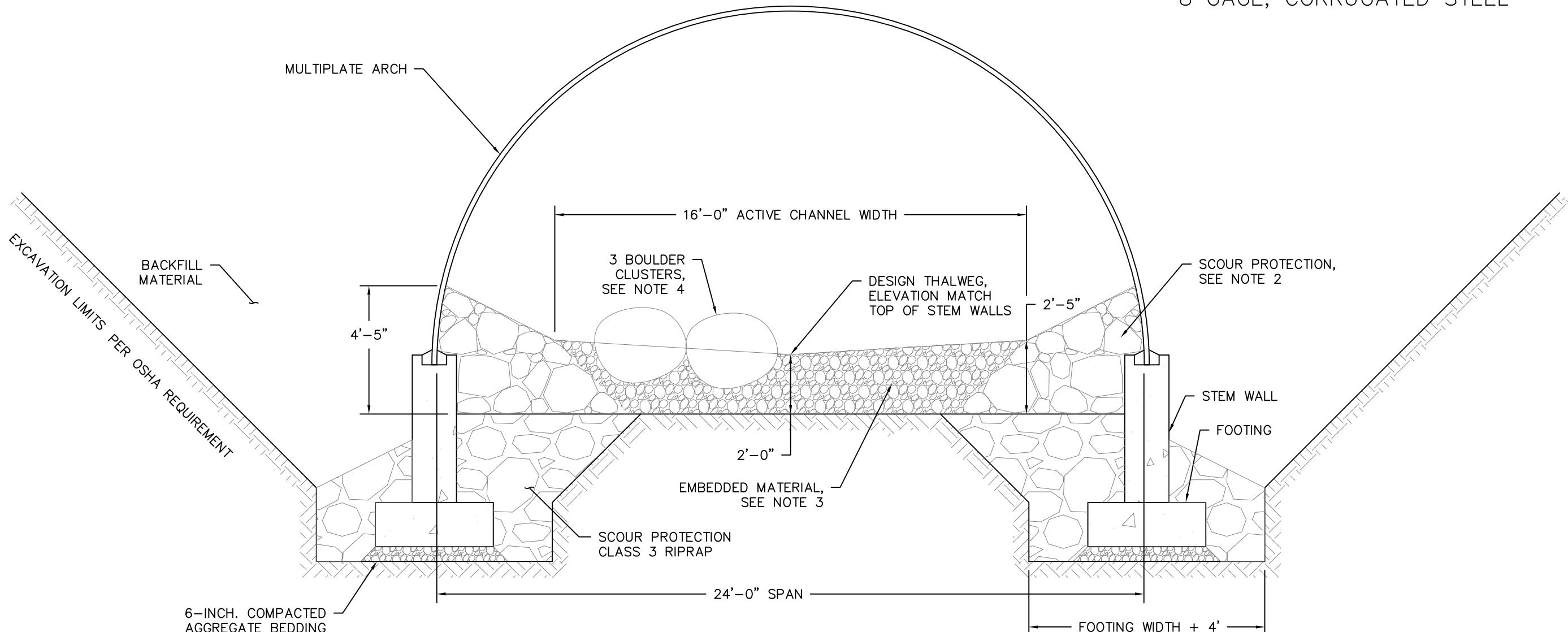


CENTERLINE OF STREAM PROFILE VIEW

HORZ & VERT SCALE: 0 10 20 30

| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|----------|
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.00 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| STREAM PROFILE VIEW | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| SHEET 5 OF 14 | | | |
| DRAWING NO: NONE | | | |

24'-0" SPAN x 12'-0" RISE
8 GAGE, CORRUGATED STEEL



TYPICAL CROSS SECTION

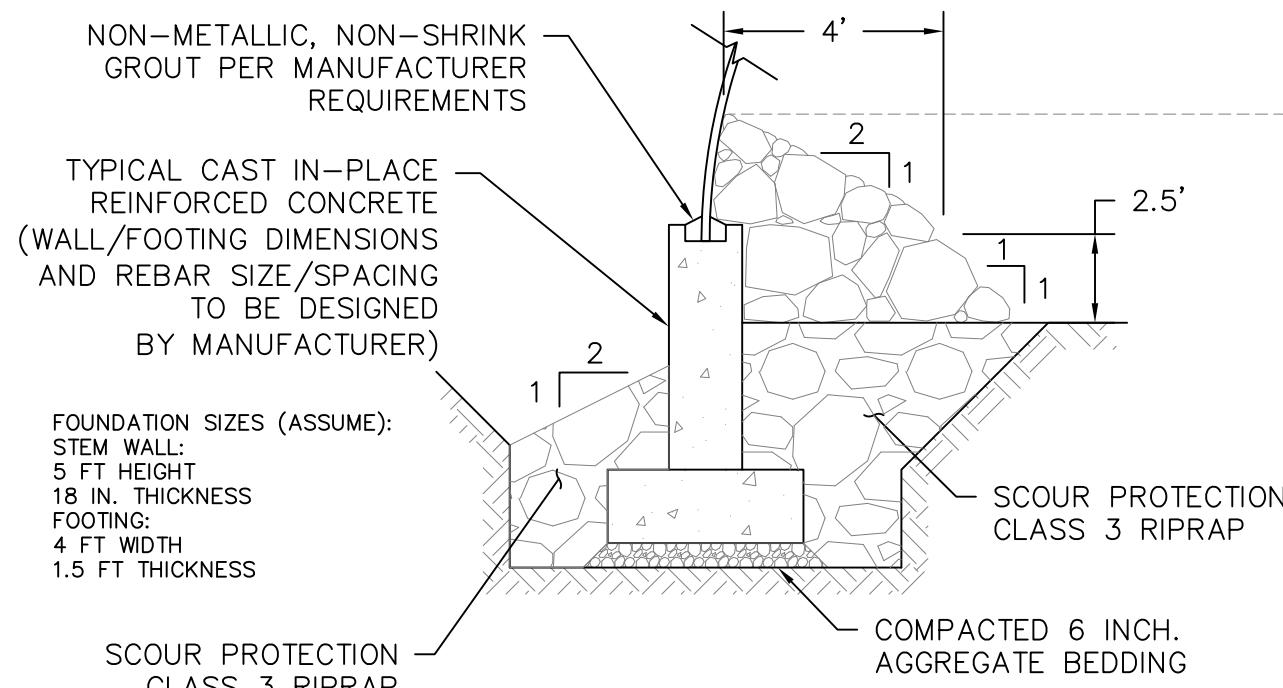
NOT TO SCALE

GENERAL CONSTRUCTION NOTES:

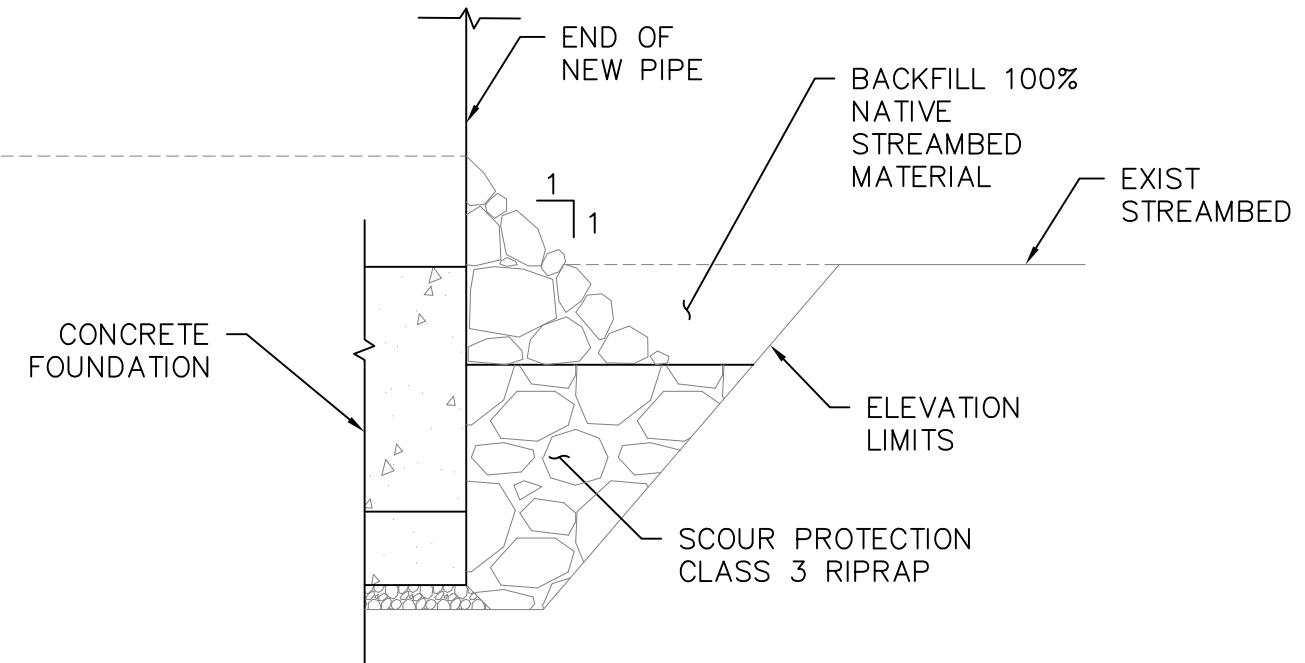
1. INSTALL MULTI-PLATE ARCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS. ALL METAL COMPONENTS SHALL BE GALVANIZED ACCORDING TO THE SPECIFICATIONS.
2. SCOUR PROTECTION: LARGE SIZE OF THE CLASS 3 RIPRAP (13-INCH DIAMETER MINIMUM) SHALL BE SELECTED TO PLACE ALONG WITH CONCRETE FOUNDATION AT SIDES AND ENDS. THE REST OF THE GRADATION OF THE CLASS 3 RIPRAP SHALL BE PLACED TO FILL VOIDS. COMPLETED FOOTING PROTECTION SHALL BE A STABLE DENSE MASS.
3. EMBEDMENT SHALL BE MIXED 60% RIVER-RUN MATERIAL AND 40% RIPRAP CLASS 3.
4. HABITAT BOULDERS: LARGE SIZE OF THE CLASS 3 RIPRAP SHALL BE SELECTED TO PLACE NEAR SURFACE OF STREAMBED ABOUT 50% MIN. BURIAL.
5. COMPLETED RIPRAP/RIVER-RUN STRUCTURE SHALL BE A STABLE DENSE MASS.
6. FACTORED BEARING CAPACITY OF 6,500 PSF IN DENSE CABBLE/GRAVEL ROCK MATERIAL.

| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|---------------|
| 1 | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| CULVERT DETAILS - 1 | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | SHEET 6 OF 14 |
| DRAWING NO: NONE | | | |





