

BIDDING DOCUMENTS

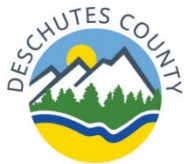
PROJECT: TUMALO RESERVOIR RD IMPROVEMENT

PROJECT #: W66134

BID OPENING: DECEMBER 17, 2025 2:00PM

COMPLETION DATE: DECEMBER 31, 2026

CONTRACTING AGENCY:



**ROAD
DEPARTMENT**

**61150 SE 27TH STREET
BEND, OREGON 97702
PHONE: (541) 388-6581
FAX: (541) 388-2719
WEB: www.deschutescounty.gov/road**



**ROAD
DEPARTMENT**

BIDDING DOCUMENTS

TUMALO RESERVOIR RD IMPROVEMENT

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DESCRIPTION OF PARTS OF BIDDING DOCUMENTS WHICH ARE NOT BOUND HEREIN:

PROJECT PLANS, TITLED "DESCHUTES COUNTY – TUMALO RESERVOIR RD IMPROVEMENT – AUGUST 2025"

OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2024

The Specification that is applicable to the Work on this Project is the 2024 edition of the "Oregon Standard Specifications for Construction". All number references in these Special Provisions shall be understood to refer to the Sections and subsections of the Standard Specifications bearing like numbers and to Sections and subsections contained in these Special Provisions in their entirety.

**DESCHUTES COUNTY, OREGON
ROAD DEPARTMENT
INVITATION TO BID
TUMALO RESERVOIR RD IMPROVEMENT**

Bids will be received, until but not after, **2:00 p.m. on December 17, 2025**, at which time all bids for the above-entitled public works project will be publicly opened and read aloud at the Deschutes County Road Department, 61150 SE 27th Street, Bend, Oregon 97702.

The Class of Work of this Project is a combination of Earthwork and Drainage or Asphalt Concrete Paving and Oiling. The value for this Contract is estimated to be between \$5,400,000 and \$6,000,000. The Work will consist of, but not be limited to, the following:

- Install and maintain temporary traffic control.
- Perform earthwork and full-depth reclamation.
- Construct new aggregate base and shoulders.
- Construct new asphalt concrete pavement.
- Construct stormwater drainage facilities.
- Install new guardrail.
- Install new permanent signs and pavement markings.
- Install fences and mailbox supports.
- Perform additional and incidental work as called for by the specifications and plans.

Specifications and other bid documents are available on the Deschutes County BidLocker Portal at <https://bidlocker.us/a/deschutescounty/BidLocker>. Inquiries pertaining to these specifications shall be directed to the Agency Contact, Blaine Wruck, Sr. Transportation Engineer, in writing at Blaine.Wruck@deschutescounty.gov or at 61150 SE 27th Street, Bend, Oregon 97702.

Bids can be made electronically using the Deschutes County BidLocker portal at the web address listed above, or on paper using the forms furnished by the County and mailed or hand-delivered to the Deschutes County Road Department at the address listed above. Email submissions will not be considered. Bidders who wish to submit a paper bid shall notify the Agency Contact, in writing, a minimum of forty-eight (48) business hours prior to the bid closing date and time. Bidders who submit a paper bid proposal but do not provide the required notification will be deemed non-responsive.

Bidders shall register a vendor account using the BidLocker website at <https://bidlocker.us/Account/Signup> and register with Deschutes County on the BidLocker platform in order to submit an electronic bid. BidLocker vendor registration is free of charge. If technical assistance is needed, please contact BidLocker at 267-225-1407 and/or help@bidlocker.us. Bidders are encouraged to allow extra time to ensure proposals are uploaded by the deadline.

Bidders shall include a Bid Security in the form of a Bid Bond or Cashiers Check for the minimum amount of 10% of the Bid Price. A scanned copy of the Bid Security shall be uploaded to the BidLocker website along with the bid submission. Within forty-eight (48) business hours of the bid closing date/time listed above, a hard copy of the Bid Security shall be delivered to the Deschutes County Road Department at the address listed above in a sealed envelope plainly marked "BID SECURITY FOR TUMALO RESERVOIR RD IMPROVEMENT" and with the name and address of the bidder.

Bidders must submit a Subcontractor Disclosure Statement. The subcontractor disclosure statement shall be provided prior to 4:00 p.m. on December 17, 2025, either by uploading to the BidLocker website in a separate bid stage, or by delivering a hard copy to the Deschutes County Road Department, 61150 SE 27th Street, Bend, Oregon 97702.

Because the work called for under this contract is for a public works project subject to state prevailing rates of wage under ORS 279C.800 to 279C.870, submission of a bid certifies that the bidder will comply with ORS 279C.838 and ORS 279C.840. Each bid must contain a statement as to whether the bidder is a resident bidder, as defined in ORS 279A.120. Vendors shall use recyclable and/or sustainably sourced products to the maximum extent economically feasible in the performance of the contract Work set forth in the Solicitation Documents.

Bidders shall be prequalified with the State of Oregon for the Class of Work stated above in accordance with ORS 279C.430 through 279C.450 and Deschutes County Code 12.52.020. The successful bidders and subcontractors providing labor shall maintain a qualified drug testing program for the duration of the contract. Bidders shall be licensed with the Construction Contractor's Board. Contractors and subcontractors need not be licensed under ORS 468A.720.

Deschutes County may reject any bid not in compliance with all prescribed bidding procedures and requirements, and may reject for good cause any or all bids upon a finding of Deschutes County it is in the public interest to do so. The protest period for this procurement is seven (7) calendar days.

CHRIS DOTY
Road Department Director

PUBLISHED:
DAILY JOURNAL OF COMMERCE: November 28, 2025
THE BEND BULLETIN: November 28, 2025

INFORMATION FOR BIDDERS

1. **General Description of Project.** A general description of the Work to be performed is contained in the Invitation to Bid. The scope is indicated in the applicable parts of these Solicitation Documents.
2. **Solicitation Documents.** The Solicitation Documents under which it is proposed to execute the Work consist of the material bound herewith. These solicitation documents are intended to be mutually complementary and to provide all details reasonably required for the execution of the proposed work.
3. **Form of Proposals.** All proposals must be submitted using one of the following methods:
 - Via the Deschutes County BidLocker portal at:
<https://bidlocker.us/a/deschutescounty/BidLocker>
 - Via paper bid proposal, on the forms furnished, mailed or hand-delivered to:

Deschutes County Road Department
61150 SE 27th Street
Bend, OR 97702

Bidders who wish to submit a paper bid proposal shall notify the Agency Contact, Blaine Wruck, Sr. Transportation Engineer, in writing a minimum of forty-eight (48) business hours prior to the Bid Closing date and time, at:

Email: blaine.wruck@deschutescounty.gov; or

Mailing Address: 61150 SE 27th Street, Bend, Oregon 97702.

Bidders who submit a paper bid proposal but do not provide the required notification will be deemed non-responsive.

4. **Substitutions.** Materials and/or products called for in the specifications are named in order to establish a standard of quality design. Manufacturers or suppliers of products similar to those specified may submit bids on the work providing requests for approval of substitution materials are made at least seven (7) calendar days prior to the bid opening. Adequate information on which to base approval or disapproval must be furnished to the Road Department Director or their representative and the Road Department Director shall be the sole judge of any request. When the Road Department Director approves a substitution, it is with the understanding that the Contractor guarantees the substituted article or materials to be equal or better than the specified.
5. **Preparation of Proposals.** For electronic bid proposal submissions, all fields in the BidLocker proposal form must be completed and all required documents must be uploaded. For paper bid proposal submissions, all blank spaces in the proposal form must be filled in, in ink, or typed, in both

words and figures where required. No changes shall be made in phraseology of the forms. Written amount shall govern in cases of discrepancy between the amount stated in writing and amount stated in figures.

Any proposal shall be deemed informal which contains omissions, alterations, or additions of any kind, or prices uncalled for, or which, in any manner shall fail to conform to the conditions of the published Invitation to Bidders.

Bid proposals shall be submitted by the principal officers or partners of the organization, corporation or partnership. If a corporation makes a proposal, the corporate seal must be affixed. In the case of a proposal made by a joint venture, the Bid Proposal shall be submitted according to the instructions in the Specifications.

Any additions, conditions, limitations or provisions inserted by the bidder will render the proposal irregular and may cause its rejection.

6. **Submission of Proposals.** All proposals must be submitted in the time and in the manner prescribed in the Invitation to Bid. A responsive bid proposal must include the completed items listed in Section 18 of the Information for Bidders.

Bidders submitting an electronic Bid Proposal shall register a vendor account using the BidLocker website at <https://bidlocker.us/Account/Signup> and register with Deschutes County on the BidLocker platform in order to submit an electronic bid. BidLocker vendor registration is free of charge. If technical assistance is needed, please contact BidLocker at 267-225-1407 and/or help@bidlocker.us. Bidders are encouraged to allow extra time to ensure proposals are uploaded by the deadline.

7. **Modification or Withdrawal of Proposal.** Modification of Bid Proposals is permitted according to the Specifications.

For electronic bids, the Bidder may submit multiple electronic Bids, or a Paper Bid, for the same Project to revise the electronic Bid. The last electronic Bid submitted shall supersede all previous submittals. If both paper Bids and electronic Bids are submitted for the same solicitation, the paper Bids will prevail.

Proposals may be withdrawn prior to the Bid Closing time indicated in the Invitation to Bid according to the Specifications. No proposal may be withdrawn after the Bid Closing time, unless the County has failed to comply with the time limits applicable to award of the Contract.

8. **Disclosure of First Tier Subcontractors.** Bidders are required to disclose information about certain first-tier subcontractors (see ORS 279C.370). Specifically, when the contract amount of a first-tier subcontractor furnishing labor or labor and materials would be greater than or equal to: (i) 5% of the project Bid, but at least \$15,000; or (ii) \$350,000 regardless of the percentage, the Bidder must disclose the following information about that subcontract either in its Bid submission, or within two hours after Bid Closing:

- (A) The subcontractor's name;
- (B) The category of Work that the subcontractor would be performing, and
- (C) The dollar value of the subcontract.

If the Bidder will not be using any subcontractors that are subject to the above disclosure requirements, the Bidder is required to indicate "NONE" on the accompanying form.

THE CONTRACTING AGENCY MUST REJECT A BID IF THE BIDDER FAILS TO SUBMIT THE DISCLOSURE FORM WITH THIS INFORMATION BY THE STATED DEADLINE (see OAR 137-049-0360).

A Bidder shall submit the disclosure form either in its Bid submission or within two working hours after Bid Closing in the manner specified by the Invitation to Bid.

Compliance with the disclosure and submittal requirements of ORS 279C.370 and OAR 137-049-0360 is a matter of Responsiveness. Bids that are submitted by Bid Closing, but for which the disclosure submittal has not been made by the specified deadline, are not Responsive and shall not be considered for Contract Award.

Substitution of affected first-tier subcontractors shall be made only in accordance with ORS 279C.585.

9. **Bid Security.** The Bid Security shall be included according to the instructions given in the Invitation to Bid.

If a bidder bids more than one bid proposal, each proposal must be accompanied by separate bid security. The County reserves the right to retain the bid security of the three (3) lowest bidders until the successful bidder has signed and delivered the contract and furnished one hundred percent (100%) Performance and Payment Bonds.

10. **Conditions of Work.** Each bidder must inform themselves of the conditions relating to the execution of the work, and make themselves thoroughly familiar with all the Contract documents. Failure to do so will not relieve the successful bidder of their obligations to enter into a Contract and complete the contemplated work in strict accordance with the Contract documents. Each bidder must inform themselves on all laws and statutes, both Federal and State, relative to the regular execution of the work, the employment of labor, protection of public health, access to the work and similar requirements.

11. **Award of Contract.** The award of the contract will be made by the County on the basis of the proposal which in its sole and absolute judgment will best serve the interest of the County.

County will issue a Notice of Intent to Award contract. Any bidder may protest the notice of intent to award contract within seven (7) calendar days of the Notice of Intent to Award contract.

The County reserves the right to accept or reject any or all proposals, and to waive any informalities and irregularities in said proposals.

12. **Payment and Retainage.** Payment for work performed will be made by the County as specified in the Special Provisions based upon the contract unit prices on the Bid Schedule.

Upon substantial completion of the contract, Contractor may request a partial release of retainage held by the County. The maximum amount of a request for a partial release retainage shall be the Contract amount less 150 percent of the estimated cost of the Contract yet to be performed through final completion. Upon final completion, Contractor may request release of the remaining retainage. Each request for the release of retainage shall be accompanied by the Consent of the contractor's surety.

13. **Performance Bond and Payment Bond.** The successful bidder shall file with the County, at the time of execution of the Contract, a Performance Bond and a Payment Bond each of not less than the Contract price on the forms furnished by the County. The Surety Company furnishing the required bonds shall have a sound financial standing and a record of service satisfactory to the County, and shall be authorized to do business in the State of Oregon. In lieu of a Performance Bond, the contractor may file cash, a Certified or Cashier's Check made payable to Deschutes County, Oregon. This money, check or certificate will be held by the County conditioned on and subject to the same provisions as set forth in the attached Performance Bond. ORS 279C.380 allows no flexibility for a cash deposit in lieu of a Payment Bond.

14. **Required Public Works Bond.** Before starting work on this project the Contractor and every subcontractor to which Contractor is a party for the performance of work under this contract must have a public works bond filed with the Construction Contractors Board, 700 Summer St. NE, Suite 300, Salem, Oregon 97309-5052, before starting work on the project, unless exempt under section 2 (7) or (8) of 2005 Oregon Laws Chapter 360 ORS 279C.836(7) or (8). Every subcontract to which Contractor is a party for the performance of work under this contract shall contain a provision requiring the subcontractor to have a public works bond filed with the Construction Contractors Board before starting work on this project, unless exempt under ORS 279C.836 (7) or (8) section 2 (7) or (8) of 2005 Oregon Laws Chapter 360.

