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Clackamas County
www.clackamas.us



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DEVELOPMENT SERVICES BUILDING

150 BEAVERCREEK ROAD OREGON CITY, OR 97045

August 6, 2026

BCC Agenda Item: _____

Board of County Commissioners
Clackamas County

Approval of a Public Improvement Contract with Eagle Elsner for the Beaver Creek Woods Paving Project. Contract Value is \$553,640.70 for 4 months. Funding is through the Community Road Fund. No County General Funds are involved.

Previous Board Action/Review: None

Performance Clackamas: This project will provide strong infrastructure and ensure safe communities by maintaining the County's existing road infrastructure.

Counsel Review: Yes

Procurement Review: N/A

Contact Person: Jon Sparks

Contact Phone: 503-650-3235

EXECUTIVE SUMMARY: This contract is for the Beaver Creek Woods Paving Project which will resurface approximately 1.1 miles of road. This contract will resurface four (4) urban local roads which include: S Dans Ave between S Leland Rd and S Dans Ct, S Dales Ave between S Dans Ave and S Leslie Ave, S Marilyns Ave between S Dales Ave and the dead end, and S Leslie Ave between S Leland Rd and the dead end.

This contract will include, but not be limited to: placing approximately, 4,000 tons of asphalt; 21,000 square yards of surface removal; installing, maintaining, and removing temporary work zone traffic control measures; and performing incidental work as called for by specifications and plans.

PROCUREMENT PROCESS: This project was advertised in accordance with ORS and LCRB Rules on April 21, 2026. Bids were publicly opened on May 20, 2026. The County received five (5) bids: Eagle-Elsner, Inc., \$553,640.70; Knife River, \$673,707.00; North Santiam Paving, Co., \$654,001.00; Roy Houck Construction, LLC, \$633,101.00; and KNL Industries, Inc., \$694,130.00. After review of the bids, Eagle-Elsner, Inc., was determined to be the lowest responsive bidder.

RECOMMENDATION: Staff respectfully recommends that the Board approve this public improvement contract with Eagle-Elsner, Inc., for the Beaver Creek Woods Paving Project.

Respectfully submitted,

Dan Johnson

Dan Johnson, Director
Department of Transportation &
Development

For Filing Use Only



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT
Contract #0000001824

This Public Improvement Contract (the “Contract”) is made by and between the Clackamas County, a political subdivision of the State of Oregon, (“Owner”) and **Eagle-Elsner, Inc.** (“Contractor”), both collectively referred to as the “Parties”. This Contract shall become effective on the date this Contract has been signed by all the Parties and shall expire upon completion the completion of all obligations under the terms of this Contract unless terminated earlier by the Parties.

Project Name: # BID 2026-29 Beaver Creek Woods Paving Project

1. Contract Price, Contract Documents and Work.

The Contractor hereby agrees to perform all the work described in, and reasonably inferred from, the Contract Documents, as further defined below (“Work”). In consideration of the Contractor performing the Work in accordance with the terms of the Contract, the Owner agrees to pay the Contractor an amount not to exceed **Five Hundred Fifty-Three Thousand Six Hundred Forty Dollars Seventy Cents (\$553,640.70)** (the “Contract Price”). Payment will be made in accordance with the terms and conditions provided in the Contract Documents. The Contract Price is the amount contemplated by the Base Bid, as indicated in the accepted Bid. The Contract Price is the amount contemplated by the Base Bid, as indicated in the accepted Bid.

The following documents are incorporated by reference in this Contract and made a part hereof (“Contract Documents”):

- Notice of Contract Opportunity
- Supplemental Instructions to Bidders
- Bid Form
- Prevailing Wage Rates
- Plans, Specifications and Drawings
- Instructions to Bidders
- Bid Bond
- Performance Bond and Payment Bond
- Payroll and Certified Statement Form

The Plans, Specifications and Drawings expressly incorporated by reference into this Contract includes, but is not limited to, the Special Provisions for Beaver Creek Woods Paving Project (the “Specifications”), together with the provisions of the Oregon Standard Specifications for Construction (2021) referenced therein.

The Contractor shall comply with the prohibitions set forth in ORS 652.220, compliance of which is a material element of this Contract and failure to comply is a material breach that entitles County to exercise any rights and remedies available under this Contract including, but not limited to, termination for default.

2. Representatives.

Contractor has named Dave Elsner as its Authorized Representative to act on its behalf. Owner designates, or shall designate, its Authorized Representative as indicated below (check one):

☒ Unless otherwise specified in the Contract Documents, the Owner designates Jon Sparks as its Authorized Representative in the administration of this Contract. The above-named individual shall be the initial point of contact for matters related to Contract performance, payment, authorization, and to carry out the responsibilities of the Owner.

☐ Name of Owner’s Authorized Representative shall be submitted by Owner in a separate writing.

3. Key Persons.

The Contractor's personnel identified below shall be considered Key Persons and shall not be replaced during the project without the written permission of Owner, which shall not be unreasonably withheld. If the Contractor intends to substitute personnel, a request must be given to Owner at least 30 days prior to the intended time of substitution. When replacements have been approved by Owner, the Contractor shall provide a transition period of at least 10 working days during which the original and replacement personnel shall be working on the project concurrently. Once a replacement for any of these staff members is authorized, further replacement shall not occur without the written permission of Owner. The Contractor's project staff shall consist of the following personnel:

Project Executive: Dave Elsner shall be the Contractor's project executive, and will provide oversight and guidance throughout the project term.

Project Manager: Brent Williams shall be the Contractor's project manager and will participate in all meetings throughout the project term.

Job Superintendent: Dave Elsner shall be the Contractor's on-site job superintendent throughout the project term.

Project Engineer: Brent Williams shall be the Contractor's project engineer, providing assistance to the project manager, and subcontractor and supplier coordination throughout the project term.

4. Contract Dates.

The Contractor agrees to complete the Work in accordance with the following key dates:

COMMENCEMENT DATE: Upon Issuance of Notice to Proceed ("NTP")

SUBSTANTIAL COMPLETION DATE: August 28, 2026

FINAL COMPLETION DATE: December 31, 2026

Time is of the essence for this Contract. It is imperative that the Work in this Contract reach Substantial Completion and Final Completion by the above specified dates.

5. Insurance Certificates and Required Performance and Payment Bonds.

5.1 In accordance with Section 00170.70 of the Specifications, Contractor shall furnish proof of the required insurance naming Clackamas County as an additional insured. Insurance certificates may be returned with the signed Contract or may be emailed to the Owner's Contract Analyst.

5.2 Primary Coverage: Insurance carried by Contractor under the Contract shall be the primary coverage. The coverages indicated are minimums unless otherwise specified in the Contract Documents.

5.2.1 Workers' Compensation: All employers, including Contractor, that employ subject workers who work under the Contract in the State of Oregon shall comply with ORS 656.017 and provide the required Workers' Compensation coverage, unless such employers are exempt under ORS 656.126. This shall include Employer's Liability Insurance with coverage limits of not less than the minimum amount required by statute for each accident. Contractors who perform the Work without the assistance or labor of any employee need not obtain such coverage if the Contractor certifies so in writing. Contractor shall ensure that each of its Subcontractors complies with these requirements. The Contractor shall require proof of such Workers' Compensation coverage by receiving and keeping on file a certificate of insurance from each Subcontractor or anyone else directly employed by either the Contractor or its Subcontractors.

5.3 Builder's Risk Insurance: During the term of the Contract, for new construction the Contractor shall obtain and keep in effect Builder's Risk insurance on an all risk forms, including earthquake and flood, for an amount equal to the full amount of the Contract, plus any changes in values due to modifications, Change Orders and loss of materials added. Such Builder's Risk shall include, in addition to earthquake and flood, theft, vandalism, mischief, collapse, transit, debris removal, and architect's fees "soft costs" associated with delay of Project due to insured peril. Any deductible shall not exceed \$50,000 for each loss, except the earthquake and flood deductible which shall not exceed 2 percent of each loss or \$50,000, whichever is greater. The deductible shall be paid by Contractor. The policy will include as loss payees Owner, the Contractor and its Subcontractors as their interests may appear.

5.4 Builder's Risk Installation Floater: For Work other than new construction, Contractor shall obtain and keep in effect during the term of the Contract, a Builder's Risk Installation Floater for coverage of the Contractor's labor, materials and equipment to be used for completion of the Work performed under the Contract. The minimum amount of coverage to be carried shall be equal to the full amount of the Contract. The policy will include as loss payees Owner, the Contractor and its Subcontractors as their interests may appear. Owner may waive this requirement at its sole and absolute discretion.

5.4.1 Such insurance shall be maintained until Owner has occupied the facility.

5.4.2 A loss insured under the Builder's Risk insurance shall be adjusted by the Owner and made payable to the Owner as loss payee. The Contractor shall pay Subcontractors their just shares of insurance proceeds received by the Contractor, and by appropriate agreements, written where legally required for validity, shall require Subcontractors to make payments to their Sub-subcontractors in similar manner. The Owner shall have power to adjust and settle a loss with insurers.

5.5 "Tail" Coverage: If any of the required liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of the Contract for a duration of 36 months or the maximum time period available in the marketplace if less than 36 months. Contractor shall furnish certification of "tail" coverage as described or continuous "claims made" liability coverage for 36 months following Final Completion. Continuous "claims made" coverage will be acceptable in lieu of "tail" coverage, provided its retroactive date is on or before the effective date of the Contract. Owner's receipt of the policy endorsement evidencing such coverage shall be a condition precedent to Owner's obligation to make final payment and to Owner's final acceptance of Work or services and related warranty (if any).

5.6 Notice of Cancellation or Change: If the Contractor receives a non-renewal or cancellation notice from an insurance carrier affording coverage required herein, or receives notice that coverage no longer complies with the insurance requirements herein, Contractor agrees to notify Owner by fax within five (5) business days with a copy of the non-renewal or cancellation notice, or written specifics as to which coverage is no longer in compliance. When notified by Owner, the Contractor agrees to stop Work pursuant to the Contract at Contractor's expense, unless all required insurance remain in effect. Any failure to comply with the reporting provisions of this insurance, except for the potential exhaustion of aggregate limits, shall not affect the coverages provided to the Owner and its institutions, divisions, officers, and employees.

Owner shall have the right, but not the obligation, of prohibiting Contractor from entering the Project Site until a new certificate(s) of insurance is provided to Owner evidencing the replacement coverage. The Contractor agrees that Owner reserves the right to withhold payment to Contractor until evidence of reinstated or replacement coverage is provided to Owner.

5.7 Before execution of the Contract, the Contractor shall file with the Construction Contractors Board, and maintain in full force and effect, the separate public works bond required by Oregon Revised Statutes, Chapter 279C.830 and 279C.836, unless otherwise exempt under those provisions. The Contractor shall also include in every subcontract a provision requiring the Subcontractor to have a public works bond filed with the Construction Contractors Board before starting Work, unless otherwise exempt, and shall verify that the Subcontractor has filed a public works bond before permitting any Subcontractor to start Work.

5.8 When the Contract Price is \$50,000 or more, the Contractor shall furnish and maintain in effect at all times during the Contract Period a performance bond in a sum equal to the Contract Price and a separate payment bond also in a sum equal to the Contract Price. Contractor shall furnish such bonds even if the Contract Price is less than the above thresholds if otherwise required by the Contract Documents.

5.9 Bond forms furnished by the Owner and notarized by Contractor's surety company authorized to do business in Oregon are the only acceptable forms of performance and payment security, unless otherwise specified in the Contract Documents.

6. Responsibility for Damages/Indemnity.

6.1 Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay that may be caused by, or result from, the carrying out of the Work to be done under the Contract, or from any act, omission or neglect of the Contractor, its Subcontractors, employees, guests, visitors, invitees and agents.

6.2 To the fullest extent permitted by law, Contractor shall indemnify, defend (with counsel approved by Owner) and hold harmless the Owner and its elected officials, officers, directors, agents, and employees (collectively "Indemnitees") from and against all liabilities, damages, losses, claims, expenses, demands and actions of any nature whatsoever which arise out of, result from or are related to: (a) any damage, injury, loss, expense, inconvenience or delay described in this Section 6.1; (b) any accident or occurrence which happens or is alleged to have happened in or about the Project Site or any place where the Work is being performed, or in the vicinity of either, at any time prior to the time the Work is fully completed in all respects; (c) any failure of the Contractor to observe or perform any duty or obligation under the Contract Documents which is to be observed or performed by the Contractor, or any breach of any agreement, representation or warranty of the Contractor contained in the Contract Documents or in any subcontract; (d) the negligent acts or omissions of the Contractor, a Subcontractor or anyone directly or indirectly employed by them or any one of them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder (except to the extent otherwise void under ORS 30.140); and (e) any lien filed upon the Project or bond claim in connection with the Work. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this Section 6.2.

6.3 In claims against any person or entity indemnified under Section 6.2 by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under Section 6.2 shall not be limited on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

7. Tax Compliance.

The Contractor shall comply with all federal, state and local laws, regulation, executive orders and ordinances applicable to this Contract. Contractor represents and warrants that it has complied, and will continue to

comply throughout the duration of this Contract and any extensions, with all tax laws of this state or any political subdivision of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318. Any violation of this section shall constitute a material breach of this Contract and shall entitle Owner to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract or applicable law.

8. Confidential Information.

Contractor acknowledges that it and its employees or agents may, in the course of performing their responsibilities under this Contract, be exposed to or acquire information that is confidential to Owner. Any and all information of any form obtained by Contractor or its employees or agents in the performance of this Contract shall be deemed confidential information of Owner ("Confidential Information"). Contractor agrees to hold Confidential Information in strict confidence, using at least the same degree of care that Contractor uses in maintaining the confidentiality of its own confidential information, and not to copy, reproduce, sell, assign, license, market, transfer or otherwise dispose of, give, or disclose Confidential Information to third parties or use Confidential Information for any purpose unless specifically authorized in writing under this Contract.

9. Counterparts.

This Contract may be executed in several counterparts, all of which when taken together shall constitute an agreement binding on all Parties, notwithstanding that all Parties are not signatories to the same counterpart. Each copy of the Contract so executed shall constitute an original.

10. Integration.

All provisions of state law required to be part of this Contract, whether listed in the Specifications, Contract Documents or otherwise, are hereby integrated and adopted herein. Contractor acknowledges the obligations thereunder and that failure to comply with such terms is a material breach of this Contract.

The Contract Documents constitute the entire agreement between the parties. There are no other understandings, agreements or representations, oral or written, not specified herein regarding this Contract. Contractor, by the signature below of its authorized representative, hereby acknowledges that it has read this Contract, understands it, and agrees to be bound by its terms and conditions.

11. Liquidated Damages

The Contractor acknowledges that the Owner will sustain damages as a result of the Contractor's failure to substantially complete the Project in accordance with the Contract Documents. These damages may include, but are not limited to delays in completion, use of the Project, and costs associated with Contract administration and use of temporary facilities. The liquidated damages amount is not a penalty, but a reasonable estimate of the loss the Owner will suffer. Liquidated damages are set forth in the Contract Documents and may include the following:

11.1 15% of C divided by T per Calendar day past the Substantial Completion date, as set forth in section 00180.85 (b) (1).

11.2 \$500 per 15 minutes, or for a portion of 15 minutes, per lane, as set forth in 00180.85. (c).

11.3 \$500 per 20 minutes or for a portion of 20 minutes, for stopping or holding traffic longer than 20 minutes, as set forth in 00180.85 (e).

12. Compliance with Applicable Law. Contractor shall comply with all federal, state, county, and local laws, ordinances, and regulations applicable to the Work to be done under this Contract including, but not limited to, compliance with the prohibitions set forth in ORS 652.220, compliance of which is a material element of this Contract and failure to comply is a material breach that entitles County to exercise any rights and remedies available under this Contract including, but not limited to, termination for default.

13. Responsibility for Taxes. Contractor is solely responsible for payment of any federal, state, or local taxes required as a result of the Contract or the Work including, but not limited, to payment of the corporate activity tax imposed under enrolled HB 3427 (2019 Oregon regular legislative session). Contractor may not include its federal, state, or local tax obligations as part of the cost to perform the Work.

14. No Attorney Fees. In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Contract, each party shall be responsible for its own attorneys' fees and expenses.

15. Contractor DATA.

Eagle-Elsner, Inc.

P.O. Box 23294

Tigard, Oregon 97281

Contractor CCB # 27112 Expiration Date: 4/2/2028

Oregon Business Registry # 135009-13

Entity Type: DBC

State of Formation: Oregon

Payment information will be reported to the IRS under the name and taxpayer ID# provided by the Contractor. Information must be provided prior to contract approval. Information not matching IRS records could subject Contractor to 28 percent backup withholding.

In witness whereof, Owner executes this Contract and the Contractor does execute the same as of the day and year first above written.

Eagle-Elsner, Inc.

Clackamas County



6/25/26

____ Authorized Signature

____ Date

____ Chair

____ Date

Richard Eagle, President

Name / Title Printed

Recording Secretary

Approved for Legal Sufficiency



County Counsel

6/30/2026

Date



CLACKAMAS COUNTY PUBLIC IMPROVEMENT CONTRACT OPPORTUNITY

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CLACKAMAS COUNTY
NOTICE OF PUBLIC IMPROVEMENT CONTRACT OPPORTUNITY

INVITATION TO BID #2026-29
Beavercreek Woods Paving Project
April 21, 2026

Clackamas County ("County") through its Board of County Commissioners is accepting sealed bids for the **Beavercreek Woods Paving Project** until **May 20, 2026, 2:00 PM**, Pacific Time, ("Bid Closing") at the following location:

Bidding Documents can be downloaded from the state of Oregon procurement website ("OregonBuys") at the following address: <https://oregonbuys.gov/bsa/view/login/login.xhtml>, Document No.S-C01010-00016695.

Prospective Bidders will need to sign in to download the information and that information will be accumulated for a Plan Holder's List. Prospective Bidders are responsible for obtaining any Addenda from Website listed above.

Submitting Proposals: Bid Locker

Proposals will only be accepted electronically thru a secure online bid submission service, **Bid Locker**. *Email submissions to Clackamas County email addresses will no longer be accepted.*

- A. Completed proposal documents must arrive electronically via Bid Locker located at <https://bidlocker.us/a/clackamascounty/BidLocker>.
- B. Bid Locker will electronically document the date and time of all submissions. Completed documents must arrive by the deadline indicated in Section 1 or as modified by Addendum. **LATE PROPOSALS WILL NOT BE ACCEPTED.**
- C. Proposers must register and create a profile for their business with Bid Locker in order to submit for this project. It is free to register for Bid Locker.
- D. Proposers with further questions concerning Bid Locker may review the Vendor's Guide located at <https://www.clackamas.us/how-to-bid-on-county-projects>.

Engineers Estimate: \$770,600.00

Contact Information

Procurement Process and Technical Questions: Tralee Whitley at TWhitley@clackamas.us

Bids will be opened and publicly read aloud at the above Delivery address after the Bid Closing. Bid results will also be posted to the OregonBuys listing shortly after the opening.

To be eligible for award under this Invitation to Bid, bidders (prime contractors) must submit a prequalification application (either ODOT or County) to the County at least two business days prior to the Bid Closing. County will reject bids from bidders who are not prequalified for the class of work indicated prior to the Bid Closing. **Bidders must be prequalified in Asphalt Concrete Paving and Oiling (ACP), Pavement Markings (PAVE), Temporary Traffic Control (TTC), and Earthwork (EART).**

State Prevailing Wage

Prevailing Wage Rates requirements apply to this Project because the maximum compensation for all Owner-contracted Work is more than \$50,000. Contractor and all subcontractors shall comply with the provisions of ORS 279C.800 through 279C.870, relative to Prevailing Wage Rates. The Bureau of Labor and Industries (BOLI) wage rates and requirements set forth in the following BOLI booklet (and any

listed amendments to that booklet), which are incorporated herein by reference, apply to the Work authorized under this Agreement:

PREVAILING WAGE RATES for Public Works Contracts in Oregon, January 5, 2026 and amended on April 5, 2026, which can be downloaded at the following web address:

http://www.oregon.gov/boli/WHD/PWR/Pages/pwr_state.aspx The Work will take place in Clackamas County, Oregon.

Clackamas County encourages bids from Minority, Women, and Emerging Small Businesses.



CLACKAMAS COUNTY PUBLIC IMPROVEMENT CONTRACT

INSTRUCTIONS TO BIDDERS

Clackamas County Local Contract Review Board Rules ("LCRB Rules") govern this procurement process. LCRB Rules may be found at: <http://www.clackamas.us/code/documents/appendixc.pdf>. The Instructions to Bidders is applicable to the procurement process for Clackamas County, or any component unit thereof identified on the Notice of Public Improvement Contract Opportunity, herein after referred to as the "Owner."

Article 1. Scope of Work

The work contemplated under this contract with the Owner, includes all labor, materials, transportation, equipment and services necessary for, and reasonably incidental to, the completion of all construction work in connection with the project described in the Project Manual which includes, but is not necessarily limited to, the Notice of Public Improvement Contract Opportunity, Instructions to Bidders, Supplemental Instructions to Bidders, Bid Form, Bid Bond, Public Improvement Contract Form, Performance Bond, Payment Bond, and Plans, Specifications and Drawings.

Article 2. Examination of Site and Conditions

Before making a Bid, the Bidder shall examine the site of the work and ascertain all the physical conditions in relation thereto. The Bidder shall also make a careful examination of the Project Manual including the plans, specifications, and drawings and other contract documents, and shall be fully informed as to the quality and quantity of materials and the sources of supply of the materials. Failure to take these steps will not release the successful Bidder from entering into the contract nor excuse the Bidder from performing the work in strict accordance with the terms of the contract at the price established by the Bid.

The Owner will not be responsible for any loss or for any unanticipated costs, which may be suffered by the successful Bidder, as a result of such

Bidder's failure to be fully informed in advance with regard to all conditions pertaining to the work and the character of the work required, including site conditions. No statement made by an elected official, officer, agent, or employee of the Owner in relation to the physical or other conditions pertaining to the site of the work will be binding on the Owner, unless covered by the Project Manual or an Addendum.

Article 3. Interpretation of Project Manual and Approval of Materials Equal to Those Provided in the Specifications

If any Bidder contemplating submitting a Bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications or forms of contract documents, or detects discrepancies or omissions, such Bidder may submit to the Architect (read "Engineer" throughout in lieu of Architect as appropriate) a written request for an interpretation thereof at least ten (10) calendar days prior to the date set for the Bid Closing.

When a prospective Bidder seeks approval of a particular manufacturer's material, process or item of equal value, utility or merit other than that designated by the Architect in the Project Manual, the Bidder may submit to the Architect a written request for approval of such substitute at least ten (10) calendar days prior to the date set for the Bid Closing. The prospective Bidder submitting the request will be responsible for its prompt delivery.

Requests of approval for a substitution from that specified shall be accompanied by samples, records of performance, certified copies of tests by impartial and recognized laboratories, and such other information as the Architect may request.

To establish a basis of quality, certain processes, types of machinery and equipment or kinds of materials may be specified in the Project Manual either by description of process or by designating a

manufacturer by name and referring to a brand or product designation or by specifying a kind of material. Whenever a process is designated or a manufacturer's name, brand or item designation is given, or whenever a process or material covered by patent is designated or described, it shall be understood that the words "or approved equal" follow such name, designation or description, whether in fact they do so or not.

Any interpretation of the Project Manual or approval of manufacturer's material will be made only by an Addendum duly issued. All Addenda will be posted to the OregonBuys listing and will become a part of the Project Manual. The Owner will not be responsible for any other explanation or interpretation of the Project Manual nor for any other approval of a particular manufacturer's process or item for any Bidder.

When the Architect approves a substitution by Addendum, it is with the understanding that the Contractor guarantees the substituted article or material to be equal or better than the one specified.

Article 4. Security to Be Furnished by Each Bidder

Each Bid must be accompanied by either 1) a cashier's check or a certified check drawn on a bank authorized to do business in the State of Oregon, or 2) a Bid bond described hereinafter, executed in favor of the Owner, for an amount equal to ten percent (10%) of the total amount Bid as a guarantee that, if awarded the contract, the Bidder will execute the contract and provide a performance bond and payment bond as required. The successful Bidder's check or Bid bond will be retained until the Bidder has entered into a contract satisfactory to Owner and furnished a one hundred percent (100%) performance bond and one hundred percent (100%) payment bond. The Owner reserves the right to hold the Bid security as described in Article 10 hereof. Should the successful Bidder fail to execute and deliver the contract as provided for in Article 12 hereof, including a satisfactory performance bond and payment bond within twenty (20) calendar days after the Bid has been accepted by the Owner, then the contract award made to such Bidder may be considered canceled and the Bid security may be

forfeited as liquidated damages at the option of the Owner. The date of the acceptance of the Bid and the award of the contract as contemplated by the Project Manual shall mean the date of acceptance specified in the Notice of Intent to Award.

Article 5. Execution of Bid Bond

Should the Bidder elect to utilize a Bid bond as described in Article 4 in order to satisfy the Bid security requirements, such form must be completed in the following manner:

- A. Bid bonds must be executed on the County forms, which will be provided to all prospective Bidders by the Owner.
- B. The Bid bond shall be executed on behalf of a bonding company licensed to do business in the State of Oregon.
- C. In the case of a sole individual, the bond need only be executed as principal by the sole individual. In the case of a partnership, the bond must be executed by at least one of the partners. In the case of a corporation, the bond must be executed by stating the official name of the corporation under which is placed the signature of an officer authorized to sign on behalf of the corporation followed by such person's official capacity, such as president, etc. The corporation seal should then be affixed to the bond.
- D. The name of the surety must be stated in the execution over the signature of its duly authorized attorney-in-fact and accompanied by the seal of the surety corporation.

Article 6. Execution of the Bid Form

Each Bid shall be made in accordance with: (i) the sample Bid Form accompanying these instructions; (ii) the appropriate signatures for a sole individual, partnership, corporation or limited liability corporation shall be added as noted in Article 5C above; (iii) numbers pertaining to base Bids shall be stated both in writing and in figures; and (iv) the Bidder's address shall be typed or printed.

The Bid Form relates to Bids on a specific Project

Manual. Only the amounts and information asked for on the Bid Form furnished will be considered as the Bid. Each Bidder shall Bid upon the work exactly as specified and provided in the Bid Form. The Bidder shall include in the Bid a sum to cover the cost of all items contemplated by the Contract. The Bidder shall Bid upon all alternates that may be indicated on the Bid Form. When Bidding on an alternate for which there is no charge, the Bidder shall write the words "No Charge" in the space provided on the Bid Form. If one or more alternates are shown on the Bid Form, the Bidder shall indicate whether each is "add" or "deduct."

Article 7. Prohibition of Alterations to Bid

Bids that are incomplete, or contain ambiguities or have differing conditions required by the Bidder, including requested changes or exceptions to the Public Improvement Contract form or other portions of the Project Manual, may be rejected in Owner's sole and absolute discretion.

Article 8. Submission of Bid

Each Bid shall be sealed in an envelope, properly addressed to the Owner, showing on the outside of the envelope the name of the Bidder and the name of the project. Bids will be received at the time and place stated in the Notice of Public Improvement Contract Opportunity.

Article 9. Bid Closing and Opening of Bids

All Bids must be received by the Owner at the place and time set for the Bid Closing. Any Bids received after the scheduled Bid Closing time for receipt of Bids will be rejected.

At the time of opening and reading of Bids, each Bid received will be publicly opened and read aloud, irrespective of any irregularities or informalities in such Bids.

Generally, Bid results will be posted to the Oregonbuys Website within a couple hours of the opening.

Article 10. Acceptance or Rejection of Bids by Owner

Unless all Bids are rejected, the Owner will award a contract based on the lowest responsive Bid from a responsible Bidder. If that Bidder does not execute the contract, it will be awarded to the next lowest responsible Bidder or Bidders in succession.

The Owner reserves the right to reject all Bids and to waive minor informalities. The procedures for contract awards shall be in compliance with the provisions of the LCRB Rules in effect at that time.

The Owner reserves the right to hold the Bid and Bid security of the three lowest Bidders for a period of thirty (30) calendar days from and after the time of Bid opening pending award of the contract. Following award of the contract the Bid security of the three lowest Bidders may be held twenty (20) calendar days pending execution of the contract. All other Bids will be rejected and Bid security will be returned.

In determining the lowest Bidder, the Owner reserves the right to take into consideration any or all authorized base Bids as well as alternates or combinations indicated in the Bid Form.

If no Bid has been accepted within thirty (30) calendar days after the opening of the Bids, each of the three lowest Bidders may withdraw the Bid submitted and request the return of the Bid security.

Article 11. Withdrawal of Bid

At any time prior to the Bid Closing, a Bidder may withdraw its Bid. This will not preclude the submission of another Bid by such Bidder prior to the time set for the Bid Closing.

After the time set for the Bid Closing, no Bidder will be permitted to withdraw its Bid within the time frames specified in Article 10 for award and execution, except as provided for in that Article.

Article 12. Execution of Contract, Performance Bond and Payment Bond

The Owner will provide the successful Bidder with contract forms within seven (7) calendar days after

the completion of the award protest period. The Bidder is required to execute the contract forms as provided, including a performance bond and a payment bond from a surety company licensed to do surety business in the State of Oregon, within seven (7) calendar days after receipt of the contract forms. The contract forms shall be delivered to the Owner in the number called for and to the location as instructed by the Owner.

Article 13. Recyclable Products

Contractors will use recyclable products to the maximum extent economically feasible in the performance of the Contract.

Article 14. Clarification or Protest of the Solicitation Document or Specifications

Any request for clarification or protest of the solicitation document or specifications must be submitted in the manner provided for in the applicable section of the LCRB Rules to the Procurement Representative referenced in the Notice of Public Improvement Contract Opportunity.

A protest of the Solicitation Document must be received within seven (7) business days of the issuance of the Bid or within three (3) business days of issuance of an addendum.

Requests for clarification may be submitted no less than five (5) business days prior to the Bid Closing Date.

Article 15. Protest of Intent to Award

Owner will name the apparent successful Bidder in a "Notice of Intent to Award" letter. Identification of the apparent successful Bidder is procedural only and creates no right in the named Bidder to the award of the contract. Competing Bidders will be notified by publication of the Notice of Intent to Award on the OregonBuys Website of the selection of the apparent successful Bidder(s) and Bidders shall be given seven (7) calendar days from the date on the "Notice of Intent to Award" letter to review the file at the Procurement Division office and file a written protest of award, pursuant to C-049-0450. Any

award protest must be in writing and must be delivered by email, hand delivery, or mail to the Procurement Division Director at: Procurement Division, 2051 Kaen Road, Oregon City, OR 97045.

Article 16. Disclosure of First-Tier Subcontractors

Within two (2) working hours after the Bid Closing, all Bidders shall submit to the County a disclosure form identifying any first-tier subcontractors (those entities that would be contracting directly with the prime contractor) that will be furnishing labor and materials on the contract, if awarded, whose subcontract value would be equal to or greater than: (a) Five percent (5%) of the total contract price, but at least \$15,000; or (b) \$350,000, regardless of the percentage of the total contract price.

Disclosures may be submitted with the Bid or may be hand delivered to the Bid Closing address or emailed to the Contract Information Analyst listed on the Notice of Contract Opportunity.



**CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT**

SUPPLEMENTAL INSTRUCTIONS TO BIDDERS

Project Name: # 2026-29 Beavercreek Woods Paving Project

The following modify the Clackamas County “Instructions to Bidders” for this Project. Where a portion of the Instructions to Bidders has been modified by these Supplemental Instructions to Bidders, the unaltered portions shall remain in effect.

- 1. To be eligible for award under this Invitation to Bid, bidders (prime contractors) must submit a prequalification application (either ODOT or County) to the County at least two business days prior to the Bid Closing. County will reject bids from bidders who are not prequalified for the class of work indicated prior to the Bid Closing. Bidders must be prequalified in Asphalt Concrete Paving & Oiling (ACP), Pavement Markings (PAVE), Temporary Traffic Control (TTC), and Earthwork (EART)**
- 1. Electronic Submissions: The County is requiring all bids for this project be electronically submitted. Complete Bids (including all attachments) will only be accepted electronically thru a secure online bid submission service, Bid Locker. Email submissions to Clackamas County email addresses will no longer be accepted. <https://bidlocker.us/a/clackamascounty/BidLocker>.**

Bids will be publicly read aloud via the computer application, Zoom. Bidders will be allowed to video conference or listen by phone to the bid results. The projects Zoom meeting can be accessed via the information below:

ZOOM LINKS.

Join Zoom Meeting

<https://clackamascounty.zoom.us/j/81718031457>

Meeting ID: 817 1803 1457

One tap mobile

+12532158782,,81718031457# US (Tacoma)

+13462487799,,81718031457# US (Houston)

Join instructions

https://clackamascounty.zoom.us/meetings/81718031457/invitations?signature=z3RNdy3_agPCKKjda55hgVUDo-jh45aIQ8FqNCHXHp8

****The Apparent Low bid results will be posted to the projects OregonBuys listing as soon as possible following the bid opening.**

- 2. Good Faith Effort:** Clackamas County encourages participation in contracts by Historically Underrepresented Businesses. “Historically Underrepresented Businesses” are State of Oregon-certified and self-identified minority, women and emerging small business as well as firms that are certified federally or by another state or entity with substantially similar requirements as the State of Oregon.

Bidders must perform Good Faith Effort (defined below) and submit **Form 1 and Form 2** for the Bidders Bid to be considered responsive. **Form 1 and Form 2** must be submitted within two (2) hours after the Closing Date and Time. Form 1 and Form 2 may be submitted to either the Contact Information Analyst listed on Notice of Contract Opportunity or via the <https://bidlocker.us/a/clackamascounty/BidLocker> listing.

“Good Faith Effort” is a requirement of a prime contractor to reach out to at least three Historically Underrepresented Business Subcontractors for each division of work that will be subcontracted out and to complete the required forms. If fewer than three Historically Underrepresented Business Subcontractors are reasonably available for a particular division of work, the Bidder must specifically note the reason for there being fewer than three contacts. The outreach should be performed with sufficient time to give the subcontractors at least 5 calendar days to respond to the opportunity. Form 3, which documents the actual amount of subcontractors on the project, must be submitted with the project final pay application. Compliance with the Good Faith Effort and submission of Forms 1, 2 and 3 is a contractual requirement for final payment.

The sufficiency of the documentation or the performance of Good Faith Effort shall be in the sole and absolute determination of Clackamas County. Only those Bidders that Clackamas County has determined have not sufficiently performed Good Faith Effort shall have protest rights of the determination for such Bidder. No Bidder shall have protest rights of the sufficiency of any other Bidder completing Good Faith Effort.

**CLACKAMAS COUNTY
GOOD FAITH EFFORT
SUBCONTRACTOR AND SELF-PERFORMED WORK LIST
(FORM 1)**

Prime Contractor Name: Eagle-Elsner, Inc.

Total Contract Amount: **553,640.70**

Project Name: # 2026-29 Beaver Creek Woods Paving Project

PRIME SELF-PERFORMING: Identify below ALL GFE Divisions of Work (DOW) to be self-performed. Good Faith Efforts are otherwise required.

DOW BIDDER WILL SELF-PERFORM (GFE not required)

<u>PAVING, Temp Traffic</u>	
<u>Erosion Control</u>	<u>Subgrade</u>
<u>Pollution Control</u>	<u>Demo</u>
<u>Survey</u>	

PRIME CONTRACTOR SHALL DISCLOSE AND LIST ALL SUBCONTRACTORS, including those Minority-owned, Woman-owned, and Emerging Small Businesses ("MW/ESB") that you intend to use on the project. Delivery via bid locker <https://bidlocker.us/a/clackamascounty/BidLocker> within 2 hours of the BID/Quote Closing Date/Time.

LIST ALL SUBCONTRACTORS BELOW Use <u>correct legal name</u> of Subcontractor (No Assumed Business Names)	Division of Work (Painting, electrical, landscaping, etc.) List ALL DOW performed by Subcontractors	DOLLAR AMOUNT OF SUBCONTRACT	If Certified or self-reporting MBE/WBE/ESB Subcontractor Check box ☒		
			MBE	WBE	ESB
Name HIGH QUALITY TRAFFIC Address 15400 LIBBY LANE SE City/St/Zip JEFFERSON, OR 97352 Phone# (503) 949-8656 OCCB# 233615	FLAGGING	\$74.00/HK AS NEEDED	☐	☒	☐
Name Hatch Western Co. Address P.O. BOX 4070 City/St/Zip Wilsonville, OR Phone# (503) 563-6234 OCCB# 63338	GRINDING	20,790-	☐	☐	☐
Name SPM Address 11095 SW INDUSTRIAL WY City/St/Zip TUALATIN, OR Phone# (503) 885-0420 OCCB# 23862	STRIPING	4351-	☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐

**CLACKAMAS COUNTY
GOOD FAITH EFFORT
M/W/ESB CONTACT / BIDS RECEIVED LOG
(FORM 2)**

Prime Contractor: Eagle-Elsner, Inc.

Project: # 2026-29 Beaver Creek Woods Paving Project

Prime Contractor must contact or endeavor to contact at least 3 M/W/ESB Subcontractors for each Division of Work. Prime Contractor shall record its contacts with M/W/ESB Subcontractors through use of this log (or equivalent) entering all required information. All columns shall be completed where applicable. Additional forms may be copied if needed.

NAME OF M/W/ESB SUBCONTRACTOR	Divisions of Work (Painting, electrical, landscaping, etc.)	Date Solicitation Letter / Fax Sent	PHONE CONTACT		BID ACTIVITY Check Yes or No			REJECTED BIDS (if bid received & not used)		Notes
			Date of Call	Person Receiving Call	Will Bid	Bid Received	Bid Used	Bid Amount	Reason Not Used (Price, Scope or Other. If Other, explain in Notes>>)	
A+ Flagging, Inc.	Flagging / Traffic Control	5/7/2026 & 5/19/2026	5/7/2026 & 5/19/2026	Christine	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No	\$79.50 / HR	Price is too expensive.	Emailed plans to the estimating department 5/7/2026.
Chick Of All Trades, LLC BDA - C.O.A.T. Flagging	Flagging / Traffic Control	5/7/2026	5/7/2026 & 5/19/2026	Jeremy	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		Not able to provide an hourly price.	Emailed plans to Jeremy (Dispatch department) 5/7/2026.
High Quality Traffic Control LLC. BDA - HQ Traffic Control	Flagging / Traffic Control	5/7/2026	5/7/2026 & 5/19/2026	Shelly Ream	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	\$74.00/ HR		Emailed plans to Shelly 5/7/2026.
DT Striping, LLC	Striping / Pavement Markings	5/8/2026 & 5/19/2026	5/8/2026 & 5/19/2026	Left voicemail for Donnie Crawford	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		No response received.	Emailed plans to Donnie 5/8/2026.
Legacy Paving & Construction LLC	Striping / Pavement Markings	5/8/2026 & 5/19/2026	5/8/2026 & 5/19/2026	Alex	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		No response received.	Emailed plans to Alex 5/8/2026.
Pacific Northwest Paving LLC	Striping / Pavement Markings	5/8/2026 & 5/19/2026	5/8/2026 & 5/19/2026	Left voicemail for Victor Mendoza	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		Currently too busy to provide quote.	Emailed plans to Victor 5/8/2026.
CL Surveying & Mapping Inc.	Construction Surveying	5/12/2026	5/12/2026	Marcus Reedy	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No	\$22,000 Lump Sum	Price is too expensive.	Emailed plans to Marcus Reedy 5/12/2026.

**CLACKAMAS COUNTY
GOOD FAITH EFFORT
M/W/ESB CONTACT / BIDS RECEIVED LOG
(FORM 2)**

Prime Contractor: Eagle-Elsner, Inc.
Project: # 2026-29 Beavercreek Woods Paving Project

Prime Contractor must contact or endeavor to contact at least 3 M/W/ESB Subcontractors for each Division of Work. Prime Contractor shall record its contacts with M/W/ESB Subcontractors through use of this log (or equivalent) entering all required information. All columns shall be completed where applicable. Additional forms may be copied if needed.

NAME OF M/W/ESB SUBCONTRACTOR	Divisions of Work (Painting, electrical, landscaping, etc.)	Date Solicitation Letter / Fax Sent	PHONE CONTACT		BID ACTIVITY Check Yes or No			REJECTED BIDS (if bid received & not used)		Notes
			Date of Call	Person Receiving Call	Will Bid	Bid Received	Bid Used	Bid Amount	Reason Not Used (Price, Scope or Other. If Other, explain in Notes>>)	
Recorp LLC	Land Surveying	5/12/2026 & 5/19/2026	5/12/2026 & 5/19/2026	Left a voicemail for Justin & Chelsea	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		Does not provide surveying for this type of project.	Emailed plans to Chelsea on 5/12/2026.
TCC & ASSOCIATES, INC.	Land Surveying		5/12/2026	Edmund Tawiah	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No			They no longer provide surveying, there lead surveyor retired.
PTS Surveying, Inc.	Land Surveying	5/12/2026 & 5/19/2026	5/12/2026 & 5/19/2026	Left voicemail for Tyler Handforth	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No		No response received.	Emailed plans to Tyler on 5/12/2026.
					☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			
					☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			
					☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			
					☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT

BID BOND

Project Name: # 2026-29 Beavercreek Woods Paving Project

We, Eagle Elsner, Inc., as "Principal,"
(Name of Principal)

and Western Surety Company, an South Dakota Corporation,
(Name of Surety)

authorized to transact Surety business in Oregon, as "Surety," hereby jointly and severally bind ourselves, our respective heirs, executors, administrators, successors and assigns to pay unto Clackamas County ("Obligee") the sum of (\$ 10% of Bid---)

Ten Percent of Total Amount Bid--- dollars.

WHEREAS, the condition of the obligation of this bond is that Principal has submitted its proposal or bid to an agency of the Obligee in response to Obligee's procurement document (No. ^{S-C01010-}₀₀₀₁₆₆₉₅) for the project identified above which proposal or bid is made a part of this bond by reference, and Principal is required to furnish bid security in an amount equal to ten (10%) percent of the total amount of the bid pursuant to the procurement document.

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, we have caused this instrument to be executed and sealed by our duly authorized legal representatives this 11th day of May, 2026.

Principal: Eagle Elsner, Inc.