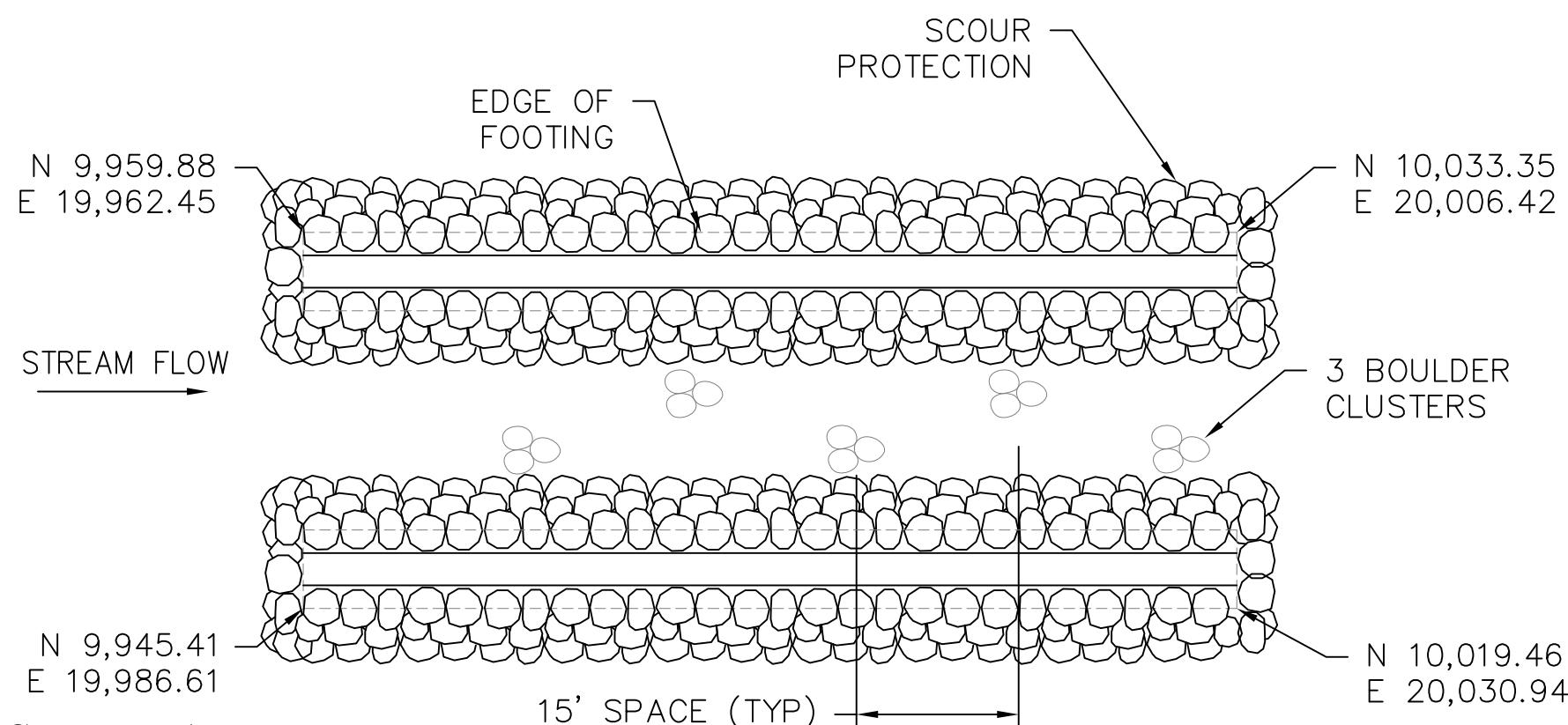
CROSS SECTION



ELEVATION VIEW

SCOUR PROTECTION DETAIL

NOT TO SCALE



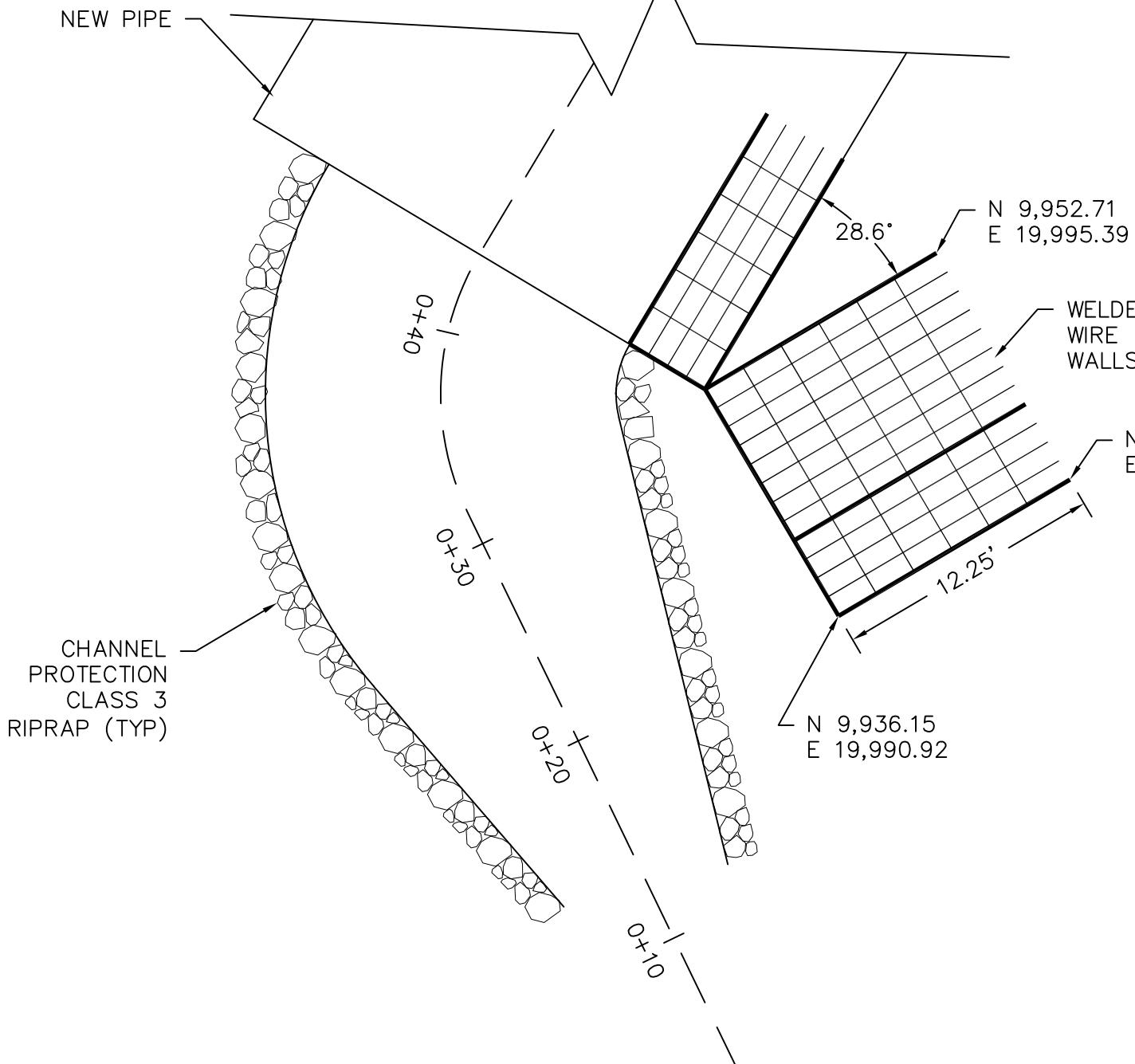
SITE PLAN

NOT TO SCALE



| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|---------------|
| 1 | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| CULVERT DETAILS - 2 | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | SHEET 7 OF 14 |
| DRAWING NO: NONE | | | |

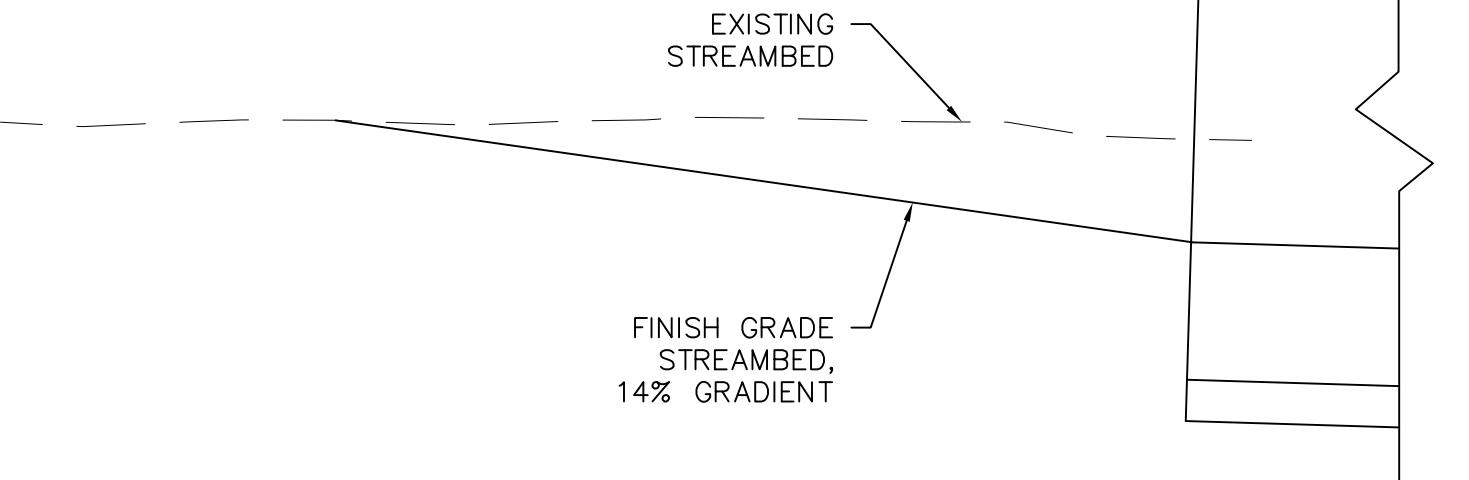
SITE PLAN - UPSTREAM



HORZ & VERT SCALE: 0 10

PROFILE VIEW - UPSTREAM

NOT TO SCALE



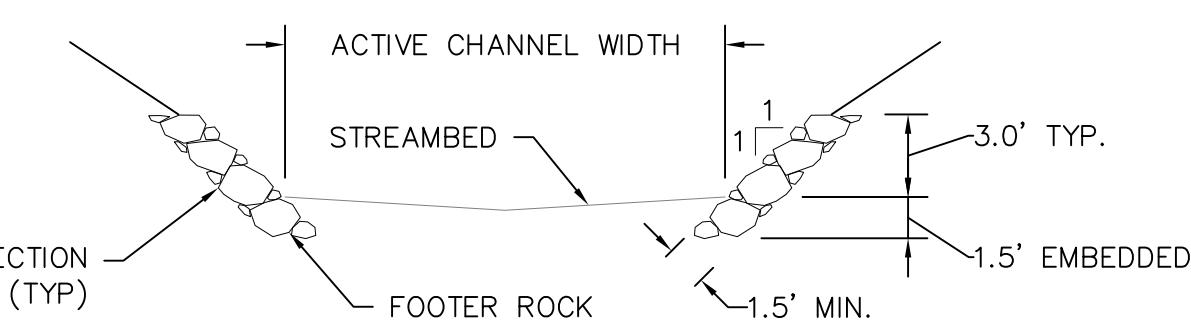
CHANNEL PROTECTION
CLASS 3 RIPRAP (TYP)