15. **Failure to Execute Contract.** Upon failure by the successful bidder to enter into the Contract and furnish the necessary bond within fifteen (15) calendar days from the date the Contract documents are sent or otherwise conveyed to the Bidder, the bid bond accompanying the bid shall be forfeited, the proceeds paid to the County, and the award withdrawn. The award may then be made to the next lowest responsible bidder, or all bids rejected and the work is re-advertised.

16. **Disclaimer of Responsibility.** Neither the County nor the Road Department Director will be responsible for oral interpretations. Should a bidder find discrepancies in, or omissions from the drawings, specifications, or other pre-bid documents, or be in doubt as to their meaning, they shall notify the County at least seven (7) calendar working days prior to the bid

opening date. Any and all such interpretations, any supplemental instructions or approval of manufacturer's materials to be substituted will be made only in the form of written addenda to the specifications, which, if issued, will be posted on the Deschutes County BidLocker Portal, not later than two (2) calendar days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under their bid as submitted. All addenda so issued are to be covered in the bid for such addenda to become part of the Agreement.

17. Permits and Licenses. The successful bidder shall be required to have or obtain, at their expense, any and all permits and licenses required by Deschutes County, any City within the County, and the State of Oregon, pertaining to the service he proposes to furnish. Licensing shall include without limitation registration with Construction Contractors Board and in the case of professional engineers and architects proof of current licensing with the appropriate State licensing board.

18. Minimum Requirements of Bid. The following minimum requirements as to the form and manner of submitting bids must be strictly observed; variance from these requirements will result in rejection of the bid as unresponsive.

a. Each Bid must be submitted in the time and in the manner prescribed in the Invitation to Bid. The inclusions required for a bid to be considered responsive are listed below:

- Bid Proposal Form
- Bid Bond

Electronic Bid Proposal

- i. Copy included in BidLocker proposal submission
- ii. Original hard-copy received by County within forty-eight (48) business hours of Bid Closing

Paper Bid Proposal

- i. Original hard-copy included in Bid Proposal submission
- First-Tier Subcontractor Disclosure Form
- Signed Addenda Certification Form

b. Each Bid must be submitted in the manner prescribed in Section 3.

c. Each Bid must be signed by the bidder.

c. Bid security, in the required form and amount, must accompany each bid. The original Bid Bond shall be delivered to Deschutes County Road Department, 61150 SE 27th Street, Bend, OR 97702, prior to the date and time specified for bid closing.

d. Each field in the proposal must be filled in unless an alternative is provided. Each separate bid item must be bid on, unless the proposal form clearly indicates otherwise.

- f. A proposal containing modifications, deletions, exceptions or reservations which in any way conflict with or purport to alter any substantive provision contained in the bid documents, will not be considered.
 - g. A conditional bid will not be considered.
19. **Plans.** Plans are not to be taken or construed as being reproduced at precisely the indicated scale. Where the plans are photographic reductions of the original tracings, the approximate amount of reduction is indicated by a note on the plans.
20. **Specifications.** The Specifications are the minimum acceptable specifications for the project for which proposals are sought. Any deviation from the Specifications contained herein, shall render the bid non-responsive.
21. **Examination of Site and Conditions.** Bidders are required, prior to submission of bids, to carefully examine the site and the Plans and Specifications of the contemplated work. Errors and omissions in the Plans or Specifications shall be called to the attention of the Agency prior to submission of bid so that addenda may be issued. Failure to do so on the part of the Contractor does not relieve them of responsibility for a correct and completely finished job. Only a written interpretation or correction by addendum shall be binding.
22. **Pre-Bid Inquiries.** Bidders with pre-bid inquiries shall contact Blaine Wruck, Sr. Transportation Engineer, in writing at:
- Email: blaine.wruck@deschutescounty.gov; or
- Mailing Address: 61150 SE 27th Street, Bend, Oregon 97702.
- Contracting Agency will not mail notice of Addenda, but will publish notice of any Addenda on Contracting Agency's Web site. Addenda may be downloaded off the Contracting Agency's Web site. Bidders should frequently check the Contracting Agency's Web site until closing, i.e., at least once weekly until the week of Closing and at least once daily the week of the Closing.
23. **Prequalification of Bidders.** Bidders shall be pre-qualified with the State of Oregon in accordance with ORS 279C.430 and Deschutes County Code 12.52.020. The prequalification class is as shown in the Invitation to Bid. Bidders shall be prequalified in the appropriate class of work at the time of bid opening. Bidders shall be licensed with the Construction Contractor's Board under OAR 137-049-0230. Contractors and subcontractors need not be licensed under ORS 468.710.
24. **Contract Award.** Deschutes County reserves the right to postpone award of the contract for fourteen (14) calendar days from the date of the bid opening, or until a final decision is made on a protest, whichever is later.

- 25. Bidder Statement.** This Contract is subject to ORS 279C.800 to ORS 279C.870. Submission of a bid for the project shall constitute a statement that the bidder agrees to be bound by and will comply with provisions of 279C.838, 279C.840 or 40 U.S.C. 3141 to 3148. The successful bidder and subcontractors providing labor shall maintain a qualified drug-testing program for the duration of the Contract.

By submitting a bid for the project, the bidder certifies that the bidder has not discriminated and will not discriminate against any disadvantaged business enterprise, minority-owned business, women-owned business, emerging small business, or business that a service-disabled veteran owns, in obtaining any required subcontracts. Failure to do so shall be grounds for disqualification.

BID PROPOSAL FORM
TUMALO RESERVOIR RD IMPROVEMENT

BIDDER NAME

CCB#

ADDRESS

CITY

STATE

ZIP CODE

CONTACT NAME

CONTACT PHONE NUMBER

CONTACT EMAIL ADDRESS

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Proposal are those named herein; that this Proposal is, in all respects, fair and without fraud; and it is made without collusion with any official of Deschutes County, Oregon, hereinafter called County; and that the Proposal is made without any connection or collusion with any person making another proposal on this contract.

The Bidder further declares that Bidder has carefully examined the contract documents; that Bidder is satisfied as to the quantities involved, including materials and equipment, and conditions of work involved; and that this proposal is made according to the provisions and under the terms of the contract documents, which documents are hereby made a part of this Proposal.

The Bidder agrees that all of the applicable provisions of Oregon law relating to public contracts (ORS Chapter 279) are, by this reference, incorporated in and made a part of this Proposal.

The Bidder declares that (check appropriate box):

☐ Bidder is a resident bidder of the State of Oregon.

☐ Bidder is a nonresident bidder from the State of _____.

The Bidder declares that Bidder is not in violation of any tax laws of the State of Oregon and Deschutes County, including but not limited to those programs listed in ORS 305.380(4),

The Bidder further agrees that if this Proposal is accepted, Bidder will, within fifteen (15) calendar days after conveyance of the contract documents to the Bidder, execute the contract with the County in the form of contract annexed hereto; and will, at the time of execution of the contract, deliver to the County the Performance and Payment Bonds (See Section 13 Information for Bidders) required herein; and will, to the extent of this Proposal, furnish all materials necessary to complete the work in the manner, in the time, and according to the methods as specified in the contract documents and required by the Road Department Director.

The Bidder certifies that it has a drug testing program in place for its employees, or warrants that a drug testing program will be in place prior to execution of this contract, that the drug testing program is in writing, that new employees must pass a drug screening, that existing employees may be tested for reasonable cause or when an employee is injured or involved in an accident resulting in property

damage. The Bidder agrees that each subcontractor providing labor under this Contract shall maintain a qualifying drug testing program for the duration of the Contract.

The Bidder agrees to comply with the provisions of ORS 279C.838, ORS 279C.840 or 40 U.S.C. 3141 to 3148.

The Bidder certifies that the Bidder has not discriminated and will not discriminate against any disadvantaged business enterprise, minority-owned business, women-owned business, emerging small business, or business that a service-disabled veteran owns, in obtaining any required subcontracts in accordance with ORS 279A.110(4).

The Bidder agrees to commence work upon the issuance of a "Notice to Proceed" by the County and fully complete the project according to the time schedule specially set forth in the contract documents.

The Bidder further agrees to pay liquidated damages for failure to complete within the specified time.

It is agreed that if the Bidder is awarded the contract for the work herein proposed and shall fail or refuse to execute the contract and furnish the contract and furnish the specified Performance and Payment Bond within fifteen (15) calendar days after the contract documents are sent or otherwise conveyed to the Bidder, then, in that event, the bid security deposited herewith according to the conditions of the Invitation to Bid and Information for Bidders shall be retained by the County as liquidated damages; and it is agreed that the said sum is a fair measure of the amount of damage the County will sustain in case the Bidder shall fail or refuse to enter into the contract for the said work and to furnish the Performance and Payment Bonds (See Section 13 Information for Bidders) as specified in the contract documents. Bid security in the form of a certified check shall be subject to the same requirements as a bond.

(SIGNATURE PAGE TO FOLLOW)

(IF SOLE PROPRIETOR OR PARTNERSHIP)

IN WITNESS HERETO, the undersigned has set hand this _____ day of _____, 2025.

SIGNATURE OF BIDDER

TITLE

(IF CORPORATION)

IN WITNESS WHEREOF, the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this _____ day of _____, 2025.

NAME OF CORPORATION

By: _____

Title: _____

Attest: _____

(SCHEDULE OF BID ITEMS TO FOLLOW)

ITEM NO.	SPEC SECTION	ITEM	UNIT	QTY	UNIT PRICE	AMOUNT
<u>Part 00200 - Temporary Features and Appurtenances</u>						
001	00210	Mobilization	LS	1	\$	\$
002	00221	Temporary Work Zone Traffic Control, Complete	LS	1	\$	\$
003	00280	Erosion Control	LS	1	\$	\$
004	00280	Check Dam, Type 1	EACH	56	\$	\$
005	00280	Sediment Fence	FOOT	16950	\$	\$
<u>Part 00300 - Roadwork</u>						
006	00305	Construction Survey Work	LS	1	\$	\$
007	00310	Removal Of Structures And Obstructions	LS	1	\$	\$
008	00310	Asphalt Pavement Saw Cutting	FOOT	700	\$	\$
009	00320	Clearing And Grubbing	LS	1	\$	\$
010	00330	General Excavation	CUYD	28525	\$	\$
011	00331	Subgrade Stabilization	SQYD	500	\$	\$
012	00390	Loose Riprap, Class 50	CUYD	20	\$	\$
013	00390	Riprap Basins	EACH	5	\$	\$
<u>Part 00400 - Drainage And Sewers</u>						
014	00445	12 Inch Ductile Iron Storm Pipe, 5 Foot Depth	FOOT	260	\$	\$
015	00470	Concrete Inlets, Type G-2	EACH	1	\$	\$
016	00470	Concrete Inlets, Ditch Inlet	EACH	1	\$	\$
017	00480	Drainage Curbs	FOOT	975	\$	\$
018	00490	Adjusting Boxes	EACH	4	\$	\$
<u>Part 00600 - Bases</u>						
019	00641	Aggregate Base and Shoulders	CUYD	13100	\$	\$
020	00643	Full Depth Reclamation Base	SQYD	26550	\$	\$
<u>Part 00700 - Wearing Surfaces</u>						
021	00744	Level 3, 1/2 Inch ACP Mixture, PG 58-34ER	TON	24900	\$	\$
022	00749	Extra For Asphalt Approaches	EACH	41	\$	\$
023	00759	Concrete Curbs, Standard Curb	FOOT	1200	\$	\$
024	00759	Concrete Curbs, Mountable Curb	FOOT	1100	\$	\$
025	00759	Concrete Drainage Apron	EACH	5	\$	\$
<u>Part 00800 - Permanent Traffic Safety And Guidance Devices</u>						
026	00810	Guardrail, Type 2A	FOOT	562.5	\$	\$
027	00810	Midwest Guardrail System, Type 2A	FOOT	3092.5	\$	\$
028	00810	Guardrail Terminals, Non-Flared	EACH	12	\$	\$
029	00810	Guardrail Terminals, Flared	EACH	1	\$	\$
030	00810	Extra For 8 Foot Posts	EACH	66	\$	\$
031	00810	Extra For Hand Dug Guardrail Posts	EACH	38	\$	\$
032	00840	Delineators, Type 1	EACH	240	\$	\$
033	00865	Thermoplastic, Extruded Or Sprayed, Surface, Non-Profiled	FOOT	117100	\$	\$
034	00867	Pavement Legend, Type AB: Stop	EACH	4	\$	\$
035	00867	Pavement Legend, Type AB: Stop Ahead	EACH	4	\$	\$
036	00867	Pavement Legend, Type AB: Bicycle Lane Stencil	EACH	16	\$	\$
037	00867	Pavement Legend, Type AB: Shared Lane Marking	EACH	16	\$	\$
038	00867	Pavement Bar: Type AB	SQFT	260	\$	\$
039	00868	Green Bicycle Lane, Preformed Thermoplastic Film	SQFT	1350	\$	\$

ITEM NO.	SPEC SECTION	ITEM	UNIT	QTY	UNIT PRICE	AMOUNT
<u>Part 00900 - Permanent Traffic Control And Illumination Systems</u>						
040	00905	Remove Existing Signs	LS	1	\$ _____	\$ _____
041	00920	Sign Support Footings	LS	1	\$ _____	\$ _____
042	00930	Perforated Steel Square Tube Slip Base Sign Supports	LS	1	\$ _____	\$ _____
043	00940	Signs, Standard Sheeting, Extruded Aluminum	SQFT	757.5	\$ _____	\$ _____
<u>Part 01000 - Right Of Way Development And Control</u>						
044	01012	Water Quality Mixture	CUYD	1800	\$ _____	\$ _____
045	01030	Permanent Seeding	ACRE	9	\$ _____	\$ _____
046	01050	Removing And Rebuilding Fence	FOOT	3100	\$ _____	\$ _____
047	01070	Single Mailbox Support	EACH	20	\$ _____	\$ _____
048	01070	Multiple Mailbox Support	EACH	22	\$ _____	\$ _____
049	01070	New Mailbox	EACH	2	\$ _____	\$ _____

TOTAL BID: _____

FOR DESCHUTES COUNTY USE ONLY

ADD _____ % FOR NON-RESIDENT BIDDER _____

TOTAL BID _____

FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

Project Name: TUMALO RESERVOIR RD IMPROVEMENT

Bid #: W66134

Bid Closing Date: December 17, 2025

Time: 2:00 P.M.