By: Richard Eagle, Pres
Signature

PRESIDENT
Official Capacity

Attest: Mary Newson
Corporation Secretary

Surety: Western Surety Company

By: Gloria Bruning
By: Attorney-In-Fact

Gloria Bruning
Name

PO Box 2808
Address

Portland OR 97208
City State Zip

503-224-2500 503-224-9830
Phone Fax

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Philip O Forker, Vicki Mather, Gloria Bruning, Richard W Kowalski, Brent Olson, J Patrick Dooney, Joel Dietzman, Christopher A Reburn, Leticia Romano, Justin Cumnock, Andrew Choruby, Casey J Geske, Sterling Drew Roddan, Chloe Lyons, Jessi Wimer, Ashlee Pingree, Individually

of Lake Oswego, OR, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 10th day of February, 2026.



WESTERN SURETY COMPANY

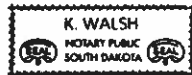
Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 10th day of February, 2026, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

December 4, 2031



K. Walsh, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Laws and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 11th day of May, 2026



WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7 All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligor Services > Validate Bond Coverage, if you want to verify bond authenticity.



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT

BID FORM

PROJECT: # 2026-29 Beaver Creek Woods Paving Project

BID CLOSING: May 20, 2026, 2:00 PM, Pacific Time

BID OPENING: May 20, 2026, 2:05 PM, Pacific Time

FROM: EAGLE-ELSNER, INC.

Bidder's Name (must be full legal name, not ABN/DBA)

TO: <https://bidlocker.us/a/clackamascounty/BidLocker>

1. Bidder is (check one of the following and insert information requested):

☐ a. An individual; or

☐ b. A partnership registered under the laws of the State of _____; or

☒ c. A corporation organized under the laws of the State of OREGON; or

☐ d. A limited liability corporation organized under the laws of the State of _____;

and authorized to do business in the State of Oregon hereby proposes to furnish all material and labor and perform all work hereinafter indicated for the above project in strict accordance with the Contract Documents for the Basic Bid as follows:

Five Hundred Fifty Three Thousand Dollars (\$ 553,640.70)
Six Hundred Forty and 70/100

and the Undersigned agrees to be bound by the following documents:

- Notice of Public Improvement Contract Opportunity
- Instructions to Bidders
- Bid Bond
- Public Improvement Contract Form
- Prevailing Wage Rates
- Plans, Specifications and Drawings
- Supplemental Instructions to Bidders
- Bid Form
- Performance Bond and Payment Bond
- Payroll and Certified Statement Form

• ADDENDA numbered 2 through 6, inclusive (fill in blanks)

2. The Undersigned proposes to add to or deduct from the Base Bid indicated above the items of work relating to the following Alternate(s) as designated in the Specifications: **N/A**

3. The Undersigned proposes to add to or deduct from the Base Bid indicated above the items or work relating to the following Unit Price(s) as designated in the Specifications, for which any adjustments in the Contract amount will be made in accordance with the project specifications: **Provide the attached Bid Schedules with Bid.**

4. The work shall be completed within the time stipulated and specified in 00180.50(h) of the Special Provisions for **Beaver Creek Woods Paving Project.**

5. Accompanying herewith is Bid Security which is equal to ten percent (10%) of the total amount of the Basic Bid, plus the total sum of Alternatives (if any).

6. The Undersigned agrees, if awarded the Contract, to execute and deliver to Clackamas County, within twenty (20) calendar days after receiving the Contract forms, a Contract Form, and a satisfactory Performance Bond and Payment Bond each in an amount equal to one hundred percent (100%) of the Contract sum, using forms provided by the Owner. The surety requested to issue the Performance Bond and Payment Bond will be:

WESTERN SURETY
(name of surety company - not insurance agency)

The Undersigned hereby authorizes said surety company to disclose any information to the Owner concerning the Undersigned's ability to supply a Performance Bond and Payment Bond each in the amount of the Contract.

7. The Undersigned further agrees that the Bid Security accompanying the Bid is left in escrow with Clackamas County; that the amount thereof is the measure of liquidated damages which the Owner will sustain by the failure of the Undersigned to execute and deliver the above-named Contract Form, Performance Bond and Payment Bond, each as published, and that if the Undersigned defaults in either executing the Contract Form or providing the Performance Bond and Payment Bond within twenty (20) calendar days after receiving the Contract forms, then the Bid Security shall become the property of the Owner at the Owner's option; but if the Bid is not accepted within thirty (30) calendar days of the time set for the opening of the Bids, or if the Undersigned executes and timely delivers said Contract Form, Performance Bond and Payment Bond, the Bid Security shall be returned.

8. The Undersigned certifies that: (i) This Bid has been arrived at independently and is being submitted without collusion with and without any agreement, understanding, or planned common course of action with any other vendor of materials, supplies, equipment or services described in the invitation to bid designed to limit independent bidding or competition; and (ii) the contents of the Bid have not been communicated by the Undersigned or its employees or agents to any person not an employee or agent of the Undersigned or its surety on any Bond furnished with the Bid and will not be communicated to such person prior to the official opening of the Bid.

9. The undersigned ☒ HAS, ☐ HAS NOT (check one) paid unemployment or income taxes in Oregon within the past 12 months and ☒ DOES, ☐ DOES NOT (check one) a business address in Oregon. The undersigned acknowledges that, if the selected bidder, that the undersigned will have to pay all applicable taxes and register to do business in the State of Oregon before executing the Contract Form.

10. The Undersigned agrees, if awarded a contract, to comply with the provisions of ORS 279C.800 through 279C.870 pertaining to the payment of the prevailing rates of wage.

11. Contractor's CCB registration number is 27112. As a condition to submitting a bid, a Contractor must be registered with the Oregon Construction Contractors Board in accordance with ORS 701.035 to 701.055, and disclose the registration number. Failure to register and disclose the number will make the bid unresponsive and it will be rejected, unless contrary to federal law.

12. The successful Bidder hereby certifies that all subcontractors who will perform construction work as described in ORS 701.005(2) were registered with the Construction Contractors Board in accordance with ORS 701.035 to 701.055 at the time the subcontractor(s) made a bid to work under the contract.

13. The successful Bidder hereby certifies that, in compliance with the Worker's Compensation Law of the State of Oregon, its Worker's Compensation Insurance provider is SAIF, Policy No. 810540, and that Contractor shall submit Certificates of Insurance as required.

14. Contractor's Key Individuals for this project (supply information as applicable):

Project Executive: DAVE ELSNER,
Project Manager: BRENT WILLIAMS,
Job Superintendent: DAVE ELSNER,
Project Engineer: BRENT WILLIAMS.

Cell Phone: (971) 235-4571,
Cell Phone: (503) 999-0497,
Cell Phone: (971) 235-4571,
Cell Phone: (503) 999-0497.

15. The Undersigned certifies that it has not discriminated against minority, women, or emerging small businesses in obtaining any subcontracts for this project.

16. The Undersigned certifies that it has a drug testing program in accordance with ORS 279C.505.

REMINDER: Bidder must submit the below First-Tier Subcontractor Disclosure Form.

By signature below, Contractor agrees to be bound by this Bid.

NAME OF FIRM

EAGLE-ELSNER, INC.

ADDRESS

P.O. BOX 23294

TIGARD, OR 97281

TELEPHONE NO

(503) 628-1137

EMAIL

DICK@EAGLE-ELSNER.COM

SIGNATURE 1)

Sole Individual

or 2)

Partner

or 3)

Richard Eagle, Pres
Authorized Officer or Employee of Corporation

***** END OF BID *****

Beavercreek Woods Paving Project

Summer 2026

page 1 of 2

Item #	Spec #	Item Description	Unit	Quantity	Unit Price	Amount
TEMPORARY FEATURES AND APPURTENANCES						
101	00197	EXTRA WORK DONE ON FORCE ACCOUNT BASIS	LS	1	\$10,000.00	\$10,000.00
102	00210	MOBILIZATION	LS	1	17000 ⁰⁰	17000 ⁰⁰
103	00221	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE: S DANS AVE	LS	1	3200 ⁰⁰	3200 ⁰⁰
104	00221	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE: S DALES AVE	LS	1	3200 ⁰⁰	3200 ⁰⁰
105	00221	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE: S MARILYNS AVE	LS	1	3200 ⁰⁰	3200 ⁰⁰
106	00221	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE: S LESLIE AVE	LS	1	3200 ⁰⁰	3200 ⁰⁰
107	00222	TEMPORARY PROJECT INFORMATION SIGNS	SQFT	45	43 ⁰⁰	1935 ⁰⁰
108	00225	TEMPORARY TAPE	LF	150	175 ⁰⁰	26250 ⁰⁰
109	00280	EROSION CONTROL PLAN	LS	1	300 ⁰⁰	300 ⁰⁰
110	00290	POLLUTION CONTROL PLAN	LS	1	300 ⁰⁰	300 ⁰⁰
TEMPORARY FEATURES AND APPURTENANCES					SUBTOTAL \$	49,487.50 ⁰⁰
						42,552.50
ROADWORK						
111	00305	CONSTRUCTION SURVEY WORK	LS	1	6100 ⁰⁰	6100 ⁰⁰
112	00310	REMOVAL OF SURFACINGS	SQYD	21,000	390 ⁰⁰	71,400 ⁰⁰
113	00331	12 INCH SUBGRADE STABILIZATION	SQYD	250	45 ⁰⁰	11,250 ⁰⁰
ROADWORK					SUBTOTAL \$	88,750 ⁰⁰
BASES						
114	00610	RECONDITION EXISTING ROADWAY	SQYD	21,000	090 ⁰⁰	18,900 ⁰⁰
BASES					SUBTOTAL \$	18,900 ⁰⁰
WEARING SURFACES						
115	00744	LEVEL 2, 1/2 INCH ACP MIXTURE	TON	4,000	99 ⁰⁰	396,000 ⁰⁰
116	00748	9 INCH ASPHALT CONCRETE PAVEMENT REPAIR	SQYD	50	60 ⁰⁰	3,000 ⁰⁰
117	00749	EXTRA FOR ASPHALT APPROACHES	EACH	3	600 ⁰⁰	1800 ⁰⁰
WEARING SURFACES					SUBTOTAL \$	400,800 ⁰⁰

217.56

Beavercreek Woods Paving Project

Summer 2026

page 2 of 2

PERMANENT TRAFFIC SAFETY AND GUIDENCE DEVICES						
Item #	Spec #	Item Description	Unit	Quantity		Amount
118	00867	LONGITUDINAL PAVEMENT MARKINGS, TYPE B	FOOT	178	320	694.20
119	867	PAVEMENT BAR, TYPE B-HS	SF	72	27.00	1944.00
PERMANENT TRAFFIC SAFETY AND GUIDENCE DEVICES					SUBTOTAL \$	2638.20
TOTAL					\$	553,640.70

Total Price Five Hundred Fifty ^{Three} Thousand ^{Six Hundred} ~~Seventy~~ ^{Forty} ~~Forty~~ Dollars and Seventy Cents

Name of Firm EAGLE-ELSNER, INC.

Name (Print) RICHARD EAGLE

Signature Richard Eagle, Pres 5/20/2026 Date

FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM
PROJECT: #2026-29

BID OPENING: May 20, 2026, 2:00 PM, Pacific Time

Failure to submit this Form by the disclosure deadline will result in a nonresponsive bid.

INSTRUCTIONS:

This First-Tier Subcontractor Disclosure Form ("Form") must be submitted and received at the location specified in the Notice of Public Improvement Contract Opportunity on the advertised Bid Closing, and within two working hours after the advertised Bid Closing Time.

- A. Completed proposal documents must arrive electronically via Bid Locker located at <https://bidlocker.us/a/clackamascounty/BidLocker>.
- B. Bid Locker will electronically document the date and time of all submissions. Completed documents must arrive by the deadline indicated in Section 1 or as modified by Addendum. **LATE PROPOSALS WILL NOT BE ACCEPTED.**
- C. Proposers must register and create a profile for their business with Bid Locker in order to submit for this project. It is free to register for Bid Locker.
- D. Proposers with further questions concerning Bid Locker may review the Vendor's Guide located at <https://www.clackamas.us/how-to-bid-on-county-projects>.

Subcontractor lists may be submitted with the bid in the same envelope or email at the Bid Closing date and time. Subcontractor lists **MUST** be submitted within **two (2) hours** of the Bid Closing date and time.

List below the name of each subcontractor that will be furnishing labor, or labor and materials, for which disclosure is required, the category of work that the subcontractor will be performing, and the dollar value of the subcontract. Enter **"NONE"** if the value of the project bid is less than \$100,000 or there are no subcontractors that need to be disclosed. ATTACH ADDITIONAL SHEETS IF NECESSARY.

	SUBCONTRACTOR NAME	DOLLAR VALUE	CATEGORY OF WORK
1.	N/A - NONE		
2.			
3.			
4.			
5.			
6.			

The above listed first-tier subcontractor(s) are providing labor, or labor and material, with a Dollar Value equal to or greater than:

- a) 5% of the total Contract Price, but at least \$15,000. If the Dollar Value is less than \$15,000 do not list the subcontractor above; or
- b) \$350,000 regardless of the percentage of the total Contract Price.

Firm Name: EAGLE-ELSNER, INC

Bidder Signature: Richard Eagle, Pres Phone # (503) 628-1137

all respects perform said contract according to law, then this obligation is to be void; otherwise, it shall remain in full force and effect for so long as any term of the Contract remains in effect.

Nonpayment of the bond premium will not invalidate this bond nor shall Clackamas County, be obligated for the payment of any premiums.

This bond is given and received under authority of Oregon Revised Statutes Chapter 279C and the Clackamas County Local Contractor Review Board Rules, the provisions of which hereby are incorporated into this bond and made a part hereof.

IN WITNESS WHEREOF, WE HAVE CAUSED THIS INSTRUMENT TO BE EXECUTED AND SEALED BY OUR DULY AUTHORIZED LEGAL REPRESENTATIVES.

Dated this _____ day of _____ June _____, 2026.

PRINCIPAL: Eagle Elsner, Inc.

By: Richard Eagle, Pres
Signature

Attest: Mary Stratton
Official Capacity
Corporation Secretary

SURETY: Western Surety Company
[Add signatures for each if using multiple bonds]

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

Gloria Bruning
Gloria Bruning Name
Signature

PO Box 2808
Address
Portland OR 97208
City State Zip
503-224-2500 503-224-9830
Phone Fax



1. The first part of the report is a summary of the work done during the year.

2. The second part is a detailed account of the work done during the year.

3. The third part is a summary of the work done during the year.

4. The fourth part is a summary of the work done during the year.

5. The fifth part is a summary of the work done during the year.

6. The sixth part is a summary of the work done during the year.

7. The seventh part is a summary of the work done during the year.

8. The eighth part is a summary of the work done during the year.

9. The ninth part is a summary of the work done during the year.

10. The tenth part is a summary of the work done during the year.

11. The eleventh part is a summary of the work done during the year.

12. The twelfth part is a summary of the work done during the year.

13. The thirteenth part is a summary of the work done during the year.

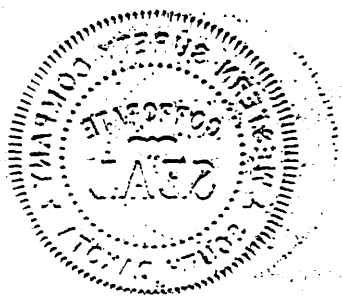
14. The fourteenth part is a summary of the work done during the year.

15. The fifteenth part is a summary of the work done during the year.

16. The sixteenth part is a summary of the work done during the year.

17. The seventeenth part is a summary of the work done during the year.

18. The eighteenth part is a summary of the work done during the year.



Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Philip O Forker, Vicki Mather, Gloria Bruning, Richard W Kowalski, Brent Olson, J Patrick Dooney, Joel Dietzman, Christopher A Reburn, Leticia Romano, Justin Cumnock, Andrew Choruby, Casey J Geske, Sterling Drew Roddan, Chloe Lyons, Jessi Wimer, Ashlee Pingree, Individually

of Lake Oswego, OR, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 10th day of February, 2026.



WESTERN SURETY COMPANY

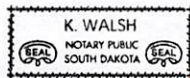
Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 10th day of February, 2026, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

December 4, 2031



K. Walsh, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Laws and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this day of June, 2026



WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligor Services > Validate Bond Coverage, if you want to verify bond authenticity.



**CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT**

PAYMENT BOND

Bond No.: 30277701
Solicitation: #2026-29
Project Name: Beaver Creek Woods Paving Project

Western Surety Company (Surety #1)	Bond Amount No. 1:	\$ <u>553,640.70</u>
(Surety #2)*	Bond Amount No. 2:*	\$ _____
* If using multiple sureties	Total Penal Sum of Bond:	\$ <u>553,640.70</u>

We, Eagle Elsner, Inc., as Principal, and the above identified Surety(ies), authorized to transact surety business in Oregon, as Surety, hereby jointly and severally bind ourselves, our respective heirs, executors, administrators, successors and assigns firmly by these presents to pay unto Clackamas County, the sum of (Total Penal Sum of Bond) Five Hundred Fifty Three Thousand Six Hundred Forty & 70/100--(\$553,640.70) (Provided, that we the Sureties bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety); and

WHEREAS, the Principal has entered into a contract with Clackamas County, along with the plans, specifications, terms and conditions of which are contained in above-referenced Solicitation; and

WHEREAS, the terms and conditions of the contract, together with applicable plans, standard specifications, special provisions, schedule of performance, and schedule of contract prices, are made a part of this Payment Bond by reference, whether or not attached to the contract (all hereafter called "Contract"); and

WHEREAS, the Principal has agreed to perform the Contract in accordance with the terms, conditions, requirements, plans and specifications, and schedule of contract prices which are set forth in the Contract and any attachments, and all authorized modifications of the Contract which increase the amount of the work, or the cost of the Contract, or constitute authorized extensions of time for performance of the Contract, notice of any such modifications hereby being waived by the Surety:

NOW, THEREFORE, THE CONDITION OF THIS BOND IS SUCH that if the Principal shall faithfully and truly observe and comply with the terms, conditions and provisions of the Contract, in all respects, and shall well and truly and fully do and perform all matters and things by it undertaken to be performed under said Contract and any duly authorized modifications that are made, upon the terms set forth therein, and within the time prescribed therein, or as extended therein as provided in the Contract, with or without notice to the Sureties, and shall defend, indemnify, and save harmless Clackamas County and its elected officials, officers, employees and agents, against any claim for direct or indirect damages of every kind and description that shall be suffered or claimed to be suffered in connection with or arising out of the performance of the Contract by the Contractor or its subcontractors, and shall promptly pay all persons supplying labor, materials or both to the Principal or its subcontractors for prosecution of the work provided in the Contract; and shall promptly pay all contributions due the State Industrial Accident Fund and the State Unemployment Compensation Fund from the Principal or its subcontractors in connection with the performance of the Contract; and shall pay over to the Oregon Department of Revenue all sums required to be deducted and retained from the wages of employees of the Principal and its subcontractors pursuant to ORS 316.167, and

shall permit no lien nor claim to be filed or prosecuted against Clackamas County on account of any labor or materials furnished; and shall do all things required of the Principal by the laws of this State, then this obligation shall be void; otherwise, it shall remain in full force and effect for so long as any term of the Contract remains in effect.

Nonpayment of the bond premium will not invalidate this bond nor shall Clackamas County be obligated for the payment of any premiums.

This bond is given and received under authority of Oregon Revised Statutes Chapter 279C and the Clackamas County Local Contractor Review Board Rules, the provisions of which hereby are incorporated into this bond and made a part hereof.

IN WITNESS WHEREOF, WE HAVE CAUSED THIS INSTRUMENT TO BE EXECUTED AND SEALED BY OUR DULY AUTHORIZED LEGAL REPRESENTATIVES:

Dated this _____ day of June, 2026.

PRINCIPAL: Eagle Elsner, Inc.

By: Richard Eagle, Pres
Signature

Attest: Mary D. Morrow
Official Capacity
Corporation Secretary

SURETY: Western Surety Company

[Add signatures for each if using multiple bonds]

BY ATTORNEY-IN-FACT:

[Power-of-Attorney must accompany each bond]

Gloria Bruning-

Gloria Bruning
Name
Signature

PO Box 2808

<u>Portland</u>	<u>OR</u>	<u>97208</u>
<u>City</u>	<u>State</u>	<u>Zip</u>
<u>503-224-2500</u>	<u>503-224-9830</u>	
<u>Phone</u>	<u>Fax</u>	



Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Philip O Forker, Vicki Mather, Gloria Bruning, Richard W Kowalski, Brent Olson, J Patrick Dooney, Joel Dietzman, Christopher A Reburn, Leticia Romano, Justin Cumnock, Andrew Choruby, Casey J Geske, Sterling Drew Roddan, Chloe Lyons, Jessi Wimer, Ashlee Pingree, Individually

of Lake Oswego, OR, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

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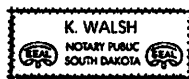
WESTERN SURETY COMPANY

Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

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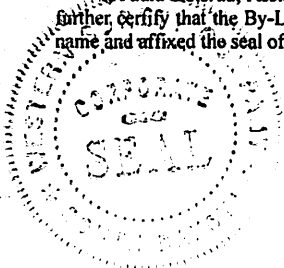
My commission expires
December 4, 2031



K. Walsh, Notary Public

CERTIFICATE

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WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

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Go to www.cnasurety.com > Owner / Obligor Services > Validate Bond Coverage, if you want to verify bond authenticity.

SECRET

CONFIDENTIAL - SECURITY INFORMATION

1. This document contains information which is classified "Secret" and is intended for the use of authorized personnel only. It is to be controlled and handled in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.

2. This document is the property of the United States Government and is loaned to you for your information and use only. It is not to be distributed outside your organization without the express written permission of the originating agency.

3. This document is to be stored in a secure location and is to be destroyed when it is no longer needed. It is to be destroyed in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.

4. This document is to be handled in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.

5. This document is to be stored in a secure location and is to be destroyed when it is no longer needed. It is to be destroyed in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.

6. This document is to be handled in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.

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CONFIDENTIAL - SECURITY INFORMATION

SECRET

SECRET

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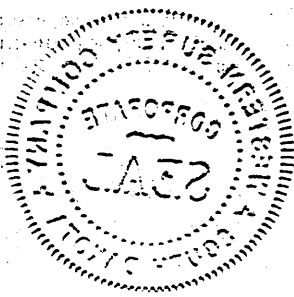
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21. This document is to be handled in accordance with the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Regulations.



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT
PROJECT INFORMATION, PLANS, SPECIFICATIONS AND DRAWINGS

PROJECT: #2026-29 Beavercreek Woods Paving Project

Project Background:

The Beavercreek Woods Paving Project is an asphalt paving contract. This contract will resurface 1.1 miles of road.

This contract will resurface four (4) rural local roads which include: South Dans Ave from Leland Rd to the cul-de-sac, South Dales Ave from Dans Ave to Leslie Ave, South Leslie Ave from Leland Rd to the cul-de-sac, and South Marilyns Ave from Dales Ave to the cul-de-sac.

This contract will include but not be limited to: placing approximately 4000 tons of asphalt; 21,000 square yards removal of surfacings; installing, maintaining, and removing temporary work zone traffic control measures; and performing additional incidental work as called for by the specifications and plans.

Engineers Estimate: \$770,600.00

Key Dates:

All Basic Bid Work may begin as soon as the Notice to Proceed ("NTP") is issued

Substantial Completion: September 3, 2026

Final Completion: December 31, 2026

Time is of the essence for this Project. Note the Liquidated Damages requirements as described in the project Specifications.

The Scope further includes the following Plans, Specifications and Drawings:

SPECIAL PROVISIONS FOR BEAVERCREEK WOODS PAVING PROJECT, CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT. (53 Pages)

CLACKAMAS COUNTY Beavercreek Woods Paving Project, Drawing Set, Sheets No G-01 to G-03, TC-01 to TC-03, C-01 to C-10, RD610, RD1010, TM530, TM800, TM820, TM821, TM822, TM840, TM841 (25 Pages)

SPECIAL PROVISIONS
FOR
BEAVERCREEK WOODS PAVING PROJECT

**CLACKAMAS COUNTY DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT**

CLACKAMAS COUNTY, OREGON



Asphalt Paving & Oiling, Earthwork, Pavement Markings,
and Temporary Traffic Control

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SPECIAL PROVISIONS

FOR

BEAVERCREEK WOODS PAVING PROJECT

CI-3-26502

CLACKAMAS COUNTY, OREGON

PROFESSIONAL OF RECORD CERTIFICATION(s):

Seal w/signature  REGISTERED PROFESSIONAL ENGINEER 80521 PE OREGON MAY 14, 2013 TYLER SHAWN NORD RENEWS: 12-31-2026	I certify the Special Provisions Sections listed below are applicable to the design for the subject project for traffic and roadway improvements. Modified Special Provisions were prepared by me or under my supervision. Section 00210, 00220, 00221, 00222, 00223, 00224, 00225, 00228, 00280, 00290, 00305, 00310, 00330, 00331, 00340, 00350, 00440, 00490, 00610, 00641, 00730, 00744, 00748, 00749, 00850, 00867, 02630
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SPECIAL PROVISIONS

WORK TO BE DONE

BEAVERCREEK WOODS PAVING PROJECT CLACKAMAS COUNTY, OR

The Beaver Creek Woods Paving Project is an asphalt paving contract. This contract will resurface 1.1 miles of road.

This contract will resurface four (4) urban local roads which include: S Dans Ave between S Leland Rd and S Dans Ct, S Dales Ave between S Dans Ave and S Leslie Ave, S Marilys Ave between S Dales Ave and the dead end, and S Leslie Ave between S Leland Rd and the dead end.

This contract will include, but not be limited to: placing approximately, 4,000 tons of asphalt; 21,000 square yards of surface removal; installing, maintaining, and removing temporary work zone traffic control measures; and performing incidental work as called for by the specifications and plans. The project estimate for this contract is \$770,000.

APPLICABLE SPECIFICATIONS

The Specification that is applicable to the Work on this Project is the 2024 edition of the "Oregon Standard Specifications for Construction" produced by the Oregon Department of Transportation and the Oregon Chapter of the APWA.

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.

CLASS OF PROJECT

This is a Clackamas County Project and it is not federally funded.

CLASS OF WORK

Asphalt Concrete Paving and Oiling (ACP)
Earthwork (EART)
Pavement Markings (PAVE)
Temporary Traffic Control (TTC)

Section 00110 – Organization, Conventions, Abbreviations and Definitions

Comply with Section 00110 of the Standard Specifications supplemented and/or modified as follows:

00110.05(d) References to Laws, Acts, Regulations, Rules, Ordinances, Statutes, Orders, and Permits

Add the following to the first bullet (Statutes and Rules):

- Clackamas County's Local Contract Review Board (LCRB) Rules are accessible online on the County's website <https://dochub.clackamas.us/documents/drupal/ef976bc9-14f4-495b-9bd8-c69ee7334685>
- EquipmentWatch
www.equipmentwatch.com
- 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

00110.10 Abbreviations

Add the following:

CCDA -	Clackamas County Development Agency
DTD -	Clackamas County Department of Transportation and Development
LCRB -	Local Contract Review Board
ODFW -	Oregon Department of Fish and Wildlife
UNS -	Utility Notification System
WES -	Water Environment Services of Clackamas County

00110.20 Definitions

Add or modify definitions as follows:

Agreement Form – The written agreement between the Owner and Contractor covering the work to be performed under the contract.

Amendment – A contract modification for Additional Work, Changed Work, Extra Work, Field Directives, or other changes. An Amendment changes the contract value, scope, and/or time. Amendments require formal approval by the Board of County Commissioners, pursuant to LCRB Rule Division C-049-160, prior to approval of such work.

Approved Equal - Materials or services proposed by the contractor and approved by the County as equal substitutes for those materials or services specified.

Award – Same as “Notice to Intent to Award”.

BCC – The Clackamas County Board of County Commissioners

Bid - A written offer by a bidder on forms furnished by the County to do work stated in the bid documents at the prices quoted. "Bid" is synonymous with "proposal" in these bid documents.

Bid Closing - The date and time for Bid Closing is the same as the date and time for Bid Opening.

Bid Documents- The following documents together comprise the Bid Documents:

- Invitation to Bid, Instructions to Bidders, Bid Form, Bid Proposal, Schedule of Prices, Bid
- Bond, Performance Bond
- Certificate of Insurance, Prevailing Wage Rates
- The "Oregon Standard Specifications for Construction" by ODOT and APWA, 2024 edition.
- Plans and drawings
- Other bid documents included or referenced in the bid documents
- Addenda, if any
- The Agreement Form and Special Provisions

Bonds - The bond or surety bond is a written document given by the surety and principal to the obligee to guarantee a specific obligation.

Change Order - A price agreement for Extra Work, Changed Work, field directives, or other changes. A Change Order does not change the contract value, scope, or time until it is incorporated into an Amendment. Change Orders will be agreed upon, in writing, by the County Project Manager and the Contractor's designated representative.

Contract - The written contract agreement, including amendments, signed by the Contractor and Clackamas County, which describes the work to be done, the contract amount, and defines the relationships and obligations of the Contractor and the County.

Contract Documents - The Invitation to Bid, the Instructions to Bidders, the accepted Bid Proposal and Schedule of Prices, the Subcontractor List, the Bid Bond, the Performance and Payment Bond, the Certificate of Insurance, the Prevailing Wage Rates, the Standard Specifications and Special Provisions, Amendments, the Plans and Drawings, the Agreement, as well as all documents incorporated by reference therein, and any and all addenda prepared by or at the direction of and adopted by the County and further identified by the signature of the parties and all modifications thereof incorporated in the documents before their execution.

County - The term "County" shall mean Clackamas County, including the Board of County Commissioners, employees and agents of the County authorized to administer the conditions of these contract documents.

Department – A subdivision of the Agency.

Engineer - The County's Project Manager either acting directly or through an authorized representative(s). When referring to approval of extra work or other Contract modifications, "Engineer" also refers to the County's legal authority according to the LCRB rules.

Invitation to Bid - The public announcement (Notice to Contractors) inviting bids for work to be performed or materials to be furnished.

Legal Holiday - As defined in ORS 279C.540.

Lump Sum - A method of payment providing for one all-inclusive cost for the work or for a particular portion of the work.

Notice of Intent to Award - A written notice from the County notifying bidders that the County intends to award to the responsible bidder submitting lowest responsive bid.

ODOT Procurement Office – Clackamas County Purchasing Department.

Owner – Synonymous with Agency.

Plan Holder's List – A list of contractor's names, contact names, phone and fax numbers that the County's Purchasing Department creates during bidding of the Project.

Project Manager – The Owner's representative who directly supervises the engineering and administration of the contract.

Shop Drawings – Synonymous with Working Drawings.

Solicitation Document – Synonymous with Bid Documents.

Standard Drawings – The Agency-prepared detailed drawings for Work or methods of construction that normally do not change from project to project. The Standard Drawings include the ODOT Standard Drawings.

Standard Specifications - "Oregon Standard Specifications for Construction", current edition, published by the Oregon Department of Transportation and as amended by **the Agency**.

State - Where the term "State" or "State of Oregon" or "ODOT" appears in the contract documents it shall mean "Clackamas County", "State of Oregon", or "ODOT" as applicable because of context.

Work Day - Any and every calendar day from January 1 to December 31 of every year, excluding Saturdays, Sundays and Legal Holidays.

END OF SECTION

Section 00120 – Bidding Requirements and Procedures

Comply with Section 00120 of the Standard Specifications supplemented and/or modified as follows:

00120.00 Prequalification of Bidders - Delete and replace with the following:

See Instructions to Bidders. To gain Prequalification of Bidders through ODOT:

- If delivered by electronic mail, the application shall be sent to:

ODOTProcurementOfficeConstruction@odot.oregon.gov
- If delivered by mail or parcel delivery service, the application shall be sent to:

Oregon Department of Transportation
Procurement Construction Contracts, MS #33
355 Capitol Street NE
Salem, OR 97301

00120.01 General Bidding Requirements – Delete and replace with the following:

See Instructions to Bidders.

00120.05 Request for Plans, Special Provisions, and Bid Booklets: – Delete and replace with the following:

See Notice of Public Improvement Contract and Instructions to Bidders.

Copies of the 2024 Oregon Standard Specifications for Construction and Supplements might be found on the Oregon Department of Transportation website 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, are included in these Special Provisions.

00120.17 Use of Agency-Owned Land for Staging or Storage Areas – Comply with Section 00120.17 of the Standard Specifications.

00120.25 Subsurface Investigations - Replace the first two sentences of the first paragraph with the following:

The Agency or its consultant has conducted subsurface or geologic investigations of the Project Site, and the results of these investigations are included in the Bid Documents and available at the Engineer's office.

00120.30 Changes to Plans, Specifications, or Quantities before Opening of Bids - Delete and replace with the following:

See Instructions to Bidders.

00120.40 Preparation of Bids – Delete and replace this section with the following:

See Instructions to Bidders.

00120.45 Submittal of Bids - Delete and replace with:

See Instructions to Bidders.

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

00120.60 Revision or Withdrawal of Bids - Delete and replace with the following:

See Instructions to Bidders.

00120.70 Rejection of Nonresponsive Bids – Delete and replace with the following:

See Instructions to Bidders.

00120.95 Opportunity for Cooperative Arrangement – Delete this section.

END OF SECTION

Section 00130 – Award and Execution of Contract

Comply with Section 00130 of the Standard Specifications supplemented and/or modified as follows:

00130.00 Consideration of Bids - Delete third paragraph.

00130.10 Award of Contract - Delete and replace with the following:

See Instructions to Bidders.

00130.15 Right to Protest Award – Delete and replace with the following:

See Instructions to Bidders.

00130.30 Contract Booklet – Add the following:

Other documents are part of the contract documents by reference. These include, but are not limited to:

- The "Oregon Standard Specifications for Construction", 2024 Edition, as published by the Oregon Department of Transportation (ODOT).
- "Oregon Standard Drawings" latest edition, as published by ODOT.
- Clackamas County Service District No. 1 "Surface Water Standard Specifications", latest edition.

00130.40 Contract Submittals - Delete and replace with the following:

See Instructions to Bidders.

00130.70 Release of Bid Guaranties – Delete and replace with the following:

See Instructions to Bidders.

END OF SECTION

Section 00140 – Scope of Work

Comply with Section 00140 of the Standard Specifications supplemented and/or modified as follows:

00140.30 Agency-Required Changes in the Work – Replace the last paragraph with the following:

Upon receipt of an Engineer's written order modifying the Work, the Contractor shall perform the Work as modified via Change Order, which may be subject to approval as an Amendment.

If an Amendment incorporating changes to the Work increases the Contract amount, the Contractor shall notify its Surety of the increase and shall provide the Agency with a copy of any resulting modification to bond documents. The Contractor's performance of Work pursuant to Amendments shall neither invalidate the Contract nor release the Surety. Payment for changes in the Work shall be made in accordance with 00195.20. Contract Time adjustments shall be made in accordance with 00180.80.

00140.31 "As-Built" Records - Add the following section:

Maintain a current and accurate record of the work completed during the course of this contract. This may be in the form of "as-built" drawings kept by accurately marking a designated set of the contract plans with the specified information as the Work proceeds. Accurate, complete and current "as-built" drawings are a specified requirement for full partial payment of the work completed. At project completion and as a condition of final payment, the Contractor shall deliver to the Project Manager a complete and legible set of "as-built" drawings.

The "as-built" drawings must show the information listed below. Where the term "locate" or "location" is used, it shall mean record of position with respect to both the construction vertical datum and either construction horizontal datum or a nearby permanent improvement.

- 1) Record location of underground services and utilities as installed.
- 2) Record location of existing underground utilities and services that are to remain and that are encountered during the course of the work.
- 3) Record changes in dimension, location, grade or detail to that shown on the plans.
- 4) Record changes made by change order.
- 5) Record details not in the original plans.
- 6) Provide fully completed shop drawings reflecting all revisions.

END OF SECTION

Section 00150 – Control of Work

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

00150.00 Authority of the Engineer – Delete and replace the first sentence with the following:

Except as indicated elsewhere in the Contract (e.g. Amendment approval by the BCC), the Engineer has full authority over the Work and its suspension.

00150.05 Cooperative Arrangements – Delete this section.

00150.10 Coordination of Contract Documents

(a) Order of Precedence – Delete this section and replace with the following:

The Engineer will resolve any discrepancies between these documents in the following order of precedence:

- Approved Amendments;
- Approved Change Orders
- Bid Schedule with Schedule of Prices;
- Permits from governmental agencies
- Special Provisions;
- Agency-prepared drawings specifically applicable to the Project and bearing the Project title;
- Reviewed and accepted, stamped Working Drawings;
- Agreement Form;
- Standard Drawings;
- Approved Unstamped Working Drawings;
- Standard Specifications;
- All other Contract Documents not listed above.

Notes on a drawing shall take precedence over drawing details.

Dimensions shown on the drawings, or that can be computed, shall take precedence over scaled dimensions.

00150.15(a) General – Delete this subsection.

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

The Engineer will:

- Provide copies of plans and specifications.
- Perform measurements and calculations for pay quantities.
- Perform final "as constructed" measurements.

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

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

- The Contractor shall be responsible to furnish all field controls for setting principal lines, grades, and measurements as needed to construct the Work as indicated in the Contract Documents.
- Perform earthwork slope staking including intersections and matchlines and set stakes defining limits for clearing which approximate right-of-way and easements.
- Inform the Engineer of any property corners monuments and/or survey markers that are not shown on the plans and are found during construction activities prior to disturbing the monuments. Allow the Agency 2 Work days for referencing all found markers before they are removed. Monuments that are noted on the plans to be protected and are disturbed by the Contractor's activities shall be replaced by the Contractor's surveyor at the Contractor's expense.

00150.50 Cooperation with Utilities: Add the following to the end of Paragraph (a):

There may be other utility servers who are not specifically listed in these Special Provisions or on the Plans that may be adjusting or inspecting their facilities within the project limits.

The locations, depth and description of existing utilities shown were compiled from available GIS mapping, records and/or field observations. The Engineer or Utility Companies do not guarantee the accuracy or the completeness of such locations. Additional utilities may exist in the project area.

00150.50(c) Contractor Responsibilities – Add the following to the bulleted list:

- Hold a utility scheduling meeting and monthly utility coordination meetings (see also 00180.42);
- Maintain and re-establish utility location marks according to OAR 952-001-0090(3)(a). Coordinate re-establishment of the location marks with the associated Utility;
- Determine the exact location before excavating within the tolerance zone according to OAR 952-001-0090(3)(c);
- Backfill any exposed utilities as recommended and approved by the Utility representative. Obtain utility locate warning tape from the Utility and replace damaged or removed warning tape. Utility locate warning tape may not be present at all existing utilities;
- Stake, place warning tape, and maintain no work limits around critical Utility facilities as shown or directed by the Engineer and the Utility; and
- In addition to the notification required in OAR 952-001-0090(6), notify the Engineer and the Utility as soon as the Contractor discovers any previously unknown Utility conflicts or issues. Contrary to the OAR, stop excavating until directed by the Engineer and allow the Utility a minimum of two weeks to relocate or resolve the previously unknown utility issues.

The existing underground utilities shown on the Plans have been determined by as-built records and field surveys, but are not guaranteed to be complete or accurate. The Contractor shall be

responsible for contacting the individual utility companies to mark locations, and arranging with them for any relocation work that should be required.

The Contractor shall make excavations and borings ahead of the work where necessary to determine the exact location of underground pipes or other features, which might interfere with construction. The Contractor shall support and protect pipes or other services where they cross the trench and shall be responsible for all damages incidental in interruptions of service that may be caused by Contractor operations. Where a new utility line crosses an existing pipeline or other conduit, the trench backfill shall be well compacted in a manner that provides for the required backfill and compaction standards while protecting the utility in question.

Add the following subsection:

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

Utility	Contact Person's Name, Address, Email, and Phone Number
Portland General Electric	Michael Holt Michael.Holt@pgn.com 541-965-1887
Beaver Creek Telephone	Rob Bray Rob.Bray@bctelco.com 503-623-3113
Clackamas Broadband Exchange	Duke Dexter DDexter@clackamas.us 503-722-6663

The Contractor shall notify, in writing, the Utilities listed above, with a copy to the Engineer, at least 14 Calendar Days before beginning Work on the Project.

Add the following subsection:

00150.50(g) Utility Information (Anticipated Relocations/Adjustments):

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:

Subsection	Utility	Contact Person's Name, Address, Email, and Phone Number	Estimated Completion Date
00150.50(g)(1)	NW Natural Gas	Brock Inman Brock.Inman@nwnatural.com 971-378-2448	During Construction

00150.50(g)(2)	Clackamas River Water	Joe Eskew JEskew@crwater.com 503-723-2565 or Jon Sleight jsleight@crwater.com 503-793-2494	During Construction
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The Contractor shall contact the Engineer to view the approved Utility Relocation Plans.

The Contractor shall notify, in writing, the Utilities listed above, with a copy to the Engineer, at least 14 Calendar Days before beginning Work on the Project.

(1) Northwest Natural Gas - "Gas Utility":

The Contractor shall notify the Gas Utility in writing, with a copy to the Engineer, at least 14 Calendar Days before beginning Work within 10 feet of the gas pipeline.

The Contractor shall notify the Gas Utility in writing, with a copy to the Engineer, 14 Calendar Days before the Contractor is scheduled to begin performing paving operations. After the Gas Utility receives the notification, the Contractor shall then allow the Gas Utility 7 Calendar Days to schedule and complete the relocation and adjustment work before the Contractor begins performing paving operations.

In the event of an emergency, and in addition to the calls required by the Utilities notification system, the Contractor shall call:

- ◆ Northwest Natural Gas 1-800-882-3377

(2) Clackamas River Water - "Water Utility":

The Contractor shall notify the Water Utility in writing, with a copy to the Engineer, at least 14 Calendar Days before beginning Work within 10 feet of the Water Utility facilities.

The Contractor shall notify the Water Utility in writing, with a copy to the Engineer, 14 Calendar Days before the Contractor is scheduled to begin performing paving operations. After the Water Utility receives the notification, the Contractor shall then allow the Water Utility 7 Calendar Days to schedule and complete the relocation and adjustment work before the Contractor begins performing paving operations.

00150.70 Detrimental Operations – Add the following:

Portions of this project might be constructed in close proximity to existing private improvements. All private improvements disturbed by the Contractor's operations shall be repaired or replaced to equal or better condition at the Contractor's expense. The Engineer may withhold from future payments to the Contractor, an amount equal to the costs reasonably estimated by the Engineer to repair or replace, as the case may be, those private improvements disturbed by the Contractor's

operations. Engineer shall release the retained amount once Engineer has determined that the Contractor has completed the repair consistent with the requirements of this provision. In addition, prior to construction, the Contractor shall provide to the Engineer videotape showing private property, if any, which may be disturbed during construction.