TYPICAL STREAMBANK DETAILS

NOT TO SCALE

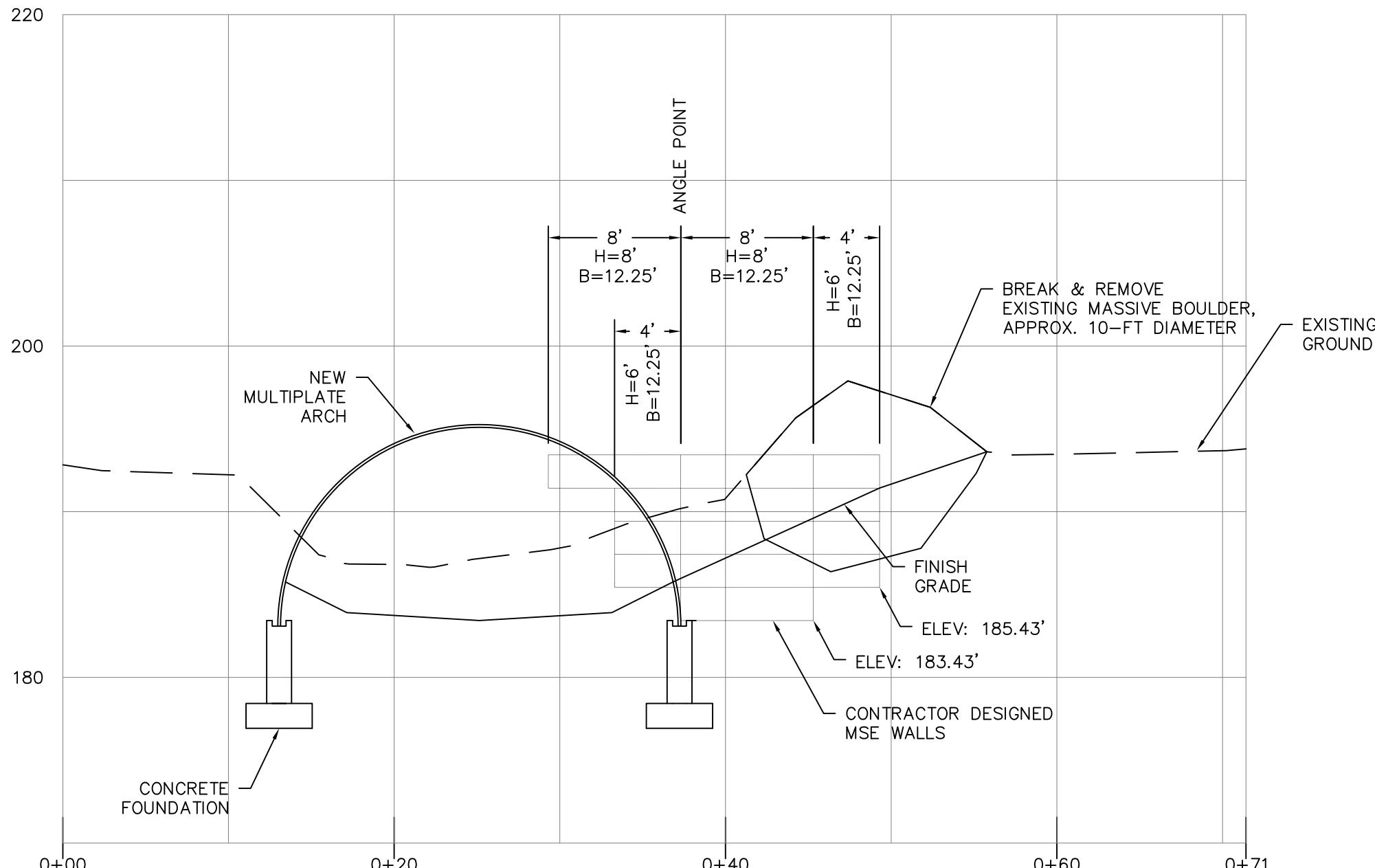
CONSTRUCTION NOTES:

1. TRANSITION OF CHANNEL WIDTH: FROM 0+43.86 AT INLET 16 FEET WIDTH TO STATION 0+13 EXISTING CHANNEL WIDTH.
2. EXCAVATED BOULDERS CAN BE USED IF THEIR SHAPE IS ANGULAR. ROUNDED/SMOOTHED BOULDER IS NOT ALLOWED TO USE FOR CHANNEL PROTECTION.
3. COMPLETED RIPRAP STRUCTURE SHALL BE STABLE DENSE MASS.



| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|------|----------|
| | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.00 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| UPSTREAM DETAILS | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH SCALE: AS SHOWN | | | |
| DATE: OCT 2025 REV: NOV 2025 SHEET 8 OF 14 | | | |
| DRAWING NO: NONE | | | |





PROFILE VIEW – INLET PIPE

HORZ & VERT SCALE: 0 10

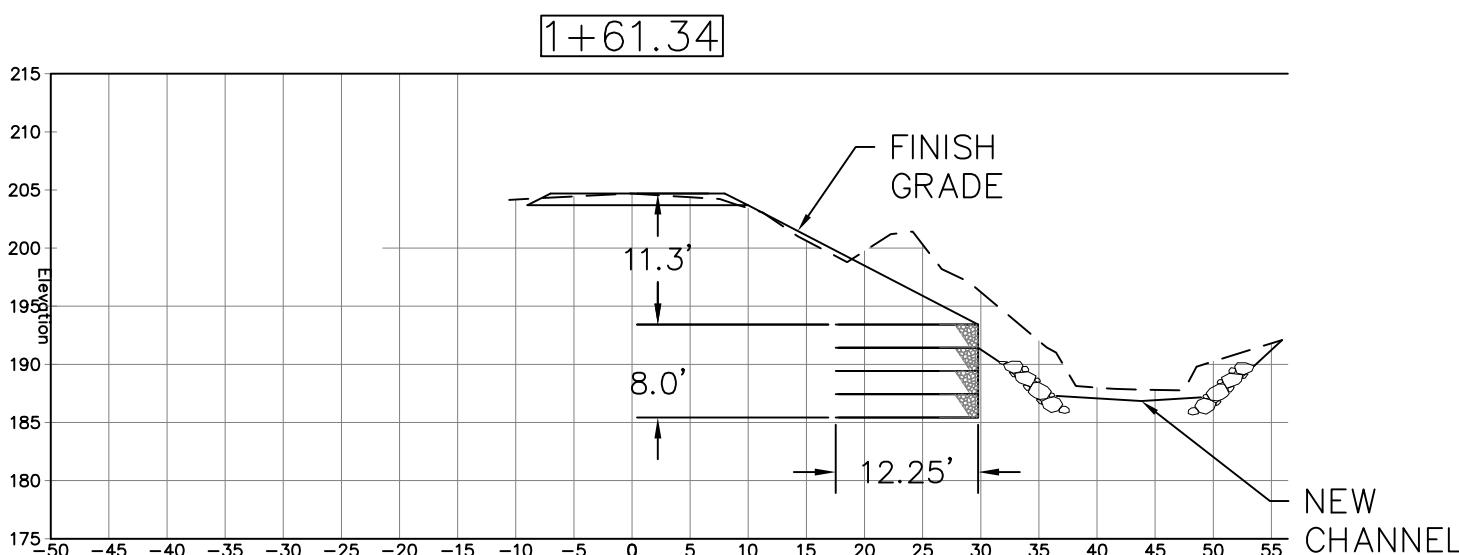
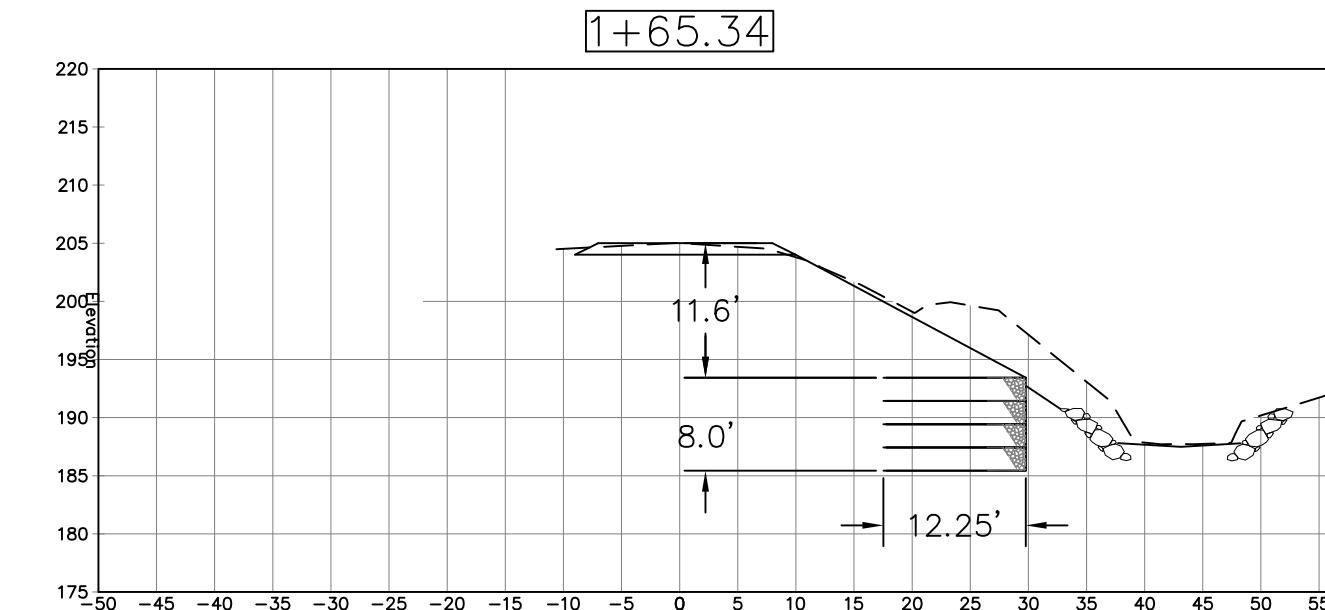
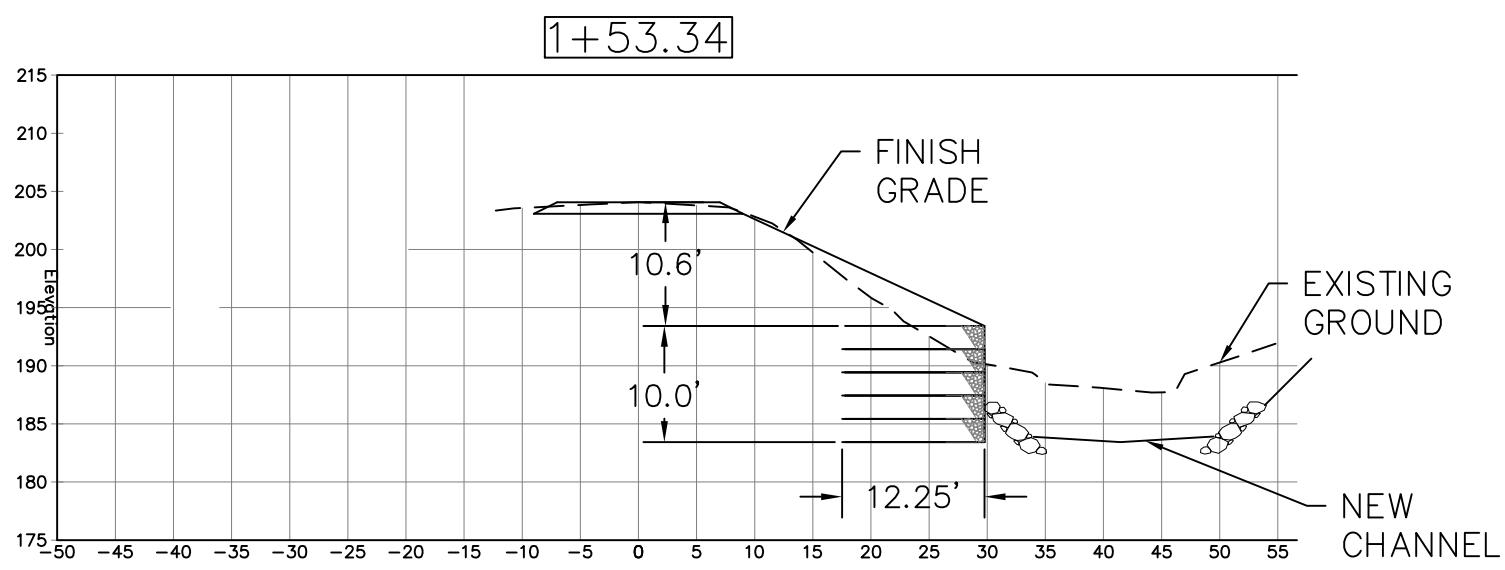
GENERAL CONSTRUCTION NOTE:

1. CONTRACTOR DESIGNED MSE RETAINING WALLS MSE WALL DESIGNED ACCORDING TO AASHTO LRFD. SEE SPECIFICATION 257 CONTRACTOR-DESIGNED RETAINING WALLS.
2. INSTALL RETAINING WALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS. ALL METAL COMPONENTS SHALL BE GALVANIZED ACCORDING TO THE SPECIFICATIONS.

EST. QUANTITY
WELDED WIRE WALL
FACE AREA: 152 S.F.

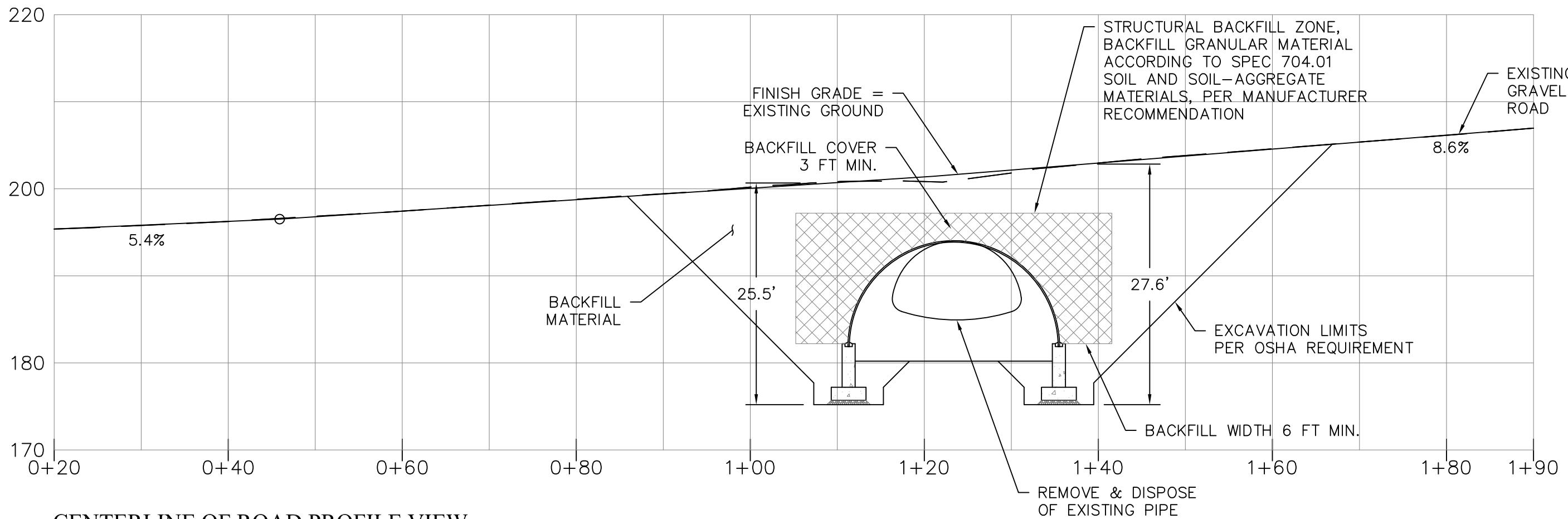
| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|----------|
| 1 | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.00 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| MSE DETAILS | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| SHEET 9 OF 14 | | | |
| DRAWING NO: NONE | | | |





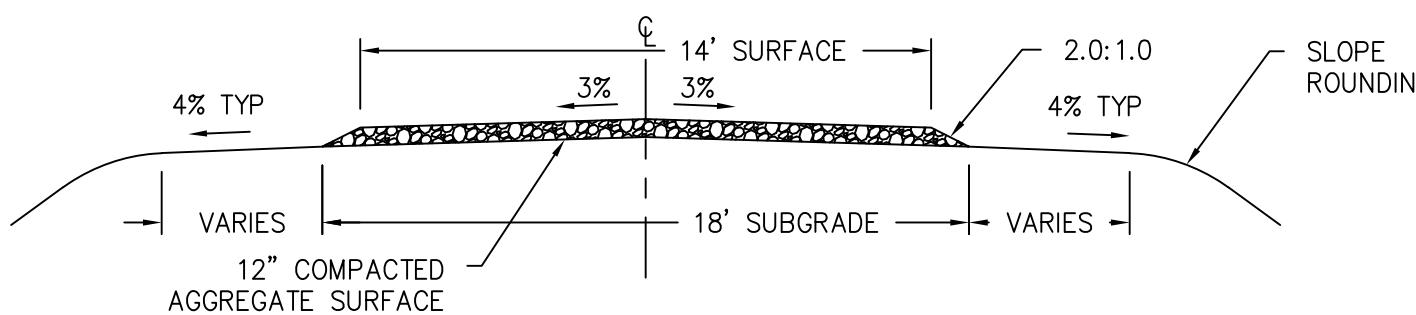
| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|----------|
| 1 | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| CROSS SECTION - MSE | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| SHEET 10 OF 14 | | | |
| DRAWING NO: NONE | | | |