Name of Bidding Contractor: _____

This form must be submitted at the location specified in the Invitation to Bid on the advertised bid closing date and within two working hours (4:00 p.m.) after the advertised bid closing time.

List below the name of each subcontractor that will be furnishing labor or materials and that is required to be disclosed, the category of work that the subcontractor would be performing and the dollar value of the subcontract. Enter "NONE" if there are no subcontractors that need to be disclosed. (ATTACH ADDITIONAL SHEETS IF NEEDED).

	NAME	DOLLAR VALUE	CATEGORY OF WORK
1)	_____	\$ _____	_____
2)	_____	\$ _____	_____
3)	_____	\$ _____	_____
4)	_____	\$ _____	_____
5)	_____	\$ _____	_____
6)	_____	\$ _____	_____
7)	_____	\$ _____	_____
8)	_____	\$ _____	_____

Failure to submit this form by the disclosure deadline will result in a non-responsive bid. A non-responsive bid will not be considered for award.

Form submitted by

Bidder name: _____

Contact name: _____ Phone number: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That _____

_____ ,

hereinafter called the Principal, and _____

_____ ,

a corporation duly organized under the laws of the State of _____ ,

having its principal place of business at _____

_____ , in the State of _____ ,

and authorized to do business in the State of Oregon, as Surety, are held and firmly bound unto the

County of Deschutes, hereinafter called the Obligee, in the penal sum of _____

_____ DOLLARS (\$ _____),

for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The condition of this Bond is that, whereas, the Principal is submitting a bid proposal for the TUMALO RESERVOIR RD IMPROVEMENT project hereby made a part hereof;

NOW THEREFORE, if the said bid proposal submitted by the said principal be accepted, and the contract be awarded to said Principal, and if the said Principal shall execute the proposed contract and shall furnish the Performance and Payment Bond as required by the bidding and contract documents with the time fixed by said documents, then this obligation shall be void, otherwise to remain in full force and effect. Signed and sealed this _____ day of _____, 2025.

SURETY:

CONTRACTOR:

Name

Name

By: _____

By: _____

Title: _____

Title: _____

ADDENDA CERTIFICATION

Project Name: TUMALO RESERVOIR RD IMPROVEMENT

Bid #: W66134

Bid Closing Date: December 17, 2025

Time: 2:00 P.M.

Name of Bidding Contractor: _____

ADDENDA: Bidder certifies that Bidder received the following Addenda:

#_____ dated: _____

#_____ dated: _____

#_____ dated: _____

#_____ dated: _____

(Include additional lines if needed)

Form submitted by

Bidder name: _____

Contact name: _____ Phone number: _____

CONTRACT
FOR
TUMALO RESERVOIR RD IMPROVEMENT

THIS CONTRACT is made and entered into, this _____ day of _____, 2025, by and between DESCHUTES COUNTY, a political subdivision of the State of Oregon, by and through its Board of County Commissioners, hereinafter called "County", and _____, an Oregon corporation, hereinafter called "Contractor."

WITNESSTH:

THAT the said Contractor, in consideration of the sums to be paid by the County in the manner and at the time herein provided, and in consideration of the other covenants and agreements herein contained, hereby agrees to perform and complete the work herein described and provided for and to furnish all necessary machinery, tools, apparatus, equipment, supplies, materials and labor and do all things in accordance with the applicable Plans, the applicable Standard Specifications, the Special Provisions and other required provisions bound herewith or incorporated therein, and in accordance with such alterations or modifications of the same as may be made by the County, and according to such directions as may from time to time be made or given by the Engineer under the authority and within the meaning and purpose of this Contract. This agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Contractor.

THAT the applicable Plans, the applicable Standard Specifications, the Special Provisions and other required provisions bound herewith or incorporated therein and the Schedule of Items bound herewith are hereby specifically referred to and by this reference made a part hereof, and shall by such reference have the same force and effect as though all of the same were fully written or inserted herein.

THAT the Contractor shall faithfully complete and perform all of the obligations of this Contract, and in particular, shall promptly, as due, make payment of all just debts, dues, demands and obligations incurred in the performance of said Contract; and shall not permit any lien or claim to be filed or prosecuted against the County, its agents or employees. It is expressly understood that the laws of the State of Oregon and the Ordinances of the County shall govern this Contract in all things.

THAT in consideration of the faithful performance of all of the obligations, general and special, herein set out, and in consideration of the faithful performance of the work as set forth in the Contract Documents in accordance with the directions and to the satisfaction of the Engineer, the County agrees to pay to the said Contractor the amount earned, as determined from the actual quantities of work performed, and taking into consideration any amounts that may be deductible and under the terms of the Contract, and to make such payments in the manner and at the times provided in the applicable provisions.

(SIGNATURE PAGE TO FOLLOW)

IN WITNESS WHEREOF, the parties hereto have subscribed their names and affixed their respective official seals as of the date first above written

CONTRACTOR

**BOARD OF COUNTY COMMISSIONERS
OF DESCHUTES COUNTY, OREGON**

BY: _____

CHAIR

TITLE: _____

VICE CHAIR

DATE: _____

COMMISSIONER

ATTEST:

RECORDING SECRETARY

APPROVED AS TO CONTENT:

ROAD DEPARTMENT DIRECTOR

APPROVED AS TO FORM:

COUNTY LEGAL COUNSEL

Bond # _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called
(Corporation, Partnership, or Individual)

“Principal”, and _____
(Name of Surety)

hereinafter called “Surety”, are held and firmly bound unto Deschutes County, Oregon

hereinafter called “Owner”, in the penal sum of _____

_____ Dollars, \$(_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the _____ day of _____, 2025, a copy of which is hereto attached and made a part hereof for the construction of:

TUMALO RESERVOIR RD IMPROVEMENT

NOW, THEREFORE, if Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by Owner, with or without notice to Surety and during the **one year guaranty period**, and if Principal shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless Owner from all costs and damages which is may suffer by reason of failure to do so, and shall reimburse and repay Owner all outlay and expense which Owner may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between Owner and Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two counterparts, each one of which shall be deemed an original, this the _____ day of _____, 2025.

(SEAL)

PRINCIPAL: _____

By _____
Signature

Official Capacity

Attest: _____
Corporation Secretary

(SEAL)

SURETY: _____
[Add signatures for each surety if using multiple bonds]

BY ATTORNEY-IN-FACT:
[Power-of-Attorney must accompany each surety bond]

Name

Signature

Address

City

State

Zip

Phone

Fax

NOTE: Date of bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute bond.

Bond # _____

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called
(Corporation, Partnership, or Individual)

“Principal”, and _____
(Name of Surety)

hereinafter called “Surety”, are held and firmly bound unto Deschutes County, Oregon

hereinafter called “Owner”, in the penal sum of _____

_____ Dollars, \$(_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the _____ day of _____, 2025, a copy of which is hereto attached and made a part hereof for the construction of:

TUMALO RESERVOIR RD IMPROVEMENT

NOW, THEREFORE, if Principal shall promptly make payment to all persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, and any authorized or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor, performed in such work whether by subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between Owner and Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in two counterparts, each one of which shall be deemed an original, this the _____ day of _____, 2025.

(SEAL)

PRINCIPAL: _____

By _____
Signature

Official Capacity

Attest: _____
Corporation Secretary

(SEAL)

SURETY: _____
[Add signatures for each surety if using multiple bonds]

BY ATTORNEY-IN-FACT:
[Power-of-Attorney must accompany each surety bond]

Name

Signature

Address

City

State

Zip

Phone

Fax

NOTE: Date of bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute bond.

CERTIFICATION OF WORKERS' COMPENSATION COVERAGE

Deschutes County:

The Contractor, for the purposes of this Contract, hereby certifies that it is currently providing Oregon Workers' Compensation coverage for all its employees and will maintain coverage throughout the course of the project through one of the following methods:

1. ☐ "Carrier-Insured Employer" (State Accident Insurance Fund Corp. or other authorized insurer)

Insurance Company Name _____

ID/Policy Number _____

2. ☐ "Self-Insured Employer" (Certified by the Workers' Compensation Division)

ID number as assigned by the
Workers' Compensation Division _____

3. ☐ I am an independent contractor and will perform all work under this contract without the assistance of others.

In the event of cancellation or change in the information above, Contractor certifies that it will immediately notify the Agency of said cancellation or change and will obtain alternate coverage.

Dated _____, 2025

(Contractor's Signature)

REMINDER - ADDITIONAL INFORMATION NEEDED

Has your insurance carrier filed with Oregon Workers' Compensation Division a guaranty contract as proof of coverage for your employees working in Oregon?

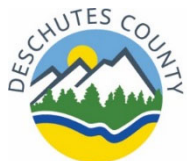
For filing information, contact the Workers' Compensation Division at Labor and Industries Building: Salem, OR 97310; Phone (503) 947-7810.

SPECIAL PROVISIONS

PROJECT: TUMALO RESERVOIR ROAD IMPROVEMENT

PROJECT #: W66134


CONTRACTING AGENCY:




**ROAD
DEPARTMENT**

**61150 SE 27TH STREET
BEND, OREGON 97702
PHONE: (541) 388-6581
FAX: (541) 388-2719
WEB: www.deschutescounty.gov/road**

PROFESSIONAL OF RECORD CERTIFICATION:

<p>Seal w/signature</p>  <p>RENEWS: JUNE 30, 2026</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project. Modified Special Provisions were prepared by me or under my supervision.</p> <p>Sections <u>00110 through 00199</u></p>
<p>Date Signed: <u>11/25/2025</u></p>	

PROFESSIONAL OF RECORD CERTIFICATION:

<p>Seal w/signature</p>  <p>RENEWS: 12/31/2025</p>	<p>I certify the Special Provision Section(s) listed below are applicable to the design for the subject project. Modified Special Provisions were prepared by me or under my supervision.</p> <p>Sections <u>00210, 00220, 00221, 00222, 00223, 00224, 00225, 00280, 00290, 00305, 00310, 00320, 00330, 00331, 00340, 00350, 00390, 00405, 00440, 00445, 00470, 00480, 00490, 00641, 00643, 00730, 00744, 00749, 00759, 00810, 00840, 00850, 00865, 00867, 00868, 00905, 00920, 00930, 00940, 01012, 01030, 01050, 01070, 02001, 02010, 02020, 02110, 02320, 02630, 02640, 02820, 02910</u></p>
<p>Date Signed: 08/22/2025</p>	

SPECIAL PROVISIONS

WORK TO BE DONE

The work to be done under this contract consists of the following on the Tumalo Reservoir Road Improvement project:

1. Install and maintain temporary traffic control.
2. Perform earthwork and full-depth reclamation.
3. Construct new aggregate base and shoulders.
4. Construct new asphalt concrete pavement.
5. Construct stormwater drainage facilities.
6. Install new guardrail.
7. Install new permanent signs and pavement markings.
8. Install fences and mailbox supports.
9. Perform additional and incidental work as called for by the specifications and plans.

APPLICABLE SPECIFICATIONS

The Specification that is applicable to the Work on this Project is the 2024 edition of the "Oregon Standard Specifications for Construction."

All number references in these Special Provisions shall be understood to refer to the Sections and subsections of the Standard Specifications and Supplemental Specifications bearing like numbers and to Sections and subsections contained in these Special Provisions in their entirety.

Copies of the Oregon Standard Specifications may be purchased or viewed online at

http://www.oregon.gov/ODOT/Business/Pages/Standard_Specifications.aspx.

APPLICABLE RULES

The rules applicable to this contract are the Attorney General's Model Public Contract Rules, Chapter 137-046 and Chapter 137-049, as presently constituted and Deschutes County Code (DCC) Chapter 2.37. The provisions of DCC Chapter 2.37.150 are incorporated herein by reference. These provisions may be viewed at the following web address:

<http://www.co.deschutes.or.us/administration/page/deschutes-county-code>

CONTRACT TIME

The Contractor shall complete all Work to be done under the Contract not later than December 31, 2026.

CLASS OF WORK

The Class of Work for this Project is a combination of Earthwork and Drainage or Asphalt Concrete Paving and Oiling.

SECTION 00110 - ORGANIZATION, CONVENTIONS, ABBREVIATIONS AND DEFINITIONS

Comply with Section 00110 of the Standard Specifications modified as follows:

00110.05(e) Reference to Websites - Add the following bullet list to the end of this subsection:

- American Traffic Safety Services Association (ATSSA)
www.atssa.com
- Deschutes County Bids and RFPs website:
www.deschutescounty.gov/rfps
- Deschutes County BidLocker Portal:
bidlocker.us/a/deschutescounty/BidLocker
- ODOT Construction Section - Qualified Products List (QPL)
www.oregon.gov/ODOT/Construction/Pages/Qualified-Products.aspx
- ODOT Construction Surveying Manual for Contractors
www.oregon.gov/ODOT/ETA/Documents_Geometronics/Construction-Survey-Manual-Contractors.pdf
- ODOT Oregon Trucking Online - "Highway Restriction Notice - Size and/or Weight" (Form No. 734-2357)
www.oregontruckingonline.com/cf/MCAD/pubMetaEntry/restriction/
- ODOT Procurement Office - Construction Contracts Unit prequalification forms
www.oregon.gov/odot/business/procurement/pages/bid_award.aspx

00110.20 Definitions - Replace the definitions of the words and phrases list below with the following definitions:

Agency – County of Deschutes

Bid Booklet - The version that can be accessed and printed from the Deschutes County Bids and RFPs website or the Deschutes County BidLocker Portal, which contains the information identified in 00120.10.