END OF SECTION

Section 00160 – Source of Materials

Comply with Section 00160 of the Standard Specifications supplemented and/or modified as follows:

00160.20(a) Buy America – Delete this section and replace with the following: Federal highway funds are NOT involved on this Project.

END OF SECTION

Section 00165 – Quality of Materials

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

00165.04 Costs of Testing – Replace this section with the following sentence: All testing required to be performed by the Contractor will be at the Contractor's expense.

00165.10(a) Field-Tested Materials – Add the following sentence: The County follows the MFTP on its projects:

00165.10(b) Nonfield-Tested Materials - Add the following sentence:

The County follows the NTMAG on its projects.

END OF SECTION

Section 00170 – Legal Relations and Responsibilities

Comply with Section 00170 of the Standard Specifications supplemented and/or modified as follows:

00170.02 Permits, Licenses, and Taxes – Add the following:

This project is to be constructed in Clackamas County road right of way and streets. There are no separate road opening permits required from Clackamas County to perform the work required under this contract.

The Contractor shall obtain and pay for a Clackamas County Road Closure Request for Temporary Road Closures when streets are intended to be closed as part of an approved temporary traffic control plan.

00170.61(a) Workers' Compensation - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall provide workers' compensation coverage for on-the-job injuries as required by 00170.70(e).

00170.65(b)(1) Minimum Wage Rates – Replace the paragraph that begins "The Bureau of Labor and Industries (BOLI) ..." with the following paragraph:

The Bureau of Labor and Industries (BOLI) determines and publishes the existing State prevailing wage rates in the publication *Prevailing Wage Rates for Public Works Contracts*. The Contractor shall pay workers not less than the specified minimum hourly wage rate according to ORS 279C.838 and ORS 279C.840, and shall include this requirement in all subcontracts.

Add the following subsection:

00170.67 Fees - The fee required by ORS 279C.825(1) will be paid by the Agency to the Commissioner of the Oregon Bureau of Labor and Industries under the administrative rules of the Commissioner.

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)

00170.70(d) Additional Insured - Replace the paragraph that begins "The liability insurance coverages of 00170.70(a)..." with the following paragraph:

The liability insurance coverages of 00170.70(a) shall include an Additional Insured Endorsement endorsing the "State of Oregon, the Oregon Transportation Commission and the Oregon Department of Transportation, and their respective officers, members, agents, and employees" 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.

- Clackamas County and its officers, agents, and employees
- Clackamas County Board of Commissioners

- Consor North America, Inc

00170.72 Indemnity/Hold Harmless – Delete and replace with the following:

Clackamas County Public Improvement Contract.

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

- Clackamas County and its officers, agents, and employees
- Clackamas County Board of Commissioners
- Consor North America, Inc

00170.85(b-1) Contractor Warranty for Specific Items – This subsection does not apply:

END OF SECTION

Section 00180 – Prosecution and Progress

Comply with Section 00180 of the Standard Specifications supplemented and/or modified as follows:

00180.06 Assignment of Funds Due Under the Contract - Delete first bulleted item.

00180.21 Subcontracting - Add the following to subsection (a):

All contracts with subcontractors or suppliers shall have provisions making the contract assignable to the County, at the option of the County, if the Contractor terminates, goes out of business, declares bankruptcy, or otherwise is unable to perform provided that the County gives the subcontractor notice of assignment within fourteen (14) days of learning of the inability of the Contractor to perform.

The Engineer may revoke consent to subcontract. If the Engineer revokes consent to subcontract, the subcontractor shall be immediately removed from the Project Site.

00180.40 Limitation of Operations - Add the following to subsection (a):

The Contractor must provide, at a minimum, a 48-hour notice to the Clackamas County Project Manager in order to perform any work on Saturdays.

00180.40(b) On-Site Work – Add the following bulleted items:

- Conduct a Traffic Control Meeting per Section 00221.08;
- An approved Subgrade Protection Plan per Section 00610.01;
- Conduct a Prepaving Conference per Section 00744.51;

Add the following paragraph to the end of the subsection:

The Contractor shall not begin On-Site Work before June 17, 2026, unless approved by the Engineer.

Add the following subsection:

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)
Closed Lanes	00220.40(e)(1)
Limited Duration Road Closure	00220.40(f)
Noise Control	00290.32
Maintenance Under Traffic	00310.46
Opening Sections to Traffic	00744.50

Be aware of and subject to schedule limitations in the Standard Specifications that are not listed in this Subsection.

00180.41 Project Work Schedules – Add the following:

A Type “B” schedule as detailed in the Standard Specifications is required on this Contract. In addition, a three-week look ahead schedule shall be prepared by the Contractor on a weekly basis and submitted to the Engineer. It shall include all construction activities planned for the following three-week period and the scheduled day for local garbage pick-up. The three-week look ahead schedule can be hand-written and shall be in a format agreed upon by the Contractor and the Engineer.

The Contractor shall notify the County 2 weeks before the first substantial work activity commences on the project site. Project Information Signs shall be in place 2 weeks before the first substantial work activity commences on the project site.

00180.42 Preconstruction Conference - Add the following:

The Contractor shall conduct a group Utilities scheduling meeting with representatives from the Utility companies involved with this Project and the Engineer before the preconstruction conference. The Contractor shall incorporate the Utilities time needs into the Contractor's schedule submitted at the preconstruction conference.

00180.43 Commencement and Performance of Work - Add the following bullet items:

- Conduct the work at all times in a manner and sequence that will insure minimal interference with traffic. The Contractor shall not begin work that will interfere with work already started. If it is in the County's best interest to do so, the County may require the Contractor to finish a portion or unit of the project on which work is in progress or to finish

a construction operation before work is started on an additional portion or unit of the project.

- **The Contractor shall notify the County 2 weeks before the first substantial work activity commences on the project site.**
- **Project Information Signs shall be in place 2 weeks before the first substantial work activity commences on the project site.**

Add the following subsection:

00180.50(h) Contract Time - There is one Contract Time on this Project as follows:

- (1) The Contractor shall complete all Work to be done under the Contract not later than August 28, 2026.

00180.70 Suspension of Work - Add the following to the first bullet item:

If the Inspector has reason to believe that any safety provisions are not being adhered to, the Inspector will immediately notify the Contractor's site foreman and/or the appropriate person and the County Project Manager. The purpose of this discussion is to determine the validity of the alleged violation. This will also allow the Contractor a reasonable amount of time to correct or improve any of the provisions for the safety on this project. If the County Project Manager finds the problem still unresolved or uncorrected, they will notify the Contractor's Project Manager and the County's Risk Management Safety Analyst. If the County's Risk Management Safety Analyst finds that the job site contains any unresolved safety issues they will take appropriate action up to and including suspension of the Contractor's operations on all or part of the Work.

00180.85(b)(1) Single Contract Time - Replace this subsection, except for the subsection number and title, with the following:

The Liquidated Damages per Calendar Day* are 15.0 percent of C divided by T as defined in this Section.

C = The Contractor's Bid amount for the Contract.

T = The total Calendar Days between the latest completion date or time listed under 00180.50(h) in the Solicitation Documents and the Bid Opening that will result in the greatest value for T.

* Calendar Day amounts are applicable when the Contract time is expressed on the Calendar Day or fixed date basis.

Add the following subsection:

00180.85(c) Lane Closures - Lane closures beyond the limits specified will inconvenience the traveling public and will be a cost to the Agency.

It is impractical to determine the actual damages the Agency will sustain in the event Traffic Lanes are closed beyond the limits listed in 00220.40(e) or 00220.40(f). Therefore, the Contractor shall pay to the Agency, not as a penalty, but as liquidated damages, \$500 per 15 minutes, or for a portion of 15 minutes, per lane, for any lane closure beyond the limits listed in 00220.40(e) or 00220.40(f).

The Engineer will determine when it is safe to reopen lanes to traffic. Assessment of liquidated damages will stop when all lanes have been safely reopened. Any liquidated damages assessed under these provisions will be in addition to those listed in 00180.85(b).

Add the following subsection:

00180.85(e) Traffic Delays Beyond 20 Minutes - Stopping or holding vehicles beyond the limits specified will inconvenience the traveling public and will be a cost to the Agency.

It is impractical to determine the actual damages the Agency will sustain in the event traffic is stopped or held longer than the 20-minute limit listed in 00220.02. Therefore, the Contractor shall pay to the Agency, not as a penalty, but as liquidated damages, \$500 per 20 minutes, or for a portion of 20 minutes, for stopping or holding traffic longer than 20 minutes.

Assessment of liquidated damages will stop when the Engineer determines that traffic is no longer stopped or held beyond the 20-minute limit. Any liquidated damages assessed under these provisions will be in addition to those listed in 00180.85(b).

END OF SECTION

Section 00190 – Measurement of Pay Quantities

Comply with Section 00190 of the Standard Specifications supplemented and/or modified as follows:

00190.20(f)(2) Scale Without Automatic Printer - Replace the paragraph that begins "The Contractor shall inform..." with the following paragraph:

If the scales require manual entry of gross weight information, the Agency may periodically have a representative weigh witness at the scales to observe the weighing procedures. The Contractor shall inform the Engineer of their intent to use a scale without an automatic printer at least 3 working days before weighing begins or before the Contractor changes to a scale that does not have an automatic printer. The Contractor shall pay costs for the weigh witness. The hourly cost of the weigh witness will be as stated in the Special Provisions. In addition, the Engineer may periodically check the weight for a load of Materials by directing the haul vehicle to reweigh on a different scale that has been inspected and certified according to 00190.20(b) and 00190.20(d).

Add the following paragraph after the paragraph that begins " If the scales require manual entry...":

Pay costs for the weigh witness at \$35.00 per hour.

00190.20(g) Agency-Provided Weigh Technician: Delete and replace subsection (g) with the following:

The Contractor must provide a weigh technician. The Agency will not provide one for the Contractor.

END OF SECTION

Section 00195 – Payment

Comply with Section 00195 of the Standard Specifications supplemented and/or modified as follows:

00195.10 Payment for Changes in Material Costs - Delete and replace with the following:

No asphalt cement cost adjustment shall be used on this project.

00195.12 Steel Material Price Escalation/De-Escalation Clause – Add the following sentence:

No steel material price escalation/de-escalations shall be used on this project. There is no option for Contractor participation.

00195.20(b) Significant Changed Work – Add the following:

Significant is defined as:

- a) An increase or decrease of more than 25 percent of the total cost of the Work calculated from the original proposal quantities and the unit contract prices; or,
- b) An increase or decrease of more than 25 percent in the quantity of any one major contract item.

For condition b) above, a major item is defined as any item that amounts to 10 percent or more of the original total contract price.

00195.50(a)(1) Progress Estimates - Delete the first sentence and replace with the following:

At a regular period each month to be determined at the Preconstruction Conference, the Contractor will make an estimate of the amount and value of pay item work completed and in place. This estimate will be submitted to the Project Manager for review and approval.

(2) Value of Material on Hand - Delete the section and replace with the following:

(2) Value of Material on Hand - The Contractor will make an estimate of the amount and value of acceptable material to be incorporated in the completed work which has been delivered and stored as given in 00195.60(a) for review and approval.

(4) Limitations on Value of Work Accomplished - In the first sentence, change "Engineer's estimate" to "Contractor's reviewed estimate".

00195.50 (b) Retainage - Delete the first paragraph and replace with:

The amount to be retained from progress payments will be 5.0% of the value of payments made, and will be retained in one of the forms specified in Subsection (c) below. The Agency will withhold Retainage from all force account and change order work.

00195.50(c) Forms of Retainage – Delete first paragraph and replace with:

Forms of acceptable retainage are set forth below in Subsections (1) through (4). "Cash, Alternate B (Retainage Surety Bond)" or "Cash, Alternate C (No Interest Earned)" are the Agency-preferred forms of retainage. Unless the Contractor notifies the Agency otherwise in writing, the Agency will automatically hold retainage per Subsection (4) "Cash, Alternate C (No Interest Earned)." If the Agency incurs additional costs as a result of the Contractor's election for the Agency to hold retainage per Subsections (1), (2), or (3), the Agency may recover such costs from the Contractor by a reduction of the final payment.

00195.50(c)(1) Cash, Alternate A – Replace this subsection, except for the subsection number and title, with the following:

Retainage will be deducted from progress payments and held by the Agency until final payment is made according to 00195.90, unless otherwise specified in the Contract.

The Agency will deposit the cash retainage withheld in an interest bearing account as required by ORS 279C.560(5). Interest earned on the account shall accrue to the Contractor. Amounts retained and interest earned will be included in the final payment made according to 00195.90, unless otherwise specified in the Contract.

Any retainage withheld on Work performed by a Subcontractor will be released to the Contractor according to 00195.50(d).

00195.50(c)(2) Cash, Alternate B (Retainage Surety Bond) - Replace this subsection, except for the subsection number and title, with the following:

The Contractor may submit a Surety bond in lieu of all or a portion of the retainage required under the Contract. The Agency will accept this Surety bond unless the Agency first finds in writing good cause for rejection based on unique project circumstances in accordance with ORS 279C.560(1)(c).

The Surety bond must be in substantially the form specified in ORS 701.435 (4) (Oregon House Bill 4006, 2024), and executed by a Surety bonding company that is authorized to transact Surety business in the State of Oregon and may not be a Surety obligation of an individual. The Surety bond and any proceeds of the Surety bond must be made subject to all claims and liens and in the same manner and priority specified for retainage under ORS 279C.550 to 279C.570 and ORS 279C.600 to 279C.625. Agency will reduce the cash retainage held by an amount equal to the value of the Surety bond and pay the amount of the reduction to Contractor according to ORS

279C.570. Any retainage withheld on Work performed by a Subcontractor will be released to the Contractor according to 00195.50(d).

When the Agency accepts a Surety bond in lieu of retainage from the Contractor, the Contractor shall accept Surety bonds from Subcontractors or Suppliers from which the Contractor has withheld retainage. At any time before final payment a Subcontractor may submit a Surety bond to the Contractor and request that the Contractor submit a Surety bond as described above for the portion of the Contractor's retainage that pertains to the Subcontractor. The Surety bond the Subcontractor provides to the Contractor must meet the Agency requirements specified in the paragraph above. When a Contractor at a Subcontractor's request obtains and submits a Surety bond under this subsection, the Contractor may withhold from payments to the Subcontractor an amount equivalent to the portion of the Contractor's Surety bond premium for which the Subcontractor is responsible in accordance with ORS 279C.560 (Oregon House Bill 4006, 2024).

Within 30 Days after a Subcontractor's request the Contractor shall provide a Surety bond as described above, and the Agency will accept the Surety bond unless:

- the Agency finds in writing good cause for rejection based on unique project circumstances in accordance with ORS 279C.560;
- a Surety bond is not commercially available;
- the Subcontractor refuses to pay to the Contractor the Subcontractor's portion of the Surety bond premium; or
- the Subcontractor refuses to provide the Contractor with a Surety bond that meets the requirements of ORS 279C.560(1)(b).

Notwithstanding 00195.50(d), within 30 Days of receiving a Surety bond from Contractor at a Subcontractor's or Supplier's request, Agency will release to the Contractor the amount held as retainage that is equivalent to the amount the Contractor submitted as a Surety bond. Contractor shall, within 30 Days after receiving a Surety bond from a Subcontractor or Supplier, release to the Subcontractor or Supplier the amount the Contractor holds as retainage that is equivalent to the amount of the Surety bond submitted, in accordance with ORS 279C.560(8).

00195.50(c)(3) Bonds, Securities, and Other Instruments - Replace this subsection, except for the subsection number and title, with the following:

Contractor may deposit bonds, securities or other instruments with the Agency or in a bank or other financial institution, to be held by Agency instead of cash retainage for the benefit of the Agency, which the Agency will accept unless the Agency first finds in writing good cause for rejection based on unique project circumstances, in accordance with ORS 279C.560(1)(c).

If the Contractor deposits bonds, securities or other instruments, and Agency does not reject the bonds, securities or other instruments as permitted by ORS 279C.560(1)(c), the Agency will reduce the cash retainage by an amount equal to the value of the bonds, securities and other instruments. Interest or earnings on the bonds, securities and other instruments accrue to the Contractor.

Bonds, securities and other instruments deposited instead of cash retainage shall be of a character approved by the Director of the Oregon Department of Administrative Services, including, but not limited to:

- Bills, certificates, notes or bonds of the United States;
- Other obligations of the United States or agencies of the United States;
- Obligations of a corporation wholly owned by the federal government;
- Indebtedness of the Federal National Mortgage Association;
- General obligation bonds of the State of Oregon or a political subdivision of the State of Oregon;
- Irrevocable letters of credit issued by an insured institution, as defined in ORS 706.008.

Add the following Subsection:

(4) Cash, Alternate C (No Interest Earned) – Retainage will be deducted from progress payments and held by the Agency until final payment is made in accordance with 00195.90, unless otherwise specified in the Contract.

00195.50(d) Release of Retainage – Delete this section and replace with the following:

(d) Release of Retainage - As the Work progresses, release of the amounts to be retained under (b) of this Subsection 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.

When the Work is 50% completed and upon written application of the Contractor and written approval of the Surety, the Agency may reduce or eliminate retainage on remaining progress payments if, in the Engineer or Project Manager's opinion, the Work is progressing satisfactorily.

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.

00195.50(f) Prompt Payment Policy - Replace this subsection, except for the subsection number and title, with the following:

Payments shall be made promptly according to ORS 279C.560, ORS 279C.570, ORS 279C.580 and other applicable legal requirements.

END OF SECTION

Section 00196 – Payment for Extra Work

Comply with Section 00196 of the Standard Specifications supplemented and/or modified as follows:

00196.91 Extra Work Allowance – Add the following new section:

The Bid schedule of prices contains a bid item for a pre-determined amount of Engineer ordered extra work. All Bidders shall reflect this same amount in their total Bid. No Bidder shall presume in the preparation of the bid or in the course of contract work that there will be a certain payment under that item or a certain order for extra work.

END OF SECTION

Section 00197 – Payment for Force Account Work

Comply with Section 00197 of the Standard Specifications.

END OF SECTION

Section 00199 – Disagreements, Protests and Claims

Comply with Section 00199 of the Standard Specifications supplemented and/or modified as follows:

00199.40 Claim Decision; Review; Exhaustion of Administrative Remedies - Delete the entire section and replace with the following:

The Contractor must properly submit a claim as detailed in 00199.30.

(a) Engineer Claim Review - The Engineer or Project Manager will, as soon as practicable, consider and investigate a Contractor's properly submitted claim for additional compensation, Contract Time, or for a combination of additional compensation and Contract Time. Once the Engineer or Project Manager determines the Agency is in receipt of a properly submitted claim, the Engineer or Project Manager will arrange a meeting, within 28 Calendar Days, or as otherwise agreed by the parties, with the Contractor in order to present the claim for formal review and discussion. A person authorized by the Contractor to execute Change Orders on behalf of the Contractor must be present and attend all claim meetings.

If the Engineer or Project Manager determines that the Contractor must furnish additional information, records, or documentation to allow proper evaluation of the claim, the Engineer will schedule a second meeting, to be held within 14 calendar days, or as otherwise agreed by the parties, at which the Contractor shall present the requested information, records and documentation.

The Engineer or Project Manager will advise the Contractor of the decision to accept or reject the claim. If the Engineer or Project Manager finds the claim has merit, an equitable adjustment will be offered. If the Engineer or Project Manager finds the claim has no merit, no offer of adjustment will be made and the claim will be denied. The County intends to resolve claims at the lowest possible level.

If, at any step in the claim decision or review process, the Contractor fails to promptly submit requested information or documentation that the Agency deems necessary to analyze the claim, the Contractor is deemed to have waived its right to further review, and the claim will not be considered properly filed and preserved.

If the Engineer or Project Manager 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 either of the two progressive steps of claim review procedure as specified in this Subsection. For all claims, all of the actions and review under each step of the review process shall occur before the review can be advanced to the next higher step.

(b) Director Claim Review - Upon request by the Contractor, the Department Director will review the Engineer or Project Manager's decision on the claim and advise the Contractor of the decision in writing. If the Director finds the claim has merit, and equitable adjustment will be offered. If the Director finds the claim has no merit, no offer of adjustment will be made and the claim will be denied.

Once the Engineer determines the Agency is in receipt of a properly submitted claim, the Engineer will arrange a meeting, within 21 Calendar Days or as otherwise agreed by the parties, with the Contractor in order to present the claim for formal review and discussion.

If the Engineer determines that the Contractor must furnish additional information, records or documentation to allow proper evaluation of the claim, the Engineer will schedule a second meeting, to be held within 14 Calendar Days or as otherwise agreed by the parties, at which the Contractor shall present the requested information, records and documentation.

The Director shall evaluate the claim based on the information provided by the Contractor to the Engineer or Project Manager. However, if the Department Director (or designee) determines that the Contractor must furnish additional information, records or documentation to allow proper evaluation of the claim, the Department Director (or designee) will schedule a meeting, to be held within 14 Calendar Days, or as otherwise agreed by the parties, at which the Contractor shall present the requested information, records and documentation.

The claim is subject to records review, if not all of the records requested by the Department Director (or designee) were furnished. If applicable, advancement of the claim is subject to the provisions regarding waiver and dismissal of the claim or portions of the claim.

The decision of the Department Director shall be the final decision of the Agency.

(c) Commencement of Litigation - If the Contractor does not accept the Director's decision, then the Contractor shall commence any suit or action to collect or enforce any claim filed in accordance with 00199.30 within a period of one (1) year following the mailing of the decision or within one (1) year following the date of "Second Notification", whichever is later. If said suit

or action is not commenced in said one (1) year period, the Contractor expressly waives any **and** all claims for additional compensation and any and all causes of suit or action for the enforcement thereof that he might have had.

The Contractor must follow each step in order, and exhaust all available administrative remedies before resorting to litigation. Litigation of a claim that cannot be resolved through the process described above shall be initiated by filing a complaint in the Clackamas County Circuit Court for the State of Oregon.

In any litigation, the entire text of any order or permit issued by the County or any other governmental or regulatory authority, as well as any documents referenced or incorporated therein by reference, shall be admissible for purposes of Contract interpretation.

The Contract shall not be construed against either party regardless of which party drafted it. Other than as modified by the Contract, the applicable rules of contract construction and evidence shall apply. This Contract shall be governed by and construed according to the laws of the State of Oregon without regard to principles of conflict of laws.

The Contractor shall comply with 00170.00.

00199.50 Mediation - Delete the entire section.

00199.60 Review of Determination Regarding Records - Delete the entire section.

END OF SECTION

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

END OF SECTION

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

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

00220.01(b) Abbreviations - Delete this subsection.

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

- Provide a licensed tow truck service for responding to stranded or disabled vehicles within the Project limits. Provide the tow truck service as directed by the Engineer.

- Maintain and coordinate access to all affected properties. Allow unrestricted vehicle and pedestrian access to all properties outside the allowable working hours. Maintain pedestrian access to all affected properties at all times.
- Open all lanes and adjacent asphalt surfaces on all streets outside of allowable working or lane restriction hours with temporary or permanent pavement surfacing.
- Provide and maintain access to garbage containers and garbage pick-up, mail and other regularly scheduled deliveries. Coordinate with school districts to minimize impacts and delays for any school and public bus routes.
- Notify all emergency services of all changes to the traffic control prior to completing the change. Notify the Police and Fire of all lane closures.
- Do not stop or hold pedestrians on the sidewalk or temporary pedestrian route for more than 5 minutes.

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

- Maintain access to bus stops and Pedestrian Accessible Routes.
- Where existing sidewalks are not present, provide a pedestrian accessible route on existing paved roadway surfaces through or around the work zone.

Add the following subsection:

00220.03(c) Work Zone Notifications - The County will provide a door-hanger electronic template for the Contractor to add schedule information for project local distribution. The Contractor shall provide and deliver door-hanger notifications to properties surrounding the streets to be paved. The County will provide a map showing the specific properties where door hangers are to be hung. Door-hangers shall be marked with the dates and times that the street and/or its traffic would be significantly affected. Door-hangers shall be delivered 72 hours before traffic would be significantly impacted on that street. In the event of a significant schedule change, door-hangers shall be redelivered with the revised work dates/times 24 hours before significant street impacts. Work may be suspended if timely notification has not been provided.

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

Traffic Lanes may be closed on S Dans Ave, S Dales Ave, S Marilyns Ave, and S Leslie Ave when allowed, shown, or directed during the following periods of time except as specified in 00220.40(e)(2):

Single Lane Closures - One Traffic Lane may be closed during the following times:

- Daily, Monday through Friday, between 7:00a.m. and 6:00p.m.

Add the following subsection:

00220.40(f) Limited Duration Road Closure - The Contractor will be permitted to close all Traffic Lanes for periods not to exceed 2 days in duration for each street during pavement rehabilitation Work, as long as a road closure plan and detour has been approved by the engineer and fully implemented. Maintain local access.

Succeeding roadway closures will not be allowed until traffic clears from a preceding closure.

00220.60(a)(1) Contractor Responsibility - Replace this subsection, except for the subsection number and title, with the following:

If this Work is not completed and in place, the Agency may do the Work according to 00220.60(d).

(a) Do the following at no additional cost to the Agency:

- Keep surfaces being used by Public Traffic and bicycles free of all dirt, mud, gravel, materials, and debris. Surfaces include bike paths, bike lanes, roadway shoulders, and the outside 4 feet of the roadway.
- Repair damage to surfaces caused by the Contractor's operations.
- Maintain all detour and stage construction Surfacing as specified or directed.

(b) Before periods of no active Work that last longer than seven consecutive Days, unless otherwise directed, do the following:

- Provide temporary pedestrian surfaces meeting the requirements of the MUTCD and Section 00228.
- Provide traversable bicycle and pedestrian routes with surfaces free of dirt, mud, gravel, and debris.

(c) Before periods of no active Work that is anticipated to last or lasts longer than 30 consecutive Days, unless otherwise directed, do the following:

- Provide paved Traffic Lanes at least 12 feet wide, with 2-foot wide paved Shoulders for each direction of traffic.
- Do not leave abrupt edges.
- Remove or cover temporary construction signs unless otherwise directed.
- Clean, install, and reinstall all necessary pedestrian, motor vehicle, and bicycle channelization and pavement markings, unless otherwise directed.

END OF SECTION

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

(a) Traffic Control Plan - The Contractor is required to submit a site-specific temporary traffic control plan and temporary pedestrian access route plan prepared by a TCP company, with additional detail meeting the project requirements for review 5 Calendar Days before the preconstruction conference.

(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.

Add the following subsection:

00221.08 Traffic Control Meeting - Five (5) days prior to the start of work, all personnel who will directly supervise the temporary traffic control must attend a traffic control meeting. Contractor to produce and distribute meeting minutes within seven (7) days following the meeting.

00221.60 Temporary Traffic Control Devices – Replace the paragraph that begins “TCD delivered to the Project Site found...” with the following paragraph:

Repair or replace TCD delivered to the Project Site found to be in “marginal” or “unacceptable” condition, at no additional cost to the Agency.

00221.90(b) Temporary Protection and Direction of Traffic – Replace the bullet that begins “Providing, Surfacing, maintain...” with the following bullet:

- Providing, surfacing, maintaining, removing, and restoring the TPAR.

00221.98 Method “B” – Lump Sum Basis – Replace this subsection except for the heading and title with the following:

Work zone traffic control will be paid for at the Contract lump sum amounts for the items "Temporary Work Zone Traffic Control, Complete: _____" where the name of the street(s) or location will be inserted in the blank.

When the schedule of items includes both "Temporary Work Zone Traffic Control, Complete: _____" and other unit based pay items described in Method "A", only the pay items included in the bid item schedule will be paid. All TCD and operations required to safely protect and direct traffic and pedestrians around and through the work zone(s) not listed in the bid item schedule shall be included in the lump sum price for "Temporary Work Zone Traffic Control, Complete: _____."

Payment includes all temporary traffic control and temporary pedestrian access route costs including flagging (to the extent deemed necessary by the Engineer) during the course of construction and as needed to complete punch list items. Payment also includes the removal of existing striping and legends shown to be replaced.

END OF SECTION

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

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

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

- Place a "PEDESTRIANS ON ROADWAY" (CW11-2) sign, when the TPAR is located on a Roadway or paved Shoulder, at the beginning of each end of the Work Area, facing incoming traffic as shown, or as directed.
- Install a "PAVING SIGN," a "COMMUNITY ROAD FUND SIGN," and a "PROJECT NOTIFICATION SIGN" on a single temporary sign support per ODOT standard drawing TM821 or TM822. Place these Project Signs according to sign spacing "A" from the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Supplemental Drawings, facing incoming traffic. See project plans for sign size and legend.

Project Signs shall be in place 2 weeks before the first substantial work activity commences on the project site.

- Install 18-inch by 24-inch "NO PARKING" (R8-3a) signs in every block at 150' spacing where on-street parking is prohibited, facing incoming traffic.
- When paving operations create an abrupt or sloped edge drop off greater than 1 inch, protect traffic by installing signing according to the "2 Lane, 2 Way Roadway Overlay Area Signing" detail shown on the Standard Drawings.

- In addition to the signs, public notification (e.g. flyers, door hangers) shall be used to inform the residents that may be affected by lane closure operations.

00222.90 Payment - Add the following paragraph after the paragraph that begins “No separate or additional payment...”:

No separate or additional payment will be made for furnishing, mounting, and maintaining “NO PARKING” signs. No parking signs are included in the temporary work zone traffic control bid item for each affected street.

Add the following Pay Item to the Pay Item list:

(e) Temporary Project Information Signs..... Square Feet

Add the following paragraph after the paragraph that begins “Item (d) includes”:

Item (e) includes installing and removing temporary project information signs shown in the plans.

END OF SECTION

SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

Comply with Section 00223 of the Standard Specifications.

END OF SECTION

SECTION 00224 - TEMPORARY TRAFFIC CHANNELIZING DEVICES

Comply with Section 00224 of the Standard Specifications.

END OF SECTION

SECTION 00225 - TEMPORARY PAVEMENT MARKINGS

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

00225.90 Payment –

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

Item (a) includes installation and removal of temporary pavement markers having either one or two reflective faces.

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

Item (b) includes installation of flexible temporary pavement markers and removal of flexible temporary pavement markers and temporary flexible pavement marker covers.

Add the following paragraph after the paragraph that begins "Item (b)...":

Items (c) and (e) include removal of the temporary tape.

END OF SECTION

SECTION 00228 - TEMPORARY PEDESTRIAN AND BICYCLIST ROUTING

Comply with Section 00228 of the Standard Specifications modified as follows:

00228.13 Temporary Curb Ramps – Replace this subsection, except for the subsection number and title, with the following:

Furnish temporary curb ramps from the QPL or the Conditional Use List; or construct temporary curb ramps on site according to the Standard Drawings where indicated on a TPAR plan if needed. Use ACP, PCC, or other approved Materials for on-site constructed temporary curb ramps. Furnish truncated dome detectable warning surface for temporary curb ramps from the QPL according to Section 00765.

END OF 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 paragraphs and bullets:

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 County's 1200-CA permit if applicable.

Conditions requiring NPDES 1200 permits are as follows:

- Projects with one acre of ground disturbance or more on Agency owned land are regulated under the Agency's 1200-CA permit.
- When Project Work on Agency owned land disturbs less than one acre, but ground disturbances on non-Agency owned lands combined with Project ground disturbances on Agency owned land total one acre or more the Agency Project Work will be regulated by the Agency's 1200-CA permit. The Contractor is responsible for acquiring the 1200-C permit for all areas of disturbance on non-Agency owned land.

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

Add the following paragraph to the end of this subsection:

The County's NPDES 1200-CA permit is applicable to the Project.

Add the following subsection:

00280.01 Submittals – Submit documentation that the compost material meets the requirements of Section 03020 for its intended use and is available for use according to the Project schedule in 00180.41 according to 00150.37, within 30 Calendar Days of Award of the Contract,.

00280.02 Definitions - Delete the definition **Wet Season Work**

00280.03 Standards - Replace this subsection, except for the subsection number and title, with the following:

When designing, applying, installing, maintaining, inspecting, and removing erosion and sediment control devices, use the version in effect on the date the Project is advertised, of the Clackamas Water Environment Services *Erosion Prevention and Sediment Control Planning and Design Manual*.

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.

Add the following paragraphs to the end of this subsection:

Monitor weather, stormwater runoff, and receiving waters, and document monitoring observations. Immediately upon discovery, notify Engineer if a 1200-CA permit non-compliance occurs. Provide 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.

When contaminants, pollutants or hazardous materials are discovered in the Project location in soils or groundwater comply with 00290.20(f) and, provide an environmental management plan (EMP) as required by the 1200-CA permit if applicable.

00280.14(a) Plastic Sheeting - Replace the bullet that begins “**Plastic Sheeting** - Minimum 6-mil thick...” with the following bullet:

- **Plastic Sheeting** - Minimum 6-mil thick polyethylene plastic sheeting or plastic sheeting that meets or exceeds the performance properties outlined in ASTM D4397.

00280.16(d) Inlet Protection - Replace the bullet that begins “**Geotextile**...” with the following bullet:

- **Geotextile** - Type 1 geotextile meeting the requirements of 02320.20 Table 02320-1 Provide documentation according to 02320.10(c).

00280.16(k) Active Treatment System – Add the following sentence to the end of this subsection:

Obtain approval of the active treatment system from DEQ prior to use.

00280.30 Erosion and Sediment Control Manager –

Add the following bullet to the beginning of the bullet list under “The ESCM duties include:”

- Be present at the Project Site during all ground disturbing activities.

Replace the bullet that begins “Monitor rainfall, snow melt and runoff ...” with the following bullet:

- Visually monitor rainfall, snow melt and runoff at the Project Site.

Replace the bullet that begins “Monitor water quality in receiving streams in ...” with the following bullet:

- Visually monitor water quality in receiving streams in the vicinity of the Project Site.

Replace the bullet that begins “Monitor water in sediment traps receiving ...” with the following bullet:

- Monitor the pH of the water in sediment traps receiving runoff from soils amended with cementitious material for acidity or alkalinity.

00280.41(c) Wet Season Work and Temporary Work Suspension - Replace this subsection with the following subsection:

00280.41(c) Temporary Work Interruption - Update the ESCP and schedule for Work proposed between October 1 and May 31 to ensure that all appropriate controls, including ESC during Work interruption, are implemented and maintained. Submit the updated ESCP and schedule to the Agency and receive approval before beginning any Work between October 1 and May 31.

Between October 1 and May 31, limit excavation and bare ground activities to only those required for immediate operations. Stabilize stockpiles at the end of each workday by diverting flows, placing covers, or installing Sediment barriers.

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.

00280.41(g) Underground Injection Controls (UIC) – Replace this subsection, except for the subsection number and title, with the following:

Do not allow storm water from work area to enter Underground Injection Control (UIC) inlets, UIC catch basins or UIC wells.

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...”

00280.64(b) Corrective Action Documentation – Add the following bullets to the beginning of the bullet list:

- If completion of corrective action is not feasible within 24 hours, document the reasons why the time line cannot be met.
- Provide a schedule for clean-up and corrective actions that restores Effective Functioning as soon as feasible. If schedule cannot be met document the reasons for the delay.
- Provide all corrective action documentation and photographs to Agency within 24 hours of completion of corrective actions.

00280.80 Measurement - Add the following paragraph to the end of this subsection:

(f) Incidental – No measurement will be made and all Work shall be considered incidental to the Work. When unit based bid items are included in the bid item schedule, only those items listed will be measured and all other Work required to comply with this section and applicable permits shall be considered incidental.

00280.90 Payment - Replace this section with the following:

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

Pay Item	Measurement
(a) Erosion Control Plan.....	Lump Sum

Item (a) includes:

- furnishing, installing, maintaining and removing all erosion and sediment control measures, materials, devices, stabilization and all equipment, labor, materials and incidentals necessary to complete the Work
- developing, revising, and documenting the ESCP
- mobilization
- monitoring activities to maintain effective functioning
- furnishing, stockpiling, protecting, restocking, and removing emergency Materials
- preparing Project for a period of extended non-activity
- inspecting, maintaining, and removing erosion control devices
- restoring, mulching, tacking, and seeding all disturbed ground, Work, and storage areas not otherwise covered

00280.91 Payment – Replace the paragraph that begins “Emergency Materials that are incorporated...” with the following paragraph:

Materials listed in 00280.48 that are incorporated into the Project will be paid for under the appropriate items listed in the Contract Schedule of Items.

END OF SECTION

SECTION 00290 - ENVIRONMENTAL PROTECTION

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

00290.30 Pollution Control – Replace the paragraph that begins "Prevent, control, and abate..." with the following paragraph:

Prevent, control, and abate pollution of the environment.

00290.30(a)(1) General - Replace this subsection, except for the subsection number and title, with the following:

- Do not allow any foreign substances or objects to enter waters of the State and U.S. that exceed regulated or permit limits.
- Do not cause turbidity in waters of the State and U.S. that exceeds regulated or permit limits.

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

Review *Clackamas County Code Chapter 6.05* which describes noise control regulations. Obtain and be responsible for necessary permits described in *Clackamas County Code Chapter 6.05*. Comply with the applicable noise control requirements for Project Work.

00290.50 Protection of Cultural Resources – Replace the paragraph that begins "Comply with all Laws..." with the following paragraph:

Comply with all Laws governing preservation of cultural resources. Cultural resources include, but are not limited to:

- Historic buildings (i.e. typically 50 years of age and older)
- Historic structures (i.e. bridges)
- Sites (i.e. sites with artifacts)
- Objects (i.e. monuments)
- Districts (i.e. historic districts, or linear historic districts like historic roads).

Replace the paragraph that begins "If cultural resources are..." with the following paragraph:

If cultural resources not previously identified in preconstruction are encountered on the Project area or in material sources, and their disposition is not addressed in the Special Provisions, do the following:

END OF SECTION

SECTION 00305 - CONSTRUCTION SURVEY WORK

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

00305.00 Scope – Replace this subsection, except for the subsection number and title, with the following:

Survey staking will be required for curb ramp construction, roadway crown construction, and establishing finish grade of aggregate base roadway section where shown in the plans. The Contractor shall develop and make all detail surveys necessary for layout and construction. Complete all survey staking as needed using information contained in the Contract Plans and adjusted as necessary to meet ADA requirements and roadway requirements. Additional information or clarification by the Engineer may be available upon request, but is not guaranteed. Surveyed field layout shall be reviewed by the Engineer prior to demolition and again prior to concrete placement, or pavement construction.

Provide construction survey work according to the current edition on the date of Advertisement, of the ODOT "Construction Surveying Manual for Contractors" as needed to complete the work. This manual is available on the web at:

https://www.oregon.gov/ODOT/ETA/Documents_Geometronics/Construction-Survey-Manual-Contractors.pdf

At a minimum the Contractor shall include the following stakes:

- Staking as required to construct offset crown and standard crown roadway improvements
- Where pavement is to be replaced to match existing grade at the roadway crown and adjacent to the existing curb, contractor shall:
 - Mark existing curb flow line with paint prior to ac surfacing removal to document existing pavement elevation and curb exposure.
 - Survey the existing roadway crown, grade breaks, edge of pavement (as necessary) and any other locations as necessary to re-establish the existing road grade. Positive drainage is the primary consideration to establish finish grade. Existing elevations shall be collected at a minimum distance of 25 feet along the full street alignment.
 - Survey information shall be used to provide construction staking, as necessary, during final grading prior to paving.

The Agency will **not** establish control stations, perform measurements and calculations for pay quantities, or perform final "as constructed" measurements, contrary to Section 1.5 of the above referenced manual. The Contractor's surveyor will be responsible to complete this work.

Make all supporting computations and field notes required for control of the work and as necessary to establish the exact position, orientation, and elevation of the work from control stations, including furnishing and setting construction stakes and marks, reference marks, and additional control stations.

The Engineer will not be responsible for any data translations. An electronic copy of the base drawing, in Autocad's DWG format may be delivered, upon request, to the Contractor's surveyor.

The electronic drawings shall be used by the Contactor's surveyor as a reference, and it shall be the responsibility of the Contractor to confirm that all data contained within the electronic drawings is consistent with the contract documents.

00305.05 3D Engineered Models – Delete this subsection.

END OF SECTION

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

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

00310.01 Areas of Work - Replace this subsection with the following:

Perform removal Work as shown on the plans or as directed by the Engineer.

Add the following subsection:

00310.45 Removal of Existing Surfaces - Remove sidewalk and surfacings as shown on the Plans. Sidewalk and surfacings to be removed shall be cut in neat, straight lines with vertical edges along the limits of removal. The cut lines for removal of asphaltic or cement concrete pavement shall be reviewed and approved by the Engineer in the field before cutting. Demolish and remove concrete curbs, islands and other surfacings as directed by the Engineer or as shown. Make a vertical saw cut between any existing curb that is to remain and portion that is to be removed. Remove roadway pavement and aggregate base in the street adjacent to curbs and edge of pavement as shown on the Plan or as directed by the Engineer. Remove paved, hardscape or vegetated areas adjacent to the back of walk as shown on the Plan or as directed by the Engineer.

Add the following subsection:

00310.46 Maintenance Under Traffic - Traffic will be allowed on the exposed surface up to 2 Calendar Days (local access only) after removing the existing surface. Garbage trucks are not allowed on the exposed surface. If the exposed surface is asphalt pavement, sweep and clean before opening to traffic.

Prior to paving or after the initial removal is completed through an area, the Engineer will examine the pavement surface and delineate areas requiring additional pavement repair by the Contractor. For areas that require additional repairs, see Section 00748.

00310.92 Separate Item Basis – Supplement this subsection with the following

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

Item (d) includes the removal of all existing asphalt pavement and aggregate base to the depths of proposed ACP shown on the plans regardless of the construction method of removal. This also

includes the removal of all surfaces, except for walks and driveways, but includes concrete driveway overpours, as defined by 00110.20 under "Existing Surfaces." No additional payment will be made for existing pavement depths removed in excess of the proposed.

Supplement the paragraph that begins "Item (g) includes" with the following:

Saw cutting completed as necessary to phase the work within the pavement rehabilitation limits and for driveway approach concrete overpours as shown on the plans shall be considered incidental and will not be paid separately.