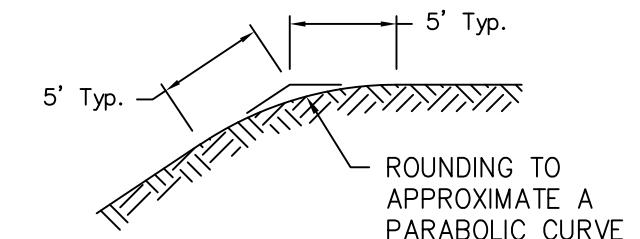
CENTERLINE OF ROAD PROFILE VIEW

HORZ & VERT SCALE: 0 20 40



TYPICAL SECTION

NOT TO SCALE

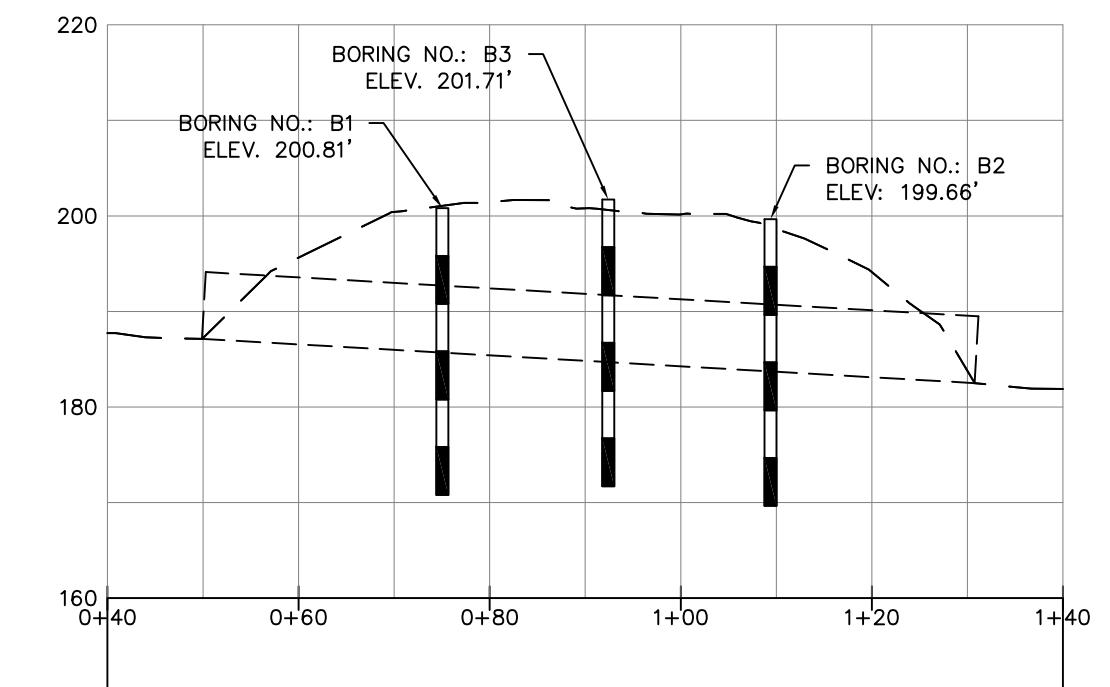
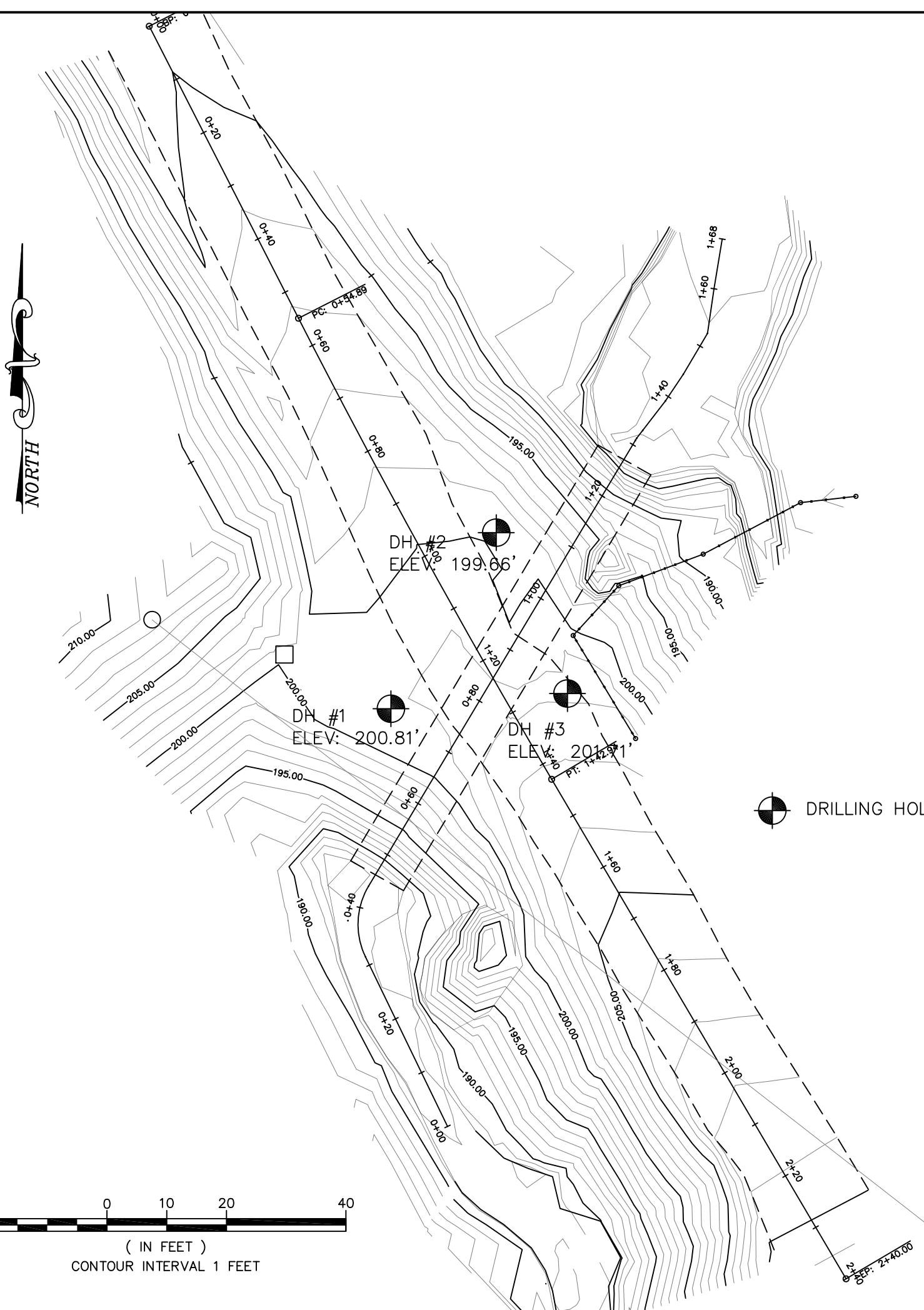


SLOPE ROUNDING DETAIL

NOT TO SCALE



| | | | |
|---|----------------------|-----------------|----------|
| 1 | | | |
| REV. NO. | DESCRIPTION | DATE | APPROVED |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | | | |
| COOS BAY DISTRICT | | OREGON | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| ROAD DETAILS | | | |
| DESIGNED | TODD HICKS | | |
| REVIEWED | RENE' RENTERIA, P.E. | | |
| APPROVED | RENE' RENTERIA, P.E. | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| DRAWING NO: NONE | | SHEET 11 OF 13 | |



AUTOCAD Civil 3D 2010
Title: G:\Eng\9112 Major Culverts\Russel Ck 30-12-19.01 MP 0.4 Russel Creek\
FILENAME: -4-RusselCk-SITEPLAN.dwg
<-REF: FILENAME: NONE

(IN FEET)

CONTOUR INTERVAL 1 FEET

ALWAYS
THINK
SAFETY

| | | | |
|---|----------------------|-----------------|----------|
| EV. NO. | DESCRIPTION | DATE | APPROVED |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | | | |
| COOS BAY DISTRICT | | OREGON | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| BORING LOCATION | | | |
| DESIGNED | TODD HICKS | | |
| REVIEWED | RENE' RENTERIA, P.E. | | |
| APPROVED | RENE' RENTERIA, P.E. | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| DRAWING NO: NONE | | | |

| BORING NO. = DH-1 ELEV. 200.81' SOIL DESCRIPTION | | | BORING NO. = DH-2 ELEV. 199.66' SOIL DESCRIPTION | | | BORING NO. = DH-3 ELEV. 201.71' SOIL DESCRIPTION | | | |
|--|---------------------------|-------------------------|---|-------------------|-------------------------|--|--------------------|--|--------|
| DEPTH (FT) | No./ Depth, ft | Blow Count (N Value) | DEPTH (FT) | No./ Depth, ft | Blow Count (N Value) | DEPTH (FT) | No./ Depth, ft | Blow Count (N Value) | |
| 2.5- 2.5- 4.0 | S-1 2.5- 4.0 | 4-3-4 (n=7) | ROAD GRAVEL | 198.31 | 2.5- 2.5- 4.0 | S-1 2.5- 4.0 | 6-5-7 (n=12) | ROAD GRAVEL | 197.16 |
| 5- 5.0- 6.5 | S-2 2-4-3 (n=7) | 2-4-3 (n=7) | NO RECOVERY | 195.81 | 5- 5.0- 6.5 | S-2 5.0- 6.5 | 3-3-4 (n=7) | SILT, SOME CLAY TO CLAYEY, SOME FINE-GRAINED SAND TO SANDY, STIFF, GRAY-BROWN, DAMP, NON TO LOW PLASTICITY, SCATTERED ORGANICS (FILL) | 194.66 |
| 7.5- 7.5- 9.0 | S-3 2-2-2 (n=4) | 2-2-2 (n=4) | SILTY CLAY/CLAYEY SILT, SOME FINE TO COURSE GRAVEL SAND, TRACE GRAVEL, MEDIUM STIFF, GRAY-BROWN, DAMP TO MOIST, LOW PLASTICITY, SCATTERED ORGANICS (FILL) | 193.31 | 7.5- 7.5- 9.0 | S-3 7.5- 9.0 | 3-3-3 (n=6) | SANDY SILT, TRACE CLAY, TRACE TO SOME SUB-ANGULAR GRAVEL, MEDIUM STIFF, GRAY-BROWN, DAMP, NON-PLASTICITY, SCATTERED WOODY DEBRIS (FILL) | 192.16 |
| 10- 10- 11.5 | S-4 2-3-9 (n=12) | 2-3-9 (n=12) | SANDY CLAYEY SILT, TRACE GRAVEL, SOFT BROWN, LOW PLASTICITY, DAMP TO MOIST (FILL) | 190.81 | 10- 10- 11.5 | S-4 10- 11.5 | 1-2-5 (n=7) | SILTY SAND/SANDY SILT, SOME CLAY, SOME SUB ANGULAR GRAVEL, MED STIFF, BROWN-GRAY, DAMP TO MOIST, LOW PLASTICITY, PRIMARILY FINE SAND WITH SOME MED-COURSE (FILL) | 189.66 |
| 12.5- 14.0 | S-5 19-25-27 (n=52) | 19-25-27 (n=52) | SILTY SAND/SANDY SILT, SOME CLAY TO CLAYEY, SOME GRAVEL, MED DENSE/STIFF, DARK BLUISH GRAY TO BROWN, MOST (LANDSLIDE DEBRIS) | 188.31 | 12.5- 14.0 | S-5 12.5- 14.0 | 8-7-9 (n=16) | SANDY CLAY, SOME SILT, BROWN TO DARK GRAY, MED STIFF, MOIST, MED PLASTICITY (FILL) | 187.16 |
| 15- 15- 16.5 | S-6 10-24-25 (n=49) | 10-24-25 (n=49) | AS ABOVE | 185.81 | 15- 15- 16.5 | S-6 15- 16.5 | 10-9-5 (n=14) | SAND, SOME SILT, TRACE CLAY, SOME SUB ANGULAR GRAVEL, MED DENSE, DAMP TO MOIST (LANDSLIDE DEBRIS) FINE TO COARSE GRAINED SAND | 184.66 |
| 20- 20- 21.5 | S-7 10-19-25 (n=44) | 10-19-25 (n=44) | AS ABOVE, V. WEAK TO WEAK (R1-R2) | 180.81 | 20- 20- 21.5 | S-7 20- 21.5 | 12-13-20 (n=33) | SANDSTONE, DARK GRAY TO GRAY, MODERATELY WEATHERED, VERY WEAK (R1) | 179.22 |
| 25- 25- 26.5 | S-8 30-39-40 (n=79) | 30-39-40 (n=79) | SANDSTONE, DARK GRAY TO GRAY, MODERATELY WEATHERED, VERY WEAK (R1) | 175.81 | 25- 25- 26.5 | S-8 25- 26.5 | 17-27-30 (n=57) | SANDSTONE, GRAY TO DARK GRAY, HIGHLY WEATHERED, VERY WEAK (R1) | 174.66 |
| 30- 30- 30.3 | S-9 50-3" (R) | 50-3" (R) | SANDSTONE, GRAY, SLIGHTLY TO MODERATELY WEATHERED, WEAK (R2) | 170.81 | 30- 30- 30 | S-9 26.5- 30 | 50-3" (R) | SANDSTONE, GRAY, SLIGHTLY TO MODERATELY WEATHERED, WEAK (R2) | 169.66 |
| BORING TERMINATED @30.3 FT | | | | | | | | | |

| REV. NO. | DESCRIPTION | DATE | APPROVED |
|----------|-------------|------|----------|
| | | | |

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
COOS BAY DISTRICT
OREGON
30-12-19.01 MP 0.4 RUSSEL CREEK
RUSSEL CREEK CULVERT REPLACEMENT