Engineer - The Road Department Director of Deschutes County acting either directly or through his authorized representatives.

SECTION 00120 - BIDDING REQUIREMENTS AND PROCEDURES

Comply with Section 00120 of the Standard Specifications modified as follows:

00120.01 General Bidding Requirements - Replace this subsection, except for the subsection number and title, with the following:

Bidders shall submit bids by paper, or via the Deschutes County BidLocker portal at:

<https://bidlocker.us/a/deschutescounty/BidLocker>

If both paper Bids and electronic Bids are submitted for the same solicitation, the paper Bids will prevail.

The standard prequalification forms furnished by the ODOT Procurement Office shall be used by the bidder to file authorized signatures with the Agency. Signatures are of personnel authorized to submit Bids, modify Bids, or withdraw Bids. In addition, for electronic Bids signed digitally, the authorized personnel shall have a digital signature and unique ID.

If the Bidder submits the Bid electronically through the Deschutes County BidLocker Portal as a joint venture, in addition to the joint venture signing with the digital signature and unique ID for the joint venture, the Bidder must also submit the signature pages from the Bid Booklet signed by each member of the joint venture, together with a statement the Bidder adds above or with the signatures as follows: "The following joint venture member signatures are for the Bid for the TUMALO RESERVOIR RD IMPROVEMENT Project submitted by the joint venture through the Deschutes County Bidlocker Portal. The signatures are on behalf of each joint venture member and the joint venture and also confirm that the signatory was authorized to submit the Bid on behalf of the joint venture." The Bidder must also submit signature pages showing the original signatures of the joint venture members with the required statement which must be mailed or delivered to the Agency at the address given in the Bid Booklet before the Closing date and time for the Bid as a condition of Award.

00120.05 Request for Plans, Special Provisions, and Bid Booklets – Replace this subsection, except for the subsection number and title, with the following:

Bidders shall obtain solicitation documents from the Deschutes County BidLocker Portal at the web address listed in 00120.01.

Each request shall include both the name of the person ordering or obtaining the Solicitation Documents, and the name of the Entity intending to use them. The Agency will add the name of the Entity intending to use the Solicitation Documents to the list of Holders of Bidding Plans. Bidders are cautioned that only Solicitation Documents obtained properly from the Deschutes County Bids and RFPs website may be used to submit Bids.

Bids will be accepted by mail or hand-delivery, or via the Deschutes County BidLocker portal at the web address listed in 00120.01

In the event that access to Project information on the Deschutes County BidLocker Portal is not available, an alternate method to access the information will be posted on the Deschutes County Bids and RFPs website (see 00110.05(e)). If the information is not available on the Deschutes County Bids and RFPs website, there may be a delay before the information is available using the alternate method.

Copies of the Oregon Standard Specifications for Construction may be purchased or viewed online at:

http://www.oregon.gov/ODOT/Business/Pages/Standard_Specifications.aspx

The Plans, which are applicable to the Work to be performed under the Contract, bear title and date as follows:

DESCHUTES COUNTY
TUMALO RESERVOIR RD IMPROVEMENT
AUGUST 2025

00120.10 Bid Booklet – Replace this subsection, except for the subsection number and title, with the following:

The Bidding Documents Booklet may include, but is not limited to:

- Cover Page
- Index
- Invitation to Bid
- Information for Bidders
- Bid Proposal Form
- Schedule of Bid Items
- Subcontractor Disclosure Form
- Bid Guaranty Form
- Addenda Certification Form
- Contract Form (for review only)
- Payment and Performance Bond Forms (for review only)
- Certification of Workers' Compensation Coverage (for review only)

Depending on the Class of Project, other certificates or statements may be bound within the Bidding Documents Booklet. Plans, specifications, and other documents referred to in the Bidding Documents Booklet will be considered part of the Bid.

00120.15 Examination of Work Site and Solicitation Documents; Consideration of Conditions to be Encountered –

Replace the sentence that begins with “Any clarification of Plans and Specifications...” with the following:

Any clarification of Plans and Specifications needed by the Bidder shall be requested in writing through the Agency representative listed in the Information for Bidders contained in the Bidding Documents.

00120.30 Changes to Plans, Specifications, or Quantities before Opening of Bids –

Replace all instances of “ODOT eBIDS” with “Deschutes County BidLocker Portal”.

Delete the last paragraph.

00120.40(a)(1) Paper Bids – Replace all instances of “ODOT eBIDS” with “Deschutes County BidLocker Portal”.

Delete the sentence beginning with “Bid Sections obtained from...”.

00120.40(a)(2) Electronic Bids – Replace this subsection, except for the subsection number and title, with the following:

For Bids submitted electronically, Bidders shall prepare Bids using the Deschutes County BidLocker Portal (see 00120.01). Bidders shall complete the certifications and statements included in the Bid Requirements section of the Proposal Submission form according to the instructions. The authorized signature of the Bidder constitutes the Bidder's confirmation of and agreement to all certifications and statements contained in the Proposal Submission form and Bidding Documents.

00120.40(d) Bidder's Address and Signature Pages – Delete the last sentence.

00120.40(e)(2) Bid Guaranty with Electronic Bids – Replace this subsection, except for the subsection number and title, with the following:

For Bids submitted electronically, the Bidder shall submit a Bid guaranty as follows:

- Bidder shall submit a scanned copy of the Bid Bond form via the BidLocker Portal at the time of bid submission.
- The hard-copy Bid Bond form, with original signatures and the Surety's seal affixed, shall be submitted by mail, parcel delivery service, or hand delivered to Deschutes County Road Department, 61150 SE 27th Street, Bend, OR 97702, within forty-eight (48) business hours of the bid closing date/time listed in the Bid Booklet.
- Alternately, if the Bidder chooses to submit a Bid guaranty in the form of an irrevocable letter of credit issued by an insured institution as defined in ORS 706.008, or a cashier's check or certified check made payable to the Agency (see ORS 279C.365(5)), it shall be submitted in the same manner as described above.

00120.40(f) Disclosure of First-Tier Subcontractors – Replace all instances of “ODOT eBIDS” and “BidExpress” with “Deschutes County BidLocker Portal”

Under the paragraph “The Subcontractor Disclosure Form may be submitted for a paper Bid...” replace the second bulleted item with the following:

- By removing it from the paper Bid Booklet, filling it out and submitting it separately to the Agency in the manner specified in the Bid Booklet.

Delete the third bulleted item.

Under the paragraph “The Subcontractor Disclosure Form may be submitted for an electronic Bid...” replace the bulleted list with the following:

- Filling out the Subcontractor Disclosure Form included as a file in the electronic Bid Booklet and submitting it using the Deschutes County BidLocker Portal, under a separate bid stage as specified in the Bid Booklet.

Replace the paragraph that begins “Subcontractor Disclosure forms submitted by...” with the following:

Subcontractor Disclosure Forms submitted by any method will be considered late if not received by the Agency within two working hours of the time designated for receiving Bids.

00120.45 Submittal of Bids – Replace this subsection, except for the subsection number and title, with the following:

Bids shall be submitted in the manner and prior to the time listed in the Bid Booklet. Bid submissions shall be made using one of the following options:

- Electronic Bids may be submitted via the Deschutes County BidLocker Portal at the web address listed in 00120.01.
- Paper Bids may be submitted by mail, parcel delivery service, or hand delivery. Bidders who wish to submit a paper bid shall notify the Agency a minimum of forty-eight (48) business hours prior to the bid closing date and time according to the instructions in the Bid Booklet. Bidders who submit a paper bid proposal but do not provide the required notification will be deemed non-responsive.

Bids submitted after the time set for receiving Bids, or without the required Agency notification, will not be opened or considered. The Agency assumes no responsibility for the receipt and return of late Bids.

00120.50 Submitting Bids for More than One Contract – Delete this subsection.

00120.60(a) Paper Bids – Replace all references to “ODOT Procurement Office” with “Agency.”

Delete the third bullet point.

00120.60(b) Electronic Bids – Replace this subsection, except for the subsection number and title, with the following:

FAX and email submittals and submittals in writing to revise electronic Bids will not be permitted. However, the Bidder may submit multiple electronic Bids for the same Project to revise the electronic Bid. All electronic Bid submittals must meet all requirements and deadlines for submitting electronic Bids. The last electronic Bid submitted shall supersede all previous submittals.

The Bidder may withdraw its electronic Bid by written withdrawal request according to the following:

- The written withdrawal request is submitted on the Bidder's letterhead, either by hand delivery or by submitting a scanned version via email to the email address given in the Bid Booklet; and
- The request is signed by an individual who is authorized to sign the Bid, and proof of authorization to sign the Bid accompanies the withdrawal request; and
- If the request is being submitted by hand delivery, the Bidder shall deliver the written withdrawal request at the following address between the hours of 7:30am-4:00pm:

Deschutes County Road Department
61150 SE 27th Street
Bend, OR 97702

- The written withdrawal request is received before 9:00:00 a.m. local time on the Day of Bid Opening.

00120.65 Opening and Comparing Bids – Replace the first paragraph with the following:

Bids will be opened and the total price for each Bid will be read publicly at the time and place specified in the Notice to Contractors and the Bid Booklet. Bidders and other interested parties are invited to be present.

00120.70 Rejection of Nonresponsive Bids – Replace the bullet beginning with “The Bid is submitted on documents not obtained...” with the following bullet:

- The Bid is submitted on documents not obtained directly from the Deschutes County Bids and RFPs website (see 00110.05(e)), or is submitted by a Bidder who is not registered on the Agency’s “Bid Documents/Plan Holders List”, as required by 00120.05.

Replace the bullet beginning with “An electronic bid is not received...” with the following bullet:

- An electronic Bid is not received due to failure to comply with all requirements of the Deschutes County BidLocker Portal.

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

- The Agency determines that any Pay Item is significantly unbalanced to the potential detriment of the Agency.

00120.95 Opportunity for Cooperative Arrangement – Delete this subsection.

SECTION 00130 – AWARD AND EXECUTION

Comply with Section 00130 of the Standard Specifications modified as follows:

00130.10 Award of Contract – Replace the paragraph that begins “The Agency will provide Notice of Intent...” with the following:

The Agency will provide Notice of Intent to Award on the Agency’s website at:

<https://www.deschutescounty.gov/rfps>

Delete the paragraph that begins “The Award will not be final until...”

00130.15 Right to Protest Award – Replace this subsection, except for the subsection number and title, with the following:

Adversely affected or aggrieved Bidders, limited to the three apparent lowest Bidders and any other Bidder directly in line for Contract Award, may submit to the Board of County Commissioners of Deschutes County a written protest of the Agency’s intent to Award within five working days following the Bid Opening. The protest shall specify the grounds upon which it is based.

The Agency will not consider late protests.

00130.50 Execution of Contract and Bonds:

- (a) **By the Bidder** – In the sentence that begins “The successful Bidder...” replace “ODOT Procurement Office – Construction Contracts Unit” with “Agency”.
- (b) **By the Agency** – In the sentence that begins “Within 7 Calendar Days...” replace “7” with “21 (twenty-one)”.

SECTION 00140 – SCOPE OF WORK

Comply with Section 00140 of the Standard Specifications.

SECTION 00150 - CONTROL OF WORK

Comply with Section 00150 of the Standard Specifications modified as follows:

00150.05 Cooperative Arrangements – Replace this subsection, except for the subsection number and title, with the following:

Agency is not, by virtue of this Contract, a partner or joint venturer with Contractor in connection with activities carried out under this Contract, and shall have no obligation with respect to Contractor's debts or any other liabilities of each and every nature.

00150.15(b) Agency's Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305).

00150.15(c) Contractor's Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305).

The Contractor shall perform slope staking including intersections and set stakes defining limits for clearing which approximate Right-of-Way and easements.

00150.30 Delivery of Notices – Delete the paragraph that begins with “Following Notice to Proceed, all notices and other documents...”

00150.50(f) Utility Information (No Anticipated Relocations) - Within the Project limits, there are no anticipated relocations with the Utilities listed in Table 00150-1. The Contractor shall contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Table 00150-1

Utility	Contact Person's Name, Email, and Phone Number
Avion Water	Adam Jackson Adam@Avionwater.com 541-280-1323
Tumalo Irrigation District	Chris Schull Chris@tumalo.org 541-382-3053
Central Electric Cooperative	Jason Middlebrook jmiddlebrook@cec.coop 541-312-7710

00150.50(g) Utility Information (Anticipated Relocations):

The following organizations may be adjusting Utilities within the limits of the Project during the period of the Contract with relocation Work estimated to be completed by the following dates and times:

Table 00150-2

Subsection	Utility	Contact Person's Name, Address, Email, and Phone Number	Estimated Completion Date
00150.50(g)(1)	TDS	AJ Naylor AJ.Naylor@tdstelecom.com 541-330-7964	Relocations to be completed prior to March 31, 2026
00150.50(g)(2)	Lumen	Cody Hollenback Cody.Hollenback@lumen.com 208-207-2346	Relocations to be completed prior to March 31, 2026

The Contractor shall contact the Engineer to view the approved Utility Relocation Plans.

(1) TDS – Telecommunications Utility 1 - TDS has underground utilities within the project area and will be relocating infrastructure during the period of the Contract as identified on the plans. The Contractor shall notify TDS, in writing with a copy to the Engineer, where excavations will occur within 10 feet of a buried fiber optic communications cable. TDS may require an on-site safety representative at no cost to the Contractor for monitoring purposes.

(2) Lumen – Telecommunications Utility 2 - Lumen has both underground and above ground utilities within the project area and will be relocating infrastructure during the period of the Contract as identified on the plans. The Contractor shall notify Lumen, in writing with a copy to the engineer, where excavations will occur within 10 feet of a buried fiber optic or copper communications cable. Lumen may require an on-site safety representative at no cost to the Contractor for monitoring purposes.

The Contractor shall notify the Communications Utilities in writing, with a copy to the Engineer, 21 Calendar Days before the Contractor is scheduled to begin performing work.