END OF SECTION

SECTION 00330 - EARTHWORK

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

00330.43(c) Non-Moisture-Density Testable Materials - Supplement this section with the following:

The native roadway subgrade or aggregate base surface shall be approved by the Engineer prior to placing any fill, base rock or ACP layers. Onsite proof roll deflection tests shall be performed in accordance with ODOT Test Method 158 and must be performed and witnessed as directed by the Engineer. No deflection is allowed and all pavement areas shall be tested. During wet weather construction (as approved by the Engineer), provide the proof-roll test over the base rock surfaces prior to placement of any pavement.

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

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

00330.80 Measurement - Replace this section except for the section number and title with the following:

No measurement will be made under this section and all work performed shall be considered incidental to other bid items.

00330.90 Payment - Replace this section except for the section number and title with the following:

No payment will be made under this section and all Work performed shall be considered incidental to other bid items.

END OF SECTION

SECTION 00331 - SUBGRADE STABILIZATION

Comply with Section 00331 of the Standard Specifications modified as follows:

00331.10 Materials – Replace the Material that begins “Aggregate Base...” with the following Material:

Aggregate Base 02630.10

END OF SECTION

SECTION 00340 - WATERING

Comply with Section 00340 of the Standard Specifications.

END OF SECTION

SECTION 00350 - GEOSYNTHETIC INSTALLATION

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

00350.90 Payment – Add the following to the end of this subsection:

No separate or additional payment will be made for furnishing or installing subgrade geotextile. Payment will be included in 0331.90.

END OF SECTION

SECTION 00440 - COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications modified as follows:

00440.40(e) Curing - Replace this subsection, except for the subsection number and title, with the following:

Cure CGC for a minimum of 7 Calendar Days by one of the following methods:

- Cover with wet burlap, canvas, Sand, or other acceptable Material, and keep moist.
- Apply curing compounds at a rate of not less than 1 gallon per 150 square feet. Do not use on surfaces that come into contact with adjacent pours and avoid overspray on exposed reinforcement. Use curing compounds according to the following:

Table 00440-1

Section	Item	Type 1 or 1-D (Clear)	Type 2 (White-Pigmented)
00480	Drainage Curbs	*	*
00599	Slope Paving Curbs and Berm Paving	Yes	No
00759	Walks, Curb Ramps, Driveways, Surfacing, Curbs, and Islands	*	*

*Use Type 2 except when the Engineer requires Type 1 or 1-D

END OF SECTION

SECTION 00490 - WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of the Standard Specifications modified as follows:

00490.01 Descriptive Terms – Supplement the definition of adjust with the following:

Adjusting structures (manhole rims, valves, boxes, and catch basins) shall also include hand removal of existing asphalt pavement around the structure as required to overlay or inlay the proposed pavement section. Adjusting inlets shall also include additional work associated with maintaining or revising the finish grade surrounding the catch basins to maintain or provide positive drainage.

00490.10 Materials - Add the following to the end of this subsection:

Portland Cement Concrete Repair Materials.....02015.20

00490.11 High Early Strength Concrete - Replace this subsection, except for the subsection number and title, with the following:

Furnish high early strength concrete meeting one of the following requirements:

- Commercial Grade Concrete designed to achieve high early strength utilizing accelerating admixture from 02040.10, Type III cement from Section 02010, or rapid setting cement from Section 02011.
- A Portland cement concrete repair material from 02015.20, rapid setting or very rapid setting.

00490.46(c) Adjusting Manholes – Add the following sentence to the end of the second paragraph:

Installing provided riser rings alone is considered incidental to the other work on this project.

00490.48 Adjusting Boxes, Cleanout Lids and Similar Structures – Add the following to the end of this subsection:

A pre-construction monument survey was performed by the Engineer's surveyor prior to construction. Unknown survey monuments may be present throughout the project areas, located outside monument boxes. The Contractor shall protect all monuments from damage to the maximum extent feasible and install new boxes, if shown on the Plans, including installing new monument boxes over existing monument pins located within the roadway that do not have an existing box. The Contractor shall be responsible for installing monument boxes at the exact horizontal location of any monument that has been disturbed. The Engineer's surveyor, in coordination with the County Surveyor, will reset the vertical location of monuments that are disturbed after construction. Coordination with the Engineer's surveyor, the County Surveyor, and protection of existing monuments shall be incidental to other work under this project.

The Contractor may encounter cases where a utility facility (such as a valve box) has been adjusted by the utility owner and cold mix has been placed around the facility. The Contractor shall remove and dispose of this cold mix, replace it with asphalt concrete pavement, and hand-compact it in advance of the pavement Work. This Work is considered incidental to other work under this project.

Water access lids shall only be adjusted by raising the top section of the existing valve can. Gas valve access lids may be adjusted with grade rings, as appropriate.

00490.80 Measurement – Add the following to this subsection:

When existing grade matches finish grade shown on the plans, no measurement shall be made for adjusting structures or boxes. All work associated with raising boxes to finish grade during paving operations which are not owned by Clackamas County will be considered incidental to other bid items including coordination with utility owners. All work associated with installing paving rings is considered incidental to other bid items.

END OF SECTION

SECTION 00610 - RECONDITIONING EXISTING ROADWAY

Comply with Section 00610 of the Standard Specifications modified as follows:

Add the following subsection:

00610.01 Submittals – Submit a Subgrade Protection Plan that identifies the Contractors intended means and methods of removing existing surfaces, constructing new base surfaces as prescribed in the Contract Documents, and protecting the existing subgrade from potential damage by the Contractors operations or outside factors such as weather.

00610.15 Quality Control – Add the following sentence to the end of this subsection:

Following final grading and compaction of existing aggregate base, conduct proof-roll deflection testing in accordance with 00330.43(c).

00610.42 Aggregate Subbase, Base and Surfacing – Add the following to the end of this subsection:

Finish surfaces to the necessary grade as shown in the plans and which establishes a smooth and drivable surface free from bumps, humps or other vertical abnormalities. Establish grades for positive drainage which matches existing acceptable drainage or improves the existing conditions of the site prior to paving operations. Grading which continues to cause ponding shall be discussed and approved by the Engineer prior to paving.

Add the following subsection:

00610.44 Protect Existing Subgrade – The Contractor shall protect the existing roadway base and subgrade from damage following pavement removal. Protection will include limiting all construction activities that could damage existing aggregate base covered subgrade such as continued loading with construction equipment as part of haul routes for other work, continued loading during periods with inclement weather or as part of hauling operations that could compromise subgrade soils and all other activities within control of the Contractor. The Contractor shall protect subgrades from excessive moisture after removal of surfacings. Preventative measures shall be utilized to protect the subgrade during forecasted precipitation. Any damage to the subgrade as a result of the Contractors negligence shall be repaired at the Contractors expense.

The Contractor shall be responsible to phase all work that places construction loads directly on the existing subgrade and select equipment sizes and classes in an effort to minimize potential overloading of the existing subgrade. If the Contractor's plan includes running haul equipment on exposed subgrades or aggregate covered subgrades, the haul equipment shall be limited to half of the maximum legal load.

00610.80 Measurement – Replace this subsection, except for the number and title, with the following:

The quantities of reconditioning existing roadway will be measured on the area basis, computed by multiplying the length of the roadway by the width of the roadbed actually graded, compacted, and finished as accepted by the Engineer.

00610.90 Payment – Replace this subsection, except for the number and title, with the following:

Pay Item	Unit of Measurement
(a) Reconditioning Existing Roadway.....	Square Yard

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

Item (a) includes all labor, equipment and materials necessary to trim, shape, finish, compact and proof-roll the roadway in preparation for new asphalt concrete pavement placement. Payment also includes all materials, equipment and labor necessary to protect the subgrade from damage prior to and during new asphalt concrete pavement construction.

No additional payment will be made for additional aggregate imported and constructed onsite as required to achieve the desired cross section and finished grading of the roadway.

No additional payment will be made for additional grading necessary to re-establish existing drainage patterns, improve drainage patterns as noted on the plans or provide a smooth and driveable roadway free of ruts, depressions and irregularities.

END OF SECTION

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 either 1" - 0 or 3/4" - 0 size as the contractor elects or unless specified.

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 after moisture conditioning of the aggregate base, use a weighted roller, vibratory plate compactor, tamping rammer compactor, or other approved Equipment suitable for the area as approved by the Engineer.

END OF SECTION

SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

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

00730.11 Emulsified Asphalt – Replace the sentence that begins “Furnish CSS-1, CSS-1h...” with the following sentence:

Furnish CSS-1, CSS-1h, CMS-2, CMS-2S, CMS-2h, CRS-1, CRS-2, HFRS-2, HFMS-2 or HPTC as selected by the Contractor.

Replace the paragraph that begins “Dilution of the tack coat ...” with the following paragraph:

Except for HPTC, dilution of the tack coat material may be allowed to a maximum 1:1 ratio. Determine the proportion of water to be added to the Emulsified Asphalt. Do not dilute the Emulsified Asphalt until the Engineer approves the dilution ratio. Add the water to the Emulsified Asphalt and mix according to the asphalt Supplier. For HPTC, dilution of the tack coat material is allowed only by the asphalt Supplier at a ratio meeting the requirements of ODOT's publication *Standard Specifications for Asphalt Materials*.

00730.44 Applying Tack Coat – Replace the paragraph that begins "Apply the Emulsified..." with the following paragraph:

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 0.08 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. 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. Additional application of tack may be required, as directed by the Inspector, to obtain the necessary residual asphalt. Apply emulsified asphalt material to vertical surfaces (curb faces, catch basin faces, butt joints, etc.). Avoid excess tack coat overspray being applied to vertical surfaces. Shields protecting vertical faces shall be provided and used during tacking operations. All overspray shall be promptly removed.

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.

END OF SECTION

SECTION 00744 - ASPHALT CONCRETE PAVEMENT

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

00744.10(a) New Course and Fine Aggregates – Replace the third paragraph beginning with "Testing of Aggregates..." in its entirety with:

Provide test results showing that aggregates meet requirements for soundness, durability, fractured faces, and harmful substances as described below. No sandstone, shale, or other soft material will be allowed.

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

Provide PG 64-22 grade asphalt cement for this Project.

Add the following subsection:

00744.25 Trucks – Do not use vehicles or transfers with rear drop axles in which raising the drop axle would cause the vehicle to exceed legal load limits.

00744.43(b) Depositing - Replace the paragraph that begins "Deposit ACP from..." with the following paragraph:

Deposit ACP from the hauling vehicles so segregation is prevented. Do not deliver the ACP directly into the paving machine for wearing Courses where the continuous length of the Panel is greater than 2,500 feet. Deliver the ACP to the paving machine by either a windrow pick-up machine or an end-dump transfer machine.

For driveways and approaches the Contractor shall wing out the paving machine or dump additional material by hand for driveway apron. In no case will material be removed from the traveled lane for the driveway apron.

00744.44(a)(2) Wearing Course - Replace the paragraph that begins "Construct longitudinal joints ..." with the following paragraph:

Construct longitudinal joints six inches from permanent lane markings, or as shown or directed.

Add the following subsection:

00744.46 Preparation of Underlying Surfaces

- a) **Preparation of Underlying Surfaces** – All bases and foundations on which the pavement is to be constructed shall meet the applicable Specifications and be approved before the start of paving. Recondition existing bases and foundations according to Section 00610. Trim broken or ragged edges to firm material when directed.

Remove existing pavement markers, recessed markers, and pavement legends before paving. Remove pavement lines, bars, and pavement legends as shown or directed and according to 00225.45.

- b) **Overlay Preparation** - Existing pavement surfaces shall be cleaned of all loose material, dirt, vegetation, and dust by brooming, by flushing with water or other approved methods

prior to applying the tack coat. Any grass or other vegetation between the existing asphalt concrete and the curb shall be totally removed. Any vegetation that exists over the face of the curb line shall be removed in a neat workman like manner. The existing curb shall be cleaned and a tack coat applied to the curb face prior to paving.

NOTE: The Contractor is responsible for street sweeping. Special attention will be given to organic materials in cracks and the removal of all materials on the edge of the existing pavement. The Contractor shall use vacuum sweepers that are self-propelled equipped with rotating brooms and brushes that are capable of loosening dirt and debris from the road surface and collecting the material by vacuum device.

All work required in the cleaning and preparing the work site as described above and payment for this item shall be considered incidental to and included in the unit price for asphalt concrete material, and no additional compensation shall apply.

Add the following subsection:

00744.51 Opening Sections to Traffic - Local access traffic will be allowed on the top aggregate base surface according to 00310.46.

Before opening sections to local access traffic or Base Course paving operations, make repairs to the existing surface as directed according to 00748.

Add the following subsection:

00744.52 Prepaving Conference - Have a prepaving conference with all Contractor supervisory personnel, all Subcontractors who are to be involved in the paving Work, and the Engineer. Meet at a mutually agreed time and discuss all methods of accomplishing all phases of the paving Work.

Add the following subsection:

00744.76 Sand Seal - All transverse joints shall be sealed by an application of CSS-1 emulsified asphalt followed immediately by a cover coat of clean sand. Width of joint seal coat shall be no less than four inches and no more than six inches.

Add the following subsection:

00744.77 Cleanup - Clean and remove all excess asphalt, debris and tack from all facilities including but not limited to manhole covers, valve boxes, catch basins, concrete gutter and curb faces.

Keep a sweeper on site at all times to sweep areas at the end of each work shift, as needed and as directed.

Add the following subsection:

00744.78 Finish Surfaces - Finish surfaces to the necessary grade which establishes a smooth and drivable surface free from bumps, humps or other vertical abnormalities. Establish grades for

positive drainage which matches existing acceptable drainage or improves the existing conditions of the site prior to pavement overlay, grind/inlay, and base grading. Grading which continues to cause ponding shall be discussed and approved by the Engineer prior to paving.

00744.80 Measurement - Add the following paragraph to the beginning of this subsection:

The quantities of ACP shown in the Contract Schedule of Items were computed on the basis of Aggregates having a bulk specific gravity of 2.80.

00744.90 Payment – Replace the paragraph that begins "No separate or additional..." with the following paragraph:

No separate or additional payment will be made for:

- asphalt cement, mineral filler, lime, and anti-stripping or other additives
- tack coat
- sawcutting
- cleaning existing pavement surfaces in preparation for applying the tack
- power sweeping existing surfaces
- sand sealing joints
- QC Testing
- temporary asphalt concrete pavement placed to open the roadway to traffic

Add the following subsection:

00744.91 Price Adjustments -There will be no ACP Price Adjustments for this project. Asphalt concrete placed that does not comply with the compaction requirements herein shall be removed and replaced at the discretion of the Engineer.

END OF SECTION

SECTION 00748 - ASPHALT CONCRETE PAVEMENT REPAIR

Comply with Section 00748 of the Standard Specifications modified as follows:

00748.10 Materials – Replace the Material that begins "Aggregate Base..." with the following Material:

Aggregate Base 02630.10

Add the following subsection:

00748.46 Confirmation of Subgrade Suitability – Where subgrade or aggregate is exposed from grinding or repair operations and prior to paving, test the stability of the exposed material in the presence of the inspector by either foundation probe or proof roll. Subgrade that is found to be unsatisfactory is subject to additional rehabilitation at the discretion of the Engineer.

00748.80 Measurement – Add the following to the end of this subsection:

The Engineer will delineate repair areas in the field prior to the Contractor completing work under this section. Measurement of repair areas will be based on the actual measurements delineated by the Engineer. No adjustment to the measurements will be made if the Contractor elects to remove additional area based on available equipment sizes and limitations.

00748.90 Payment – Add the following:

No separate or additional payment will be made for sawcutting existing pavements associated with this work.

END OF SECTION

SECTION 00749 - MISCELLANEOUS ASPHALT CONCRETE STRUCTURES

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

00749.14 Concrete - Delete this subsection.

Add the following subsection:

00749.48 Tactile Surfaces Indicators - Construct tactile surface indicators according to Section 00765 to the slopes, lines, grades, and dimensions as shown or established.

00749.90 Payment – Replace the paragraph that begins “Aggregate will be paid...”, with the following paragraph:

When aggregate base is not included as a separate Pay Item, no separate or additional payment will be made for aggregate base.

00749.91 Method “A” – Weight and Extras Basis – Replace the paragraph that begins “Item (a) includes...” with the following paragraph:

Item (a) includes new asphalt driveway connections shown on the plans. No additional measurement or payment will be made for the extra cost of placing asphalt concrete at existing roadway intersection transitions or at existing asphalt driveway connections.

END OF SECTION

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

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

Add the following subsection:

00850.12 Reflective Elements – Swarco 3130 blend or approved equal from the ODOT QPL shall be used with Hi-Built Paint.

00850.30 Manufacturer's Representative - Replace this subsection, except for the subsection number and title, with the following:

For Sections referencing 00850.30, the services of a manufacturer's representative are not required. Place Pavement markings only when the Pavement is ready for the Pavement marking material according to the manufacturer's installation instructions.

00850.44 Alignment Layout – Replace the paragraph that begins "Place control points for lines every ..." with the following paragraph:

Place control points for lines every 50 feet on tangent and every 25 feet on a curve. Place layout transition details at the start of pavement markings, where pavement markings transition into a different pavement marking, and at the end of pavement markings. Using these control points and layout transition details, layout a continuous narrow guideline for each line, along one edge of, or uniformly offset from the intended permanent line location. Do not proceed with installation until the guidelines are approved by the Engineer.

END OF SECTION

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications modified as follows:

00867.80 Measurement – Add the following to the end of this subsection:

The quantities of longitudinal pavement markings will be measured on the length basis. Longitudinal pavement markings will be based on a nominal line width of 4 inches. If the width of the line is other than 4 inches, measurement will be adjusted by converting to an equivalent length of nominal 4 inch line on a proportionate area basis. Measurement will be the actual stripe. Gaps between skip stripes will not be measured.

00867.90 Payment: Add the following:

Add the following pay item to the pay item list:

Pay Item

Unit of Measurement

(t) Longitudinal Pavement Marking, Type _____Foot

END OF SECTION

SECTION 02630 – BASE AGGREGATE

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

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

Provide open-graded Aggregate meeting the following grading requirements:

Table 02630-2	
Aggregate Gradation for Open-Graded Aggregate	
Sieve Size	Percent Passing (by Weight)
1"	100
3/4"	80 - 98
1/2"	60 - 85
3/8"	30 - 45
No. 100	0 - 6 (Dry Sieve)

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

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

Percentage of Fracture (by Weight)	
Material Retained on 3/4", 1/2", and 1/4" Sieves (two fractured faces)	90

END OF SECTION

PLANS FOR PROPOSED PROJECT
ASPHALT PAVING & OILING, EARTHWORK, PAVEMENT MARKINGS, AND TEMPORARY TRAFFIC CONTROL

BEAVERCREEK WOODS PAVING PROJECT

CI-3-26502



COVER SHEET

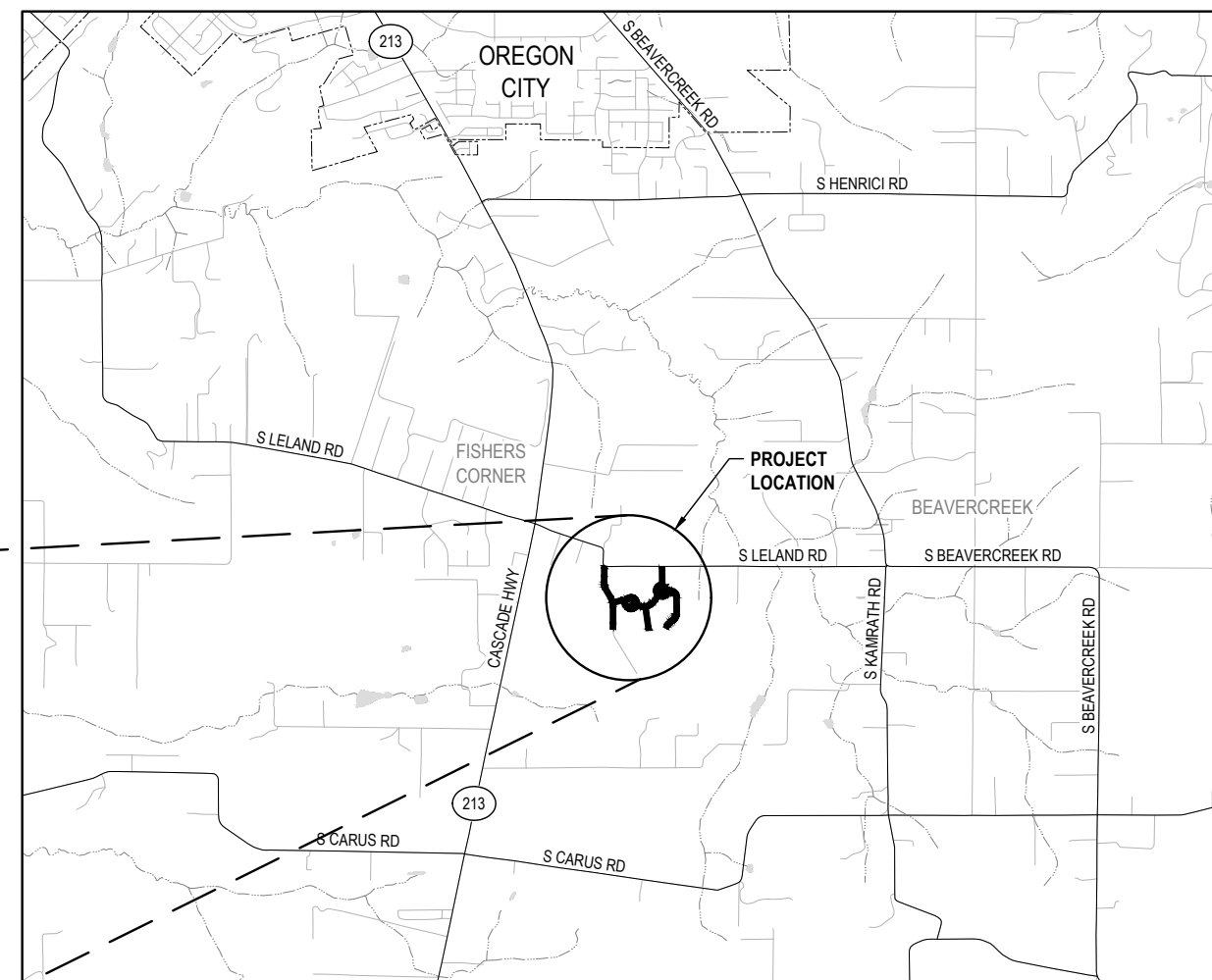
BEAVERCREEK WOODS PAVING PROJECT

DATE: MARCH 2026	PROJECT NO.: CI-3-26502
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C-02	PAVING DETAILS
C-03 TO C-10	PAVING PLAN AND NOTES

CLACKAMAS COUNTY

OREGON



VICINITY MAP
NOT TO SCALE

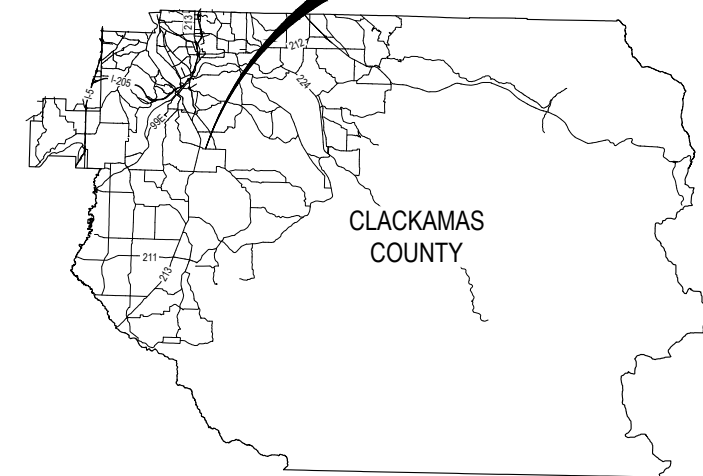


T. 3S, R. 2E SEC. 27

ATTENTION !

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0100. YOU MAY OBTAIN COPIES OF THE RULES FROM THE CENTER OR ANSWERS TO QUESTIONS ABOUT THE RULES BY CALLING (503) 232-1987.

SITE



CLACKAMAS COUNTY
DEPT. OF TRANSPORTATION

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:
ARCDESIGNED BY:
ARC

DRAFTED BY:
WDH

DRAFTED BY:
WDH

CHECKED BY:
TSN

CHECKED BY:
TSN

REVISIONS

NO.	DATE:
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Sheet No.

G-01



Know what's **below**.
Call before you dig.



consor

ONE SW COLUMBIA STREET, SUITE 1700
PORTLAND, OREGON 97258
P 503.225.9010

GENERAL NOTES:

1. INSTALL TWO SETS (3 SIGNS PER SET) TEMPORARY PROJECT SIGNS PRIOR TO COMMENCING WITH WORK. MOUNT ROAD FUND SIGNS TO SINGLE TEMPORARY SIGN SUPPORT, MOUNT PROJECT NOTIFICATION SIGNS TO SINGLE TEMPORARY SIGN SUPPORTS PER ODOT STD DWG TM821 OR TM822. INSTALL AT LOCATIONS SHOWN ON SHEET G-03. COORDINATE FINAL LOCATION WITH INSPECTOR. SEE PROJECT SIGN DETAILS, THIS SHEET.

VERTICAL DATUM AND BASIS OF BEARINGS:

1. ALL PLAN INFORMATION IS BASED ON CLACKAMAS COUNTY GIS DATA AND AERIAL PHOTOS, WHICH IS APPROXIMATE.

RIGHT-OF-WAY REPRESENTATION:

1. ALL LINE-WORK SHOWN RELATING PROPERTY BOUNDARY TO SCAN DATA IS FOR GRAPHICAL REPRESENTATION ONLY. ANY APPARENT DISCREPANCIES BETWEEN SAID DATA WILL REQUIRE FIELD VERIFICATION THROUGH A PROPER RIGHT-OF-WAY RESOLUTION.

SURFACING REMOVAL, GRADING AND PAVING NOTES :

1. WHERE PAVEMENT IS TO BE REPLACED TO MATCH EXISTING GRADE AT THE ROADWAY CROWN AND ADJACENT TO THE EXISTING CURB, CONTRACTOR SHALL:
- MARK EXISTING CURB FLOW LINE WITH PAINT PRIOR TO AC SURFACING REMOVAL TO DOCUMENT EXISTING PAVEMENT ELEVATION AND CURB EXPOSURE.
 - SURVEY THE EXISTING ROADWAY CROWN, GRADE BREAKS, EDGE OF PAVEMENT (AS NECESSARY) AND ANY OTHER LOCATIONS AS NECESSARY TO RE-ESTABLISH THE EXISTING ROAD GRADE. EXISTING ELEVATIONS SHALL BE COLLECTED AT A MINIMUM DISTANCE OF 25 FEET ALONG THE FULL STREET ALIGNMENT.
 - SURVEY INFORMATION SHALL BE USED TO PROVIDE CONSTRUCTION STAKING, AS NECESSARY, DURING FINAL GRADING PRIOR TO PAVING.
2. WHERE AGGREGATE BASE IS EXPOSED FROM SURFACE REMOVAL OR REPAIR OPERATIONS AND PRIOR TO PAVING, RECONDITION AND PREPARE THE EXISTING AGGREGATE BASE SURFACE (SEC. 00610).
3. PRIOR TO ASPHALT OVERLAY OR ALONG PAVEMENT REMOVAL SECTIONS, GRADE ASPHALT OR BASE SECTION TO MAINTAIN POSITIVE DRAINAGE.
4. PRIOR TO MAINLINE PAVING OPERATIONS, THE INSPECTOR MAY DIRECT ADDITIONAL RESTORATIONS AS NECESSARY TO ADDRESS EXISTING PAVEMENT DEFICIENCIES. WORK MAY INCLUDE ASPHALT CONCRETE PAVEMENT REPAIR OR SUBGRADE STABILIZATION. CONTRACTOR SHALL SHOW APPROPRIATE TIME AND RESOURCES IN THE PROJECT SCHEDULE TO COMPLETE THIS WORK.

TRAFFIC CONTROL/PHASING NOTES :

1. SEE TCP SHEET TC-01 THRU TC-03 FOR DETOUR NOTES AND TRAFFIC CONTROL AND PHASING.

ODOT STANDARD DRAWINGS

(EFFECTIVE DATE: 12/01/2025 - 05/31/2026):

- | | | |
|----------|---------|---------|
| • RD610 | • TM530 | • TM822 |
| • RD1010 | • TM800 | • TM840 |
| • TM500 | • TM820 | • TM841 |
| • TM503 | • TM821 | |

TOPOGRAPHIC LEGEND

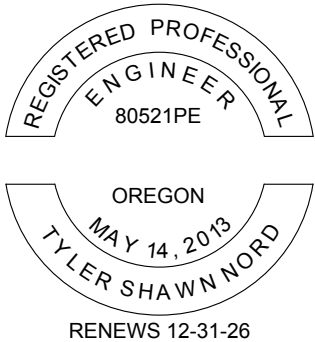
EXISTING	
WATERLINE	
ELECTRICITY (UNDERGROUND)	
OVERHEAD UTILITY	
GAS	
TELEPHONE/TELEMETRY	
CABLE TELEVISION	
COMMUNICATION	
FIBER OPTIC	
SANITARY SEWER LINE	
STORM DRAIN	
CULVERT	
DRAINAGE DITCH/FLOW LINE	
CHAIN LINK FENCE	
WOOD FENCE	
ROCK WALL	
TREE/BUSH LINE	
CENTERLINE	
RIGHT-OF-WAY	
PROPERTY LINE	
EASEMENT	
EDGE OF PAVEMENT/ AC	
PAVEMENT STRIPING	
EDGE OF GRAVEL	
CURB	
SIDEWALK	
MANHOLE	
CLEAN-OUT	
CATCH BASIN/FIELD INLET	
FIRE HYDRANT ASSEMBLY	
WATER METER	
WATER IRRIGATION VALVE	
PULL BOX/JUNCTION BOX	
UTILITY POLE	
GUY WIRE	
STREET LIGHT	
TRANSFORMER	
ELECTRICAL METER	
ELECTRICAL CABINET	
GAS METER	
GAS VALVE	
MAILBOX	
SIGN	
TREE DECIDUOUS	
TREE CONIFEROUS	
BENCHMARK	
IRON ROD	
MONUMENT	
EXISTING PAVEMENT CORE (SEE TYPICAL SECTIONS)	

TOPOGRAPHIC LEGEND

PROPOSED	
ASPHALT CONCRETE PAVEMENT	
PAVEMENT RESTORATION AREA	
SAWCUT	
PAVEMENT DRAINAGE FLOW DIRECTION	
PROPOSED EDGE OF PAVEMENT	

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	ODOT	OREGON DEPARTMENT OF TRANSPORTATION
ACP	ASPHALTIC CONCRETE PAVEMENT	OLWS	OAK LODGE WATER SERVICES
ADJ	ADJACENT	PC	POINT OF CURVE
AGG	AGGREGATE	PROP	PROPERTY
APPRX	APPROXIMATE	PVMT	PAVEMENT
C/L	CENTERLINE	R/W	RIGHT-OF-WAY
CONC	CONCRETE	REQ'D	REQUIRED
COORD	COORDINATE	RDWY	ROADWAY
DET	DETAIL	S/W	SIDEWALK
DIR	DIRECTED	SD	STORM DRAIN
DWG	DRAWING	SHT	SHEET
DWY	DRIVEWAY	STA	STATION
EOP	EDGE OF PAVEMENT	STD	STANDARD
EXIST	EXISTING	TEMP	TEMPORARY
GR	GROUND/GRADE	THK	THICK/THICKNESS
HORIZ	HORIZONTAL	TYP	TYPICAL
LOC	LOCATION	W/	WITH
MAX	MAXIMUM	WES	WATER ENVIRONMENTAL SERVICES
MIN	MINIMUM	SLP	SLOPE
MIX	MIXTURE		
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES		



GENERAL NOTES AND LEGEND

BEAVERCREEK WOODS
PAVING PROJECT

PROJECT NO.: CL-3-26502

DATE: MARCH 2026

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:

ARC

DRAFTED BY:

WDH

CHECKED BY:

TSN

REVISIONS

NO. DATE:

Sheet No.

G-02



SIGN NOTES:

1. SIGNS TO BE ORANGE BACKGROUND WITH BLACK LETTERING AND BORDERS.
2. TEXT FONT TO BE FHWA C.
3. COUNTY LOGO TO COMPLY WITH SPECIFICATIONS IN THE COUNTY BRAND GUIDE: [HTTP://WEB1.CLACKAMAS.US/PGA/LOGO.HTML#GUIDE](http://WEB1.CLACKAMAS.US/PGA/LOGO.HTML#GUIDE).
4. CONTRACTOR'S APPROVED SCHEDULE TO DETERMINE DATES ON PROJECT NOTIFICATION SIGN.

TEMPORARY PROJECT SIGN DETAIL

SCALE: NTS





REVISIONS

NO.	DATE:	DESIGNED BY:	DRAFTED BY:	CHECKED BY:
		ARC	WDH	TSN

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DAN JOHNSON

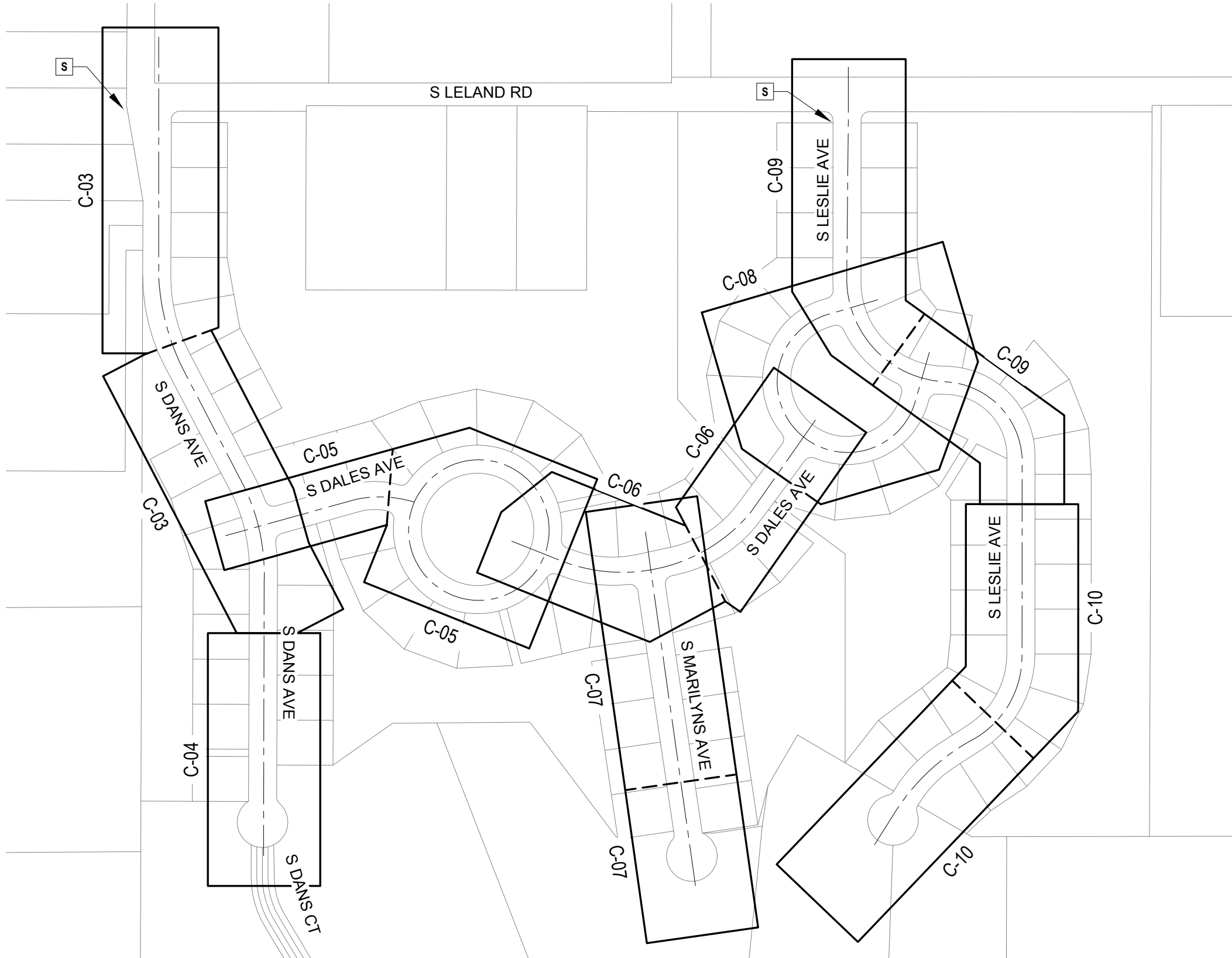
DIRECTOR

SHEET LAYOUT PLAN

BEAVERCREEK WOODS
PAVING PROJECT

DATE: MARCH 2026

PROJECT NO.: CI-3-26502



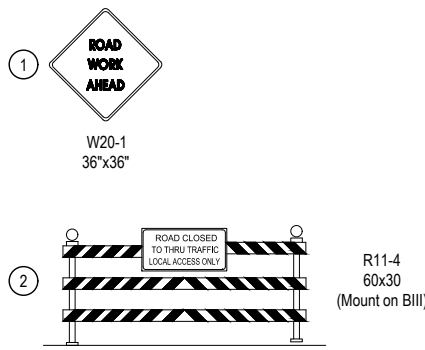
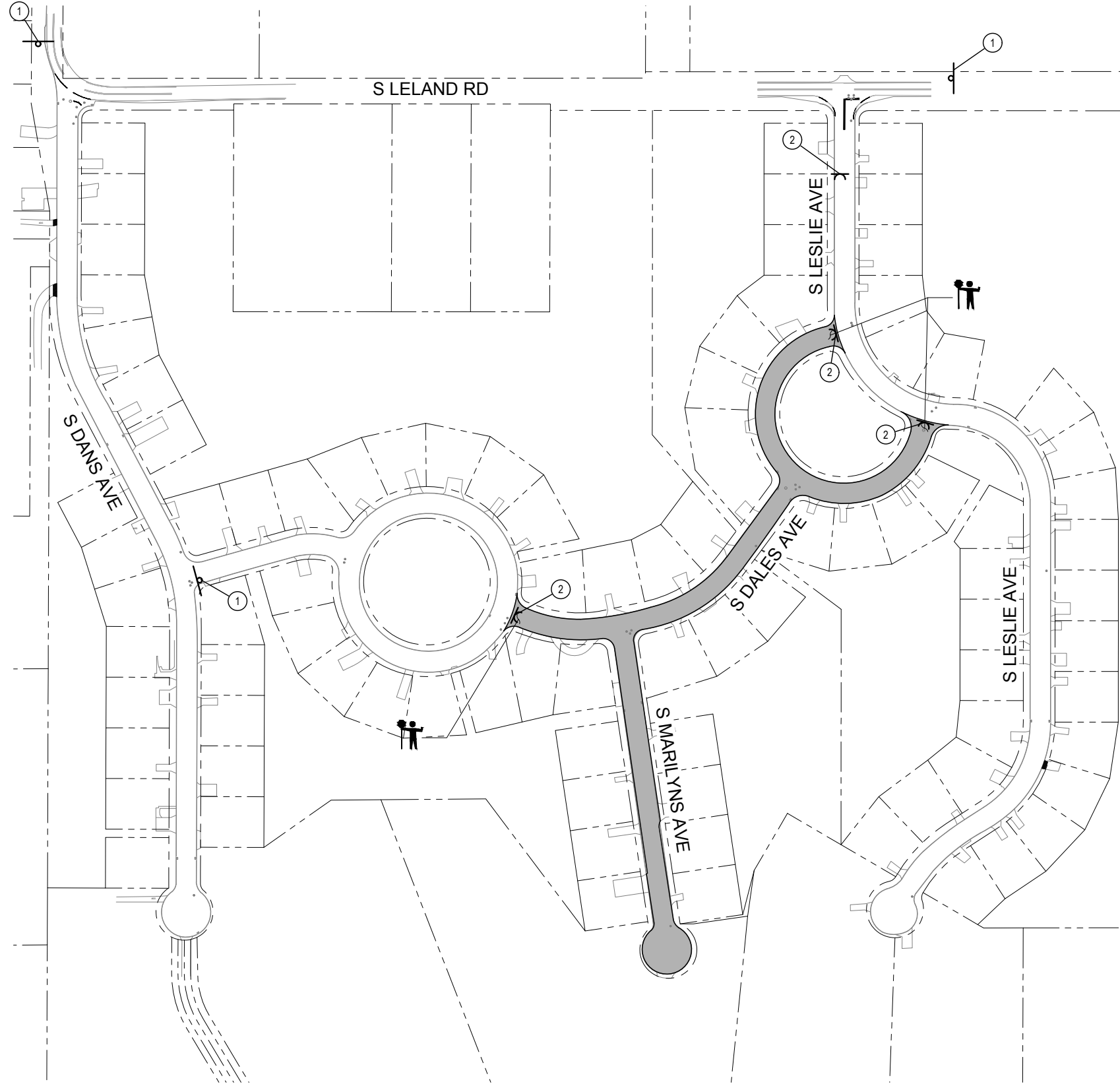
PLAN
SCALE: 1" = 200'



LEGEND

S PROJECT INFORMATION SIGNS

TEMPORARY ROAD CLOSURE PLAN - LOCAL ACCESS ONLY
CONCEPTUAL STAGE 1 - APPROXIMATE ACP TONNAGE: 1,175 TONS



TEMPORARY TYPE 3 BARRICADE
SCALE: NTS

- TRAFFIC CONTROL/PHASING NOTES**
1. CONTRACTOR TO SUBMIT COUNTY ROAD CLOSURE FORM, MINIMUM 2 WEEKS PRIOR TO CLOSURE DATE.
 2. CONTRACTOR SHALL FOLLOW AN APPROVED PHASING PLAN THAT MEETS THE MINIMUM REQUIREMENTS SET FORTH. ANY PROPOSED PHASING THAT CONFLICTS WITH REQUIREMENTS NOTED IN THE CONTRACT DOCUMENTS SHALL BE APPROVED IN WRITING BY THE COUNTY PRIOR TO BEGINNING WORK.
 3. CONTRACTOR SHALL PHASE AND COORDINATE CONSTRUCTION TO MINIMIZE DELAYS AND IMPACTS TO PUBLIC TRAFFIC, PUBLIC SERVICES (GARBAGE, MAIL, ETC.) AND PROPERTY ACCESS.
 4. LOCAL ROADS WITHIN WORK ZONES MAY BE CLOSED TO THRU TRAFFIC DURING WORK HOURS BUT SHALL REMAIN ACCESSIBLE TO RESIDENTS, BUSINESSES AND SERVICES AT ALL TIMES. CONTRACTOR SHALL PHASE THE WORK SO 2-WAY TRAFFIC IS MAINTAINED OUTSIDE OF WORK HOURS.
 5. CONTRACTOR SHALL PREPARE A DETAILED TRAFFIC CONTROL PLAN CONFORMING TO THE REQUIREMENTS OF THE CURRENT EDITION OF THE MUTCD AND THESE CONTRACT DOCUMENTS.
 6. MAINTAIN ACCESS TO ADJOINING PROPERTIES AT ALL TIMES. PROVIDE ADVANCED NOTICE OF ALL ROAD CLOSURES TO RESIDENTS, PUBLIC SERVICES AND EMERGENCY SERVICES.
 7. MAINTAIN PEDESTRIAN ACCESS WITHIN CONSTRUCTION LIMITS.
 8. PROVIDE FLAGGERS AS NECESSARY TO MANAGE INTERSECTION TRAFFIC DURING CONSTRUCTION.