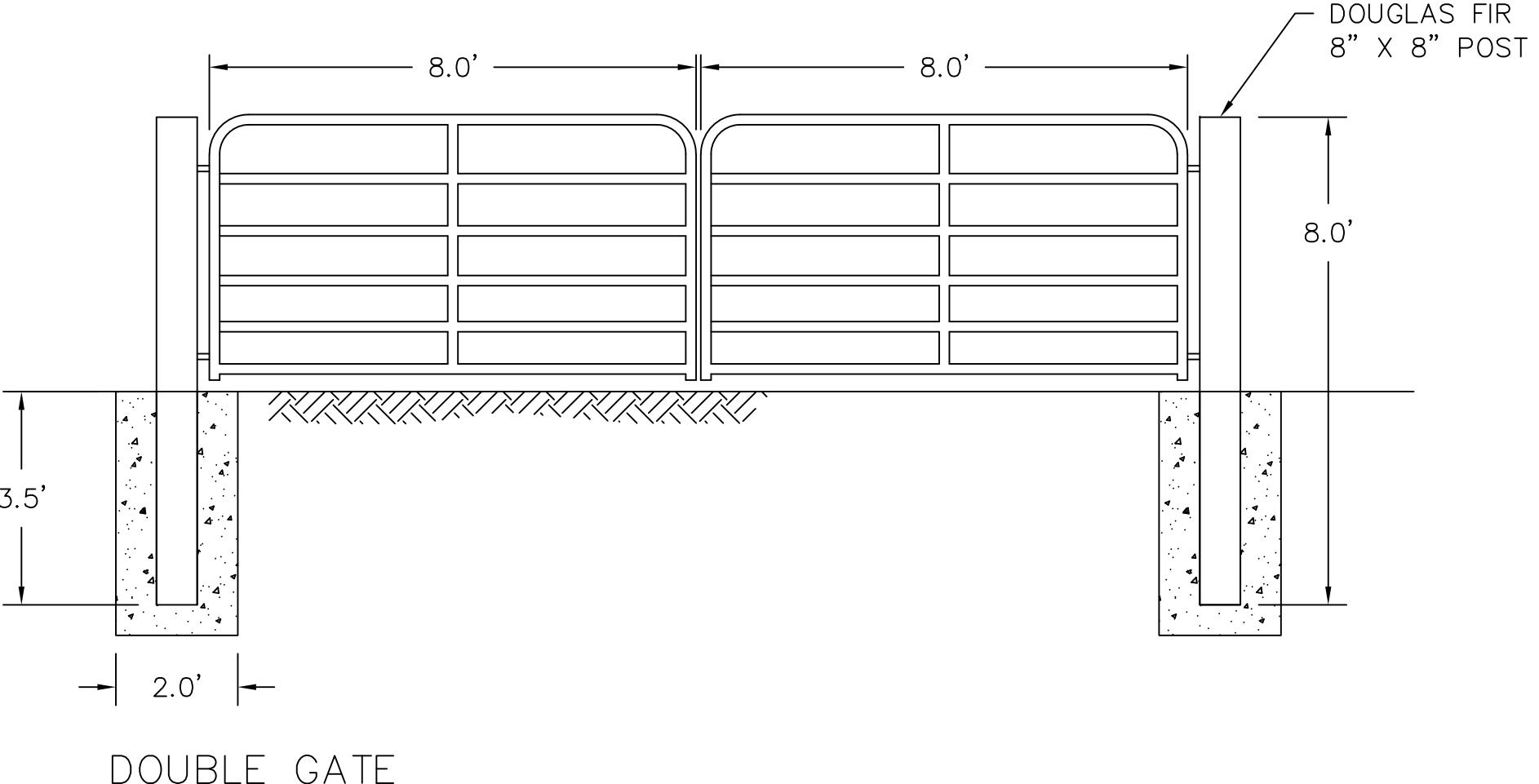
BORING DATA

DESIGNED TODD HICKS
REVIEWED RENE' RENTERIA, P.E.
APPROVED RENE' RENTERIA, P.E.
DRAWN: TH SCALE: NONE
DATE: OCT 2025 REV: NOV 2025 SHEET 13 OF 14
DRAWING NO: NONE



GENERAL CONSTRUCTION NOTES:

1. INSTALLATION:
 - A. POSTS SHALL BE SET PLUMP IN HAND OR MECHANICALLY DUG HOLES.
 - B. GATE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 - C. LOCKING CHAIN SHALL BE PROVIDED AND INSTALLED BY THE LANDOWNER.
2. GATE SPECIFICATION
 - A. BEHLEN COUNTRY GATE
 - B. 2-INCH TUBE GREEN
 - C. HEAVY DUTY GATE
 - D. 16 GAUGE
 - E. HIGH PRESSURE ENVIRONMENT
 - F. HINGE DESIGN SHALL BE RECOMMENDED BY MANUFACTURER.
3. LUMBER SPECIFICATION
 - A. DOUGLAS FIR, GRADE NO. 2 AND BETTER.
 - B. LUMBER SHALL BE TREATED ACCORDING TO AWPA C2.
 - C. WOOD PRESERVATIVE – TREATED MATERIAL SHALL CONFORM TO AWPA P5. PRESSURE TREAT ABOVE AND BELOW GROUND WITH WATERBORNE PRESERVATIVES TO A MINIMUM RETENTION ACCORDING TO AWPA C15.
 - D. TREATED LUMBER SHALL NOT BE INCISED.
4. CONCRETE SPECIFICATION:
 - A. CONCRETE 3,000 PSI MINIMUM.
 - B. CEMENT SHALL BE TYPE 1A PORTLAND CEMENT CONFORMING TO THE REQUIREMENTS OF AASHTO M85.
 - C. WATER FOR USE WITH CEMENT SHALL CLEAR AND FREE FROM OIL, ACID, INJURIOUS ALKALI, OR ORGANIC MATTER.
 - D. CEMENT CONENT 5.0 SACKS/CU. YD. MAXIMUM NET WATER CEMENT RATO 5.5 GALS/SACK OF CEMENT.
 - E. ANGULAR COARSE AGGREGATE, FINE AGG. 155 LBS/SACK OF CEMENT AND COARSE AGG. 305 LBS/SACK OF CEMENT.
 - F. CONSISTENCY 1" – 3" RANGE IN SLUMP.
 - G. NO CONCRETE SHALL BE POURED WITH A DESCENDING AIR TEMPERATURE SALLING BELOW 40 DEGREES F.
 - H. GATE SHALL NOT BE USED A MINIMUM PERIOD OF 7 DAYS AFTER PLACING OF CONCRETE HAS BEEN COMPLETED.



| REV. NO. | DESCRIPTION | DATE | APPROVED |
|--|-------------|-----------------|----------|
| | | | |
| UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT COOS BAY DISTRICT OREGON | | | |
| 30-12-19.01 MP 0.4 RUSSEL CREEK RUSSEL CREEK CULVERT REPLACEMENT | | | |
| DOUBLE GATE | | | |
| DESIGNED <u>TODD HICKS</u> | | | |
| REVIEWED <u>RENE' RENTERIA, P.E.</u> | | | |
| APPROVED <u>RENE' RENTERIA, P.E.</u> | | | |
| DRAWN: TH | | SCALE: AS SHOWN | |
| DATE: OCT 2025 | | REV: NOV 2025 | |
| DRAWING NO: NONE | | | |



SPECIAL CONTRACT REQUIREMENTS FOR THE CONSTRUCTION OF

RUSSEL CREEK CULVERT REPLACEMENT

Statement of Work

The work shall consist, but is not limited to minor clearing and grubbing; installing temporary erosion control measures; roadway excavation and embankment; existing culvert removal and disposal; culvert installation; placement of bedding and surface aggregate; seeding the fish culvert interior with river-run rock and riprap embedding mix; placement of seeding and mulching; and cleanup.

The contractor shall furnish all labor, materials, equipment, tools, transportation, and supplies and shall perform all work required to complete the project as shown on the plans, shown on the manufacturer's shop drawings, and as described in the Standard Specifications (FP-24).

The project site as shown on the plan is located on the Coos Bay District, Coos County, Oregon, Township 30 South, Range 12 West Section 19, approximately 10.3 miles south of the town of Myrtle Point. The project begins at Milepost 0.0 at the entrance of Dement Creek Road from Power Highway (542 HWY) and the end at Milepost 4.9 at the crossing Russel Creek and 30-12-19.0 Road.

Applicable Standard Specifications

The General Requirements (Division 100) and the applicable sections of Divisions 150 through 700 of the Federal Highway Administration's "Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-24, U.S. Customary Units" of the U.S. Department of Transportation, Federal Highway Administration apply to this project as modified by these Special Contract Requirements and Contract Clauses contained in the contract. Unless otherwise noted, all reference headings in these Special Contract Requirements refer to divisions, sections, subsections, articles or paragraphs of the Standard Specifications, FP-24. The Contractor shall keep a copy of FP-24 on site during all construction for this project.

The FP-24 is a separately published book by the Federal Lands Highway. To download FP-24 or to obtain a hard copy, visit: highways.dot.gov/federal-lands/specs/fp-24

PREFACE

Delete the Preface and substitute the following:

These Standard Specifications for the Construction of Roads and Bridges on Federal Highway Projects are issued primarily for constructing roads and bridges on Federal Highway projects under the direct administration of the Bureau of Land Management. These specifications are cited as "FP-24" indicating "*Federal Project*" Standard Specifications issued in 2024 and contain both United States Customary and Metric units of measure.

When designated in a contract, the FP-24 becomes part of the contract and binding upon all parties to the contract. Construction contracts of the Bureau of Land Management are also governed by the following regulations:

- Federal Acquisition Regulation (FAR), Title 48, Code of Federal Regulations, Chapter 1

The FAR regulations are not included in the FP-24. A complete copy of the FAR is available from the Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

U.S. Customary units of measure are used in the FP-24 as provided in the November 25, 2008 Memorandum from Jeffrey F. Paniati entitled *Update on Metric Use Requirements for FHWA Documents*. Metric units are noted in parentheses following the U.S. Customary Units. The references to Metric or Metric units apply only when the project or portion of the project expressly calls for Metric units of measure.

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- Section 102. – BID, AWARD, AND EXECUTION OF CONTRACT
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Section 303. – ROAD RECONDITIONING

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Section 554. – REINFORCING STEEL

Section 562. – TEMPORARY WORKS

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Section 619. – FENCES, GATES, CATTLEGUARDS, AND BOLLARDS

Section 625. – TURF ESTABLISHMENT

Section 628. – TEMPORARY STREAM DIVERSIONS

Section 635. – TEMPORARY TRAFFIC CONTROL

Section 648. – STREAM SIMULATION

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Section 704. – SOIL

Section 705. – ROCK

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Section 709. – REINFORCING STEEL AND WIRE ROPE

Section 713. – ROADSIDE IMPROVEMENT MATERIAL

Section 720. – STRUCTURAL WALL AND STABILIZED EMBANKMENT MATERIAL

Section 725. – MISCELLANEOUS MATERIAL

DIVISION 100
GENERAL REQUIREMENTS

Section 101. – TERMS, FORMAT AND DEFINITIONS

101.01 Meaning of Terms. *Add the following:*

Delete all references to the TAR (Transportation Acquisition Regulations) in the specifications.