00150.60(a) Load and Speed Restrictions for Construction Vehicles and Equipment –
Replace the first bullet with the following:

- The Contractor shall restrict loads and speeds as necessary to avoid displacement or loss of Materials on Subgrades and Aggregate Bases. Maximum speeds of construction equipment shall be limited to 25 mph unless otherwise approved by the Agency.

SECTION 00160 – SOURCE OF MATERIALS

Comply with Section 00160 of the Standard Specifications modified as follows:

00160.30 Agency-Furnished Materials – Add the following paragraph:

No Agency materials are being offered for use on this project. Contractor shall provide all required materials.

00160.40 Agency-Furnished Sources– Add the following paragraph:

No Agency sources are being offered for use on this project. Contractor shall provide all required materials.

SECTION 00165 - QUALITY OF MATERIALS

Comply with Section 00165 of the Standard Specifications modified as follows:

00165.03 Testing by Agency – Delete this subsection.

00165.04 Costs of Testing – Delete this subsection.

00165.10(a) Field-Tested Materials – Add the following sentence to the end of this subsection:

This is a Type D project.

00165.30(c) Acceptance of Field-Tested Materials – Replace the first sentence with the following:

The Agency may elect to verify the Contractor's test results for field-tested Materials according to the Quality Assurance Program in the MFTP.

00165.50(b)(1) Specification Materials – Delete the second sentence.

SECTION 00170 – LEGAL RELATIONS AND RESPONSIBILITIES

Comply with Section 00170 of the Standard Specifications modified as follows:

00170.08 Electronic Document Management - Delete this subsection.

Add the following subsection:

00170.09 Debt Limitation - This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provision herein which would conflict with law are deemed inoperative to that extent.

00170.65(b)(1) Minimum Wage Rates – Replace the last two paragraphs in this subsection with the following:

The applicable prevailing wage rates for this project are the most recent version published by the Oregon Labor and Industries at the time the Project was initially advertised (Prevailing Wage Rates for Public Works Contracts, effective July 5, 2025 with October 5, 2025 Amendments). The wage rates can be found at the following web address:

<https://www.oregon.gov/boli/employers/Pages/prevailing-wage-rates.aspx>

00170.70(a) Insurance Coverages - Add the following to the end of this subsection:

The following insurance coverages and dollar amounts are required pursuant to this subsection:

Insurance Coverages	Combined Single Limit per Occurrence	Annual Aggregate Limit
Commercial General Liability	\$1,000,000	\$2,000,000
Commercial Automobile Liability	\$1,000,000	(aggregate limit not required)

(d) Additional Insured – Replace this subsection except for the subsection number and title with the following:

The liability insurance coverages of 00170.70(a) shall include an Additional Insured Endorsement endorsing the “Deschutes County, and its respective officers, agents, employees, and volunteers and the Deschutes County Board of Commissioners” as Additional Insureds, but only with respect to the Contractor’s activities to be performed under the Contract. Coverage shall be primary and non-contributory with any other insurance and self-insurance. The liability coverages of 00170.70(a) that are permitted by the Agency to be obtained by an appropriate Subcontractor shall include all of the foregoing as Additional Insureds and shall also include the Contractor and its officers and employees as Additional Insureds.

Additional Insured Endorsements on the Commercial General Liability shall be written on ISO Form CG 20 10 07 04, or equivalent, with respect to liability arising out of ongoing operations and ISO Form CG 20 37 07 04, or equivalent, with respect to liability arising out of completed operations. Additional Insured Endorsements shall be submitted with the Certificate(s) of Insurance and must be acceptable to the Agency.

Add the following as Additional Insureds under the Contract:

- Deschutes County and its officers, agents, employees, and volunteers
- Deschutes County Board of Commissioners

- Century West Engineering Corporation

(g) Certificate(s) of Insurance - Replace this subsection except for the subsection number and title with the following:

As evidence of the insurance coverages required by the Contract, the Contractor shall furnish Certificate(s) of Insurance to the Agency at the time(s) provided in 00130.50(a). As evidence of insurance coverages required by the Contract but permitted by the Agency under 00170.70(a) to be obtained by an appropriate Subcontractor, the Contractor shall furnish Certificate(s) of Insurance to the Agency for such coverages together with the Contractor's request under 00180.21 for approval of the subcontract with that Subcontractor. The Certificate(s) shall:

- List "Deschutes County and its officers, agents, employees, and volunteers and the Deschutes County Board of Commissioners" as a Certificate holder and endorse as an Additional Insured;
- Include all required endorsements or copies of the applicable policy language effecting coverage required by the Contract;
- Specify that all liability insurance coverages shall be primary and non-contributory with any other insurance and self-insurance, with exception of Workers' Compensation;
- Include a list of all policies that fall under the Excess/Umbrella Insurance if Excess or Umbrella Insurance is used to meet the minimum insurance requirement.
- Be endorsed with a waiver of subrogation endorsement for Workers' Compensation, waiving the insured's right of subrogation against the Agency.

00170.72 Indemnity/Hold Harmless - Add the following paragraph and bullets to the end of this subsection:

Extend indemnity and hold harmless to the Agency and the following:

- Deschutes County and its officers, agents, and employees
- Deschutes County Board of Commissioners
- Century West Engineering Corporation

SECTION 00180 – PROSECUTION AND PROGRESS

Comply with Section 00180 of the Standard Specifications modified as follows:

00180.40(c) Specific Limitations - Limitations of operations specified in these Special Provisions include, but are not limited to, the following:

Limitations	Subsection
Cooperation with Utilities	00150.50
On-Site Work	00180.40(b)
Contract Time	00180.50(h)
Right-of-Way and Access Delays	00180.65
Closed Lanes	00220.40(e)(1)
Noise Control	00290.32

Maintenance Under Traffic	00643.48
Opening Sections to Traffic	00744.51

The Contractor shall be aware of and subject to schedule limitations in the Standard Specifications that are not listed in this subsection.

00180.41 Project Work Schedules - After the paragraph that begins "One of the following Type..." add the following paragraph:

In addition to the "look ahead" Project Work schedule, a Type A schedule as detailed in the Standard Specifications is required on this Contract.

00180.50(h) Contract Time - The Contractor shall complete all Work to be done under the Contract not later than December 31, 2026.

SECTION 00190 – MEASUREMENT OF PAY QUANTITIES

Comply with Section 00190 of the Standard Specifications.

SECTION 00195 - PAYMENT

Comply with Section 00195 of the Standard Specifications modified as follows:

00195.12(d) Steel Materials Pay Item Selection - Add the following to this subsection:

No Pay Items under this Contract qualify for the steel escalation/de-escalation program for this Project.

00195.50(b) Retainage – Replace the first paragraph of this subsection with the following:

The Agency reserves the right in its sole discretion to not withhold retainage from progress payments or to begin withholding retainage at any time. If the Agency withholds retainage from progress payments, the amount to be retained from progress payments will be 5% of the value of Work accomplished, and will be retained in one of the forms specified in Subsection (c) below. No retainage will be withheld from Work performed as Force Account Work, escalation/de-escalation, bonuses, or other items decided by the Agency.

00195.50(c)(2) Cash, Alternate B (Retainage Surety Bond) - Delete this subsection.

00195.50(c)(3) Bonds, Securities and Other Instruments – Delete this subsection.

00195.50(d) Release of Retainage – Replace this subsection with the following:

As the Work progresses, release of the amounts retained under (b) above will only be considered for Pay Items that have been satisfactorily completed. For purposes of this Subsection, a Pay Item will be considered satisfactorily completed only if all of the Work for the Pay Item is complete and all contractual requirements pertaining to the Pay Item and Work have been satisfied. Work not included in a Pay Item, or which constitutes part of an uncompleted Pay Item, will not be regarded as satisfactorily completed Work for the purposes of this Subsection.

A determination of satisfactory completion of Pay Items or Work or release of retainage shall not be construed as acceptance or approval of the Work and shall not relieve the Contractor of responsibility for defective Materials or workmanship or for latent defects and warranty obligations.

The Contractor shall comply with all applicable legal requirements for withholding and releasing retainage and for prompt payments, including but not limited to those in ORS Chapters 279C and 701, and 49 CFR 26.29.

SECTION 00196 – PAYMENT FOR EXTRA WORK

Comply with Section 00196 of the Standard Specifications.

SECTION 00197 – PAYMENT FOR FORCE ACCOUNT WORK

Comply with Section 00197 of the Standard Specifications.

SECTION 00199 - DISAGREEMENTS, PROTESTS, AND CLAIMS

Comply with Section 00199 of the Standard Specifications modified as follows:

00199.40 Claim Decision; Review; Exhaustion of Administrative Remedies – Replace the second and third paragraphs with the following:

If the Engineer denies the claim for additional compensation or a combination of additional compensation and Contract Time, in full or in part, according to 00199.40(a), the Contractor may request review of the denial. The disputed claim may then be resolved, in full or in part, at any of the three progressive steps of claim review procedure as set forth in (b) through (d) of this Subsection.

If the Engineer has denied a claim, in full or in part, for Contract Time only according to 00180.80, or has denied a claim, in full or in part, for correction of final compensation according to 00195.95, those disputed claims may then be resolved, in full or in part, at any of the three progressive steps of claim review procedure as specified in (b) through (d) of this Subsection.

Delete the fifth paragraph.

00199.40(b-e) - Replace these subsections in their entirety with the following:

00199.40(b) Step 1: Board of Commissioners Review – The Contractor shall request that the Engineer arrange for a hearing during a regularly scheduled Board of Commissioners Meeting in order to present the denied or partially denied claim for formal review and discussion. The meeting will take place within 21 Calendar Days of the Agency's receipt of the request, or as otherwise agreed by the parties.

If the Board of Commissioners determines that the Contractor must furnish additional information or documentation to allow proper analysis of the claim, the Engineer will prepare a Board meeting

agenda item for a second hearing within 14 Calendar Days, or as otherwise agreed by the parties, at which the Contractor shall present the requested information or documentation.

If the Contractor does not accept the Step 1 decision, the Contractor may, within 10 Calendar Days of receipt of the written decision, request in writing through the Engineer that the claim be advanced to Step 3 or 4 (see (c) and (d) below).

00199(c) Step 2: Arbitration - At this step, the claim will be resolved by binding arbitration before a single arbitrator according to the Construction Industry Arbitration Rules of the American Arbitration Association or such other arbitration service and rules as agreed by the parties.

Arbitration filing costs and any arbitrator's fees will be divided equally between the Agency and the Contractor.

00199(d) Step 3: Litigation – This step applies to appeals of arbitration awards issued in Step 2 at 00199.40(c) above, according to ORS 36.600 through ORS 36.740.

The Contractor must follow each step in order, and exhaust all available administrative remedies before resorting to litigation. Lawsuits must be properly filed in a court of competent jurisdiction within 6 months from the date of the final decision that exhausted the Contractor's available administrative remedies under this Section 00199.

The Contractor shall comply with 00170.00.

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

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

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

- 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.

00220.02(b) Temporary Pedestrian Accessible Route Plan - Add the following bullet to the end of the bullet list:

- For an active Work Area provide accommodations for bicyclists through the active Work Area according to Section 00223 and Section 00228.

00220.02(c) Bicyclists - Add the following to the end of the bulleted list:

- During flagging and pilot car operations, allow bicycles to clear the work zone before allowing oncoming traffic to enter the work zone.

00220.40(e)(1) Closed Lanes - Replace this subsection, except for the subsection number and title, with the following:

Both travel lanes may be closed on Tumalo Reservoir Road when allowed, shown, or directed during the following periods of time, non-concurrently, except as indicated in 00220.40(e)(2):

- Phase 1: Up to forty-five (45) consecutive days between Bailey Rd and Mock Rd
- Phase 2: Up to ninety (90) consecutive days between Mock Rd and Collins Rd
- Phase 3: Up to thirty (30) consecutive days between Collins Rd and Sisemore Rd
- Phase 4: Up to thirty (30) consecutive days between Bailey Rd and Tumalo Rim Dr
- Phase 5: Up to thirty (30) consecutive days between Tumalo Rim Dr and Johnson Rd

The length of the active Work Zone shall not exceed 1 mile unless otherwise shown or approved.

SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

Comply with Section 00221 of the Standard Specifications modified as follows:

00221.06 Traffic Control Plan - Replace this subsection with the following subsection:

00221.06 Traffic Control Plan and Tourist-Oriented Directional and Business Logo Signs –

(a) Traffic Control Plan - Submit one of the following, 5 Calendar Days before the preconstruction conference:

(1) Agency Traffic Control Plan - If the Contractor intends to use the Agency TCP without modification, a written notification indicating that the Agency TCP will be used without modification.

(2) Contractor-Modified Traffic Control Plan - The Contractor may request to use a Contractor-modified Agency TCP, or a TCP developed by the Contractor. Do not use a modified TCP, or a TCP developed by the Contractor, unless approved by the Engineer. Use the Agency TCP unless a modified TCP, or a TCP developed by the Contractor is accepted.

The Engineer is not obligated to consider any modified Agency TCP or a TCP developed by the Contractor. The Agency will not be liable to the Contractor for failure to accept or act upon any request for a modified Agency TCP or a TCP developed by the Contractor.

To conserve time and funds, the Contractor may first submit a written request for a preliminary review by the Engineer. The request should contain a description of the proposal together with a rough estimate of anticipated dollar and time impacts. The Engineer will, within a reasonable time, respond to the Contractor in writing whether or not the request would be considered by the Agency.

If requesting a Contractor-modified Agency TCP, or a TCP developed by the Contractor, at a minimum the request shall meet all requirements of the Contract documents and comply with the Project transportation management plan (TMP). Provide the following information:

- Stamped Working Drawings according to 00150.35 that include the proposed TCP showing all TCM and quantities of TCD.
- A TPAR plan that includes:
 - Details and features used to provide pedestrian accessibility.
 - Pedestrian staging Plans at a scale no smaller than 1 inch = 50 feet.
 - Temporary alternate facilities or detour routes for pedestrian traffic.
 - Staging sequences and details for Work affecting vehicular, pedestrian, and bicycle traffic.
- Proposed order and duration of the TCM.
- A detailed temporary striping plan.