LEGEND

	WORK ZONE
	TEMPORARY TRAFFIC CONTROL SIGN
	TEMPORARY TYPE 3 BARRICADE
	FLAGGER



ROAD CLOSURE PLAN
BEAVERCREEK WOODS
PAVING PROJECT

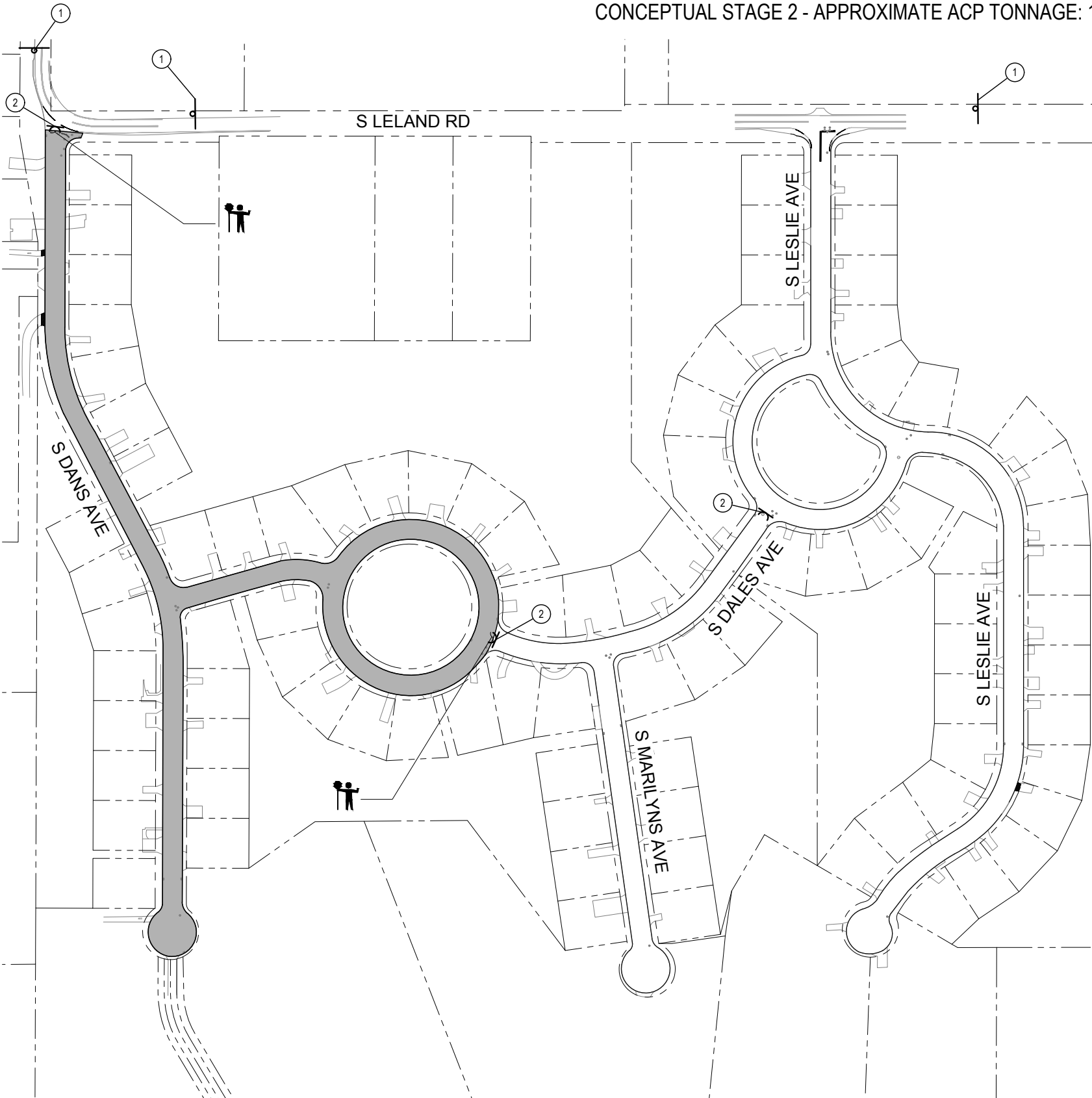
CLACKAMAS COUNTY
DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045

DESIGNED BY:		ARC	
DRAFTED BY:		WDH	
CHECKED BY:		TSN	
NO.	DATE:		
Sheet No. TC-01			

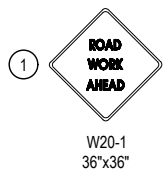
DIRECTOR
DAN JOHNSON

PROJECT NO.: CL-3-26502
DATE: MARCH 2026

TEMPORARY ROAD CLOSURE PLAN - LOCAL ACCESS ONLY
CONCEPTUAL STAGE 2 - APPROXIMATE ACP TONNAGE: 1,675 TONS



PLAN
SCALE: 1" = 200'



TEMPORARY TYPE 3 BARRICADE
SCALE: NTS

- TRAFFIC CONTROL/PHASING NOTES**
1. CONTRACTOR TO SUBMIT COUNTY ROAD CLOSURE FORM, MINIMUM 2 WEEKS PRIOR TO CLOSURE DATE.
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 6. MAINTAIN ACCESS TO ADJOINING PROPERTIES AT ALL TIMES. PROVIDE ADVANCED NOTICE OF ALL ROAD CLOSURES TO RESIDENTS, PUBLIC SERVICES AND EMERGENCY SERVICES.
 7. MAINTAIN PEDESTRIAN ACCESS WITHIN CONSTRUCTION LIMITS.
 8. PROVIDE FLAGGERS AS NECESSARY TO MANAGE INTERSECTION TRAFFIC DURING CONSTRUCTION.

LEGEND

	WORK ZONE
	TEMPORARY TRAFFIC CONTROL SIGN
	TEMPORARY TYPE 3 BARRICADE
	FLAGGER



ROAD CLOSURE PLAN

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR
DAN JOHNSON

DESIGNED BY:	ARC
DRAFTED BY:	WDH
CHECKED BY:	TSN

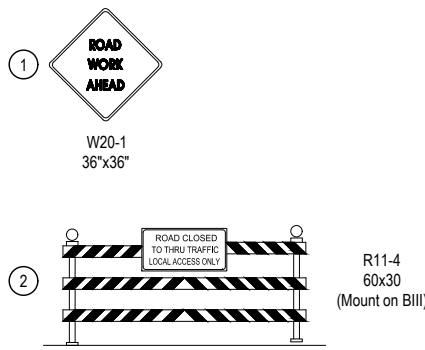
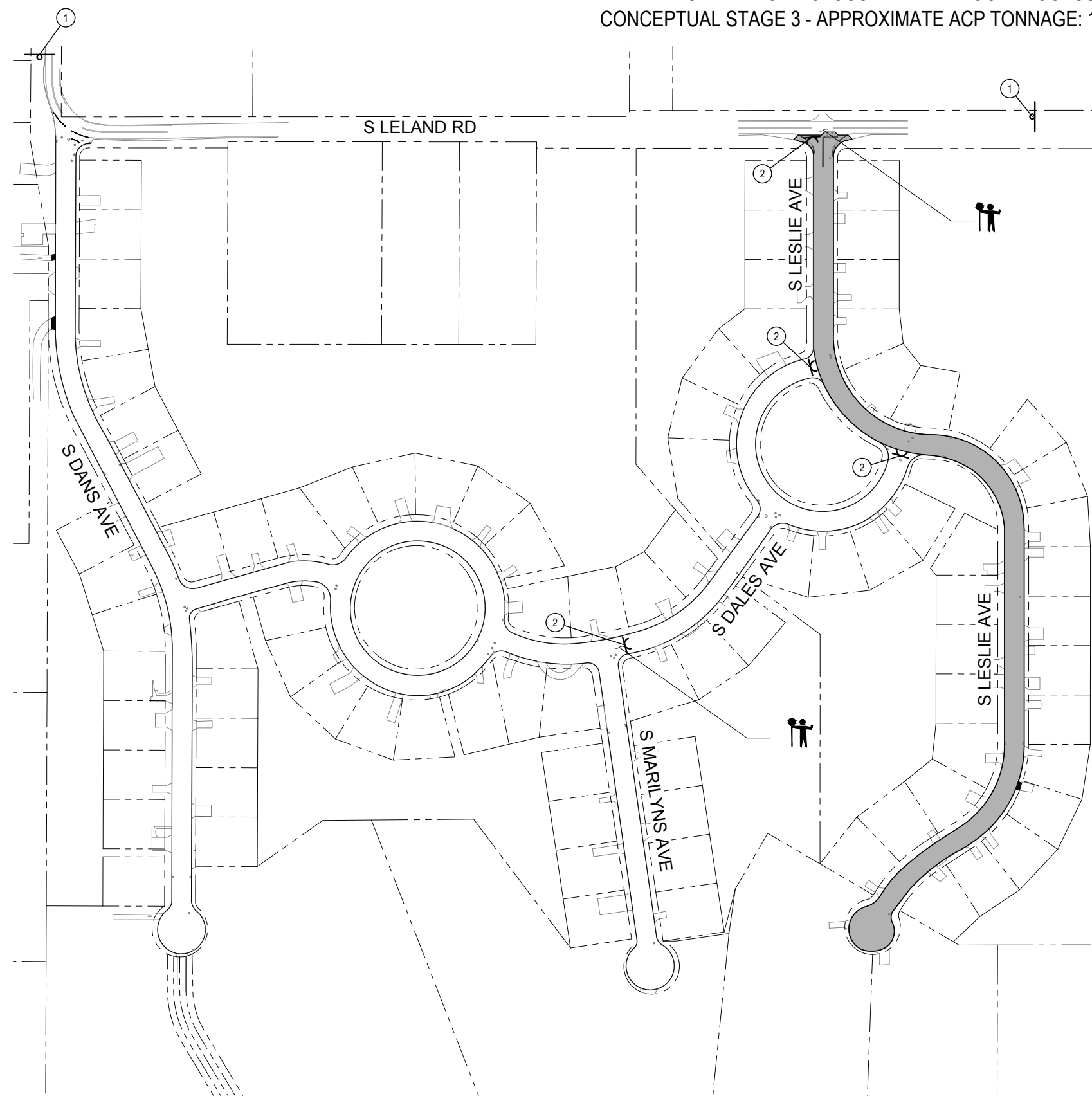
REVISIONS

NO.	DATE:			
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Sheet No.
TC-02



TEMPORARY ROAD CLOSURE PLAN - LOCAL ACCESS ONLY
CONCEPTUAL STAGE 3 - APPROXIMATE ACP TONNAGE: 1,150 TONS



TEMPORARY TYPE 3 BARRICADE
SCALE: NTS

- TRAFFIC CONTROL/PHASING NOTES**
1. CONTRACTOR TO SUBMIT COUNTY ROAD CLOSURE FORM, MINIMUM 2 WEEKS PRIOR TO CLOSURE DATE.
 2. CONTRACTOR SHALL FOLLOW AN APPROVED PHASING PLAN THAT MEETS THE MINIMUM REQUIREMENTS SET FORTH. ANY PROPOSED PHASING THAT CONFLICTS WITH REQUIREMENTS NOTED IN THE CONTRACT DOCUMENTS SHALL BE APPROVED IN WRITING BY THE COUNTY PRIOR TO BEGINNING WORK.
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 4. LOCAL ROADS WITHIN WORK ZONES MAY BE CLOSED TO THRU TRAFFIC DURING WORK HOURS BUT SHALL REMAIN ACCESSIBLE TO RESIDENTS, BUSINESSES AND SERVICES AT ALL TIMES. CONTRACTOR SHALL PHASE THE WORK SO 2-WAY TRAFFIC IS MAINTAINED OUTSIDE OF WORK HOURS.
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 7. MAINTAIN PEDESTRIAN ACCESS WITHIN CONSTRUCTION LIMITS.
 8. PROVIDE FLAGGERS AS NECESSARY TO MANAGE INTERSECTION TRAFFIC DURING CONSTRUCTION.

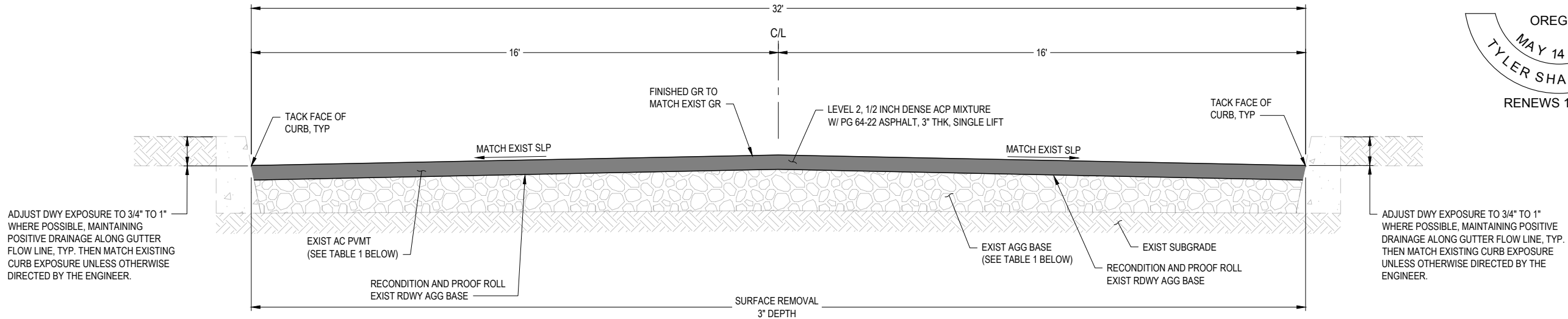
LEGEND

	WORK ZONE
	TEMPORARY TRAFFIC CONTROL SIGN
	TEMPORARY TYPE 3 BARRICADE
	FLAGGER

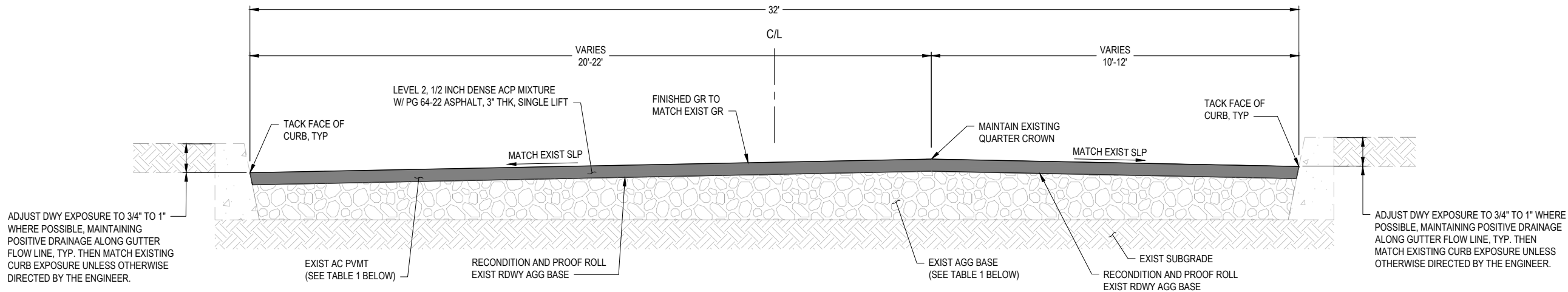


ROAD CLOSURE PLAN	
BEAVERCREEK WOODS PAVING PROJECT	
CLACKAMAS COUNTY DEPT. OF TRANSPORTATION AND DEVELOPMENT 150 BEAVERCREEK ROAD OREGON CITY, OR 97045	
DIRECTOR DAN JOHNSON	
DESIGNED BY: ARC	CHECKED BY: TSN
DRAFTED BY: WDH	
NO. DATE:	
Sheet No. TC-03	
PROJECT NO.: CI-3-26502 DATE: MARCH 2026	

(SEE SHEET C-03 THROUGH C-10 FOR LOCATIONS OF VARIATIONS TO SECTION WIDTHS AND DIMENSIONS)



SCALE: NTS



SCALE: NTS

1. PRIOR TO CONSTRUCTION SCHEDULE PRE-PAVE WALK THROUGH WITH COUNTY.
2. SURFACE REMOVAL OF EXISTING ACP TO THE DEPTH SHOWN MAY RESULT IN FULL REMOVAL OF THE EXISTING ACP AND MAY INCLUDE AGGREGATE BASE. CONTRACTOR SHALL RECONDITION EXISTING AGGREGATE BASE AND GRADE AGGREGATE BASE TO MATCH SLOPES AS DESCRIBED IN TYP SECTION TO ALLOW FOR 3" ACP AT SPECIFIED GRADES. SURFACE AND CONSTRUCT ASPHALT CONCRETE PAVING REPAIR AS DIRECTED PRIOR TO PAVING. SEE PAVING DETAILS ON SHEET C-02
3. FOLLOWING INITIAL PAVEMENT REMOVAL OPERATIONS, THE INSPECTOR MAY DIRECT ADDITIONAL RESTORATIONS AS NECESSARY TO ADDRESS EXISTING PAVEMENT DEFICIENCIES. WORK MAY INCLUDE ASPHALT CONCRETE PAVEMENT REPAIR, OR SUBGRADE STABILIZATION. SEE DETAILS 1 AND 2 ON SHEET C-02.
4. GRADE ASPHALT AND BASE SECTION TO MAINTAIN POSITIVE DRAINAGE OR CREATE POSITIVE DRAINAGE AS NEEDED OR DIRECTED.
5. FIELD VERIFY PAVEMENT CONDITION WITH ENGINEER AFTER SURFACE REMOVAL. CONSTRUCT ADDITIONAL PAVEMENT RESTORATIONS AS DIRECTED PRIOR TO PAVING. SEE SURFACING REMOVAL, GRADING AND PAVING NOTES, SHEET G-02. FOR DETAILS.

STREET NAME	PAVEMENT CORE NO.	STREET WIDTH	EXISTING ASPHALT DEPTH (AS CORED)	EXISTING AGGREGATE BASE DEPTH (AS CORED)	PAVEMENT CORE STATION
S DANS AVE	BVR-1	32	1.75	7.25	A6+50
S DANS AVE	BVR-2	32	2	7	A12+25
S DALES AVE	BVR-3	32	2	7	B6+50
S MARILYNS AVE	BVR-4	32	2	7	D3+00
S MARILYNS AVE	BVR-5	32	1.75	6.25	D5+50
S DALES AVE	BVR-6	32	2	6	C4+50
S DALES AVE	BVR-7	32	2	6	E3+00
S LESLIE AVE	BVR-8	32	2	6	F3+25
S LESLIE AVE	BVR-9	32	2.25	2.75	F10+50
S LESLIE AVE	BVR-10	32	2.5	6	F16+00



DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



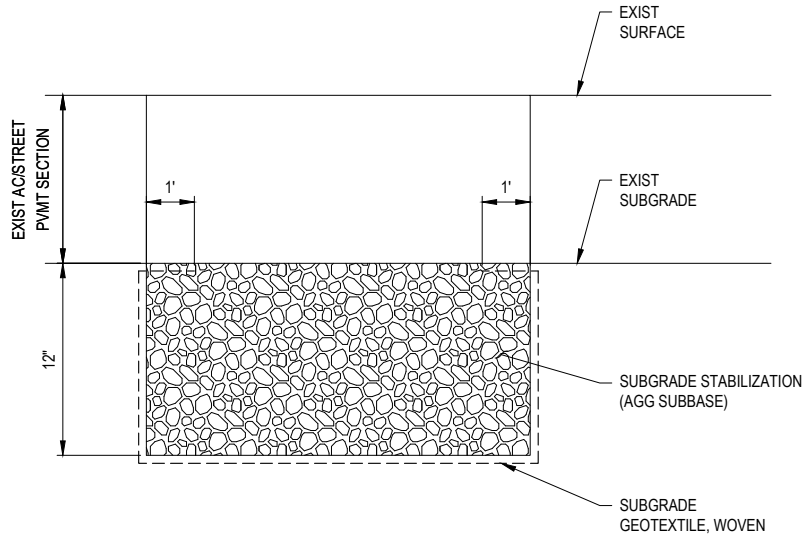
DAN JOHNSON

CHECKED BY:
TSN

NO.	DATE:
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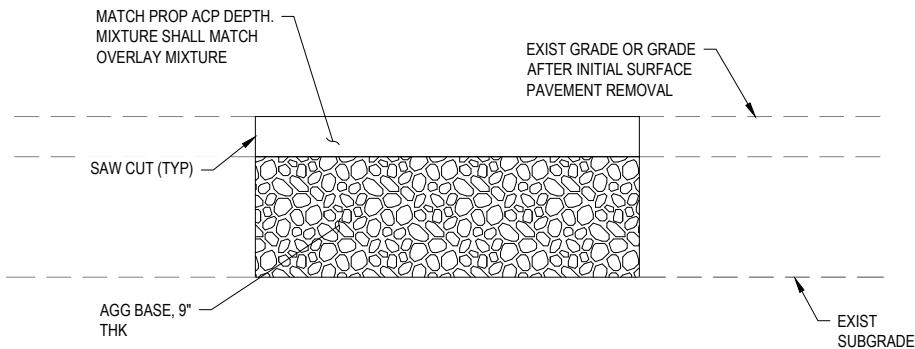
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C-01



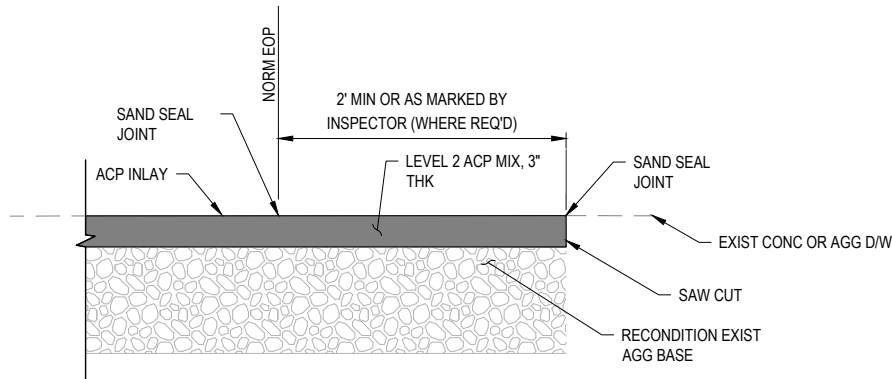
- NOTES:
1. LOCATION AS DIRECTED BY THE ENGINEER.
 2. TO BE USED WHEN PREVIOUS PAVEMENT ACTIVITIES REVEAL POOR SUBGRADE CONDITIONS OR AS DIRECTED BY THE ENGINEER.

1 12-INCH SUBGRADE STABILIZATION
SCALE: NTS



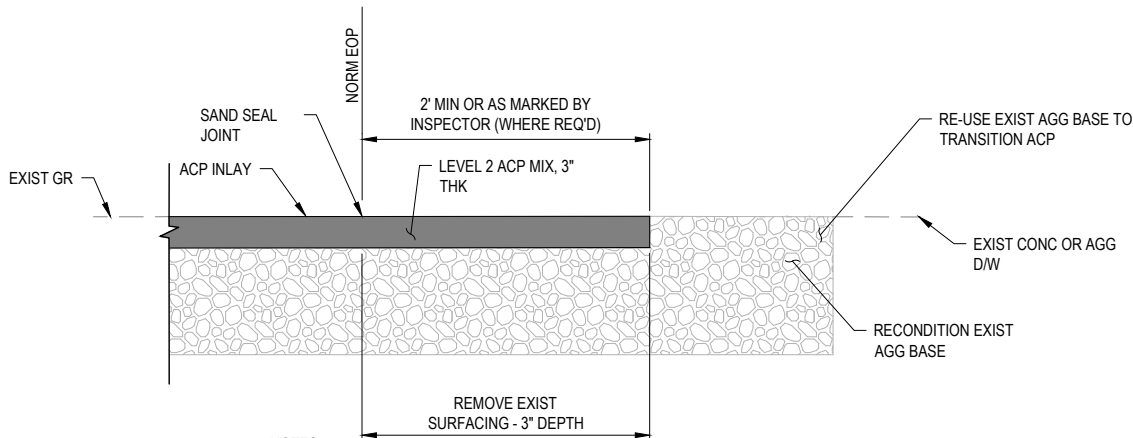
- NOTES:
1. LOCATION AS DIRECTED BY THE ENGINEER.
 2. LOCATIONS MAY REQUIRE SUBGRADE STABILIZATION IF SOFT AT DEPTH.

2 9" ACP REPAIR
SCALE: NTS



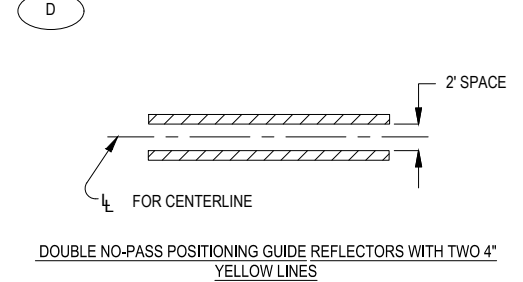
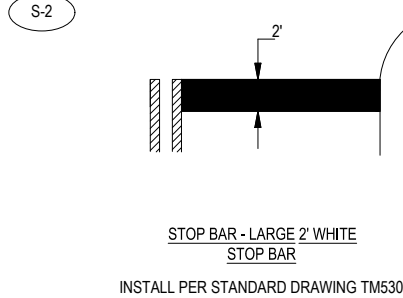
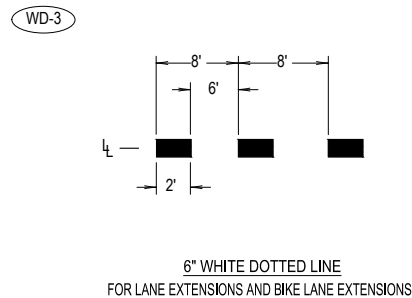
- NOTES:
1. FOR DETAILS NOT SHOWN, SEE COUNTY DWG NO. D500

3 ASPHALT DRIVEWAY APPROACH
SCALE: NTS



- NOTES:
1. FOR DETAILS NOT SHOWN, SEE COUNTY DWG NO. D500

4 ASPHALT DRIVEWAY WITH AGGREGATE APPROACH
SCALE: NTS



5 STRIPING DETAILS
SCALE: NTS



PAVING DETAILS

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY: ARC
DRAFTED BY: WDH
CHECKED BY: TSN

REVISIONS

NO. DATE:

Sheet No.

C-02





LEGEND

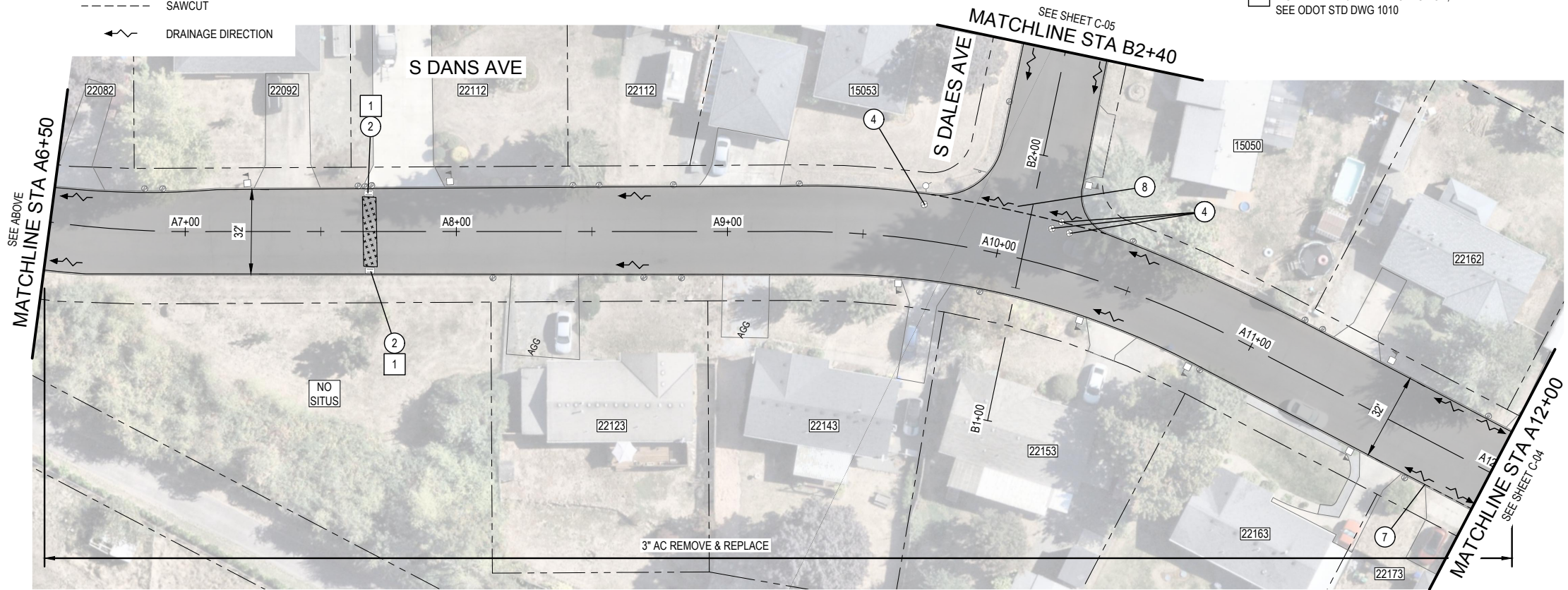
- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
- APPROXIMATE PAVEMENT RESTORATION AREA
- SAWCUT
- DRAINAGE DIRECTION
- ASPHALT DRIVEWAY APPROACH

PLAN
SCALE: 1" = 50'



EROSION CONTROL NOTES:

1. INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010



PLAN
SCALE: 1" = 50'



CONSTRUCTION NOTES:

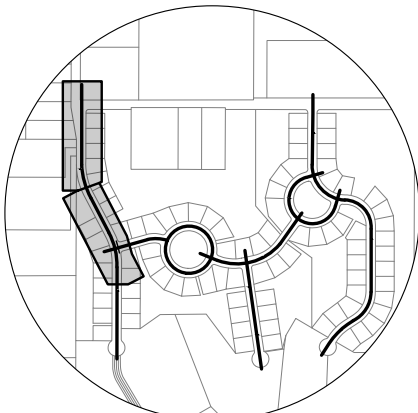
1. FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
2. FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
3. PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

PAVEMENT MARKING NOTES:

1. INSTALL NEW PAVEMENT MARKING AS CALLED OUT WITH (C) PER ODOT STD DWGS & SHT C-02.
2. RECORD EXISTING PAVEMENT MARKINGS AND REPLACE MARKINGS UNLESS OTHERWISE SHOWN OR DIRECTED BY THE ENGINEER, CONTRACTOR SHALL COORDINATE LAYOUT WITH INSPECTOR PRIOR TO PLACEMENT.

CONSTRUCTION KEY NOTES:

1. MAINTAIN AND PROTECT EXIST MANHOLE
2. MAINTAIN AND PROTECT EXIST CATCH BASIN
3. CONSTRUCT AC DRIVEWAY APPROACH SEE DET 4 SHEET C-02
4. ADJUST EXISTING WATER/GAS VALVE BOX TO MATCH FINISHED GRADE (COORD WITH UTILITY)
7. SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY
8. GRADE ASPHALT TO MAINTAIN POSITIVE DRAINAGE
9. CONSTRUCT AC DRIVEWAY APPROACH SEE DET 3 SHEET C-02



KEY MAP



PAVING PLAN AND NOTES

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:
ARC

DRAFTED BY:
WDH

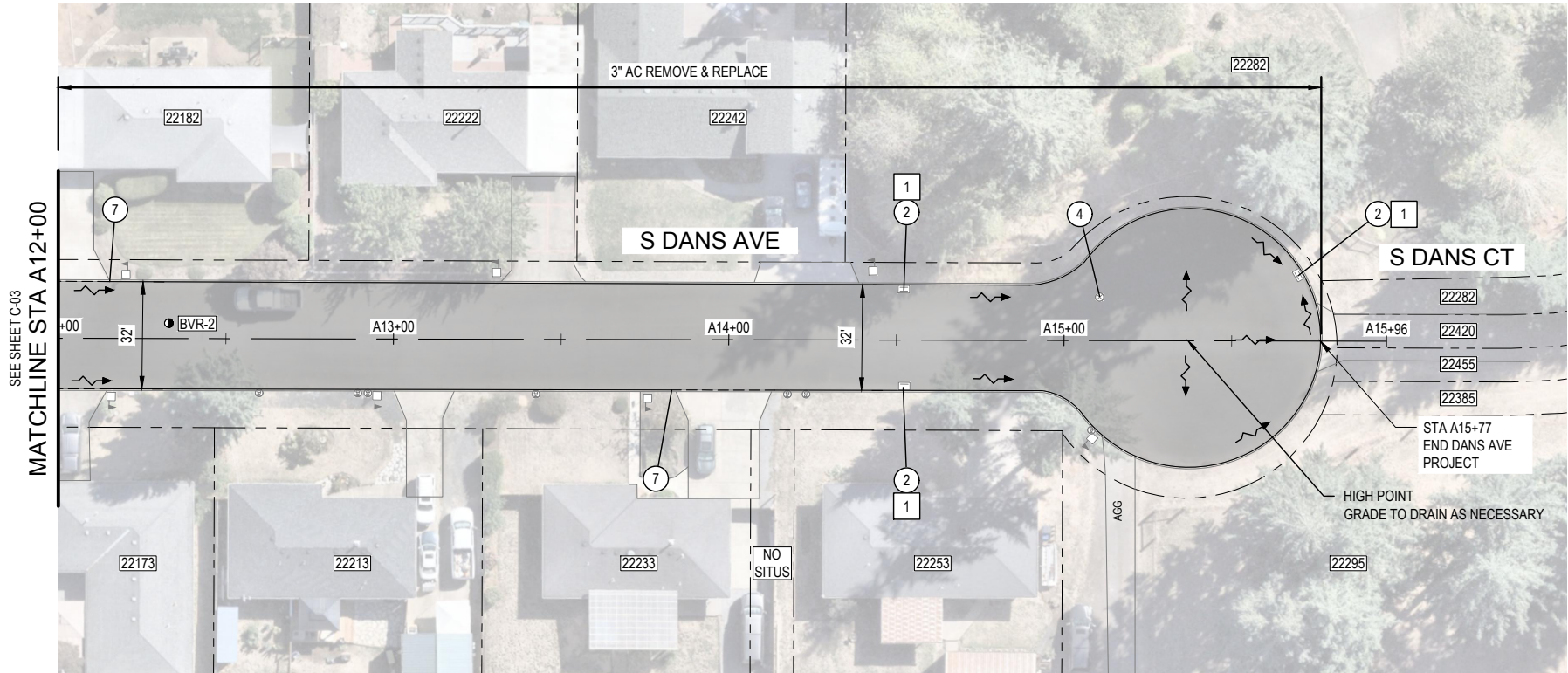
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TSN

REVISIONS

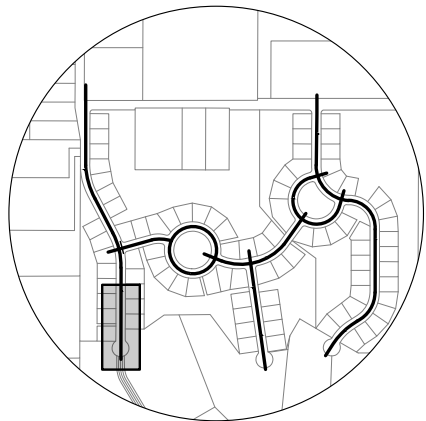
NO. DATE:

Sheet No.

C-03



PLAN
SCALE: 1" = 50'



KEY MAP



CONSTRUCTION NOTES:

1. FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
2. FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
3. PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

CONSTRUCTION KEY NOTES:

- 2 MAINTAIN AND PROTECT EXIST CATCH BASIN
- 4 ADJUST EXISTING WATER/GAS VALVE BOX TO MATCH FINISHED GRADE (COORD WITH UTILITY)
- 7 SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY

EROSION CONTROL NOTES:

- 1 INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010

LEGEND

- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
- SAWCUT
- DRAINAGE DIRECTION



PAVING PLAN AND NOTES

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:
ARC

DRAFTED BY:
WDH

CHECKED BY:
TSN

REVISIONS

NO.	DATE:	

Sheet No.