101.03 Abbreviations. *Add the following to (a) Acronyms:*

| | |
|------|---|
| BLM | Bureau of Land Management |
| FTMS | Federal Test Method Standard |
| SPCC | Spill Prevention Control and Countermeasure |
| TESC | Temporary Erosion and Sediment Control |

Add the following to (b) U.S. Customary unit abbreviations and symbols:

| | |
|----|----------|
| hr | Hour |
| mp | Milepost |

101.04 Definitions. *Delete the definitions for the following terms:*

Bid
Bidder
Contract Time

Delete these definitions and replace the following:

Culvert – Any structure with a bottom, regardless of fill depth, depth of invert burial, or presence of horizontal during surface, or any bottomless (natural channel) structure with footings that will not have wheel loads in direct contact with the top of the structure.

Notice to Proceed – Written notice from the Contracting Officer to the Contractor to begin the contract work.

Right-of-Way – A general term denoting (1) the privilege to pass over land in some particular line (including easement, lease, permit, or license to occupy, use, or traverse public or private lands), or (2) Real property necessary for the project, including roadway, buffer areas, access, and drainage areas.

Add the following definitions:

In-Water Work – Work below the ordinary high-water mark (OHWM or OHW).

Maximum Particle Size – The smallest sieve opening through which all particles in the material will pass.

Period of Performance (POP) – The specified time allowed for completion of contract work.

Pioneer Road – Temporary construction access built along the route of the project.

Protected Stream Course – A drainage shown on the plans that requires designated mitigation measures.

Shop Drawing – Include drawings, diagrams, layouts, schematics, descriptive literature, illustrations, lists or tables, performance and test data, and similar materials furnished by Purchaser to explain in detail specific portions of the work required by the contract.

Utilization Standards – The minimum size and percent soundness of trees described in the specifications to determine merchantable timber.

Section 102. – BID, AWARD, AND EXECUTION OF CONTRACT

Delete this section in its entirety.

Section 103. – SCOPE OF WORK

103.01 Intent of Contract. *Add the following:*

Additional work on sites within or in the vicinity of the project may be requested by the CO. Such work generally will be in response to natural disasters. Provide cost proposals and perform work as ordered by the CO.

103.02 Disputes. *Delete in its entirety.*

103.03 Value Engineering. *Delete in its entirety.*

103.04 Contractor Records. *Delete in its entirety.*

Section 104. – CONTROL OF WORK

104.01 Authority of the Contracting Officer (CO). *Delete in its entirety.*

104.02 Authority of Contracting Officer's Representative. *Delete in its entirety.*

104.03 Authority of Inspectors. *Delete in its entirety.*

104.06 Specifications and Drawings. *Delete in its entirety.*

(c) As-built drawings. *Modify the first sentence to read as follows:* Use one set of Contractor-provided plans exclusively for as-built drawings.

(d) Submittals. *Add this section:*

1. Schedule for Construction – Section 155
2. SPCC Plan – Section 107
3. TESC Plan – Section 157
4. Concrete Mix Design – Section 552
5. Portland Cement Product Certification – Section 552
6. Concrete Quality Control Certification – Section 552
7. Rebar Quality Control Certification – Section 554
8. Manufacturer’s assembly instructions for plate culvert – Section 603
9. Aggregate gradation and test results – Section 302
10. Load Rating Calculations and Report – Section 603.03
11. Manufacturer’s assembly instructions – Section 603.04
12. Foundation Footing and Stemwall Calculations and Drawing – Section 552.01

104.07 Coordination of Contract Documents. *Delete in its entirety.*

Section 106. – ACCEPTANCE OF WORK

106.05 Statistical Evaluation of Work and Determination of Pay Factor. *Delete in its entirety, including all references to Statistical Evaluation. All references to Section 106.05 shall be replaced with references to Section 106.04 Measured or Tested Conformance.*

Section 107. – LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

107.01 Laws to be Observed. *Delete in its entirety.*

107.03 Bulletin Board. *Delete in its entirety.*

107.05 Responsibility for Damage Claims. *Delete in its entirety.*

107.06 Contractor’s Responsibility for Work. *Delete in its entirety.*

107.09 Legal Relationship of the Parties. *Delete in its entirety.*

107.10 Environmental Protection.

(b) Oil and hazardous substances. *Add the following to the end of the third paragraph:*

Sand or soils are not approved absorbent materials.

Add the following to the end of the fourth paragraph:

Report the spill to the appropriate federal, state, and local authorities as required by the SPCC plan or hazardous spill plan.

(c) Dirt, plant, and foreign material. *Add the following:*

All vehicles and equipment entering the project area must be clean of noxious weeds and free from oil leaks and are subject to inspection. Wash all construction equipment to thoroughly remove all dirt, plant, and other foreign material prior to entering the project. Particular attention must be shown to the under carriage and any surface where soil containing exotic seeds may exist. All the COR to inspect each piece of equipment before entering the project. Provide the cleaning and inspection records to the COR. Equipment found operating on the project that has not been inspected, or has oil leaks will be shut down and subject to citation.

Add the sections following:

(e) Construction activity restrictions. The in-stream work window is July 1st until September 15th. No in-stream work will be allowed outside of this time without prior approval from Oregon Department of Fish & Wildlife.

(f) Garbage. The Contractor shall daily contain or remove all garbage (particularly food products) from the vicinity of the work to minimize the risk of attracting predators.

Section 108. – PROSECUTION AND PROGRESS

Delete this section in its entirety.

Section 109. – MEASUREMENT AND PAYMENT

109.03 Weighing Procedures and Devices.

(c) Project weighing system. *Add the following:*

Manual scales may be used if approved in writing by the CO and if the method of weighing meets all other contract requirements. For aggregates weighed for payment, adjust scale weights of material to deduct the daily average moisture content in excess of 2 percentage points over optimum moisture as determined by AASHTO T 99 or the designated compaction method. If moisture determination is necessary, determine the daily average moisture content in accordance with AASHTO T 255, from not less than three representative samples of aggregate taken at random intervals each day that aggregate is being weighed.

109.06 Pricing of Adjustments. *Delete in its entirety.*

109.07 Eliminated Work. *Delete in its entirety.*

109.08 Progress Payments. *Delete in its entirety.*

109.09 Final Payment. *Delete in its entirety.*

DIVISION 150 **PROJECT REQUIREMENTS**

Section 151. - MOBILIZATION

Payment

151.03 *Add the following:*

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|-----------------|----------------------------|-----------------|
| 15101 | Mobilization | Lump Sum |

Section 152 – CONSTRUCTION SURVEY AND STAKING

Payment

152.08 *Delete in its entirety and substitute the following:*

The bid schedule does not contain an estimated quantity for Construction Survey and Staking. This work will not be paid for directly but will be considered a subsidiary obligation of the Contractor under related sections.

Section 153 - CONTRACTOR QUALITY CONTROL

Construction Requirements

153.03 *Add the following paragraph to the end of Subsection 153.03(b):*

(b) Quality Control Procedures

Submit written proposals for approval of alternate AASHTO or State approved test methods. Alternate methods may be allowed based on documented equivalence to the specified method.

153.08 Delete Subsection 153.08 and replace with the following:

Maintain complete testing and inspection records by pay item number and make them accessible to the CO.

Measurement and Payment

153.10 and 153.11 Delete in its entirety and substitute the following:

153.10 Measurement and Payment

Do not measure Contractor Quality Control for payment. See Subsection 109.05.

Section 156. – PUBLIC TRAFFIC

Description

156.01 Delete in its entirety and substitute the following:

This work consists of controlling and protecting traffic within the project area. This section supplements FAR Clause 52.236-13, Accident Prevention.

Construction Requirements

156.02 Qualifications. Delete this section in its entirety.

156.04 Maintaining Roadways During Work Delete in its entirety and substitute the following:

Perform roadway maintenance as follows:

- (a) Maintain the roadway, detours, and diversions in a safe and acceptable condition. If corrective action is requested and the corrective action is not taken immediately, the condition may be corrected, and the cost of the corrective action deducted from monies due to the Contractor.
- (b) Maintain intersections with roads, residences, ranches, and other features.

156.06 Limitations of Construction Operations. Delete (i) in its entirety and substitute the following:

- (i) Contractor may close the project site for the duration of the performance period. Install closure signs at location indicated on Project Location Map.

156.07 Nighttime Operations. Delete in its entirety.

156.09 Traffic Control Supervisor. Delete in its entirety.

Measurement and Payment

156.10 Add the following:

Do not measure Public Traffic for payment. Payment for contract work is provided indirectly. See Subsection 109.05.

Section 157. – SOIL EROSION AND SEDIMENT CONTROL

Measurement and Payment

157.17 and 157.18 Delete in its entirety and substitute the following:

157.17 Measurement and Payment

Do not measure Soil Erosion and Sediment Control for separate payment, the work is incidental to Subsections 603 and 628.

DIVISION 200

EARTHWORK

Section 201. - CLEARING AND GRUBBING

Construction Requirements

201.03 General. Delete in its entirety and substitute the following:

Construct erosion control measures according to Section 157 submittal and drawings prior to commencing clearing and grubbing work. Perform work within required limits. Do not damage vegetation outside of clearing limits.

201.06 Disposal. Delete in its entirety and substitute the following:

Merchantable timber is the Government's property. Deck in area indicated on drawings. Root-wads may be left attached to timber.

All non-merchantable timber, vegetation and limbs shall be chipped and scattered on-site. This also applies to the waste area to be constructed.

Payment

201.09 Add the following:

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|-----------------|----------------------------|-----------------|
| 20101 | Clearing & Grubbing | Lump Sum |

Section 203. – REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Description

203.01 *Delete in its entirety and add the following:*

This work consists of removing and disposing of metal culvert and other obstructions.

Construction Requirements

203.04 Salvaging Material. *Delete in its entirety:*

203.05 Removing Material. *Delete in its entirety:*

203.07 Disposing of Material.

Recycle or dispose of material legally off the project. Submit a statement documenting the nature and quantity of material processed or sold for recycling. Otherwise, submit a signed copy of the disposal agreement before disposal begins.

- (a) Remove from project.** *Delete in its entirety and add the following:*
- (b) Burn.** *Delete in its entirety.*
- (c) Bury.** *Delete in its entirety.*
- (d) Hazardous material.** *Delete in its entirety.*

Measurement and Payment

203.07 and 203.08 *Delete in its entirety and add the following:*

There is no separate measurement and payment bid item for removal of existing culvert, as it is considered incidental to other work specified.

Section 204. – EXCAVATION AND EMBANKMENT

204.02 Definitions. *Add the following under (a) Excavation:*

- (4) Bedrock excavation.** Bedrock excavation is defined as material that cannot be easily excavated with a 40,000 pound or greater class excavator equipped with digging teeth. Remove bedrock with hydraulic or air hammer or other approved methods. Use of explosives will not be allowed. Contractor shall obtain COR approval prior to commencing bedrock excavation.