If the Contractor's request to use a Contractor-modified Agency TCP, or a TCP developed by the Contractor is approved in whole or in part, acceptance will be made by a Change Order.

The Engineer will establish prices that represent a fair measure of the value of Work to be added, changed, or deleted as a result of any accepted modifications to the Agency TCP or an accepted TCP developed by the Contractor.

Once a TCP has been accepted by the Engineer, any additional modifications must be submitted by the Contractor for Agency review following the procedure described above. The Engineer is not obligated to consider additional modifications to a previously approved TCP.

(b) Tourist-Oriented Directional and Business Logo Signs - Submit one of the following for approval, at least 5 Calendar Days before the preconstruction conference:

(1) No Signs - If there are no tourist-oriented directional (TOD) or business logo signs on the Project, a written notification that no TOD or business logo signs exist within the Project limits or

(2) Signs - Submit one copy of a sketch map of the Project showing all existing TOD and business logo signs and a written narrative describing how these signs will be kept in service and protected throughout all the construction stages. If modifications are necessary, submit updated information to the Engineer for approval at least 21 Calendar Days before the change is needed.

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 "WAIT FOR FLAGGER" (CR4-23) sign approximately 50 feet in advance of each flagger station, facing incoming pedestrian traffic. Install the sign on a conical marker or other temporary sign support, as shown or as directed. Do not allow the sign installation height or location to block the visibility of the flagger for incoming Public Traffic.
- Install two sign flag boards, as shown on the Standard Drawings, above the following detour and road closed advance warning signs, where applicable:

- "DETOUR AHEAD", "DETOUR XXXX FT", "DETOUR X/X MILE" (W20 2) signs.
- "ROAD CLOSED AHEAD", "ROAD CLOSED XXXX FT", "ROAD CLOSED X/X MILE" (W20 3) signs.
- Install a "Bicycle ON ROADWAY" (CW11 1) symbol sign and a 24 by 18-inch "NEXT XX MILES" (W7 3aP) plaque according to "Sign Spacing A", from the "TRAFFIC CONTROL DEVICES SPACING TABLE" shown on the Standard Drawings, after the "ROAD WORK AHEAD" sign. Install a "Bicycle ON ROADWAY" symbol sign on 1 mile spacing through the affected area. Keep the signs in place until completion of the Shoulder or bikeway final surface.
- For paving operations on non-freeways, place "ABRUPT EDGE" (CW21-9) and "ROAD WORK XX MPH" (CW20-1a) signs as shown or directed. Use an "XX" value equal to 10 mph below the current posted regulatory speed. If a speed is posted for a temporary regulatory speed reduction, that speed is the current posted regulatory speed.
- Install a "Bicycle ON ROADWAY" (CW11-1) symbol sign and a 24 by 18-inch "NEXT XX MILES" (W7-3aP) plaque according to "Sign Spacing A", from the "TRAFFIC CONTROL DEVICES SPACING TABLE" shown on the Standard Drawings, after the "ROAD WORK AHEAD" sign. Install a "Bicycle ON ROADWAY" symbol sign on 1 mile spacing through the affected area. Keep the signs in place until completion of the Shoulder or bikeway final surface.
- During pilot car operations, install a 15 by 24-inch "WAIT FOR PILOT CAR" (CR4-20) sign at stop-controlled side roads and accesses intersecting Tumalo Reservoir Rd within the limits of the pilot car operation.
- During pilot car operations, install a 12 by 12-inch "WAIT FOR PILOT CAR" (CR4-20a) sign in private residential driveways accessing Tumalo Reservoir Rd within the limits of the pilot car operation. Place the sign in the driveway facing the private residence and so the sign face is not visible to Public Traffic on Tumalo Reservoir Rd.
- At accesses, side roads, or residential driveways where "WAIT FOR PILOT CAR" (CR4-20) signs are installed, do not allow traffic to be stopped or held for longer than 20 minutes.
- In addition to the signs, public notification (e.g. flyers, door hangers) may be used to inform the residents that may be affected by the pilot car operations and the "WAIT FOR PILOT CAR" signs.

00222.45(b) Portable Changeable Message Signs - Add the following bullet to the end of this subsection:

- At least fourteen (14) Calendar Days before the Tumalo Reservoir Rd closure, place one or more PCMS displaying the following message as shown, or as directed:

Panel 1	Panel 2
TUMALO	(DATE)
RES RD	TO
CLOSURE	(DATE)

00222.80(a) Area Basis - Add the following to the end of the paragraph that begins "Temporary signs will...":

No measurement of quantities will be made for "CONSTRUCTION VEHICLE DO NOT FOLLOW" (CW23-14) signs.

No measurement of quantities will be made for "WAIT FOR PILOT CAR" (CR4-20) or (CR4-20a) signs.

SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

Comply with Section 00223 of the Standard Specifications modified as follows:

00223.26 Pedestrian Transport Vehicle - Add the following bullet:

A commercially available bicycle rack capable of securely carrying a minimum of three bicycles.
Do not loosely load bicycles onto the pedestrian transport vehicle.

00223.40 Flaggers - Add the following paragraph to the end of this subsection:

During all construction phases, provide a dedicated flagger station and flagger to escort bicycle and pedestrian traffic through the affected Work Area.

Replace the paragraph that begins "Item (e) includes..." with the following paragraph:

Item (e) includes fully operated pedestrian transport vehicles, two-way radios, the "CONSTRUCTION VEHICLE DO NOT FOLLOW" sign, the bicycle rack, and the rotating amber lights or strobe lights mounted on each vehicle.

00223.31(b) Traffic Control Inspection Without TCS – Replace the bullet that begins with "Prepares and signs..." with the following bullet.

- Prepares and signs a "Traffic Control Inspection Report" on the approved form furnished by the Agency upon the initial installation of TCM and each working day when any modification, removal, or reinstallation of TCM are made, or as directed by the Engineer. Submit completed reports to the Engineer no later than the end of the next working day.

SECTION 00224 - TEMPORARY TRAFFIC CHANNELIZING DEVICES

Comply with Section 00224 of the Standard Specifications modified as follows:

00224.80 Measurement – Replace this section, except for the subsection number and title, with the following:

No measurement will be made for work performed under this section.

SECTION 00225 - TEMPORARY PAVEMENT MARKINGS

Comply with Section 00225 of the Standard Specifications modified as follows:

00225.80 Measurement – Replace this section, except for the subsection number and title, with the following:

No measurement will be made for work performed under this section.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications modified as follows:

00280.00 Scope - Replace the paragraph that begins "This Work also consists of providing temporary ..." with the following paragraph:

This Work also consists of providing temporary erosion and sediment control (ESC) measures and furnishing, installing, moving, operating, maintaining, inspecting, and removing ESC throughout the Project area according to the Standard Drawings, the erosion and sediment control plan (ESCP), the Specifications, or as directed, until the site is permanently stabilized. Included also is the monitoring of weather, of stormwater and receiving waters, the reporting of monitoring observations, the reporting of corrective actions (when necessary) and the updates and revisions of the ESCP, including ESCP cover sheet, necessary to keep it representative of current site conditions and compliant with the 1200-CA permit if applicable.

Delete the paragraph that begins "When contaminants, pollutants or hazardous materials..."

00280.04 Erosion and Sediment Control Plan on Agency Controlled Lands - Replace the bullet that begins "Information required under 1200-CA..." with the following bullet:

Information required under 1200-CA permit, if applicable.

00280.06 Erosion and Sediment Control Manager - Delete this subsection.

00280.41(f) Hauling Material – Replace this subsection, except for the subsection number and title, with the following:

Cover loads carrying soil or sediment which may generate dust. Haul saturated loads in water tight beds or drain saturated loads prior to leaving the Project Site.

00280.62 Inspecting and Monitoring – Delete the paragraph that begins "Inspect the Project Site..."

00280.62(a) Inspection - Replace the paragraph that begins "Perform site inspection, complete..." with the following paragraph:

Inspect the Project Site and all ESC devices for Effective Function and potential erosion or sediment movement and complete all applicable parts of the ODOT Erosion Control Monitoring Form, and submit the form to the Agency as follows:

00280.64(a) Corrective Action Timelines – Delete the bullet that begins "If completion of corrective action is not feasible..."

Delete the bullet that begins "Provide a schedule for clean-up and corrective actions..."

Delete the bullet that begins “Provide all corrective action documentation and photographs...”

SECTION 00290 – ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications modified as follows:

00290.20(c)(3)(a) Burnable Materials – Delete this subsection.

00290.20(c)(3)(b) Woody Matter – Replace this subsection, except for the subsection number and title, with the following:

Woody matter may be chipped to a size of no more than 3 inches in any direction then uniformly spread over selected landscape areas, as directed, in loose layers not more than 3 inches thick. Burying or burning wood, stumps, or other woody material is not allowed.

00290.30(c)(3) Burn Restrictions – Delete this subsection.

00290.32 Noise Control - Add the following paragraph to the end of this subsection:

Review Deschutes County Code Title 8.08 which describes noise control regulations. Comply with the applicable noise control requirements for Project Work.

SECTION 00305 - CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications modified as follows:

00305.00 Scope – Add the following to the end of this subsection:

In addition to the requirements of the ODOT *Construction Surveying Manual for Contractors*, establish Engineering Stationing at 100-foot intervals for the length of the project along the Shoulder of the Roadway. Maintain the stationing so it is visible throughout construction of the project.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications.

SECTION 00320 - CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications modified as follows:

00320.40(c) Tree and Vegetation Trimming - Replace the bullet that begins “Trim branches obstructing sight...” with the following bullet:

Trim and remove branches, vegetation, or other materials obstructing sight distance at intersections or impairing visibility of signs, signals, illumination, and other TCD.

Add the following to the end of this subsection:

Trimming of limbs or branches shall be performed using a chainsaw or other approved means. Excavators or other construction equipment shall not be used to remove tree limbs.

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 under this Section on the excavation basis.

00330.41(a)(4) Excess Materials - Replace this subsection, except for the subsection number and title, with the following:

If the quantities of excavated materials are greater than required to construct embankments and to do all filling and backfilling, the Contractor may use the remaining materials to uniformly widen embankments or to flatten slopes in a manner satisfactory to the Engineer.

00330.41(a)(5) Waste Materials - Replace this subsection, except for the subsection number and title, with the following:

Unless otherwise specifically allowed and subject to the requirements of Section 00280, dispose of materials, classed as waste materials in 00330.41(a)(3), outside and beyond the limits of the Project and Agency controlled property according to 00290.20. Do not dispose of materials on Wetlands, either public or private, or within 300 feet of rivers or streams.

00330.41(a)(9) Excavation Below Grade - Delete subsection 00330.41(a)(9)(c).

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 50 cubic yards at each location. Construct these areas according to the following:

00330.80 Measurement – Remove the bullet point that begins with “Volume basis, computed by the average end area method from Cross Sections”.

Add the following paragraph to the end of this subsection:

No measurement of quantities will be made for earthwork in areas identified for Full Depth Reclamation as shown in the Plans. Estimated earthwork quantities for areas within the proposed roadway prism which do not receive Full Depth Reclamation treatment are shown in the Plans.

00330.90 Payment – Remove the sentence that begins with “Watering of materials....”

Add the following paragraph:

Full Depth Reclamation will be paid according to 00643.90.

00330.91(d) General Excavation - Delete the bullet that begins "Includes Unsuitable Material...".

00330.92 Kinds of Incidental Earthwork - Add the following bullets to the end of the bullet list:

- Excess material used to widen embankments or flatten slopes according to 00330.41(a)(4).
- Hauling, moving, or transporting reclaimed Materials from Full Depth Reclamation operations.

00330.94 Embankment Basis Payment - Delete the paragraph that begins "Excavation of unstable...".

SECTION 00331 – SUBGRADE STABILIZATION

Comply with Section 00331 of the Standard Specifications.

SECTION 00340 - WATERING

Comply with Section 00340 of the Standard Specifications modified as follows:

00340.80 Measurement – Replace this subsection, except for the subsection number and title, with the following:

There will be no measurement of watering.

00340.90 Payment – Replace this subsection, except for the subsection number and title, with the following:

There will be no separate or additional payment for watering. Payment will be included in payment according to Section 00330.90 and 00643.90.

SECTION 00350 - GEOSYNTHETIC INSTALLATION

Comply with Section 00350 of the Standard Specifications modified as follows:

00350.80 Measurement – Replace this subsection, except for the subsection number and title, with the following:

There will be no measurement of geosynthetics.

00340.90 Payment – Replace this subsection, except for the subsection number and title, with the following:

There will be no separate or additional payment for geosynthetics. Geosynthetics shall be incidental to Section 00390.

SECTION 00390 - RIPRAP PROTECTION

Comply with Section 00390 of the Standard Specifications.

SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL

Comply with Section 00405 of the Standard Specifications.

SECTION 00440 – COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications.

SECTION 00445 - SANITARY, STORM, CULVERT, SIPHON, AND IRRIGATION PIPE

Comply with Section 00445 of the Standard Specifications.

SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications.

SECTION 00480 - DRAINAGE CURBS

Comply with Section 00480 of the Standard Specifications.

SECTION 00490 - WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of the Standard Specifications.

SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS

Comply with Section 00641 of the Standard Specifications modified as follows:

00641.10(a) Base and Shoulder Aggregate - In the paragraph that begins "Aggregate for Bases...", add the following sentence after the first sentence:

Base Aggregate shall be 3/4"-0 size.

00641.22 Spreading Equipment – Add the following to the end of this subsection:

For construction of Aggregate Shoulders, provide a single- or dual-discharge offset material distribution machine capable of maintaining a uniform shoulder cross slope and width, and without contacting the pavement surface with a blade, screed or other implement which could abrade or otherwise damage the finished pavement.