C-04

PROJECT NO.: CI-3-26502

DATE: MARCH 2026

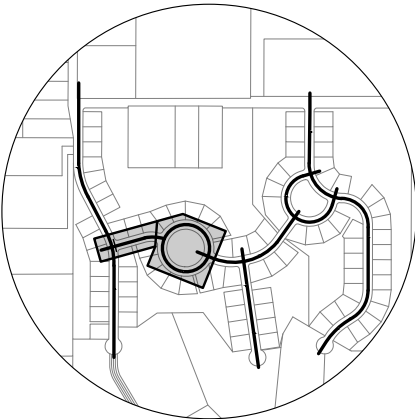


- CONSTRUCTION NOTES:
- FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
 - FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
 - PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

- CONSTRUCTION KEY NOTES:
- 2 MAINTAIN AND PROTECT EXIST CATCH BASIN
 - 4 ADJUST EXISTING WATER/GAS VALVE BOX TO MATCH FINISHED GRADE (COORD WITH UTILITY)
 - 7 SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY
 - 11 PROTECT EXISTING TREE ROOTS (COORD WITH COUNTY ARBORIST)

- EROSION CONTROL NOTES:
- 1 INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010

- LEGEND
- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
 - SAWCUT
 - DRAINAGE DIRECTION



KEY MAP



PAVING PLAN AND NOTES

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY
DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DESIGNED BY: ARC
DRAFTED BY: WDH
CHECKED BY: TSN

REVISIONS

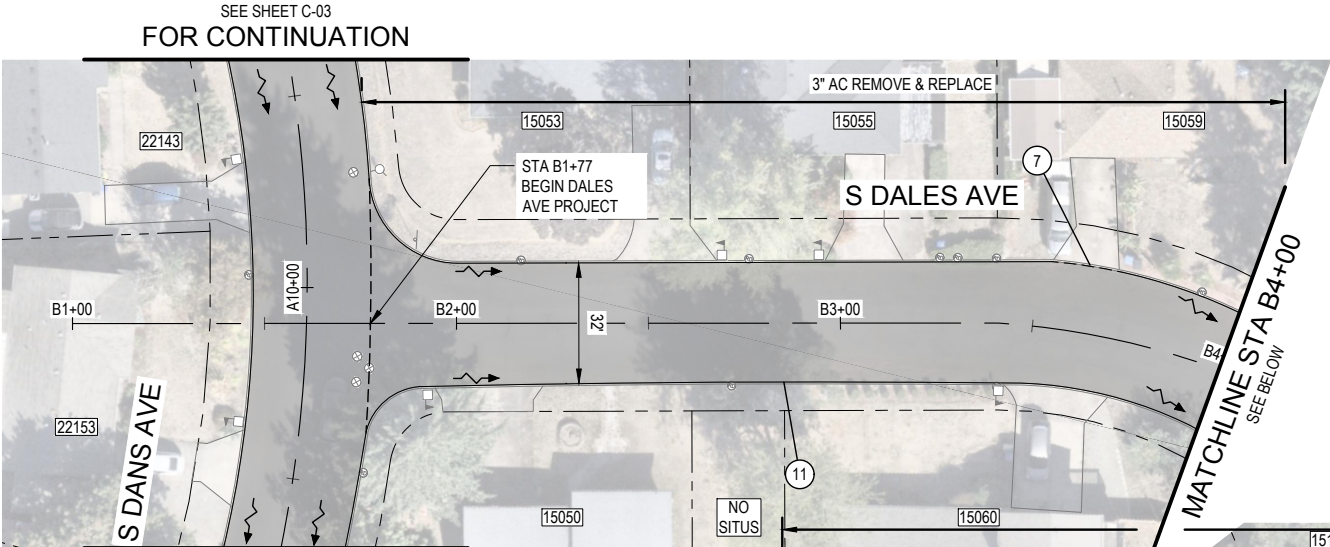
NO.	DATE:

Sheet No.
C-05

DIRECTOR

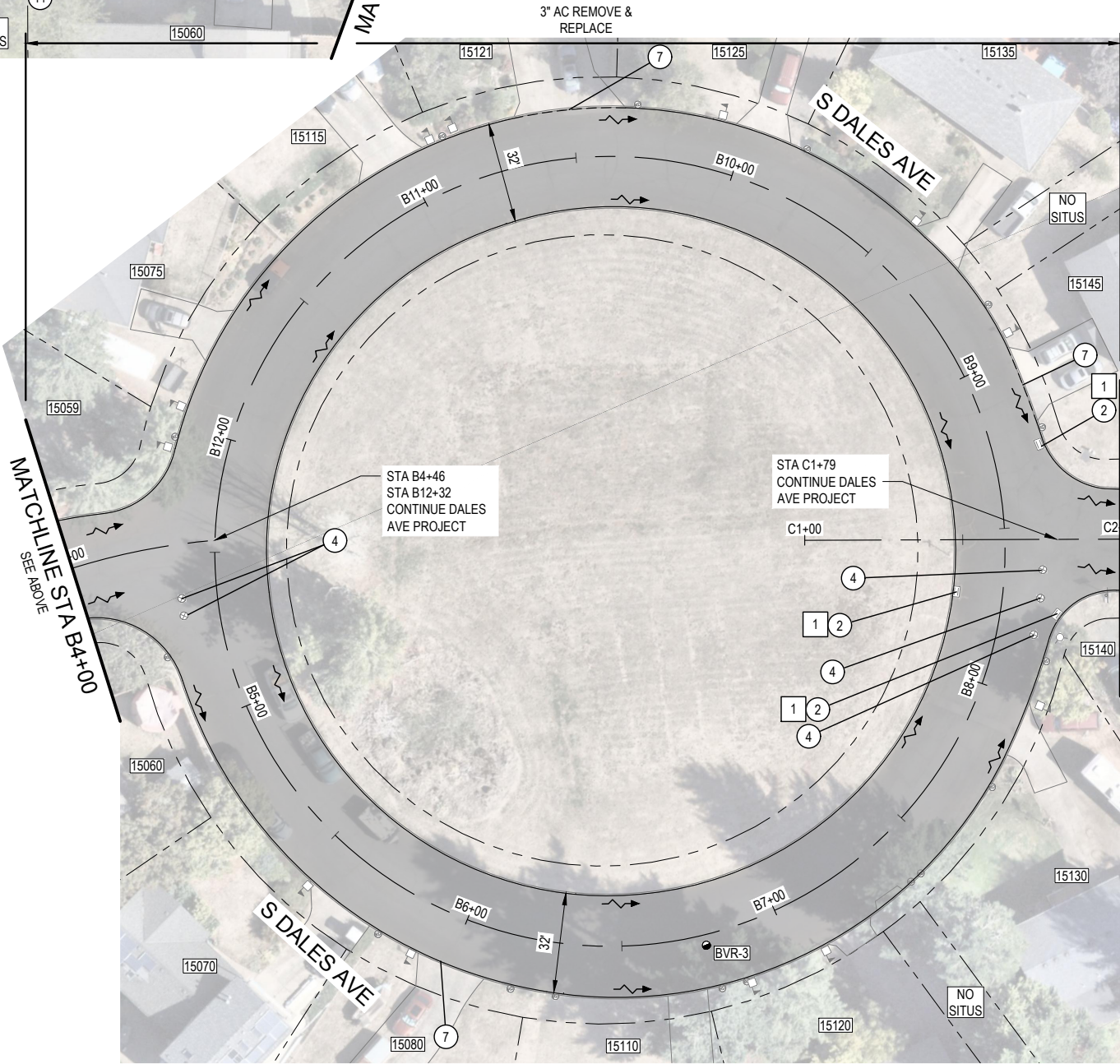
DAN JOHNSON

DATE: MARCH 2026
PROJECT NO.: CI-3-26502



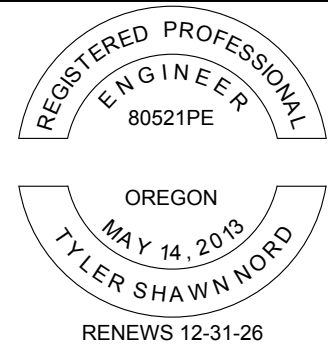
MATCHLINE STA A10+70
SEE SHEET C-03

PLAN
SCALE: 1" = 50'



PLAN
SCALE: 1" = 50'



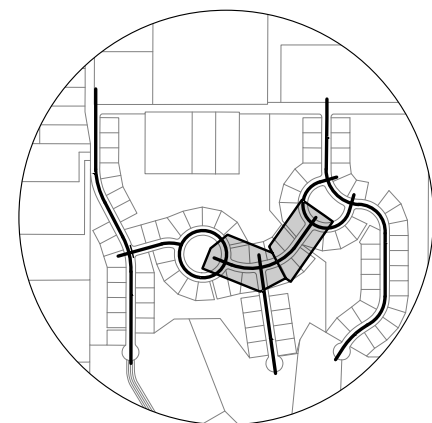


- CONSTRUCTION NOTES:
- FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
 - FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
 - PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

- CONSTRUCTION KEY NOTES:
- MAINTAIN AND PROTECT EXIST MANHOLE
 - MAINTAIN AND PROTECT EXIST CATCH BASIN
 - ADJUST EXISTING WATER/GAS VALVE BOX TO MATCH FINISHED GRADE (COORD WITH UTILITY)
 - MAINTAIN EXIST OFFSET CROWN. SEE TYP SECTION ON SHT C-01
 - SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY

- EROSION CONTROL NOTES:
- INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010

- LEGEND
- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
 - SAWCUT
 - DRAINAGE DIRECTION



KEY MAP



PAVING PLAN AND NOTES

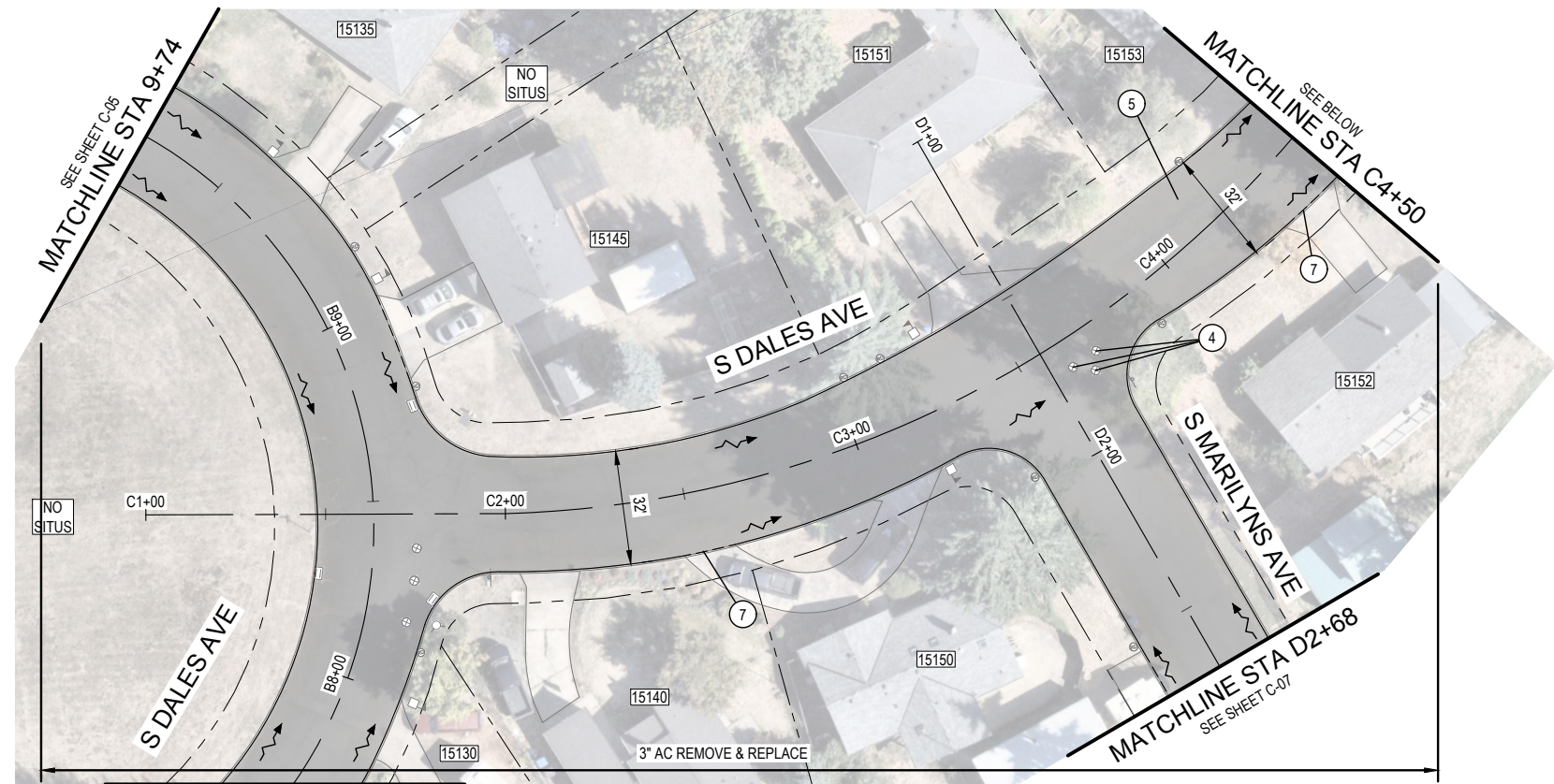
BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY
DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045

DIRECTOR
DAN JOHNSON

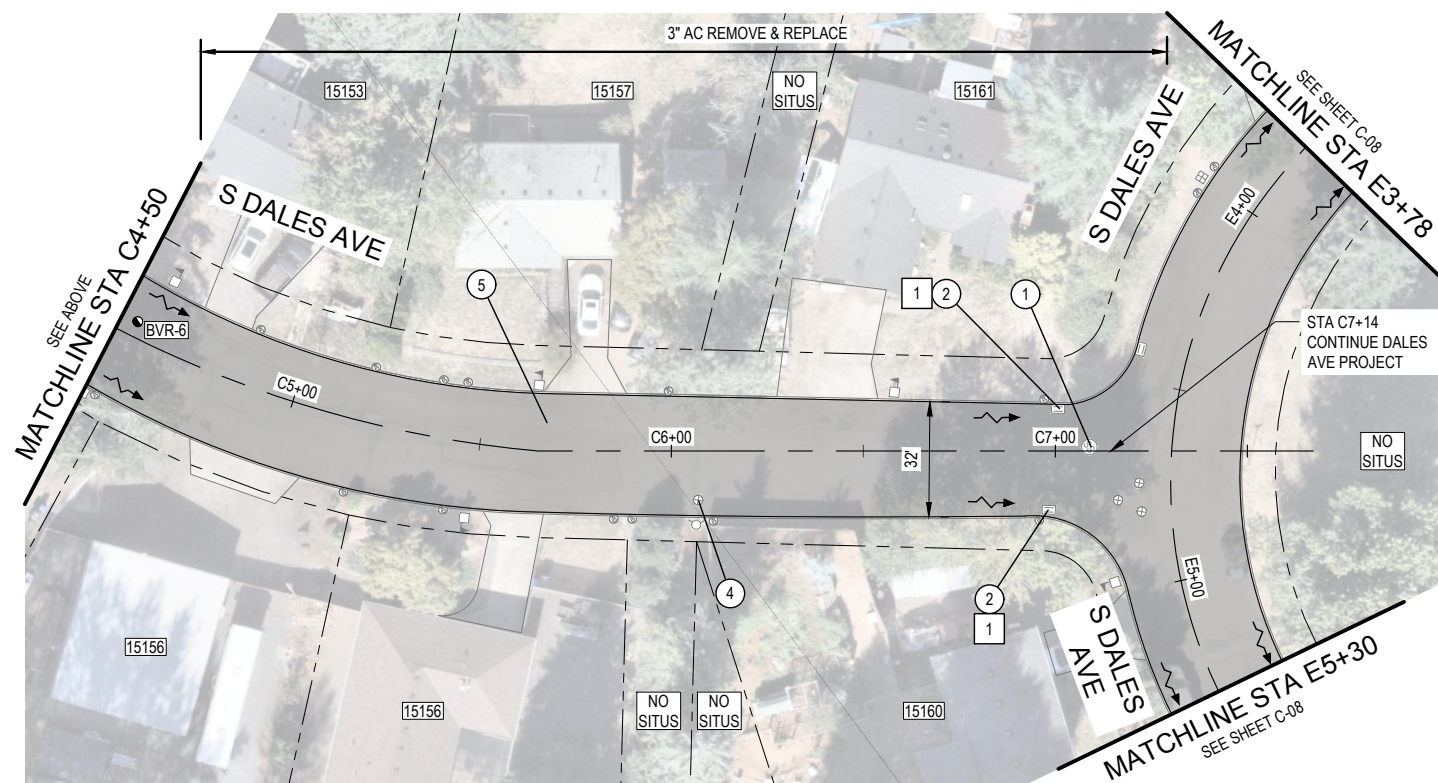
DESIGNED BY: _____		DRAFTED BY: _____		CHECKED BY: _____	
ARC		WDH		TSN	
REVISIONS					
NO.	DATE:				

Sheet No. C-06



MATCHLINE STA C7+68
SEE SHEET C-05

PLAN
SCALE: 1" = 50'



PLAN
SCALE: 1" = 50'



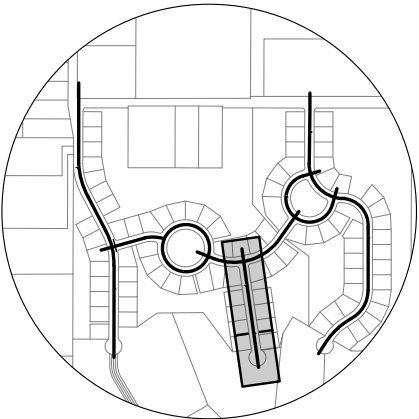


- CONSTRUCTION NOTES:
- FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
 - FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
 - PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

- CONSTRUCTION KEY NOTES:
- 2 MAINTAIN AND PROTECT EXIST CATCH BASIN
 - 4 ADJUST EXISTING WATER/GAS VALVE BOX TO MATCH FINISHED GRADE (COORD WITH UTILITY)
 - 7 SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY

- EROSION CONTROL NOTES:
- 1 INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010

- LEGEND
- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
 - SAWCUT
 - DRAINAGE DIRECTION



KEY MAP



PAVING PLAN AND NOTES

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY: ARC
DRAFTED BY: WDH
CHECKED BY: TSN

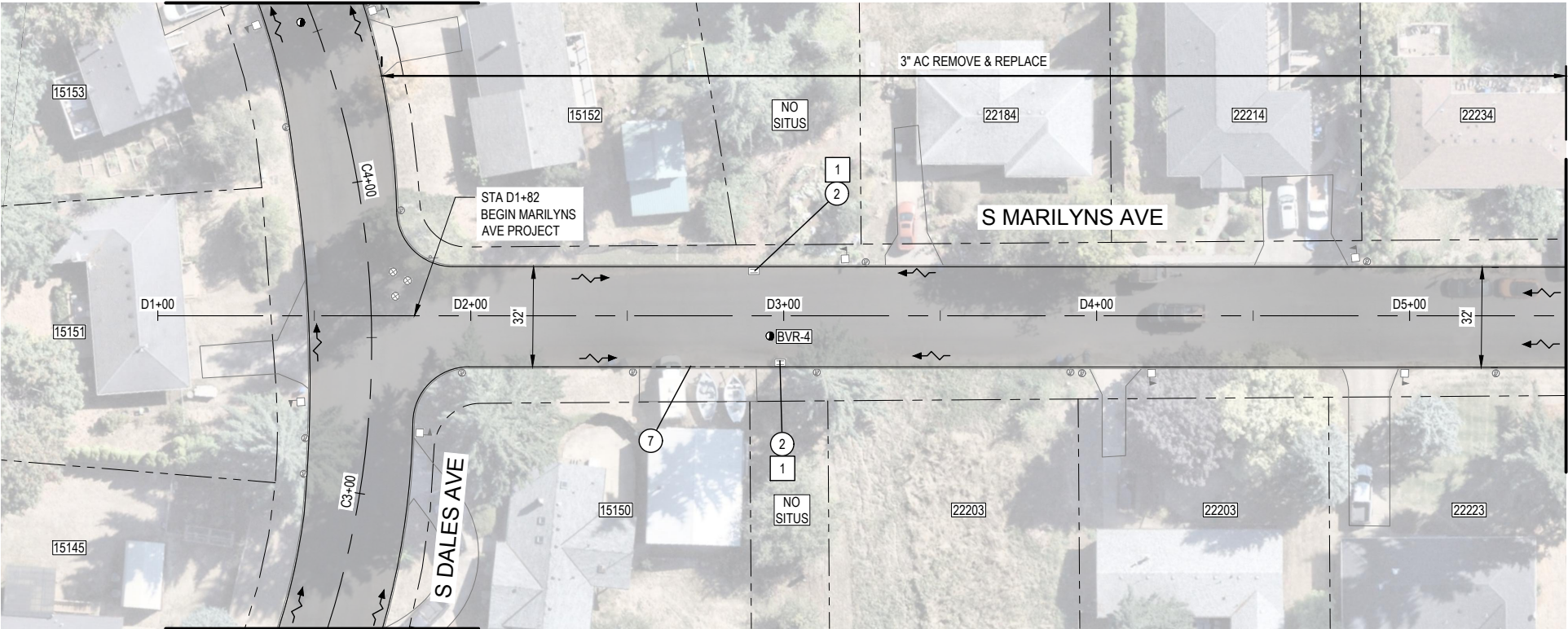
REVISIONS

NO.	DATE:

Sheet No.
C-07

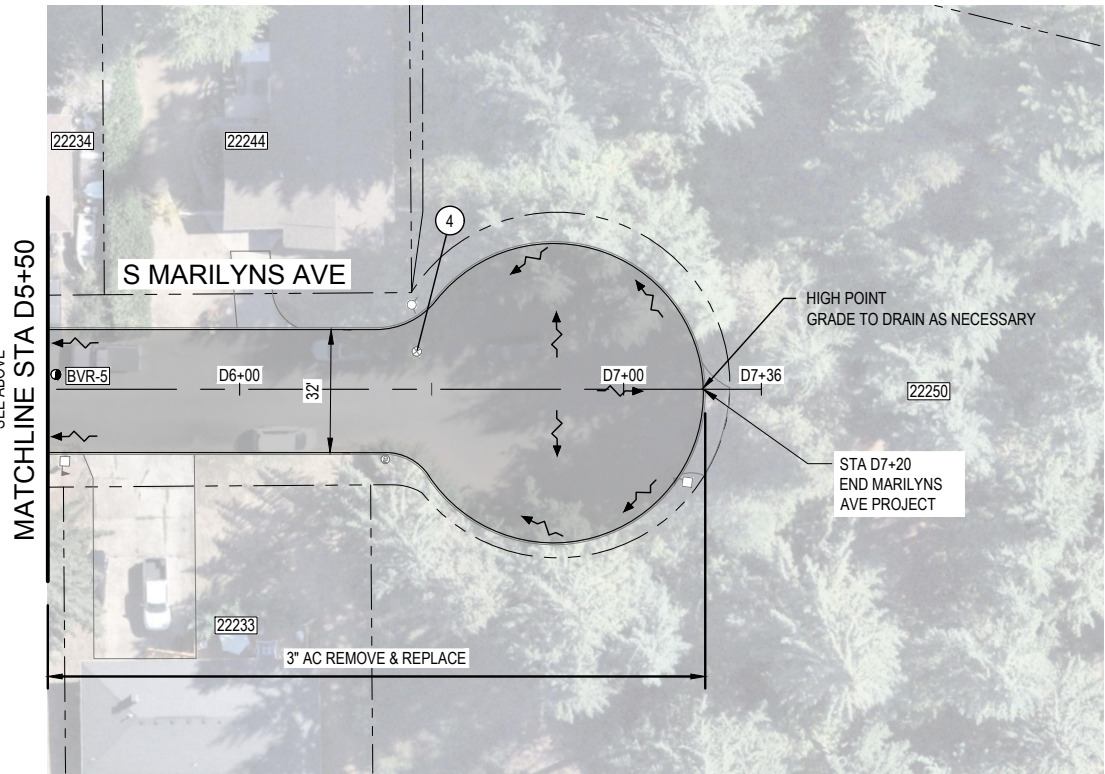
PROJECT NO.: 01-3-26502
DATE: MARCH 2026

SEE SHEET C-06
MATCHLINE STA C4+58



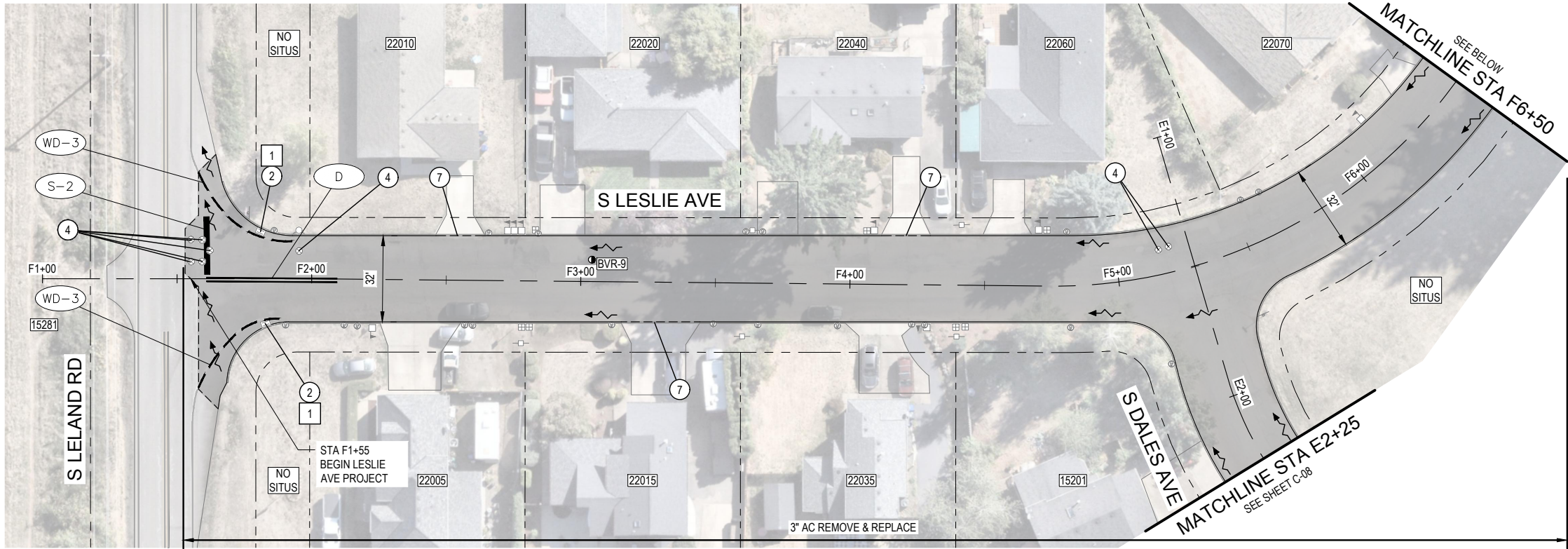
MATCHLINE STA C2+56
SEE SHEET C-06

PLAN
SCALE: 1" = 50'



PLAN
SCALE: 1" = 50'



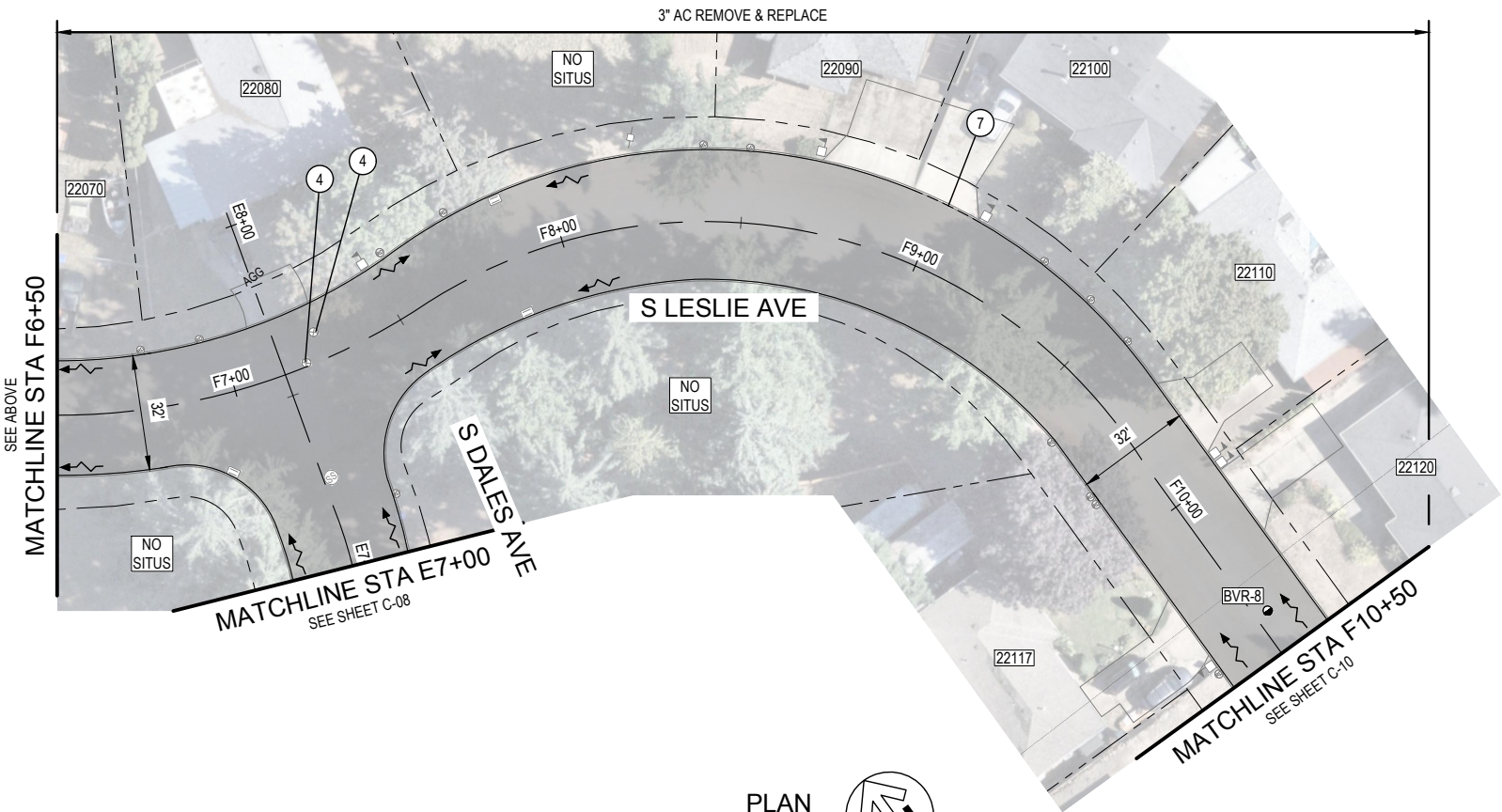


PLAN
SCALE: 1" = 50'



LEGEND

- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
- SAWCUT
- DRAINAGE DIRECTION



PLAN
SCALE: 1" = 50'



CONSTRUCTION NOTES:

- FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
- FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
- PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

PAVEMENT MARKING NOTES:

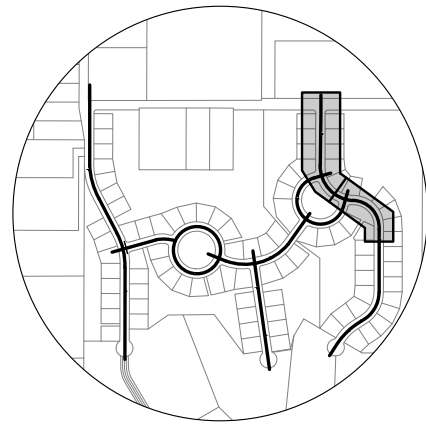
- INSTALL NEW PAVEMENT MARKING AS CALLED OUT WITH (S) PER ODOT STD DWGS & SHT C-02.
- RECORD EXISTING PAVEMENT MARKINGS AND REPLACE MARKINGS UNLESS OTHERWISE SHOWN OR DIRECTED BY THE ENGINEER, CONTRACTOR SHALL COORDINATE LAYOUT WITH INSPECTOR PRIOR TO PLACEMENT.

CONSTRUCTION KEY NOTES:

- (2) MAINTAIN AND PROTECT EXIST CATCH BASIN
- (4) ADJUST EXIST WATER/GAS VALVE BOX (COORD WITH UTILITY)
- (7) SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY

EROSION CONTROL NOTES:

- (1) INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010



KEY MAP



PAVING PLAN AND NOTES

BEAVERCREEK WOODS
PAVING PROJECT

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:
ARC

DRAFTED BY:
WDH

CHECKED BY:
TSN

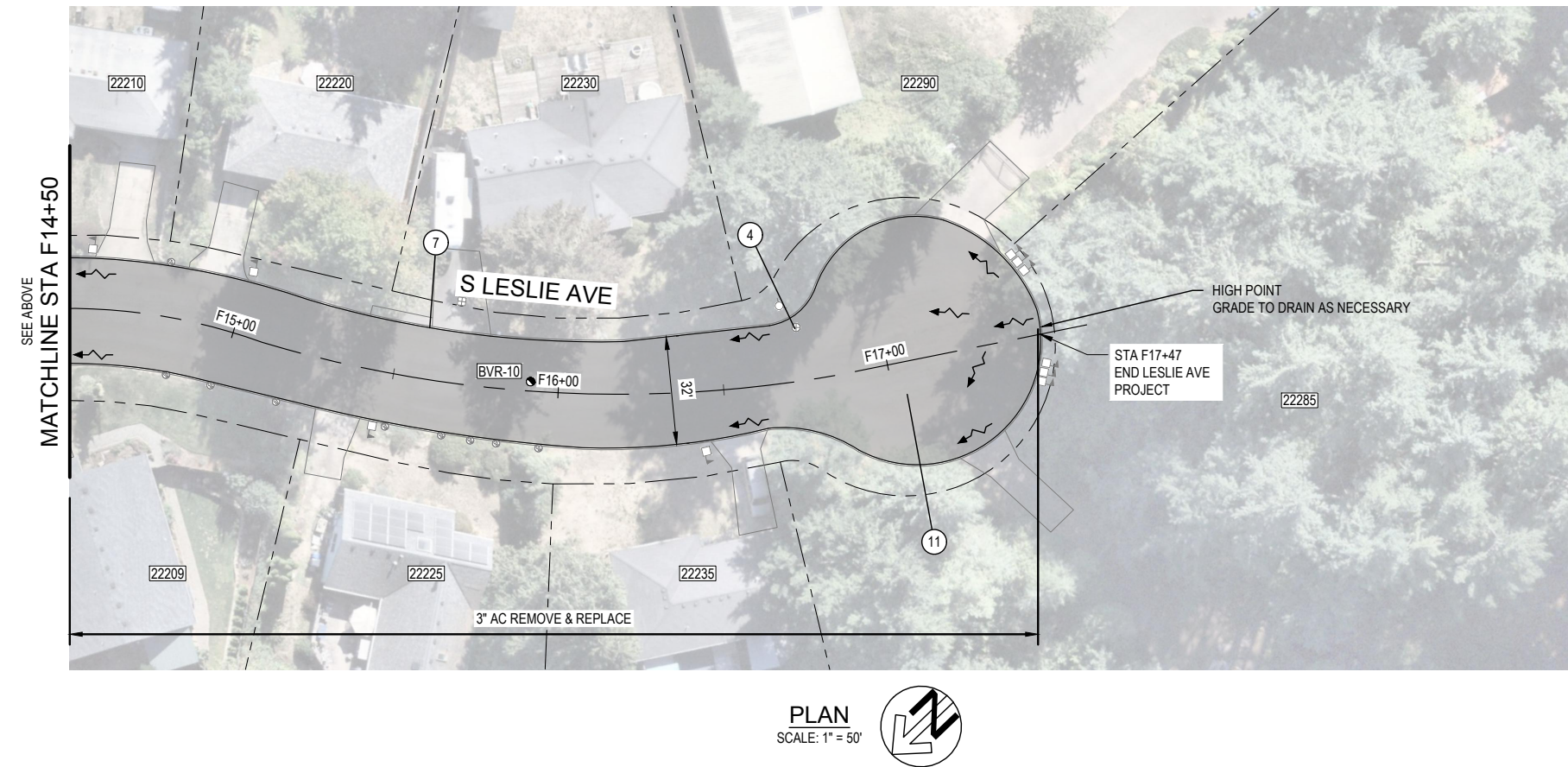
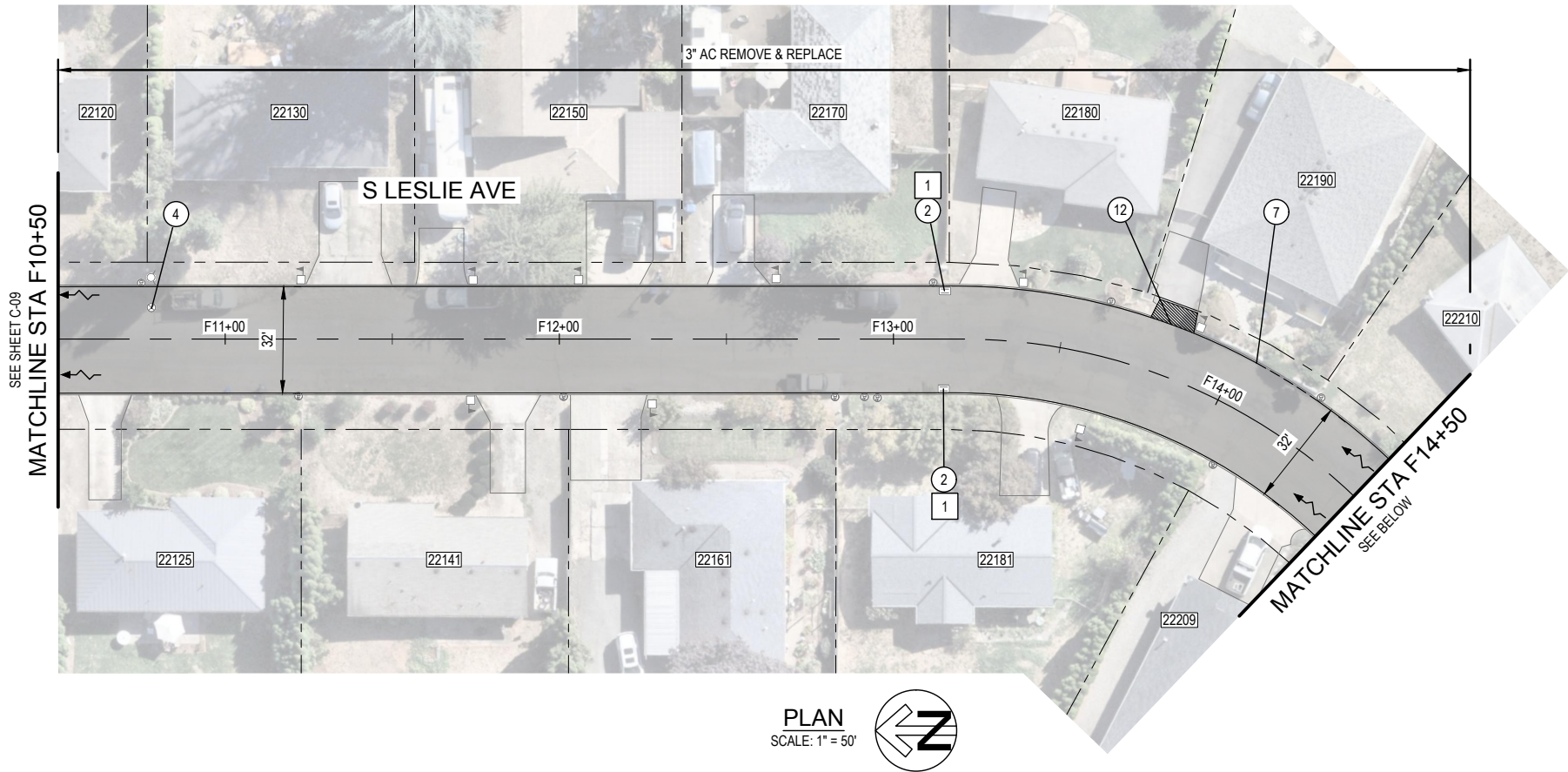
REVISIONS

NO.	DATE:			

Sheet No.

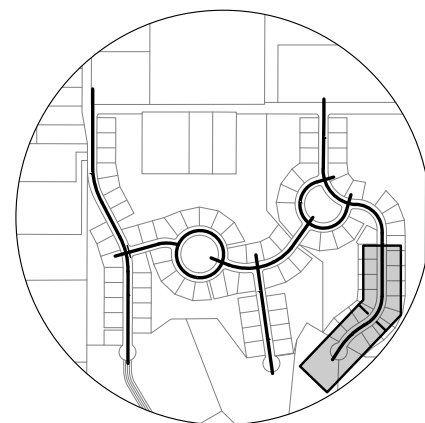
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PROJECT NO.: CI-3-26502
DATE: MARCH 2026

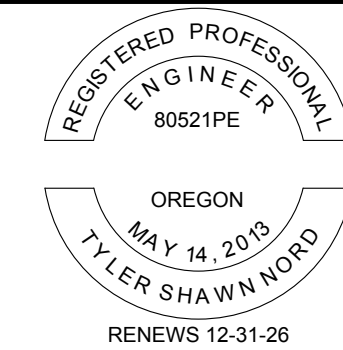


- LEGEND**
- 3" REMOVE AND REPLACE, SEE TYPICAL SECTION, SHEET C-01
 - ASPHALT DRIVEWAY APPROACH, SEE DET 3 SHT C-02
 - SAWCUT
 - DRAINAGE DIRECTION

- CONSTRUCTION NOTES:**
- FOR ROADWAY PAVING IMPROVEMENT, SEE TYPICAL SECTION SHEET C-01.
 - FOR EXISTING PAVEMENT SECTION REFER TO CORE TABLE ON SHEET C-01.
 - PROTECT EXIST SITE FEATURES OUTSIDE OF AND/OR ADJACENT TO WORK SHOWN ON DRAWINGS. ANY DAMAGE TO EXISTING SITE FEATURES WILL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
- CONSTRUCTION KEY NOTES:**
- MAINTAIN AND PROTECT EXIST CATCH BASIN
 - ADJUST EXIST WATER/GAS VALVE BOX (COORD WITH UTILITY)
 - SAWCUT REMOVE CONC OVERPOUR FROM DRIVEWAY IN ROADWAY
 - EXTEND EXISTING QUARTER CROWN INTO CUL DE SAC TO IMPROVE POSITIVE DRAINAGE
 - CONSTRUCT AC DRIVEWAY APPROACH SEE DET 3 SHT C-02. LAYOUT BY COUNTY INSPECTOR FOR GRADE MATCHLINE PRIOR TO PAVEMENT REMOVAL.
- EROSION CONTROL NOTES:**
- INSTALL TYPE 3 INLET PROTECTION, SEE ODOT STD DWG 1010



KEY MAP



CLACKAMAS COUNTY
DEPT. OF TRANSPORTATION AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045

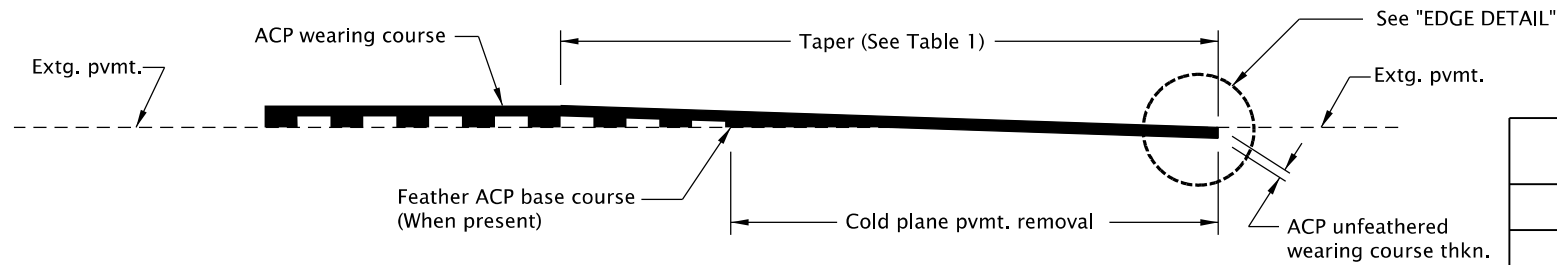
BEAVERCREEK WOODS PAVING PROJECT

DIRECTOR
DAN JOHNSON

DESIGNED BY:		DRAFTED BY:		CHECKED BY:	
ARC		WDH		TSN	
REVISIONS					
NO.	DATE:				
Sheet No.					
C-10					



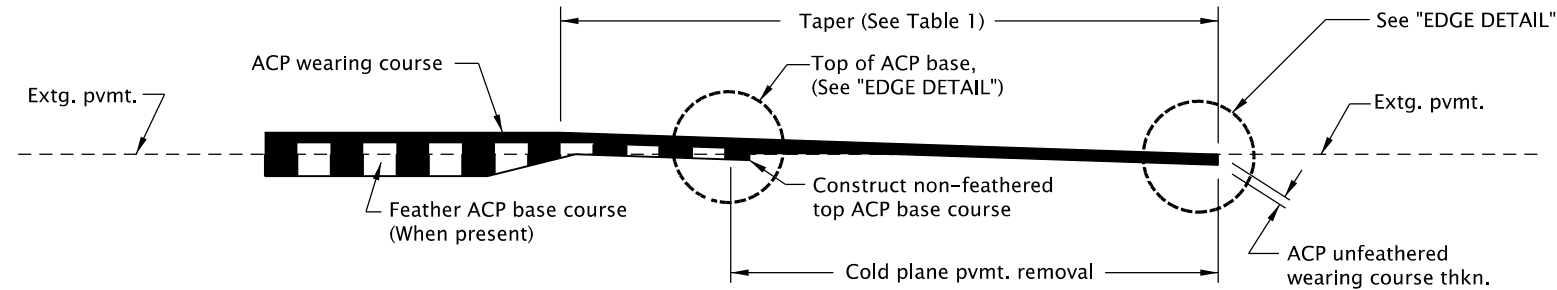
20-JUL-2020
RD610.dgn



METHOD A *

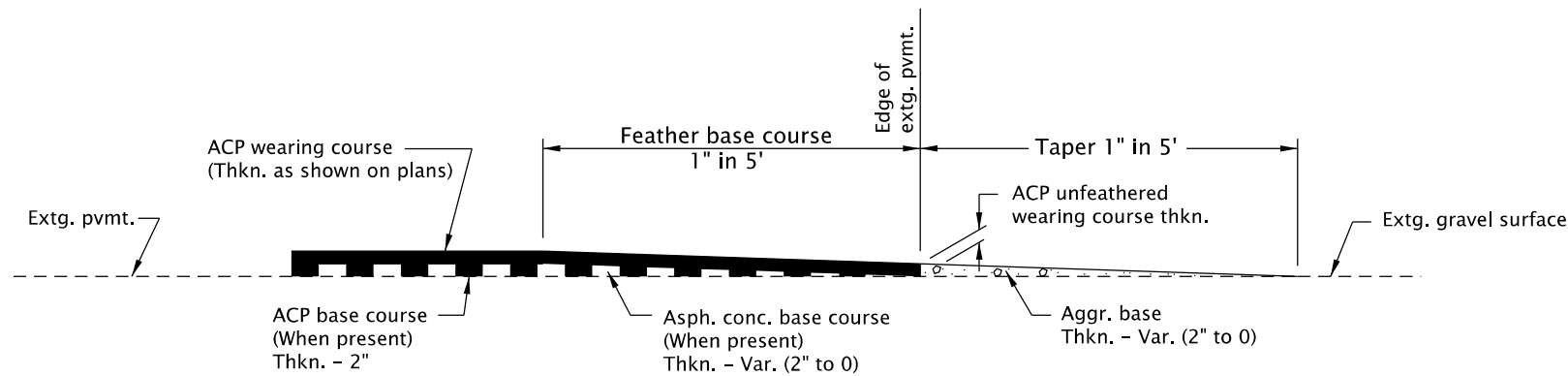
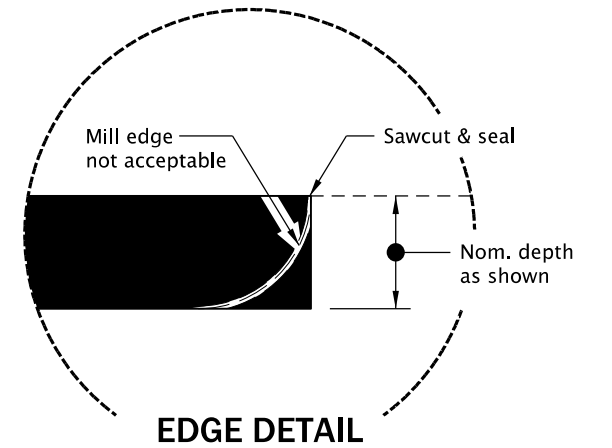
* See project plans for method.