Construction Requirements

204.14 Disposal of Unsuitable or Excess Material. *Add the following:*

Designated waste disposal area:

- (a) All unsuitable and excess material shall be hauled to the waste area at the location shown on the drawing.
- (b) The access road into the waste area should be cleared of brush. The waste disposal area will be marked with flagging by the Government. The waste will be placed toward the back of the existing stockpile site.
- (c) Embankment materials in disposal site shall be compacted by tracking construction equipment over the materials in 2-foot lift, two passes for each lift is required.
- (d) No nuclear testing is required.
- (e) Embankment materials shall be placed at least four (4) feet away from the existing ditch lines.
- (f) The surface of the embankment materials shall be slightly crowned. Edge of the embankment materials shall be sloped at 1-1/2 to 1. No embankment materials shall be left lodged against standing trees.
- (g) Upon the completion of the embankment material, seeding and mulched shall be placed in accordance with Section 625 Turf Establishment.

Payment

204.17 *Add the following:*

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|-----------------|----------------------------|-----------------|
| 20401 | Excavation and Embankment | Lump Sum |
| 20402 | Granular Backfill | Ton |
| 20403 | Imported Borrow | Cubic Yard |

Section 209. – STRUCTURAL EXCAVATION AND BACKFILL

Description

209.01 *Modify the first sentence to read as follows:*

This work consists of excavating material for the construction of a multi-plate corrugated metal pipe-arch.

Materials

209.02 *Add the following:*

| | |
|--------|--------|
| Riprap | 705.02 |
|--------|--------|

Construction Requirements

209.06 Dewatering. *Add the following:*

Construct diversions according to Subsection 628 Temporary Stormwater Diversions.

Payment

209.12 *Delete in its entirety and add the following:*

The bid schedule does not contain an estimated quantity for structural excavation and backfill for selected major structures. This work will not be paid for directly but will be considered a subsidiary obligation of the Contractor under Section 204 – Excavation and Embankment.

DIVISION 250
SLOPE REINFORCEMENT AND RETAINING WALLS

Section 251. – RIPRAP

Material

251.02 Conform to the following Subsections: *Delete the following:*

| | |
|-----------------------------|--------------|
| Geotextile | 714.01 |
| Neat Hydraulic cement grout | 725.13(a)(2) |

Construction Requirements

251.06 Grouted Riprap. *Delete in its entirety.*

Measurement

251.09 *Delete in its entirety and replace with the following:*

Payment measured by the ton in the bid schedule and according to Subsection 109.04.

Payment

251.10 *Add the following:*

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|-----------------|-------------------------------------|-----------------|
| 25101 | Class 3 Riprap – Slope Protection | Ton |
| 25102 | Class 3 Riprap – Embedment | Ton |
| 25103 | Class 3 Riprap – Channel Protection | Ton |
| 25104 | Class 3 Riprap – Scour Protection | Ton |

Section 255. – MECHANICALLY-STABILIZED EARTH WALLS

Payment

255.08 *Add the following:*

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|-----------------|--|-----------------|
| 25501 | MSE Retaining Walls, including Stamped Shop Drawing and Design | Lump Sum |
| 25502 | 3" – 6" Granular Rock | Ton |

DIVISION 300

AGGREGATE AND BASE COURSES

Section 302. – CRUSHED AGGREGATE

Material

302.02 *Add the following:*

Crushed aggregate shall meet the requirements of ODOT's 2024 Standard Specifications for Construction Section 02630 – Base Aggregate.

302.04 Mixing and Spreading. *Add this section following:*

(d) Approval of Subgrade. Before constructing the aggregate base course, the Contractor shall obtain approval from COR by showing satisfactory subgrade shaping.

Measurement

302.07 *Delete in its entirety and replace with the following:*

Payment measured by the ton in the bid schedule and according to Subsection 109.04.

Payment

302.08 Add the following:

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|-----------------|---------------------------------------|-----------------|
| 30201 | 3/4"-0" Crushed Aggregate – Surface | Ton |
| 30202 | 1-1/2"-0" Crushed Aggregate – Bedding | Ton |

DIVISION 550
BRIDGE CONSTRUCTION

Section 552 – STRUCTURAL CONCRETE

Description

552.01 Delete in its entirety and substitute the following:

This work consists of furnishing, placing, finishing, and curing concrete in foundation including stem walls and footings. Provide professional engineer stamped design calculations and drawings for the foundation footings and stem walls.

This work consists of furnishing and placing formworks; furnishing and placing reinforced steel, placing and finishing concrete; and materials testing for foundation including stem walls and footings. Furnishing and placing grout in key connections between the foundation and the plate culvert structures.

552.02 Add the following Sections and Subsection:

| | |
|-------------------|-----|
| Reinforcing Steel | 554 |
| Temporary Work | 562 |

Payment

552.20 Add the following:

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|-----------------|---|-----------------|
| 55201 | Concrete Foundation including Stamped Shop Drawing and Design | Cubic Yard |

55202 Grout Cubic Foot

Section 554 – REINFORCING STEEL

Payment

554.12 *Add the following:*

Include all costs associated with the Section 554 – Reinforcing Steel in the unit price for Section 552 – Structural Concrete.

DIVISION 600

INCIDENTAL CONSTRUCTION

Section 603 – STRUCTURAL PLATE STRUCTURES

Description

603.02 *Add the following:*

All members including bolts, washers and nuts shall be galvanized. Multiplate arch shall be 24'-0" span 12'-0" rise gage 8 galvanized steel with 2" x 6" corrugations.

603.03 General. *Add the following:*

Submit structural load calculations for the long-span structural plate arch for the following vehicles configurations: HL93, Type 3, Type 3S2 (Federal and ODOT trucks), Type 3-3, NRL, Special Hauling Vehicles SU4 through SU7, and Emergency Vehicles EV2 and EV3. Load rating calculations shall provide rating factors for each of these truck configurations. Utilize the Load and Resistance Factor Rating method when performing structural load rating calculations. The load rating calculations shall be signed by a professional engineer registered in the State of Oregon, or in the state where the fabricator's offices are located. Do not place or backfill structure until the COR has approved the excavation and foundation. Submit two sets of shop drawings of the culvert to the COR at least 14 days before planned construction.

Payment

603.07 *Add the following:*

Payment will be made under:

| Item No. | Pay Item | Pay Unit |
|-----------------|---|-----------------|
| 60301 | 24'-0" x 12'-0" Multiplate Arch Culvert | Lump Sum |

Section 625. – TURF ESTABLISHMENT

Description

625.01 *Delete in its entirety and replace with the following:*

This work consists of spreading grass seed and straw mulch over areas of disturbed soil. Mulch shall comply with 713.05(a). Wood chips from clearing and grubbing may be used in lieu of mulch provided there are enough wood chips to provide required coverage. Government to furnish a native grass seed mix in sufficient quantity for the sites. Native grass seed will be available for pick up at the Coos Bay District office located at 1300 Airport Lane North Bend, OR 97459 during regular business hours. Arrange pick up time with the COR 24 hours in advance.

Payment

625.12 *Add the following:*

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|-----------------|----------------------------|-----------------|
| 62501 | Seeding and Mulching | Lump Sum |

Section 628. – TEMPORARY STREAM DIVERSIONS

Place a mesh screen over the intake with maximum mesh size of 3/32 inch.

Payment

628.09 *Add the following:*

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|-----------------|---|-----------------|
| 62801 | Temporary Stream Diversion, Soil Erosion & Sediment Control | Lump Sum |

Section 648. – STREAM SIMULATION

Add Section 648

Description

648.01 This work consists of placing sediment and boulders to simulate a natural streambed, profile and cross section through road stream crossings. The placement for fish habitat and rest stop, rock bands, and other in stream rock structures, is included within this specification.

Material

648.02 Conform to the following Section and Subsections:

| | |
|--------|--------|
| Riprap | 251 |
| Rock | 705.10 |

Construction Requirements

648.03 General. Place streambed simulation material on a prepared surface to form a well-graded, low permeability mass, similar in appearance and texture to the natural streambed. Do not drive metal track or rubber tired equipment directly on metal or concrete structure surfaces.

648.04 Placed Streambed Simulation Material and Channel Rock.

- a. **Method A, Machine Placed.** Place stream simulation material in one or more layers with a layer depth not exceeding 12" depth. Place stream simulation material by methods that do not cause segregation or damage to the prepared surface. Place or rearrange individual rocks by mechanical methods to obtain a compact low permeability mass matching streambed simulation details. Fill voids before placing the next lift and compact each layer until there is no visible evidence of further consolidation. Place channel rock, rock bands, rock weirs, stream bank rock, and other in stream rock structures as designated.
- b. **Method B, End Dumped.** End dump stream simulation rock in one or more layers with a layer depth not exceeding 12". Distribute larger rocks throughout the mass of streambed simulation material. Obtain an uniformly dense, compact, low permeability bed with a surface matching stream simulation bed details. Fill voids before placing the next lift and compact each layer until there is no visible evidence of further consolidation. Place channel rock, rock bands, rock weirs, stream bank rock, and other in stream rock structures as designated.
- c. **Method C, Hand Placed.** Place stream simulation rock using hand labor. Material may be each layer using tamping rods or other hand operated mechanical equipment to obtain a uniformly dense, compact, low permeability bed with a surface matching stream simulation bed details. Fill voids before place the next lift, and compact each layer until there is no visible evidence of further consolidation. Place channel rock, rock bands, rock weirs, stream bank rock, and other in stream rock structures as designated.

648.05 Streambed Surface. Fill all voids in the streambed surface left during placement channel rock and streambed simulation material with streambed sediment. Use water pressure, metal tamping rods, and similar hand operated equipment to force material into all surface voids.

648.06 Acceptance. Placing streambed material will be evaluated under Subsection 106.02 and 106.04.

Measurement

648.07 Payment measured by the ton in the bid schedule and according to Subsection 109.04.

Measure riprap under Section 251.

Payment

648.08 *Add the following:*

Payment will be made under:

| Item No. | Description of Item | Pay Unit |
|----------|----------------------------|----------|
| 64801 | River-Run Rock - Embedment | Ton |

DIVISION 700 **MATERIAL**

Section 705. – Rock

Add Subsection 705.10:

705.10 Streambed Simulation Rock. Furnish a mixture of gravel, cobble, and boulders to simulate a natural streambed. The river-run rock should be hard, durable particles or fragments of rounded stone to the sizes indicated. Conform to the following:

- (a)** The River-run rock material shall be rounded and not have manufactured fractured faces on more than 25% by weight of the mixture.
- (b)** Rock shall show a durability value of not less than 45 as determined by AASHTO T 96.
- (c)** All material shall be free from vegetative matter and lumps or balls of clay.

Table 705-4
River-Run Material
(Percentage of Volume)

| Material Sizes | Percentage |
|----------------|------------|
| Fines | 30 |
| 1/2" – 6" | 30 |
| 6" | 30 |
| 9" – 12" | 10 |