00641.41 Mixing, Hauling, and Placing – Add the following to the end of this subsection:

Place aggregate shoulder material with Equipment according to 00641.22.

Add the following subsection:

00641.46 Small, Irregular Areas – Haul, place, shape and compact small irregular areas according to 00640.41 through 00640.43. A small or irregular area is outside of the Traveled Way and requires no more than 5 Tons of Aggregate Base or as otherwise approved by the Engineer.

In areas not accessible to the Equipment specified in 00641.24, use a weighted roller, vibratory plate compactor, tamping rammer compactor, or other approved Equipment suitable for the area as approved by the Engineer.

00641.80 Measurement – Replace the paragraph that begins with "(b) Volume Basis" with the following:

(b) Volume Basis – When measurement is by volume, quantities will be the theoretical neat line volume constructed and accepted for each item based on the 3D Engineered model.

SECTION 00643 – FULL DEPTH RECLAMATION BASE

Section 00643, which is not a Standard Specification, is included for this Project by Special Provision.

Description

00643.00 Scope – This Work consists of pulverizing the existing bituminous surfacing, base aggregate and subgrade materials as specified in the Plans. The reclaimed material shall be pulverized in place and compacted to specified density to produce a reclaimed base and/or fills. The Full Depth Reclamation Base shall be proportioned, mixed, graded and compacted to the lines, grades, thicknesses and cross sections shown or directed.

00643.01 Abbreviations:

FDR – Full Depth Reclamation

00643.03 Subsurface Investigations - The Agency has performed pavement core explorations in the existing pavement surfacing and taken samples of the existing subsurface materials. Information is available according to 00120.25.

Materials

00643.10 Materials:

- a) **Pulverized Material** - The pulverized roadbed materials shall conform to the gradation shown below.

Sieve Size	% Passing
3 inch	100
1 ½ inch	95 – 100

1 inch
#4

90 – 100
55 – 75

The gradation may be revised with the approval of the Engineer.

b) Water – Furnish water for mixing meeting the requirements of Section 00340.10.

00643.12 Mix Design – The mix design establishes the depth of the pulverization, the maximum dry density and optimum moisture content of the FDR base mixture. The mix design is based on the materials that are found at the project site.

The Contractor shall determine the dry unit weight and optimum moisture content for compaction based on the blend of pulverized bituminous surfacing, road base aggregate (if present) and subgrade material. The maximum ratio of reclaimed bituminous surfacing to road base materials (aggregate and subgrade material) shall be 50% of the total mix.

The Contractor shall determine the amount of additional water required to achieve specified compaction.

The mix design is an approximation of the conditions that may be found on the project site and adjustments may, at the direction of the Engineer, be required as the existing conditions change.

00643.15 Quality Control – Provide quality control according to Section 00165. Perform quality control sampling and testing according to the following:

- Gradation of Processed Materials - Perform AASHTO T27 once per 1000 linear feet of travel lane and according to 00643.10(a). Report results on ODOT form #734-1792. The Engineer may select additional areas to be sampled and tested by hand sieving. In areas determined by the Engineer to not be adequately pulverized, make an additional pass with the reclaimer at no additional cost to the Agency.
- Moisture Content of Mixture - Perform once per 1000 lane feet of production according to AASHTO T255 and 00643.43. Report AASHTO T255 results on ODOT form #734-1792. If a nuclear gauge is used to determine moisture content according to 00643.43, report results on ODOT form #734-1793b.
- Density of compacted Mixture - Perform 5 tests per 1000 linear feet of travel lane of production and according to 00643.44, in accordance with AASHTO T310. Report results on ODOT form #734-1793b.

00643.16 Acceptance – The Contractor's quality control tests will be used for acceptance of FDR.

When it is determined that the specified gradation, minimum depth, moisture content or density is not being obtained, discontinue all FDR operations. Do not resume until corrective measures approved by the Engineer have been taken.

Equipment

00643.20 Equipment - Provide equipment, machinery, and tools capable of constructing the FDR as specified.

00643.21 Reclaimer Equipment - Furnish a self-propelled single-shaft or multiple-shaft pulverizer mixer machine specifically made for reclamation and capable of reclaiming the

existing material to the minimum depth specified. The machine shall have a cutter drum equipped with replaceable tungsten carbide-tipped cutting teeth, have both manual and automatic depth control capabilities, and be capable of maintaining a constant cutting depth and width. The Equipment shall be capable of pulverizing and mixing existing bituminous surfacing, base aggregate and soil, and injecting water at controlled rates into the reclaimed material to produce a homogeneous mixture meeting the requirements of 00643.10.

Reclaimer equipment shall be approved by the Engineer prior to use.

00643.22 Grading Equipment – Provide grading equipment capable of shaping the reclaimed material to designated lines, grades and transverse slopes without segregation, dragging or fracturing of aggregate.

00643.23 Compaction Equipment – Provide self-propelled vibratory tamping foot and steel-wheel rollers capable of reversing without backlash. Tamping foot rollers shall have a minimum gross static weight of 15 tons and smooth-wheel rollers shall have a minimum gross static weight of 12 tons. Provide a sufficient number of rollers and compactors capable of compacting the Mixture to the specified density according to 00643.44.

Compaction equipment shall be approved by the Engineer prior to use.

Labor

00643.30 Quality Control Personnel – Provide technicians having CEBT, CAgT, and CDT certifications.

Construction

00643.40 Seasonal and Temperature Limitations – The Contractor shall perform full depth reclamation between April 1 and November 1 unless otherwise approved in writing by the Engineer.

Do not process for roadbed modification while the atmospheric temperature is below 35 degrees Fahrenheit, or when conditions indicate the temperature will fall below 35 degrees Fahrenheit for a sustained period of 4 hours within 24 hours after final compaction.

Do not proceed with pulverization operations when the temperature will not permit the processing operation to follow.

Remove and replace weather-damaged FDR base at no additional cost to the Agency.

00643.41 Pre-Reclamation Conference - Supervisory personnel of the Contractor, including any subcontractors who are to be involved in the reclamation Work, shall meet with the Engineer at a mutually agreed time to discuss methods of accomplishing the Work.

00643.42 Control Strip - Construct a control strip at the beginning of Work for a distance of 500 feet. The purpose of the control strip is to determine that the specified gradation, moisture content, depth of mixing, target maximum dry density, and surface tolerances can be obtained.

An additional control strip may be requested by the Engineer or the Contractor if the conditions, materials, and/or Equipment change during FDR production. Any control strips requested by the

Contractor must be approved by the Engineer. Construct additional control strips for a distance of 100 feet.

Do not continue Work until the Engineer reviews and approves all control strip results.

00643.43 Pulverizing and Mixing – Pulverize the Existing Surfacing Materials to the minimum depth specified in the Plans such that the processed material, except Rock fragments, meets the gradation requirements in 00643.10(a). Continue mixing until the Mixture is homogeneous and uniform throughout the pulverized depth. If mixing adjacent to previously constructed FDR, ensure the continuity of the Course of FDR through the constructed joints by mixing a minimum of 6 inches into the previously constructed FDR longitudinally and a minimum of 2 feet transversely.

After mixing, perform moisture content testing according to 00643.15. If necessary, re-mix to aerate or add water to the Mixture until the optimum moisture content tolerances according to 00643.12 can be achieved.

Excess material that is not pulverized shall not be used in the roadway prism. Remove excess material in accordance with 00330(a)(4). Excess material may be incorporated into slopes outside of roadway prism upon approval by the Engineer.

00643.44 Compaction –

(a) Compaction Test Strip - Construct a compaction test strip, approximately 100 feet long, to verify target maximum density at the beginning of each day's production. Immediately provide density results for the completed test strip to the Engineer. At the discretion of the Engineer, perform additional compaction test strips until target maximum dry density is being achieved. During the compaction test strip evaluation, FDR production may continue as long as the requirements of this Section are met.

(b) General - Immediately after the mixing has been completed, spread the Mixture to the specified line, grade and cross-section and compact as specified.

Begin both the initial and final compaction Work specified in 00643.43 by compacting with a tamping foot roller operated in non-vibratory mode and continuing until the roller pads walk out of the reclaimed mix. Perform grading according to 00643.45.

Following grading, use a smooth drum roller to complete compaction. Continue compaction until the specified density is obtained. Repeated pulverizing and rolling may be required within two calendar days after the initial mixing, processing and rolling to achieve the target density on the completed in-place recycled surface. Compaction and finishing shall be done in such a manner as to produce a dense surface free of compaction planes, cracks, ridges, or loose material.

The Contractor shall discontinue any type of rolling that result in cracking, movement, or other types of distress until such time that the problem can be resolved. If there is a significant change in mix proportions, weather conditions or other controlling factors, the Engineer shall require construction of test strips to check target density. Immediately suspend compaction efforts if the Mixture begins to yield, deflect, pump, or crack. Unless otherwise directed by the Engineer, do not resume compaction until the cause of deflection has been identified and

corrected at no additional cost to the Agency. Correction may include reworking the deflecting areas.

The compaction of the reclaimed layer shall be a minimum of 95% of maximum dry density determined according to ODOT TM 223. Moisture content shall be within 2% of optimum moisture at the start of compaction.

The field density for compaction shall be determined according to AASHTO T310. Acceptance testing for compaction will be conducted by the Contractor with a minimum rate of five (5) random nuclear moisture and density tests, according to AASHTO T310, per 1,000 linear traffic lane feet.

Sections of reclaimed material that do not achieve the minimum density criteria, shall be remixed and compacted.

00643.45 Shaping and Surface Tolerances - The grade of the compacted FDR base shall be finished to within a 1/2 inch of the lines and grades shown on the plans or as directed by the Engineer.

Shape to achieve planned profile and cross slope, or as directed, and to fill or remove the tamping foot roller marks. If necessary or as required by the Engineer, the surface shall be scarified or broom-dragged to remove imprints left by equipment or to prevent compaction planes. Compaction shall then continue until uniform and adequate density is obtained. During the finishing process the surface shall be kept moist by means of water spray devices that will not erode the surface.

00643.48 Maintenance Under Traffic – Completed portions of FDR base may be opened to low-speed local traffic and construction equipment provided the FDR is sufficiently stable to withstand marring or permanent deformation.

Repair areas damaged by vehicle traffic or construction equipment at no additional cost to the Agency.

00643.49 Longitudinal Joints – Where the vertical difference at the centerline longitudinal joint is greater than 2 inches after pulverizing a single lane, pulverize the full width of the area to the same elevation.

If public traffic is allowed on the FDR Base, provide warning signs according to Sections 00222 where abrupt or sloped edge drop-offs 1 inch or more in height occur.

00643.50 Preparation for Paving - Before beginning road base construction, replace any part of the FDR damaged by traffic or any other causes according to 00170.80. Proof roll the FDR base under the observation of the Engineer. Areas exhibiting deflection, reaction or pumping shall be repaired.

Repair to pavement and structures designated to remain as a result of the FDR process shall be at no additional cost to Agency.

Maintenance

00643.60 Care and Maintenance of Work - Maintain the FDR base in good condition until all Work is completed and accepted at the Contractor's expense. Maintenance shall include immediate repairs of any defects that may occur. If it is necessary to replace any FDR base, the replacement depth shall be the design depth of the FDR or match the depth of the adjacent FDR, whichever is greater. Replace the FDR base with aggregate base material meeting the requirements of Section 00641 at equal depth. No skin patches will be permitted.

Measurement

00643.80 Measurement – The quantities of Work performed under the Section will be measured as follows:

(a) **Full Depth Reclamation Base** - The quantities of Full Depth Reclamation Base will be measured on the area basis, per square yard, within the areas of Existing Surfacing Materials receiving pulverization.

(b) **Water** - No separate measurement will be made for water.

There will be no measurement of quantities for earthwork in areas identified for Full Depth Reclamation treatment in the Plans. Estimated earthwork quantities for areas within the proposed roadway prism which do not receive Full Depth Reclamation treatment are shown in the Plans and will be measured according to 00330.81.

Payment

00643.90 Payment – 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) Full Depth Reclamation Base.....Square Yard

Item (a) includes pulverizing Existing Surfacing Materials, required overlaps according to 00643.43, mixing, water, compaction, and finishing in preparation for paving.

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

No separate or additional payment will be made for constructing overlaps according to 00643.43.

No separate or additional payment will be made for remixing and compaction as a result of failing compaction tests, proof rolls, or other latent defects.

No separate or additional payment will be made for earthwork in areas treated with Full Depth Reclamation as shown in the Plans. Earthwork for areas within the roadway prism which are not treated with Full Depth Reclamation will be paid according to 00330.90.

SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

Comply with Section 00730 of the Standard Specifications modified as follows:

00730.23 Power Brooms – Provide pickup and non-pickup type power brooms equipped with a positive means to control vertical pressure.

00730.42 Preparation of Underlying Surfaces – Add the following to the end of this subsection:

Carefully sweep the entire surface to be tacked to remove loose Material that could inhibit tack coat bonding. Use a minimum of two power brooms. In curbed areas or in areas of cold plane pavement removal, use a pickup type power broom.

Pavement surface shall be cleaned to the apparent existing edge of pavement.

Perform additional passes with a power broom as directed. Application of tack coat shall not commence until surface cleanliness has been verified and approved by the Engineer.

00730.44 Applying Tack Coat - Apply the Emulsified Asphalt with a pressure distributor conforming to 00730.22, unless otherwise allowed. Apply the Emulsified Asphalt to the prepared surface at a rate between 0.05 and 0.20 gallons per square yard as directed and with the Emulsified Asphalt temperature between 140 °F and 185 °F as recommended by the manufacturer. Refer to the manufacturer's recommendations for tack coat application rates for the underlying surface type and type of emulsion used. Application rates for tack coat diluted according to 00730.11 will be increased as necessary to provide the same amount of residual asphalt as the application rates specified above.