TABLE 1	
TAPER LENGTHS	
Posted Speed	Taper Length
< 45 mph	1" per 50'
≥ 45 mph	1" per 100'

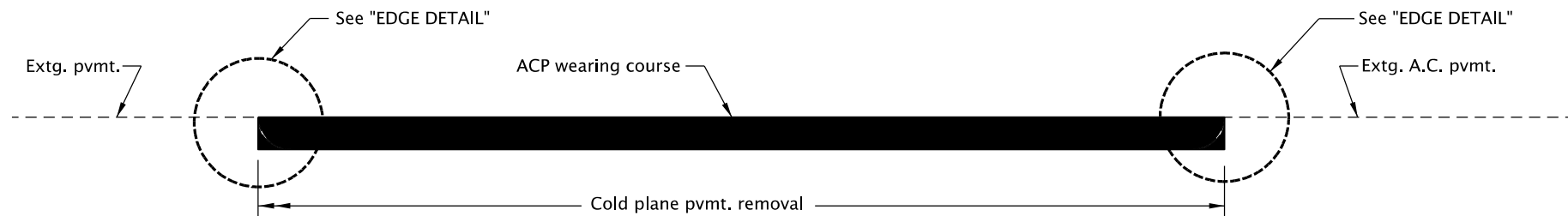


METHOD B *

ACP PAVEMENT MATCH AT PROJECT ENDS
OR BRIDGE ENDS WHEN NOT OVERLAYING THE BRIDGE



METHOD OF FEATHERING ACP PAVEMENT
AT GRAVEL APPROACHES



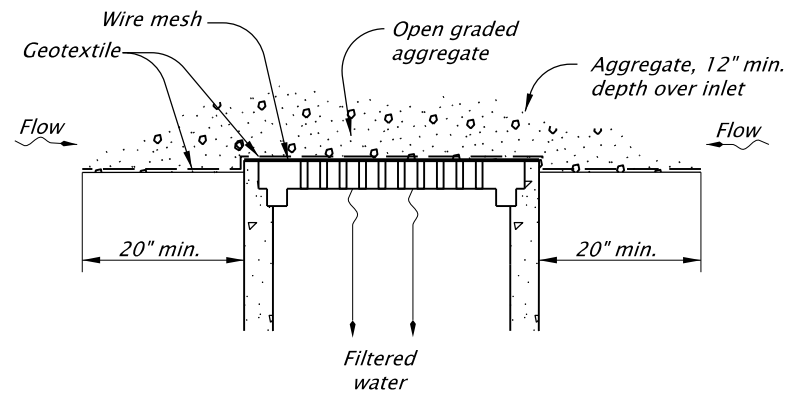
METHOD OF MATCHING EXTG. ACP INLAY SURFACING
(Inlay to extg. asphalt conc. pvmt.)

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

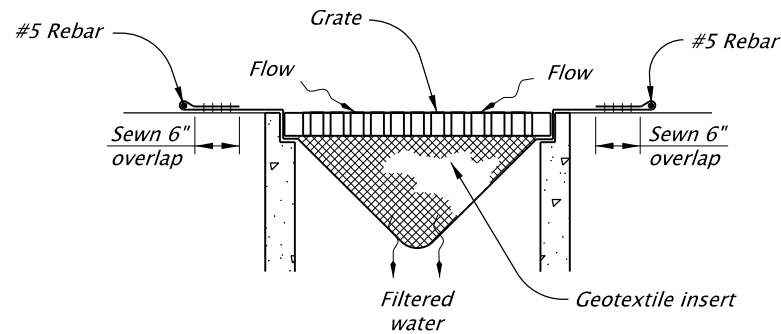
All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
ASPHALT CONCRETE PAVEMENT (ACP) DETAILS			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SDR DATE	25-JUL-2017
RD610			

Effective Date: December 1, 2025 – May 31, 2026

20-JAN-2021
RD1010.dgn

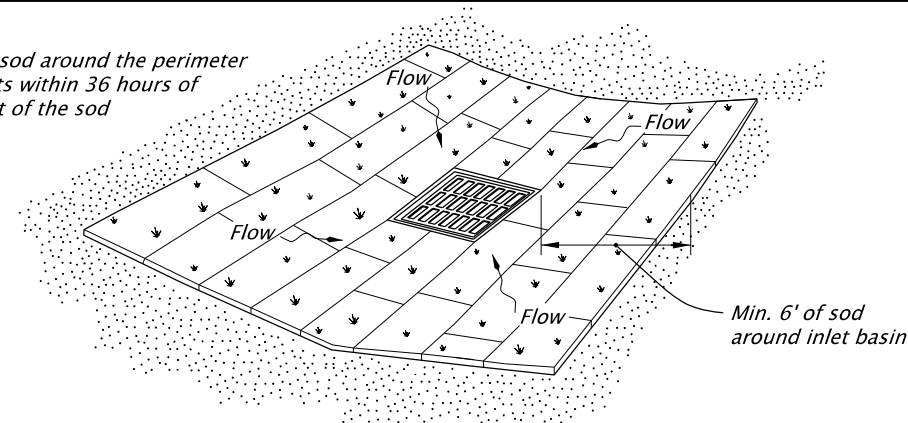


GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2
NOT TO SCALE

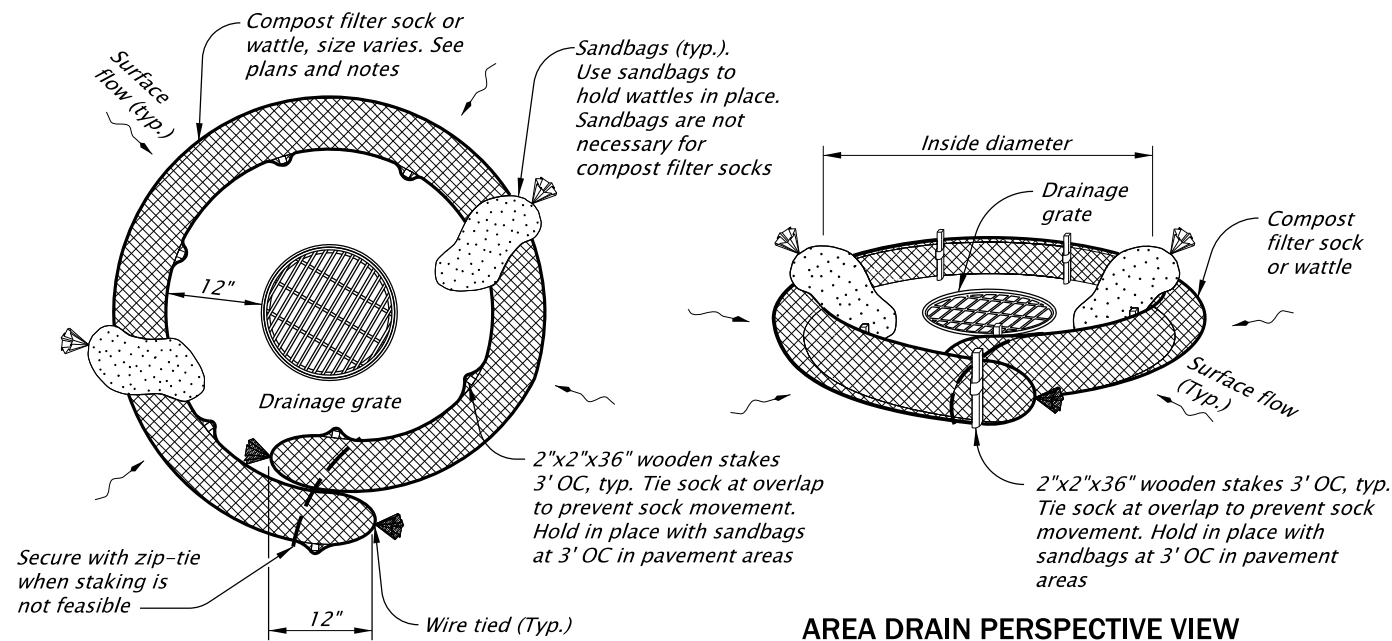


PREFABRICATED FILTER INSERT - TYPE 3
NOT TO SCALE

NOTE:
Install sod around the perimeter
of inlets within 36 hours of
harvest of the sod

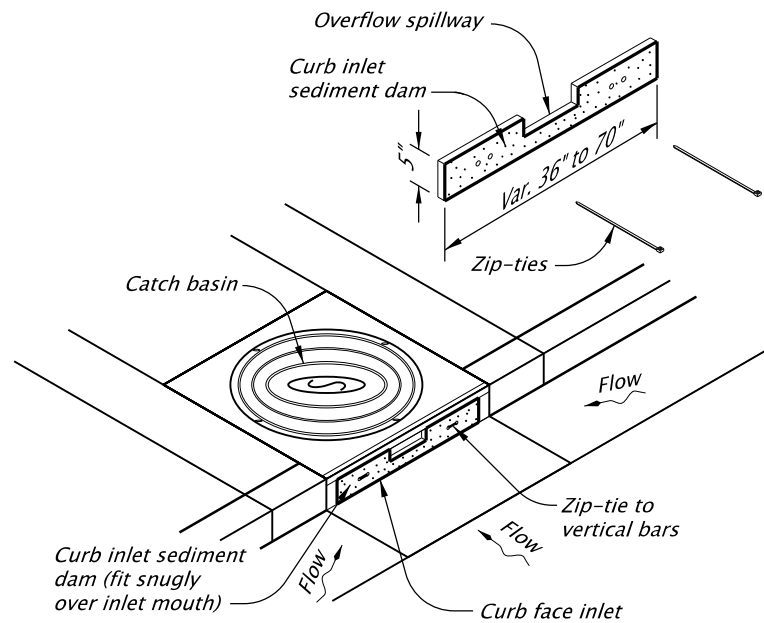


SOD PROTECTION - TYPE 6
NOT TO SCALE

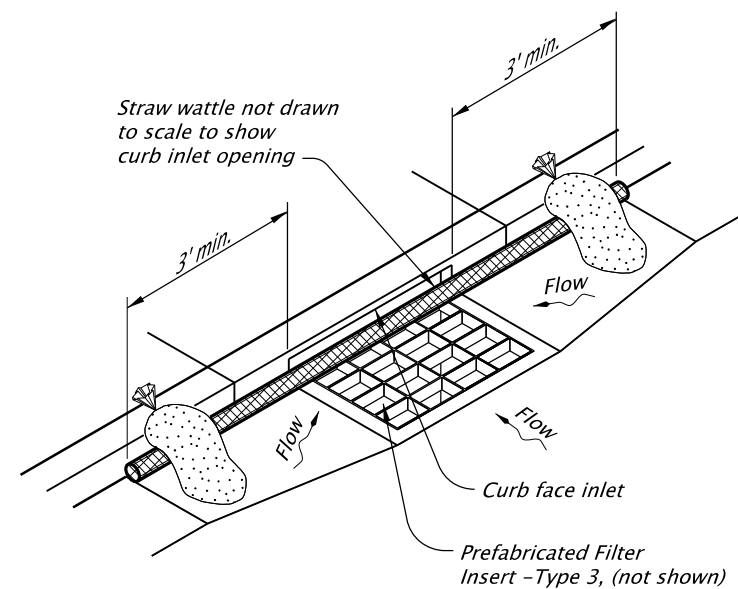


AREA DRAIN PLAN

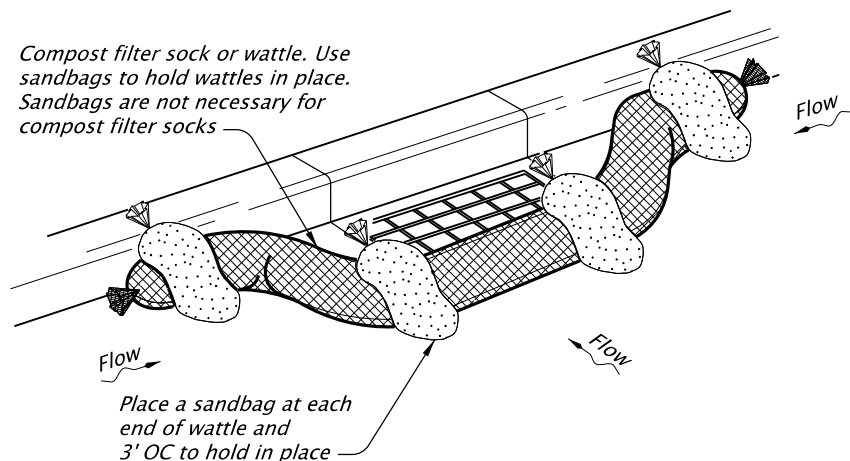
AREA DRAIN PERSPECTIVE VIEW



CURB INLET SEDIMENT DAM - TYPE 10
NOT TO SCALE



WATTLE BARRIER WITH FILTER INSERT - TYPE 11
NOT TO SCALE



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7
NOT TO SCALE

NOTES:
Type 2 - Geotextile/wire mesh/aggregate
Place the wire mesh over the grate.
Place sediment fence geotextile over the
wire mesh and perimeter area around
structure.
Install aggregate over the geotextile fabric.

Type 3 - Prefabricated filter inserts
Install prefabricated filter inserts according
to the plans, special provisions, and
manufacturer recommendations.
Prefabricated inserts with provisions for
overflow are allowed only when
accompanied by additional BMP's to
prevent the potential of sediments
entering project storm systems.
Field fabricated inserts are not allowed.

Type 7 - Compost filter sock
Drive 2"x2" wood stakes a minimum of
6" into ground and flush with the top
of the sock.
Overlap ends of sock per manufacturers
recommendations (12" min., 36" max.).
Use 8" to 12" dia sock on curbside in traffic
areas.

(Type 7 cont.)
Use 12" to 18" dia sock in non-traffic areas
or areas where the larger socks can be
used safely.
use synthetic mesh socks for temporary
installations.

Type 10 - Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet
mouth. Curb inlet sediment dam is
required for use with inlet filter insert
where at-grade inlet grate and curb inlet
are combined at a catch basin.

Type 11 - Wattle barrier with filter insert
Install prefabricated filter insert per Type 3
detail.
Install wattles over opening and 36" to each
side of opening tight against curb. Adjust
wattle to force storm water to flow through
filter insert or wattle prior to leaving the
site.
Adjust, replace or modify the inlet protection
as needed to prevent sediment laden water
from entering the catch basin.

The selection and use of this
Standard Drawing, while
designed in accordance with
generally accepted engineering
principles and practices, is the
sole responsibility of the user
and should not be used without
first consulting a Registered
Professional Engineer.

All materials shall be in accordance with
the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

**INLET PROTECTION
TYPE 2, 3, 6, 7, 10 AND 11**

2024

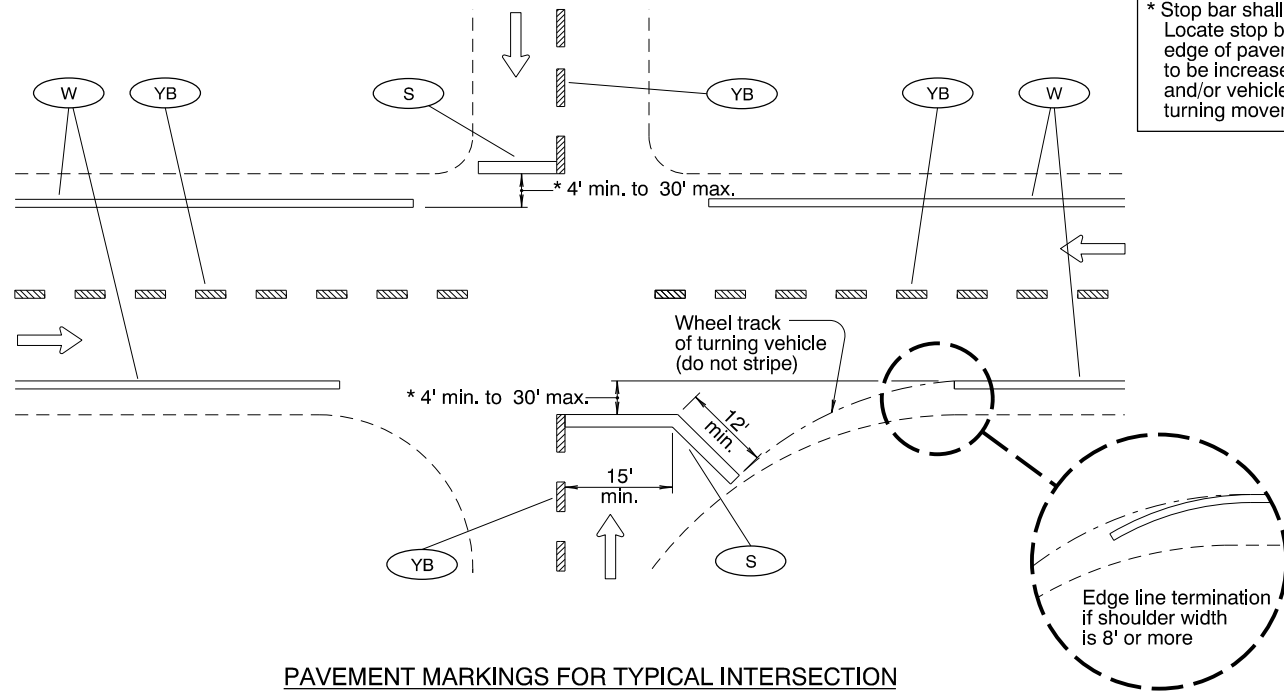
DATE	REVISION	DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS	
01-2021	MOVED NOTES UP FROM OVERLAPPING THE SHEET BORDER	

CALC. BOOK NO.	N/A	SDR DATE	20-JAN-2021	RD1010
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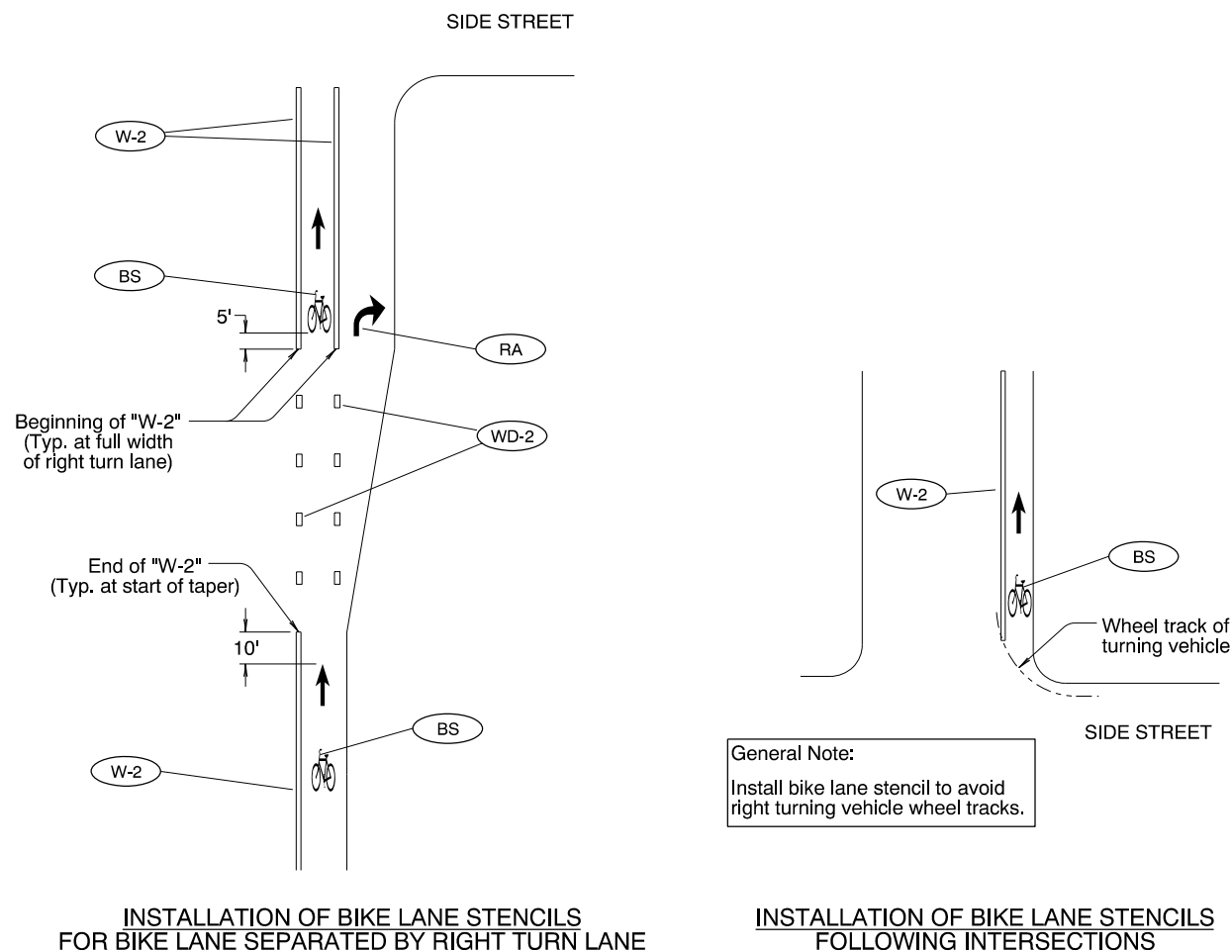
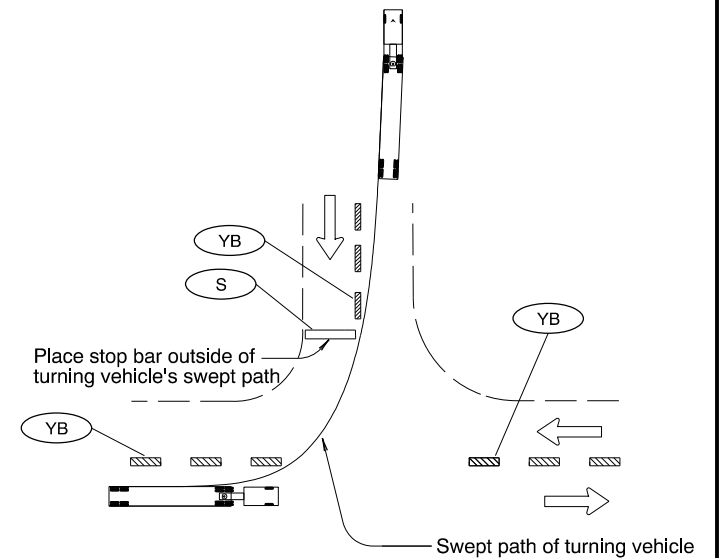
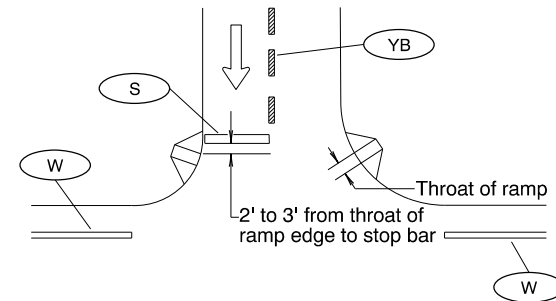
Effective Date: December 1, 2025 - May 31, 2026

11-JUL-2025

TM530.dgn

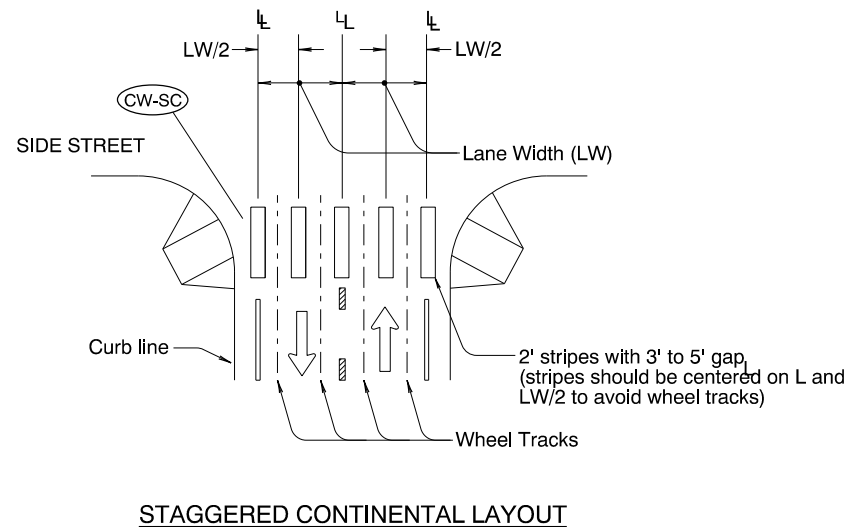


* Stop bar shall be placed as near as possible to the intersecting traveled way. Locate stop bar 4' min. to 30' max. in advance of the extended fog line, edge of pavement, or curb face. Minimum stop bar distance may need to be increased, depending on location of pedestrian ramps (see Detail "A") and/or vehicle turn radii (see Detail "B"). Field verify sight distance and truck turning movements.



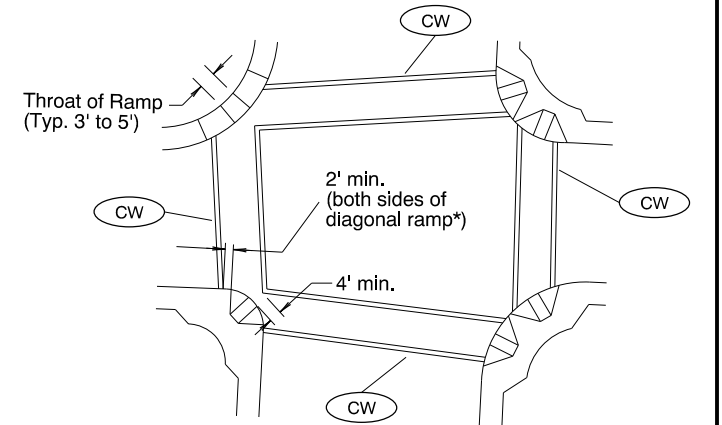
General Note:
Install bike lane stencil to avoid right turning vehicle wheel tracks.

**INSTALLATION OF BIKE LANE STENCILS
FOLLOWING INTERSECTIONS**



General Note:
1. Install crosswalk bars such that the throat of the ADA ramp is entirely within crosswalk markings, or 5' back of extended fog line, edge of pavement, or curb face.

LEGEND
← Direction of Travel
L - Lane line dimensions are shown on the striping plans



* = Refer to Std Dwg RD916

To be accompanied by Standard Dwg. Nos. TM500 thru TM504

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
INTERSECTION PAVEMENT MARKINGS (CROSSWALK, STOP BAR & BIKE LANE STENCIL)			
2024			
DATE	REVISION DESCRIPTION		
07-2022	Added Roadway Standard Drawing reference to detail for clarity		
07-2025	Edited Bike Lane Stencil image to match new MUTCD standard		
CALC. BOOK NO.	N/A	SDR DATE	11-JUL-2025
			TM530

Effective Date: December 1, 2025 – May 31, 2026

TAPER TYPES & FORMULAS	
TAPER	FORMULA
Merging (Lane Closure)	"L"
Shifting	"L"/2 or ½"L"
Shoulder Closure	"L"/3 or ⅓"L"
Flagging (See Drg. TM850)	50' – 100'
Downstream (Termination)	Varies (See Drawings)

★ Use Pre-Construction Posted Speed to select the Speed from the Tables below:

TEMPORARY BARRIER FLARE RATE TABLE	
★ SPEED (mph)	MINIMUM FLARE RATE
≤ 30	8:1
35	9:1
40	10:1
45	12:1
50	14:1
55	16:1
60	18:1
65	19:1
70	20:1

MINIMUM LENGTHS TABLE					
"L" VALUE FOR TAPERS (ft)					BUFFER "B" (ft)
★ SPEED (mph)	W = Lane or Shoulder Width being closed or shifted				
	W ≤ 10	W = 12	W = 14	W = 16	
25	105	125	145	165	75
30	150	180	210	240	100
35	205	245	285	325	125
40	265	320	375	430	150
45	450	540	630	720	180
50	500	600	700	800	210
55	550	660	770	880	250
60	600	720	840	960	285
65	650	780	910	1000	325
70	700	840	980	1000	365
FREEWAYS					
55	1000	1000	1000	1000	250
60	1000	1000	1000	1000	285
65	1000	1000	1000	1000	325
70	1000	1000	1000	1000	365

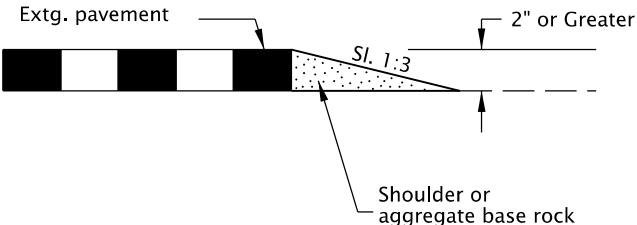
- NOTES:
- For Lane closures where W < 10', use "L" value for W = 10'.
 - For Shoulder closures where W < 10', use "L" value for W = 10' or calculate "L" using formula, for Speeds ≥ 45: L = WS, Speeds < 45: L = S²W/60, S = Speed, W=Width

TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE				
★ SPEED (mph)	Sign Spacing (ft)			Max. Channelizing Device Spacing (ft)
	A	B	C	
20 – 30	100	100	100	20
35 – 40	350	350	350	20
45 – 55	500	500	500	40
60 – 70	700	700	700	40
Freeway	1000	1500	2640	40

- NOTES:
- Place traffic control devices on 10 ft. spacing for intersection and access radii.
 - When necessary, sign spacing may be adjusted to fit site conditions. Limit spacing adjustments to 30% of the "A" dimension for all speeds.

NOTES:

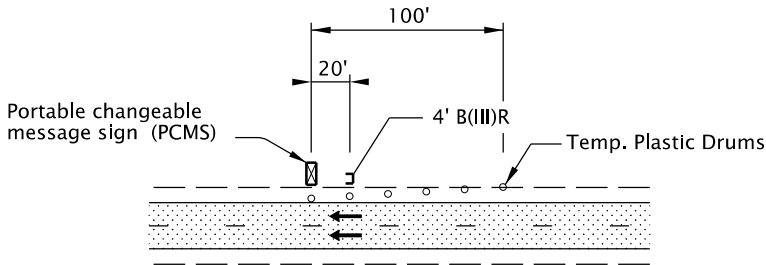
- When paved shoulders adjacent to excavations are less than four feet wide protect longitudinal abrupt edge as shown.
- Use aggregate wedge when abrupt edge is 2 inches or greater.



EXCAVATION ABRUPT EDGE

NOTES:

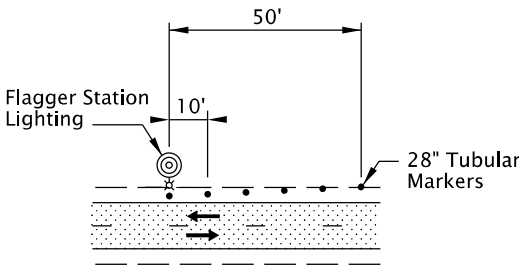
- Install PCMS beyond the outside shoulder, when possible.
- Use the appropriate type of barricade panels for PCMS location. Right shoulder, use Type B(III)R Left shoulder, use Type B(III)L
- Use six drums in shoulder taper on 20' spacing. The drums and barricade may be omitted when PCMS is placed behind a roadside barrier.
- Detail as shown is used for trailered and non-crashworthy components of:
 - Portable Traffic Signals
 - Smart Work Zone Systems



PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INSTALLATION

NOTES:

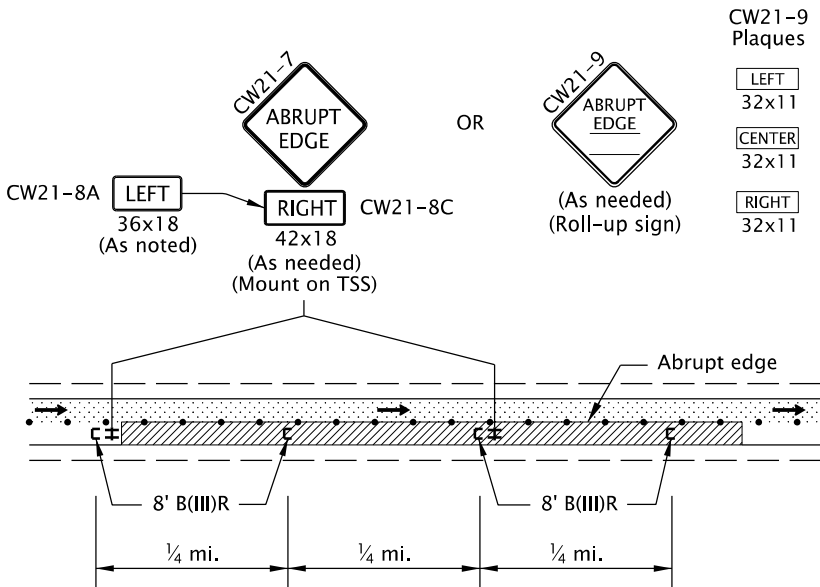
- Install Flagger Station Lighting beyond the outside shoulder, where practical.
- Use six tubular markers in shoulder taper on 10' spacing.
- Place cart / generator / power supply off of the shoulder, as far as practical.



FLAGGER STATION LIGHTING DELINEATION

NOTES:

- Abrupt edges may be created by paving, operations, excavations or other roadway work. Use abrupt edge signing for longitudinal abrupt edges of 1 inch or greater.
- If the excavation is located on left side of traffic, replace the 8' B(III)R barricades with 8' B(III)L barricades and replace the "RIGHT" (CW21-8C) riders with "LEFT" (CW21-8A) riders.
- Continue signing and other traffic control devices throughout excavation area at spacings shown.
- If roll-up signs are used, attach the correct (CW21-9) plaques to the sign face using hook and loop fasteners. Place roll-up signs in advance of barricades.



TYPICAL ABRUPT EDGE DELINEATION

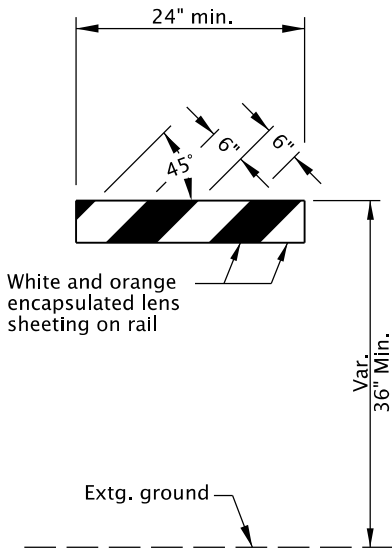
GENERAL NOTES FOR ALL TCP DRAWINGS:

- Signs and other Traffic Control Devices (TCD) shown are the minimum required.
- Place a barricade approx. 20' ahead of all sequential arrow boards.
- Arrows shown in roadway are directional arrows to indicate traffic movements.
- All signs are 48" x 48" unless otherwise shown. Use fluorescent orange sheeting for the background of all temporary warning signs.
- All diamond shaped warning signs mounted on barrier sign supports shall be 36" by 36". All other signs mounted on barrier sign supports shall not exceed 12 sq. ft. in total sign area.
- Low speed highways have a pre-construction posted speed of 40 mph or less. High speed highways have a pre-construction posted speed of 45 mph or higher.
- Do not locate sign supports in locations designated for bicycle or pedestrian traffic.
- Combine drawing details to complete temporary traffic control for each work activity.
- Coordinate and control pedestrian movements through a Temporary Accessible Route using Flaggers, Traffic Control Measures, or as directed.
- Provide a truck mounted attenuator (TMA) to protect the active work area on high speed divided highways or freeways when positive protection is not available, or as directed.
- To be accompanied by Dwg. Nos. TM820 & TM821.

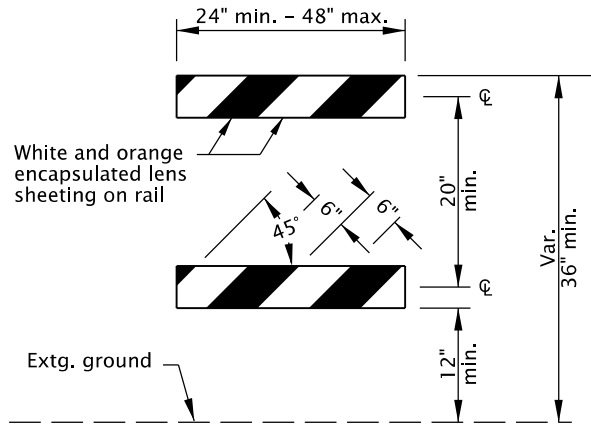
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
TABLES, ABRUPT EDGE AND PCMS DETAILS			
2024			
DATE	REVISION DESCRIPTION		
07-2022	Added a note for TPAs		
07-2024	Added a note for TMAs		
CALC. BOOK NO.	N/A	SDR DATE	12-JUL-2024
			TM800

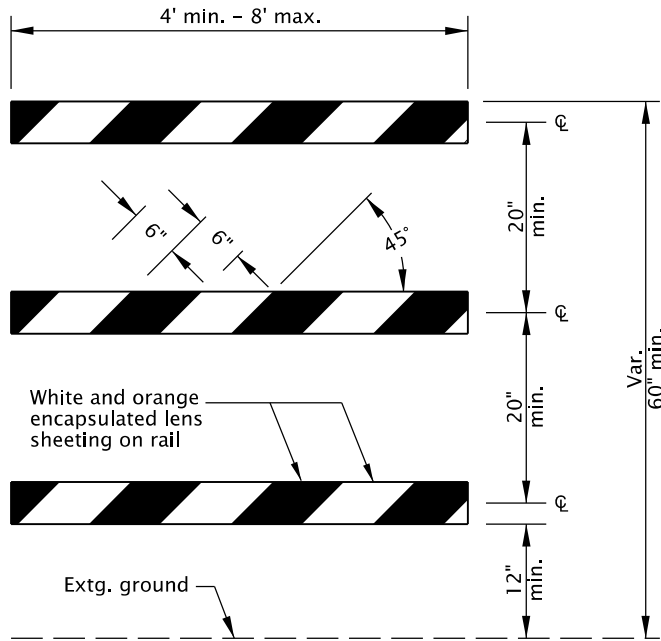
01-JUL-2020
TM820.dgn



TYPE I



TYPE II



TYPE III

BARRICADE RAIL LAYOUT

GENERAL NOTES FOR ALL DETAILS:

- Sandbags (approximately 25 lb sack filled with sand) may be placed on lower frame to provide additional ballast.
- Ballast shall not extend above bottom rail or be suspended from barricade.
- For rails less than 36" long, 4" wide stripes shall be used.
- Rails must be 8" min. to 12" max. in height.
- Use barricades from ODOT Qualified Products List (QPL).
- Use 4' Type III barricades where horizontal space is limited.
- Do not block bike lanes or shoulders unless the facility is properly closed and signed.
- Do not place barricades in sidewalks unless sidewalk is closed and a temporary pedestrian accessible route (TPAR) is signed according to the TCP. See Dwg. No. TM844.

NOTES:

- Markings for barricade rails shall slope downward at an angle of 45° in the direction traffic is to pass.
- Where a barricade extends entirely across a roadway, it is desirable that the stripes slope downward in the direction toward which traffic must turn in detouring.
- Where both right and left turns are provided for, slope the chevron striping downward in both directions from the center of the barricade.
- For full roadway closures, the C or LR barricade may be used. Extend barricades completely across roadway unless access is required for local road users.