Do not place hot mixed asphalt concrete Pavement or Emulsified Asphalt Concrete Pavement on the tack coat until the Emulsified Asphalt separates from the water (breaks), but before it loses its tackiness. Refer to manufacturer recommendations regarding break/set time. Minimize truck traffic on the tacked surface.

00730.80 Measurement - Replace this subsection, except for the subsection number and title, with the following:

No measurement will be made for Emulsified Asphalt tack coat.

00730.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

No separate or additional payment will be made for Emulsified Asphalt tack coat. Approximately 115 Tons of Emulsified Asphalt in tack coat will be required on this Project.

SECTION 00744 - ASPHALT CONCRETE PAVEMENT

Comply with Section 00744 of the Standard Specifications modified as follows:

00744.11(a) Asphalt Cement - Add the following to the end of this subsection:

Provide PG 58-34ER grade asphalt cement for this Project.

Add the following subsection:

00744.51 Opening Sections to Traffic - Schedule work so that, during the same shift, the surfaces being paved are paved full width and length through the top Base Course before opening to traffic. Traffic will be allowed on the top Base Course up to 14 Calendar Days.

Before beginning wearing Course paving operations, make repairs to the existing surface as directed. Payment for the repairs will be made according to 00195.20.

SECTION 00749 - MISCELLANEOUS ASPHALT CONCRETE STRUCTURES

Comply with Section 00749 of the Standard Specifications modified as follows:

00749.14 Concrete - Delete this subsection.

SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications modified as follows:

00759.02 Definitions – Delete this subsection.

00759.11 Aggregate Base - Replace this subsection, except for the subsection number and title, with the following:

Furnish Aggregate Base Materials for Base, foundation courses, Leveling courses, or bedding meeting the requirements of 00640.10 or dense graded Base Aggregate in 00641.10 as appropriate and included in the Special Provisions.

00759.42 Foundations - Replace this subsection with the following subsection:

00759.42 Aggregate Base - Before placing concrete, prepare underlying Aggregate Base surfaces according to Section 00641.

00759.51 Curing - Add the following paragraph to the end of this subsection:

Concrete Structures may be opened to Public Traffic before 7 Calendar Days if the concrete has reached a minimum compressive strength of 2,000 psi as verified by the rebound number determined according to ASTM C805. Test at locations as directed.

00759.80 Measurement - Replace the bullet that begins “**Each Basis...**” with the following bullet:

- **Each Basis** - Measurement will be by actual count.

00759.90 Payment - Add the following pay items to the end of the list:

Pay Item	Unit of Measurement
(o) Concrete Drainage Apron	Each

Add the following paragraph:

Item (v) includes labor, equipment and materials necessary for construction of Concrete Drainage Aprons according to the Plans.

In the paragraph beginning with "No separate or additional payment...", add the following to the end of the bulleted list:

- concrete surfacing used in construction of Concrete Drainage Aprons.

SECTION 00810 - METAL GUARDRAIL

Comply with Section 00810 of the Standard Specifications modified as follows:

00810.41 Excavation and Backfill - Add the following paragraph to the end of this subsection:

Hand dig guardrail post holes or use other non-invasive methods when posts are located within 24 inches surrounding the outside dimension of all sides of underground utilities as shown or directed.

SECTION 00840 - DELINEATORS AND MILEPOST MARKER POSTS

Comply with Section 00840 of the Standard Specifications.

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

Comply with Section 00850 of the Standard Specifications modified as follows:

00850.45 Installation – Add the following to the end of this subsection:

Do not place liquid thermoplastic striping materials within one week of a rainfall event without prior written approval from the Engineer. Cease all pavement marking installation if the pavement surface is wet.

Add the following subsection:

00850.45 Notification – Notify property owners with active irrigation in proximity of the roadway a minimum of 48 hours in advance of striping placement.

00850.47(c) Retroreflectivity - Replace the sentence that begins "Except for paint applications..." with the following sentence:

Except for paint and colored lane marking applications, evaluate longitudinal and transverse marking retroreflectivity according to ODOT TM 777.

SECTION 00865 - LONGITUDINAL PAVEMENT MARKINGS - DURABLE

Comply with Section 00865 of the Standard Specifications.

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications.

SECTION 00868 - COLORED LANE MARKINGS

Comply with Section 00868 of the Standard Specifications.

SECTION 00905 - REMOVAL AND REINSTALLATION OF EXISTING SIGNS

Comply with Section 00905 of the Standard Specifications.

SECTION 00920 - SIGN SUPPORT FOOTINGS

Comply with Section 00920 of the Standard Specifications modified as follows:

00920.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of concrete for minor sign supports are:

Support Type	Quantity
Perforated Steel Square Tube Slip Base Sign Supports	9.8 cu. yd.

SECTION 00930 - METAL SIGN SUPPORTS

Comply with Section 00930 of the Standard Specifications modified as follows:

00930.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of structural steel are as follows:

Item	Estimated Quantity (Pound)
Minor Sign Supports	
Perforated Steel Square Tube Slip Base Sign Supports	3,335

SECTION 00940 - SIGNS

Comply with Section 00940 of the Standard Specifications modified as follows:

00940.47 Sign Erecting - Add the following paragraph to the end of this subsection:

Trim and remove branches, vegetation, or other materials obstructing the visibility of signs by Public Traffic according to 00320.40(c).

00940.90 Payment - Add the following paragraphs to the end of this subsection:

Trimming and removal of branches, vegetation, or other materials will be paid for according to 00320.90.

SECTION 01012 - STORMWATER CONTROL, WATER QUALITY BIOFILTRATION SWALE

Section 01012, which is not a Standard Specification, is included for this Project by Special Provision.

Description

01012.00 Scope - This Work consists of furnishing and installing a water quality biofiltration swale as shown.

01012.10 Materials - Furnish Material meeting the following requirements:

Check Dam, Type 2.....00280.15(a)

01012.12 Water Quality Mixture - Furnish medium compost meeting the requirements of Section 03020. Furnish soil meeting the following gradation requirements:

Sieve Size	Percent Passing (by Weight)
No. 4	100
No 10	95 - 100
No. 40	40 - 60
No. 100	10 - 25
No. 200	5 - 10

Sample soil according to AASHTO R 90. Determine sieve analysis according to AASHTO T 27 and AASHTO T 11.

Blend the medium compost and soil so that the mixture:

- Is composed of between 20 percent and 25 percent medium compost material and between 75 percent and 80 percent soil material.
- Has a pH between 5.5 and 8.0.

- Does not have clumps greater than 3 inches in any direction.

Construction

01012.40 General - Construct water quality biofiltration swale facility as shown. Perform excavation, fine grading, and placement work only when the facility area is dry and only from the top of the swale area. Do not stockpile excavated material in the facility area. Perform work in sequence as follows:

- (a) **Scarify** - Scarify the subsoil area a minimum 12 inches deep.
- (b) **Placement of Water Quality Mixture** - Place the water quality mixture in maximum 12 inch Lifts. Compact each Lift with a water filled landscape roller.
- (c) **Seeding** - Seed according to 01030.13.
- (d) **Check Dams** - Install permanent check dams spaced as shown or directed.
- (e) **Stone Embankment** - Key and embed permanent check dams and rock basin flow Spreaders constructed with stone embankment horizontally into side slopes of swale to a depth not less than 12 inches. Where rock basin flow spreaders embed into side slopes, extend stone embankment 6 inches higher on side slope.

Measurement

01012.80 Measurement - The quantities of Water Quality Mixture will be measured on a volume basis. The cubic yard price includes the following:

- Water Quality Soil & Compost

Payment

01012.90 Payment - The accepted quantities of Work performed under this Section will be paid for at the Contract unit price for the item "Water Quality Mixture", per cubic yard.

Excavation will be paid according to 00330.90.

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.

SECTION 01030 – SEEDING

Comply with Section 01030 of the Standard Specifications modified as follows:

01030.13(f) Types of Seed Mixes - Add the following to the end of this subsection:

Provide the following seed mix formulas:

Permanent Seed Mixture:

Name	Mixture %
Anatone Bluebunch Wheatgrass	35
Nezpurs Idaho Fescue	25
Rimrock Indian Ricegrass	15
Canbar Canby Bluegrass	15
Turkey Lake Bottlebrush Squirreltail	7.5
Appar Blue Flax	2.5

01030.62(b)(3) Weed Control - Replace this subsection, except for the subsection number and title, with the following:

Kill and remove Specified Weeds as directed, prior to the Weeds going to seed. Keep WMAs and seeded areas Weed Free throughout the Establishment Period.

SECTION 01050 - FENCES

Comply with Section 01050 of the Standard Specifications modified as follows:

01050.45(c) Chain Link Fence Fabric and Wire - Delete the paragraph that begins "For bridge protective Fence only..."

01050.49 Removing and Rebuilding Fence – Add to the end of this subsection:

See Plans for details on existing fence material and locations to remove and rebuild. Fences that are removed but not rebuilt are included in Section 00310.

01050.90(d) Removing and Rebuilding Fence – Add the following to the end of this subsection:

No separate or additional payment will be made for removal of fence that is not to be rebuilt. Payment for removal of fences is included in 00310.91.

SECTION 01070 - MAILBOX SUPPORTS

Comply with Section 01070 of the Standard Specifications modified as follows:

Add the following subsection:

01070.15 New Mailboxes – When mailboxes cannot be removed and reinstalled on new supports, furnish new mailboxes in-kind.

01070.80 – Measurement - Replace this subsection, except for the subsection number and title, with the following:

The quantities of mailbox supports and new mailboxes will be measured on the unit basis of each kind of mailbox support and the number of new mailboxes, regardless of size, installed in permanent locations.

01070.90 Payment – Add the following to the list of Pay Items:

Pay Item	Unit of Measurement
New Mailbox.....	Each

Replace the bullet with begins with “Installing owner-furnished mailboxes” with the following:

- Reinstalling existing owner-furnished mailboxes and newspaper boxes on new mailbox supports.

SECTION 02110 – POSTS, BLOCKS, AND BRACES

Comply with Section 02110 of the Standard Specifications.

SECTION 02320 - GEOSYNTHETICS

Comply with Section 02320 of the Standard Specifications modified as follows:

02320.20 Geotextile Property Values – Replace Table 02320-3 with the following table:

Table 02320-3 Geotextile Property Values for Sediment Fence ¹

Geotextile Property	ASTM Test Method	Unit	Geotextile Property Requirements
			Woven and Nonwoven
Grab Tensile Strength (minimum) Machine and Cross Machine Directions	D 4632	lb	120 100
Apparent Opening Size (AOS) (maximum) U.S. Standard Sieve	D 4751	—	30
Permittivity (minimum)	D 4491	sec ⁻¹	0.05
Ultraviolet Stability Retained Strength (minimum)	D 4355 (at 500 hours)	%	70
¹ All geotextile properties are Minimum Average Roll Values (MARV). The test results for any sampled roll in a lot shall meet or exceed the values shown in the table.			

SECTION 02630 – BASE AGGREGATE

Comply with Section 02630 of the Standard Specifications.

SECTION 02640 – SHOULDER AGGREGATE

Comply with Section 02640 of the Standard Specifications.

SECTION 02820 – METAL GUARDRAIL

Comply with Section 02820 of the Standard Specifications.

SECTION 02910 - SIGN MATERIALS

Comply with Section 02910 of the Standard Specifications modified as follows:

Add the following subsection:

02910.23 Digital Printing -

(a) Digitally Printed Ink Systems – Provide digitally printed ink systems from the QPL that meet the following requirements:

- Produce traffic signs using components, and processes that comply with the retroreflective sheeting manufacturer's recommendations.
- Meet and comply with daytime and nighttime chromaticity (color standards) as recognized in ASTM D4956 *Standard Specification for Retroreflective Sheeting for Traffic Control*.
- Meet 70% for type XI standards of the initial retroreflectivity specifications of each respective reflective film color as found in ASTM D4956.

(b) Retroreflective Sheeting – Furnish retroreflective sheeting that:

- Consists of white or colored sheeting having a smooth outer surface and that has the property of a retroreflector over its entire surface.
- Conform to all requirements of the current version of ASTM D4956. Designate the retroreflective sheeting as type XI ASTM D4956 classification.
- Has a Class 1 pressure-sensitive adhesive, as defined by ASTM D4956, protected by an easily removable liner. Fabricate finished traffic signs and traffic sign faces using retroreflective sheeting of Type XI ASTM D4956 classification.

(c) Protective Overlay Film – Fabricate permanent traffic signs printed with digital ink systems with a full sign protective overlay film designed to provide a smooth surface needed for retroreflectivity, and to protect the sign from fading and UV degradation. Comply with the retroreflective sheeting manufacturer's recommendations for the overlamine to ensure proper adhesion and transparency. Meet the reflective film durability as identified in the warranty requirements.

02910.33 Permanent Legends – Replace this subsection, except for the subsection number and title, with the following:

(a) General – Permanent legends consist of white retroreflective screened, red retroreflective screened, black screened or cut-out white retroreflective sheeting. Meet the design of the FHWA Standard Rounded Capital Letter Alphabets for the letters and numerals of all permanent legends.

(b) Retroreflective White Screened Legend – Use transparent paste materials for the reverse screening of retroreflective white legends and for the screening of retroreflective red legends conforming to the recommendations of the manufacturer of the reflective sheeting.

(c) Retroreflective Cut-out Legend – Use Material for retroreflective cut-out legend conforming to the requirements of 02910.20.

(d) Nonreflective Black Screened Legend – Furnish Material for nonreflective black screened legends that is compatible with the sign sheeting, as recommended by the sign sheeting manufacturer.

(e) Nonreflective Black Cut-out Legend – Use Material for nonreflective cut-out legend conforming to 02910.21.

(f) Digitally Printed Sign – Use processes and Materials for digitally printed signs conforming to the requirements of 02910.23.

SECTION 03020 – EROSION MATERIALS

Comply with Section 03020 of the Standard Specifications.

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