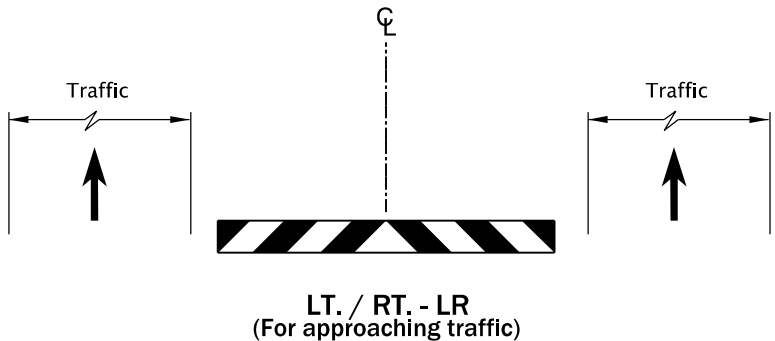
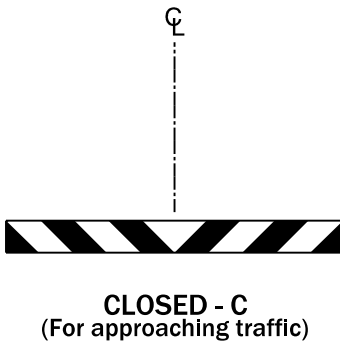
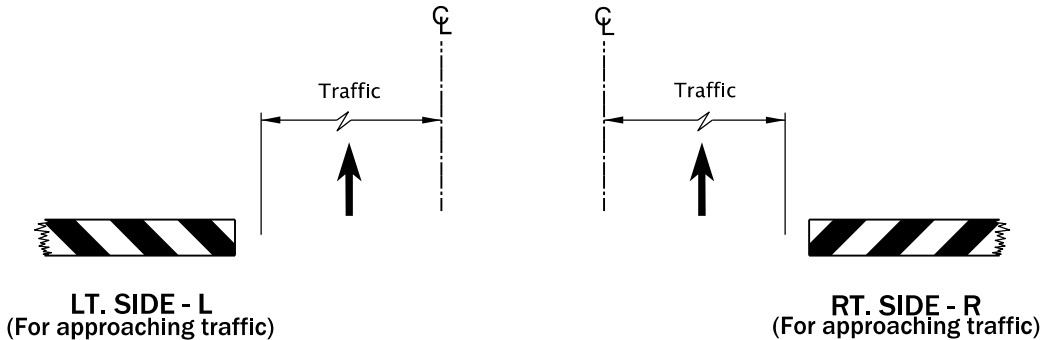
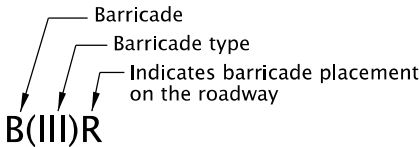


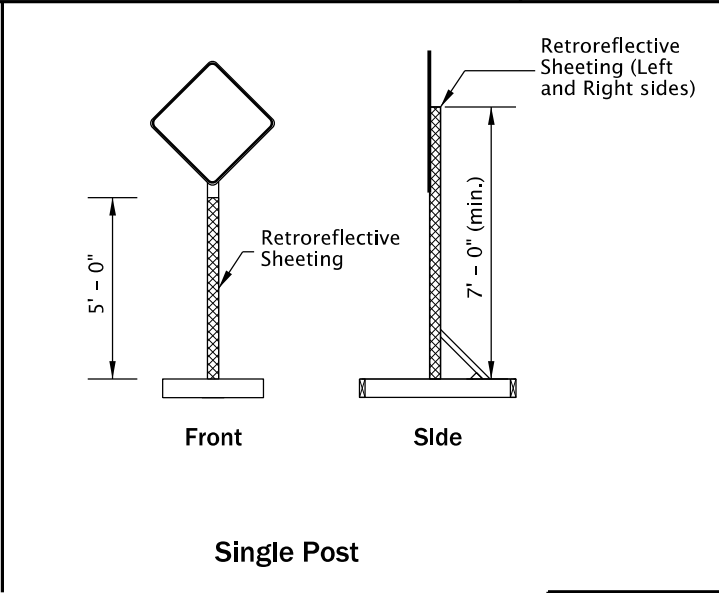
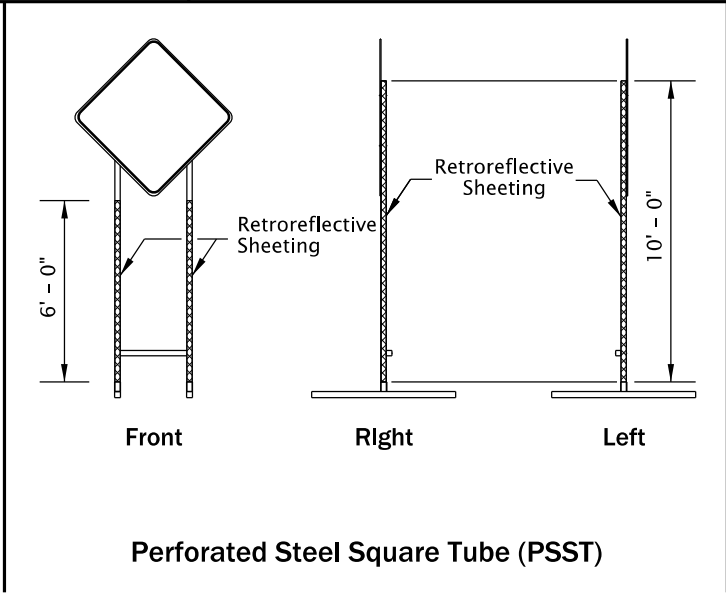
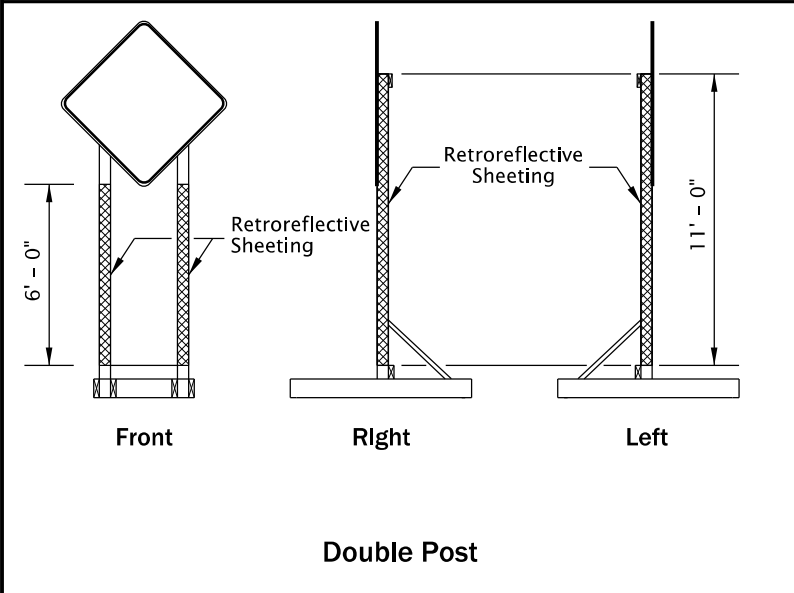
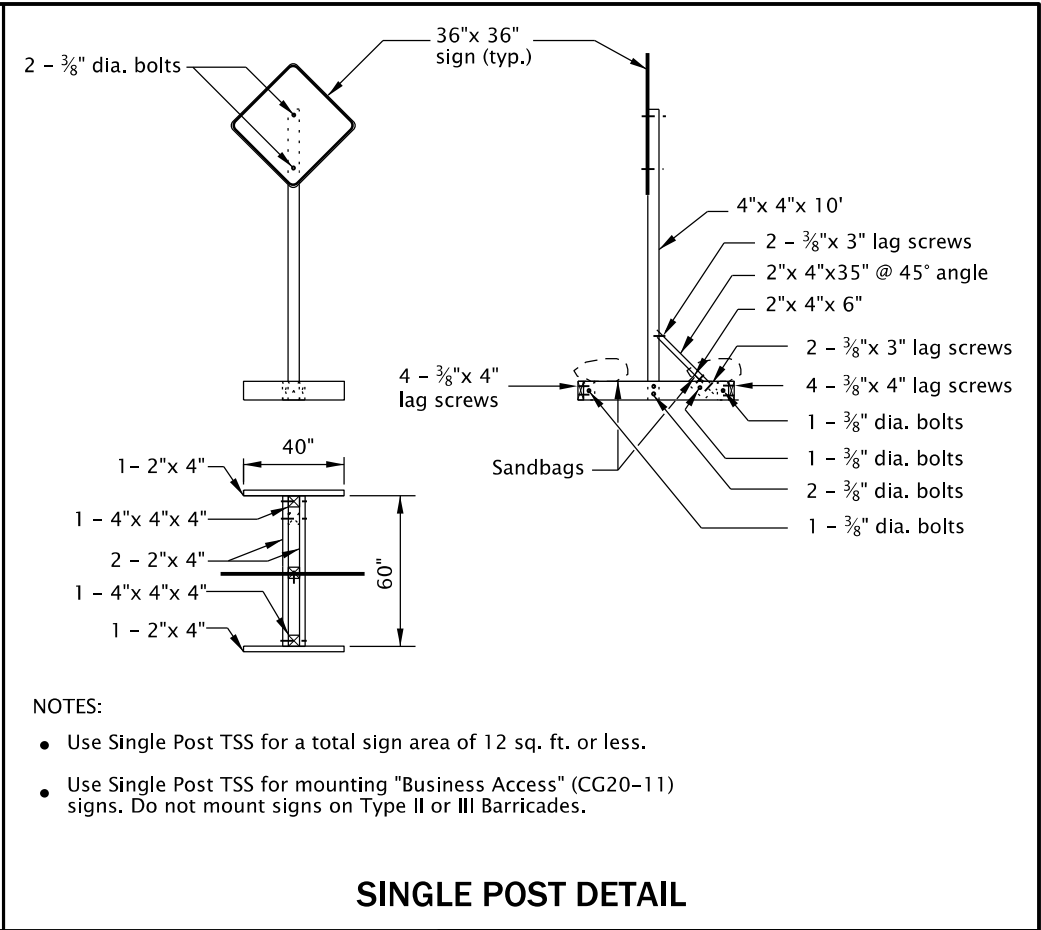
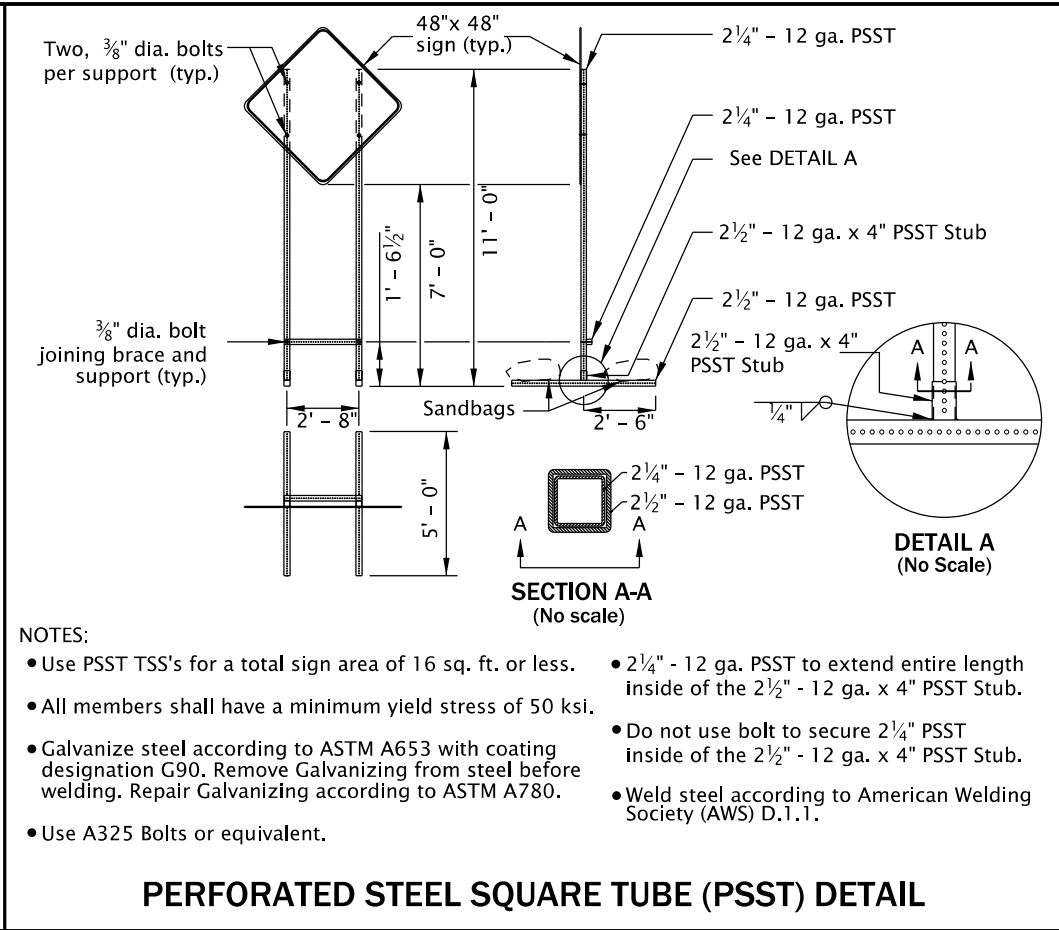
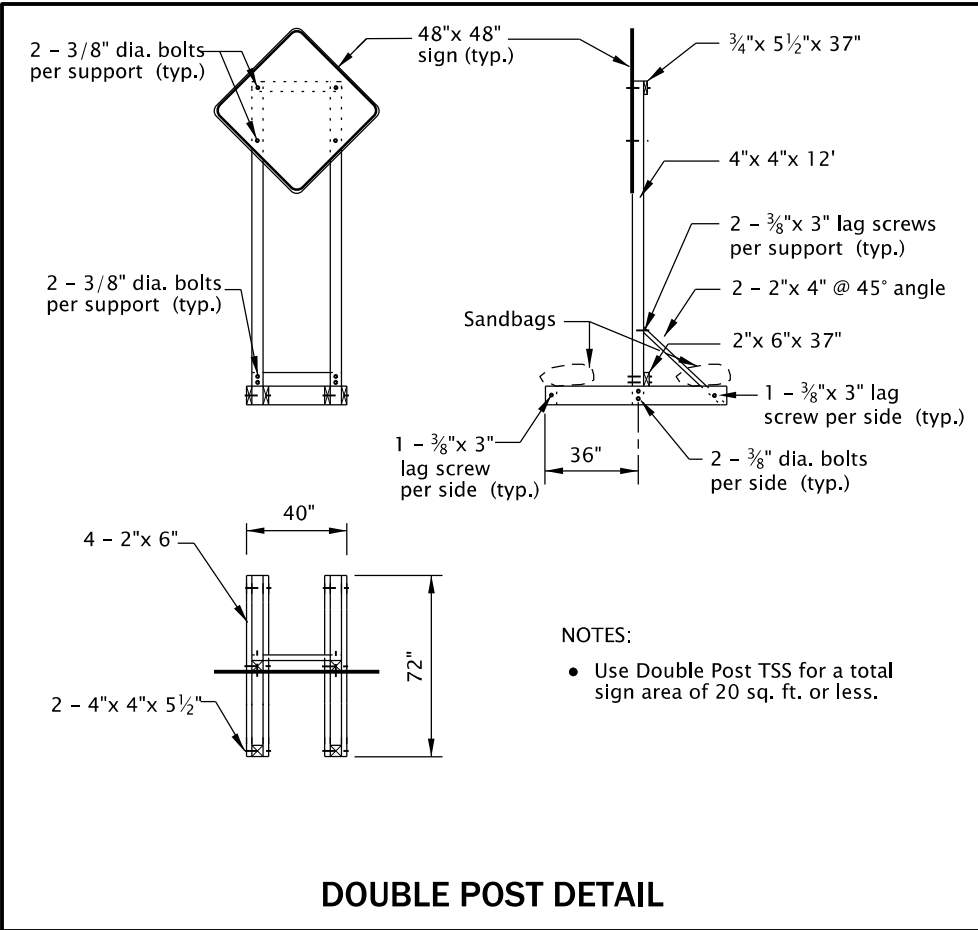
DIAGRAM FOR BARRICADE PLACEMENT AND SLOPE MARKING



BARRICADE NOTATION

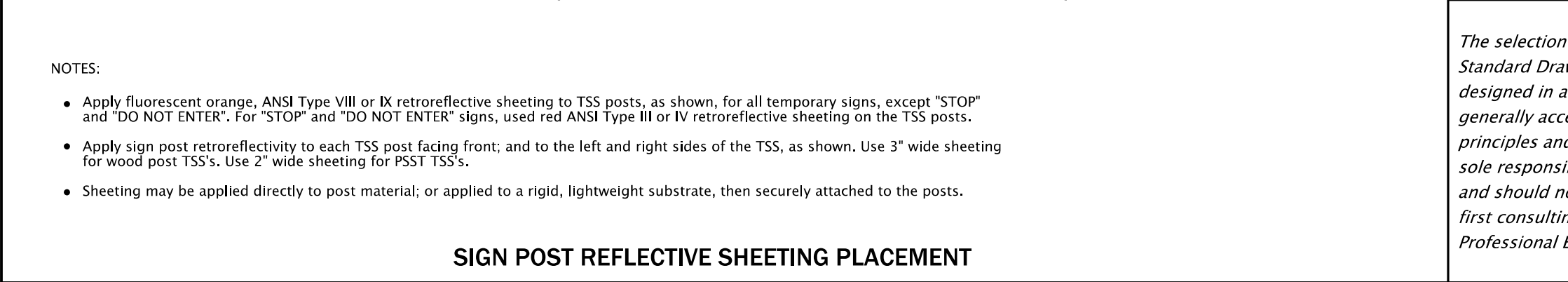
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
TEMPORARY BARRICADES			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SDR DATE	01-JUL-2020
			TM820



TEMPORARY SIGN SUPPORT GENERAL NOTES:

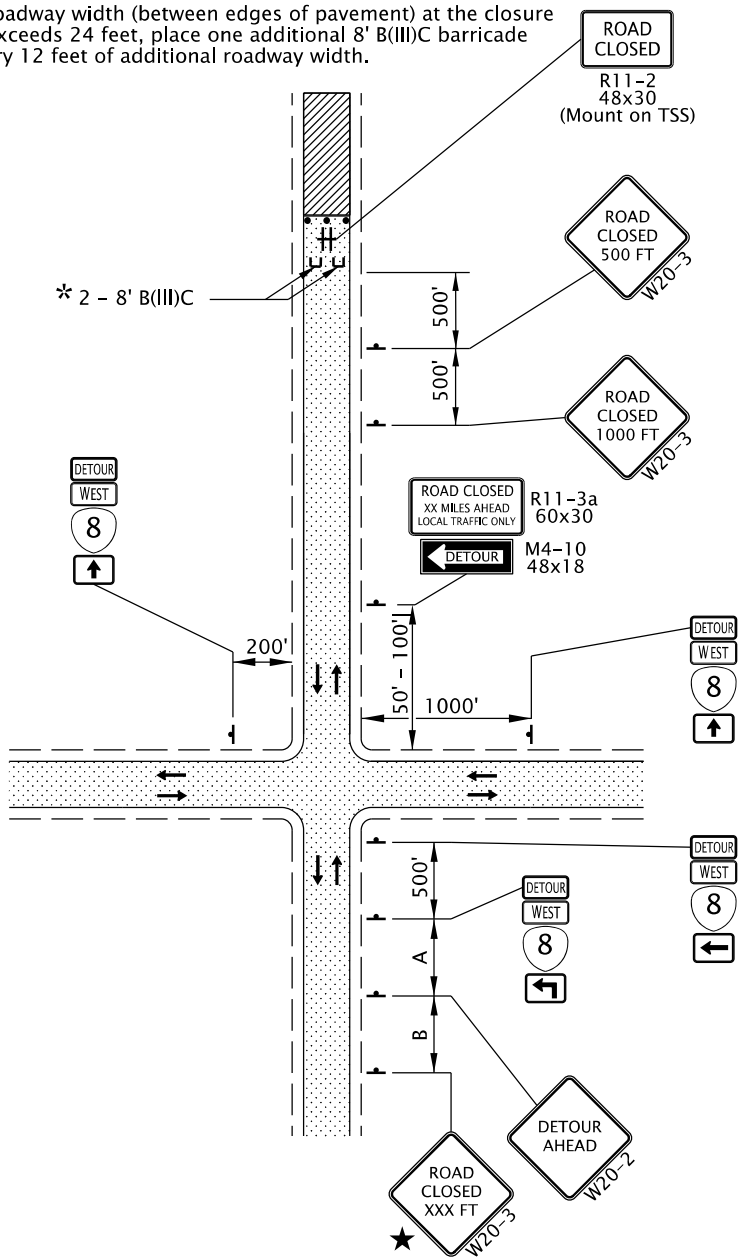
- Do not tip over TSS at any time.
- Do not locate TSS's in locations that block pedestrian or bicycle traffic.
- For wooden TSS's, use either Douglas Fir or Hem Fir, which is surfaced four sides (S4S) and free of heart center (FOHC).
- See "Temporary Sign Placement" detail on TM822 for sign installation heights.
- Do not place or stack ballast more than 24" above the ground.
- When not in use, locate TSS as far from Public Traffic as practicable and turn away from traffic, or cover the sign. Do not cover reflective sheeting on the TSS posts.
- Place a minimum of 50 lbs of sandbags on each of the four TSS supports legs. (25 lb. max per bag) (min. 100 lbs per side of each TSS).
- See Dwg. No. TM204 for flag board mounting detail.



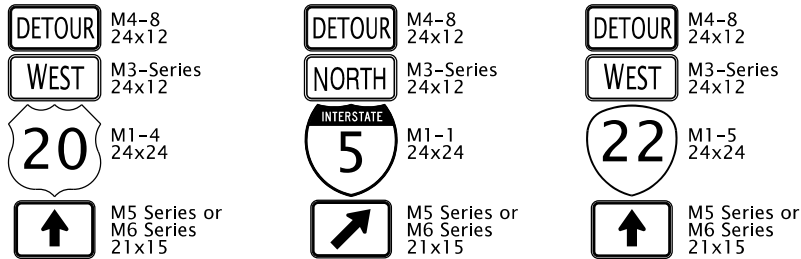
All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
TEMPORARY SIGN SUPPORTS			
2024			
DATE	REVISION DESCRIPTION		
CALC. BOOK NO.	N/A	SDR DATE	14-JUL-2023
			TM821

NOTES:
If closure point is less than 1500 ft. from nearest intersection, use a "ROAD CLOSED TO THRU TRAFFIC" (R11-4) sign in place of the "ROAD CLOSED XX MILES AHEAD" sign.

* If the roadway width (between edges of pavement) at the closure point exceeds 24 feet, place one additional 8' B(III)C barricade for every 12 feet of additional roadway width.

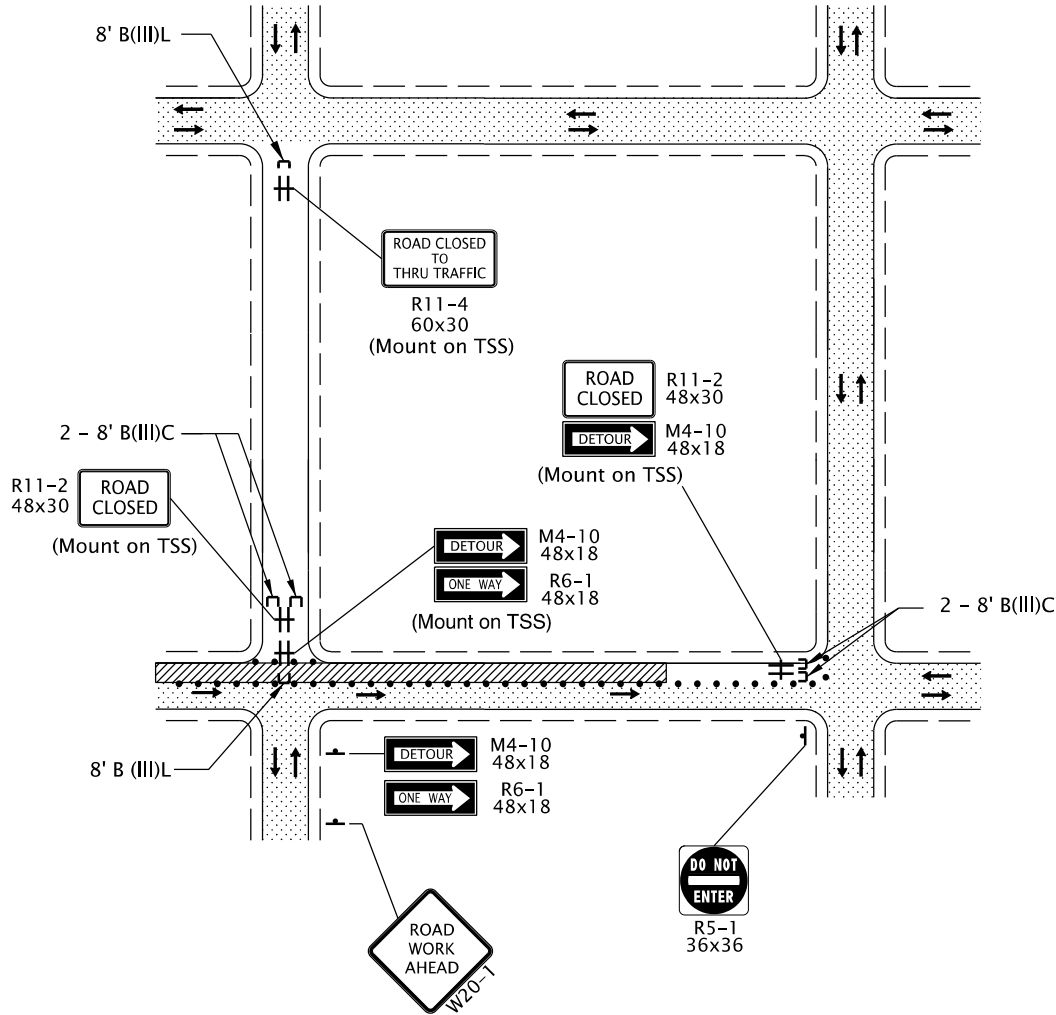


TYPICAL ROAD CLOSURE WITH DETOUR



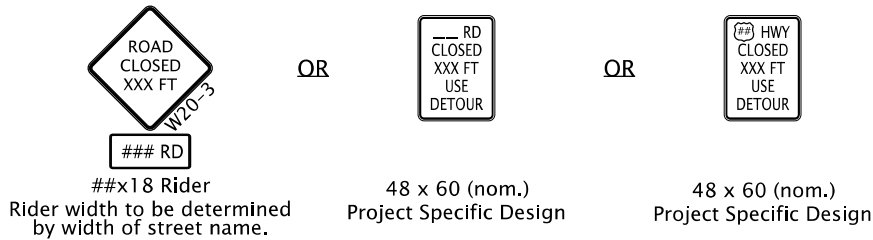
NOTE:
• When detour routes overlap, each Route Shield will include a separate cardinal direction, detour, and directional arrow auxiliary sign assembly.

TYPICAL TRAILBLAZER ASSEMBLY



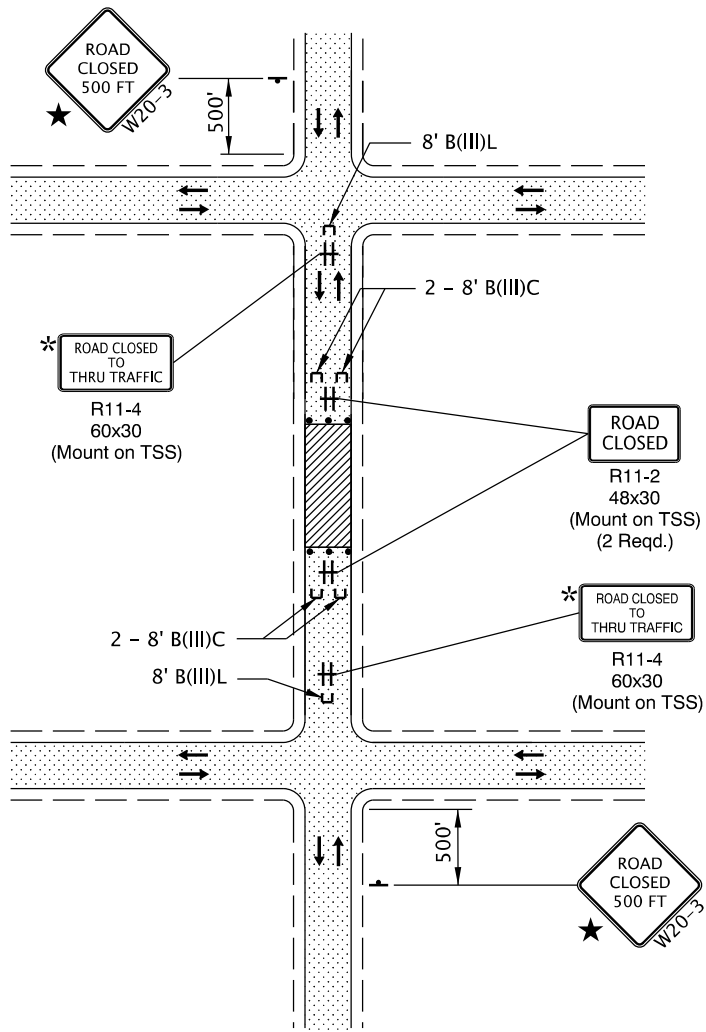
TYPICAL PARTIAL ROAD CLOSURE

GENERAL NOTES FOR ALL DETAILS:
★ A "Street Name" rider may be used to enhance Road Closure signing; or provide a project specific design; or, as shown in the traffic control plan.



- Use a minimum of two Type III barricades for a road closure. For roads $\geq 36'$ wide between curbs or edge of pavement, use a minimum of three Type III barricades for the closure point.
- For full road closures, the C or LR barricade may be used.
- Place additional signing as directed.
- To determine sign spacing A, B, & C, use the "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- To be accompanied by Dwg. Nos. TM820 & TM821.

- 28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.
- [Pattern] UNDER TRAFFIC
- [Pattern] UNDER CONSTRUCTION

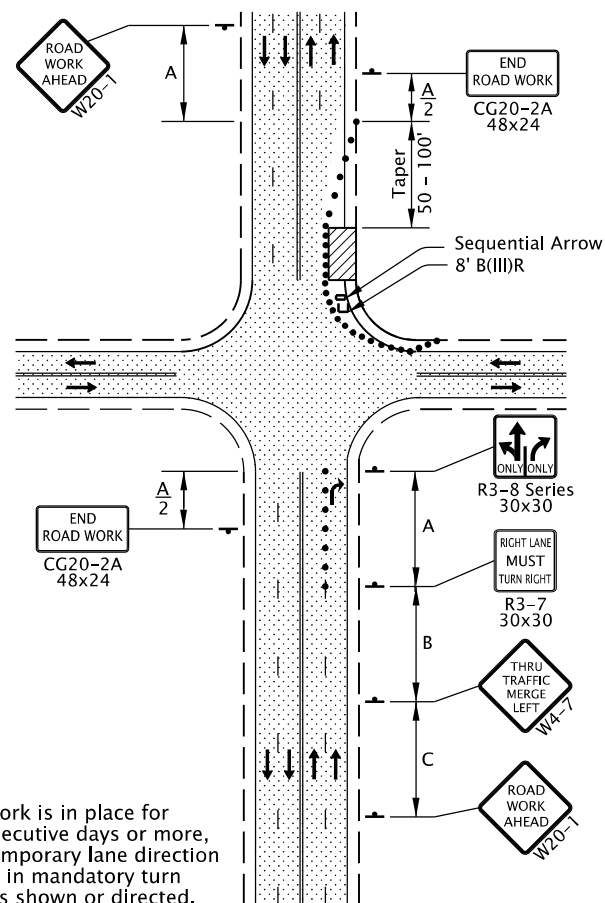
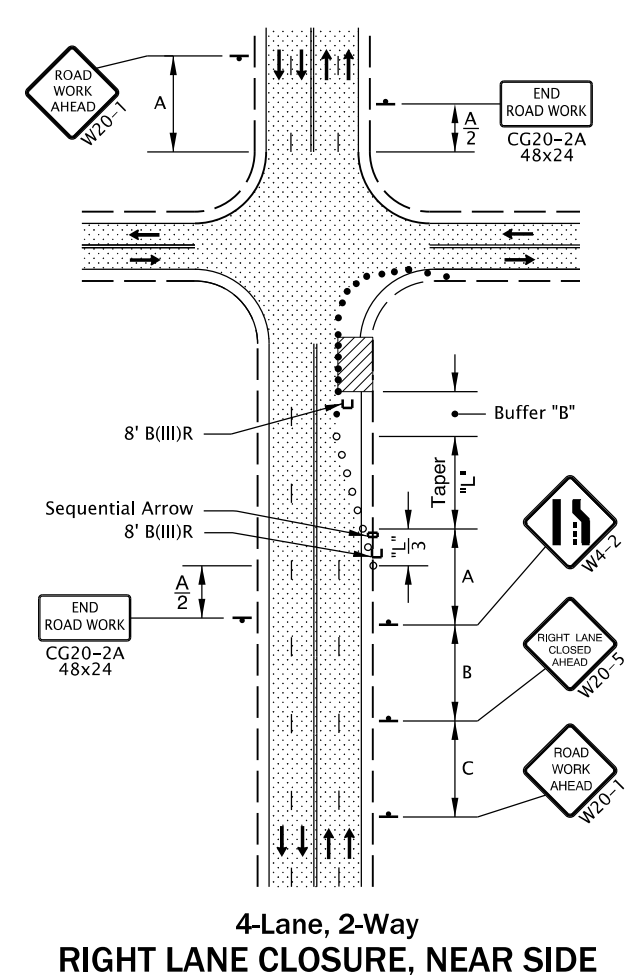
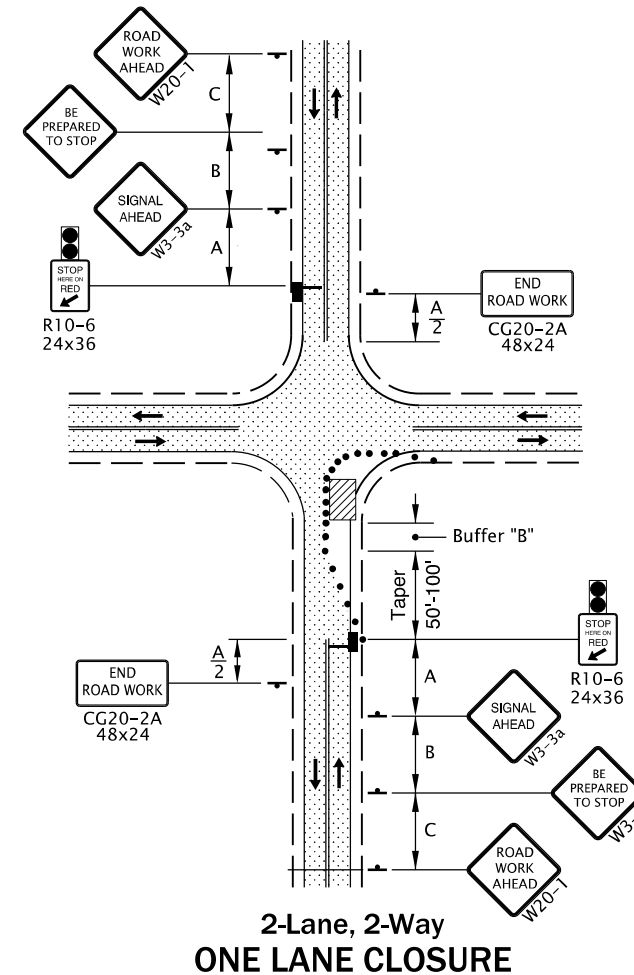
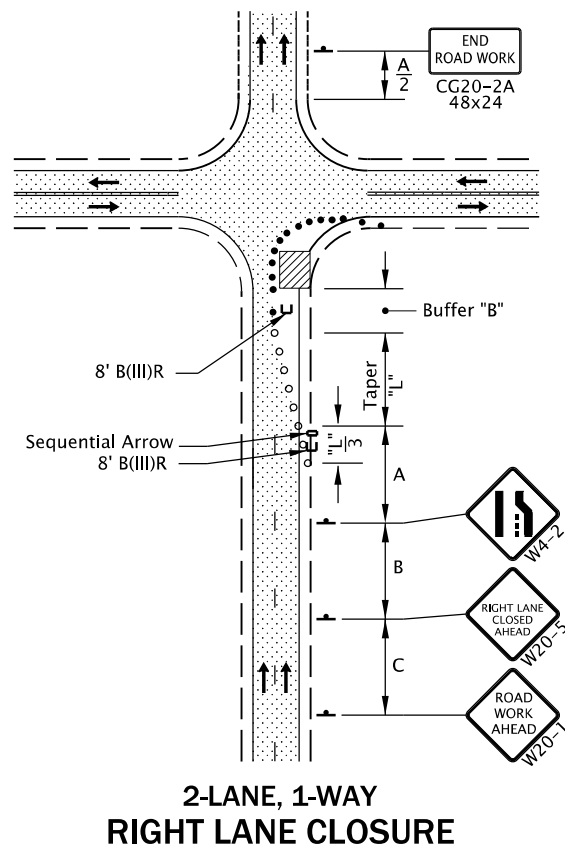
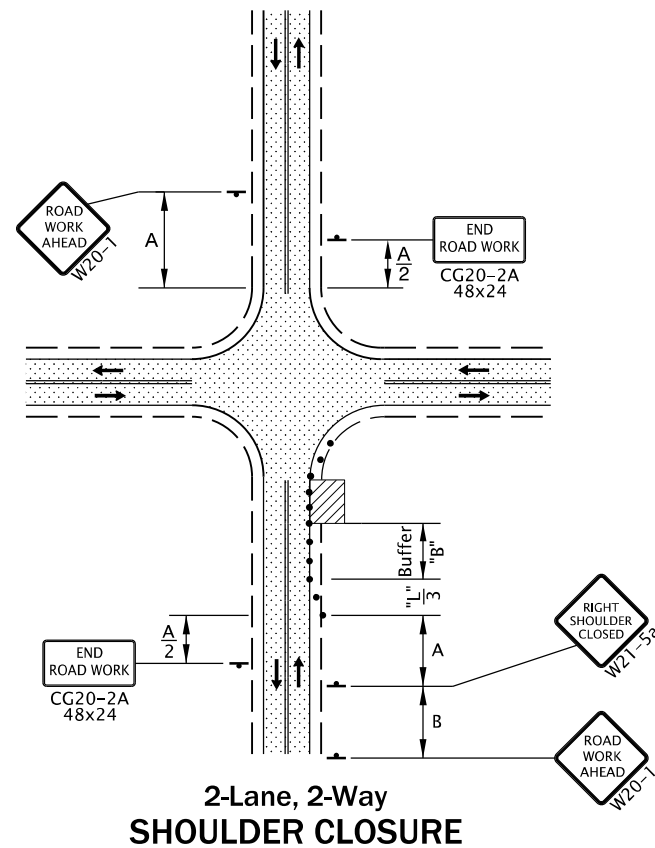


NOTE:
* If accesses exist between intersection and point of closure, install "ROAD CLOSED TO THRU TRAFFIC" sign as shown.

TYPICAL ROAD CLOSURE

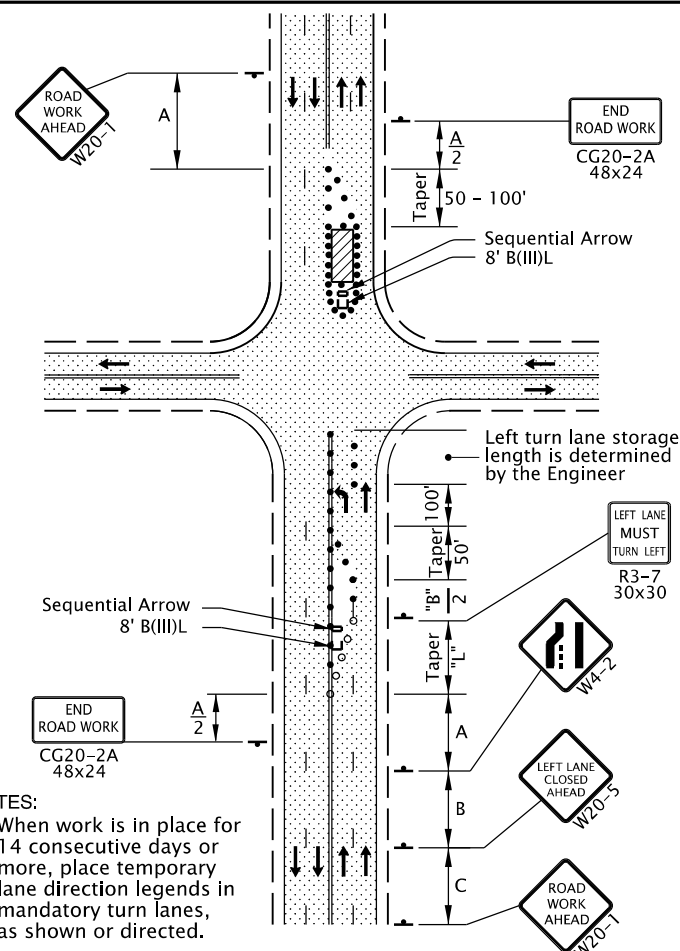
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All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
CLOSURE DETAILS			
2024			
DATE	REVISION DESCRIPTION		
MM-YYYY	REVISION		
07-2025	Revised a miss spelling.		
CALC. BOOK NO. _ _ _ _ N/A _ _ _ _		SDR DATE 11-JUL-2025 _ _	TM840



NOTES:

- When work is in place for 14 consecutive days or more, place temporary lane direction legends in mandatory turn lanes, as shown or directed.



NOTES:

- When work is in place for 14 consecutive days or more, place temporary lane direction legends in mandatory turn lanes, as shown or directed.

GENERAL NOTES FOR ALL DETAILS:

- Additional Traffic Control Measures (TCM) may be required for all legs of the intersection.
- The "SIGNAL AHEAD" (W3-3a) sign may be substituted with the signal ahead symbol (W3-3) sign.
- To determine Taper Length ("L") and Buffer Length ("B"), use the "MINIMUM LENGTHS TABLE" on Dwg. TM800.
- For left lane or shoulder work, place TCD to close left lane or shoulder. Use "LEFT LANE CLOSED AHEAD" (W20-5) sign, "LEFT LANE ENDS" (W4-2L) symbol sign, or "LEFT SHOULDER CLOSED" (W21-5a) sign, where applicable.
- To determine sign spacing A, B, and C, use "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Dwg. TM800.
- When a through road intersects within the work zone, place a "ROAD WORK AHEAD" (W20-1) sign in advance of the intersection at sign spacing A.
- Tubular markers may be used in lane closure tapers where posted speed is 40 mph or less.
- Where shoulder width is limited, Sequential Arrow may be placed within the lane closure taper.
- Place channelizing devices around intersection radii, business accesses and driveways at 10' spacing.
- Install a "BICYCLES ON ROADWAY" (CW11-1) sign in advance of the closure when a bike lane is closed, or when the shoulder is closed and bikes are expected.
- To be accompanied by Dwg. Nos. TM820, TM821, TM840 & TM854.

Automated Flagging Assistance Device (AFAD)

- 28" Tubular Markers See TCD Spacing Table on TM800 for max. spacing.
- Temp. Plastic Drums See TCD Spacing Table on TM800 for max. spacing.

UNDER TRAFFIC

UNDER CONSTRUCTION

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All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

INTERSECTION WORK ZONE DETAILS

2024

DATE	REVISION	DESCRIPTION
01-2022	Added AFADs to drawing.	
07-2024	Fixed a typo.	
CALC. BOOK NO.	N/A	SDR DATE
		12-JUL-2024

TM841

Effective Date: December 1, 2025 – May 31, 2026