

To request translation or disability-related accommodations, please contact us at DTDcompliance@clackamas.us | 503-742-4400.

Si quiere solicitar servicios de traducción o adaptaciones para la discapacidad, contáctenos en/al DTDcompliance@clackamas.us | 503-742-4400.

Чтобы запросить перевод или приспособления, связанные с инвалидностью, пожалуйста, свяжитесь с нами по:

DTDcompliance@clackamas.us | 503-742-4400.

Щоб попросити переклад або спеціальні послуги для осіб з особливими потребами, зверніться до нас, скориставшись такими контактними даними:

DTDcompliance@clackamas.us | 503-742-4400.

如需翻译服务或残障相关的协助，请与我们联系：

DTDcompliance@clackamas.us | 503-742-4400。

Để yêu cầu dịch vụ dịch thuật hoặc điều chỉnh liên quan đến tình trạng khuyết tật, vui lòng liên hệ với chúng tôi qua DTDcompliance@clackamas.us | 503-742-4400.



Clackamas County
www.clackamas.us



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

October 29, 2026

BCC Agenda Item: _____

Board of County Commissioners
Clackamas County

Approval of a Public Improvement Contract #1968 with Brown Contracting, Inc. for the SW Pilkington Road at SW Dawn Street Enhanced Crossing Project. Total Contract Value is \$244,823.00 until project completion. Funding through Community Road Funds and Fee In Lieu Of Funds. No County General Funds are involved.

Previous Board Action/Review: None.

Performance Clackamas: Strong Infrastructure

Counsel Review: Yes

Procurement Review: Yes

Contact Person: Mike Oleson

Contact Phone: 503-742-4698

EXECUTIVE SUMMARY: The County is utilizing Community Road Funds and Fee In Lieu Of Funds to implement crosswalk safety improvement measures at the north side intersection of Pilkington Rd and SW Dawn St. Located in the city of Rivergrove, south of Lake Oswego, this is a crosswalk improvement project that was of interest to the city of Rivergrove. This project will add curb ramps, rectangular rapid flashing beacon, signing and striping, and illumination upgrades.

The total construction contract cost is \$244,823.00 and will be paid through Community Road Funds and Fee In Lieu Of Funds. Construction is expected to be substantially completed by November 20, 2026, and the purchase order will expire December 31, 2027, to allow for seeding establishment.

PROCUREMENT PROCESS: This project was advertised in accordance with ORS and LCRB Rules on August 13, 2026, Invitation to Bid 2026-62. Bids were publicly opened on September 16, 2026. The County received six (6) bids in response to the Invitation to Bid from Brown Contracting, Inc., Evergreen M3, SLE Inc., Turney Excavating Inc, Western United Civil Group LLC, and Angelo Underground, LLC. The apparent lowest bid was from Brown Contracting, Inc. with a total value of \$244,823.00. A review of the bids received led to a recommendation for a contract award to the apparent low bidder, Brown Contracting, Inc.

RECOMMENDATION: Staff respectfully recommends that the Board of County Commissioners approve Public Improvement Contract #1968 with Brown

For Filing Use Only

Contracting, Inc. for the construction of the SW Pilkington Road at SW Dawn Street Enhanced Crossing Project.

Respectfully submitted,

Dan Johnson

Dan Johnson, Director
Department of Transportation & Development



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT
Contract #0000001968

This Public Improvement Contract (the “Contract”) is made by and between Clackamas County, a political subdivision of the State of Oregon (“Owner”), and **Brown Contracting, 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 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing 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 **Two Hundred Forty-Four Thousand Eight Hundred Twenty-Three Dollars (\$244,823.00)** (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 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 Roadway Construction for SW Pilkington Road at SW Dawn Street Enhanced Crossing Project (the “Specifications”), together with the provisions of the Oregon Standard Specifications for Construction (2024) 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 Don Brown as its Authorized Representative to act on its behalf. Owner designates, or shall designate, its Authorized Representative as indicted below (check one):

☒ Unless otherwise specified in the Contract Documents, the Owner designates Mike Oleson 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: Don Brown shall be the Contractor's project executive, and will provide oversight and guidance throughout the project term.

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

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

Project Engineer: Ryley McDowell 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: November 20, 2026

FINAL COMPLETION DATE: December 31, 2027

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.

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.



CLACKAMAS COUNTY PUBLIC IMPROVEMENT CONTRACT OPPORTUNITY

Table of Contents

Section B-1.....	Notice of Public Improvement Contract Opportunity
Section B-2.....	Instructions to Bidders
Section B-3.....	Supplemental Instructions to Bidders
Section B-4.....	Bid Bond
Section B-5.....	Bid Form
Section B-6.....	Public Improvement Contract
Section B-7.....	Performance Bond
Section B-8.....	Payment Bond
Section B-9.....	Project Information, Plans, Specifications and Drawings



**CLACKAMAS COUNTY
NOTICE OF PUBLIC IMPROVEMENT CONTRACT OPPORTUNITY**

**INVITATION TO BID #2026-62
SW Pilkington Road at SW Dawn Street Enhanced Crossing Project
August 13, 2026**

Clackamas County ("County") through its Board of County Commissioners is accepting sealed bids for the **SW Pilkington Road at SW Dawn Street Enhanced Crossing Project** until **September 16, 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-C01010-000XXXXX.

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: \$194,000.00

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 Earthwork and Drainage (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: # 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing 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 Earthwork and Drainage (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/84259776960>

Meeting ID: 842 5977 6960

One tap mobile

+19712471195,,84259776960# US (Portland) 12063379723,,84259776960# US
+(Seattle)

Join instructions

<https://clackamascounty.zoom.us/meetings/84259776960/invitations?signature=N MWnOh9pKNXW2Nzsb56uZA8xxi0SGnEdAwjvip6U6xs>

****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: Brown Contracting, Inc.

Total Contract Amount: 244,823

Project Name: # 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

PRIME SELF-PERFORMING: Identify below ALL GFE Divisions of Work (DOW) to be self-performed. Good Faith Efforts are otherwise required.	
<u>DOW BIDDER WILL SELF-PERFORM (GFE not required)</u>	
All DOWs except for Electrical	

PRIME CONTRACTOR SHALL DISCLOSE AND LIST ALL SUBCONTRACTORS, including those Minority-owned, Woman-owned, and Emerging Small Businesses ("M/W/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.

<u>LIST ALL SUBCONTRACTORS BELOW</u> Use correct legal name 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 Aaken Electric Address 31625 NW Hillcrest St City/St/Zip North Plains, OR 97133 Phone# 503-447-1084 OCCB# 170901	Electrical	82,204	☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐

GFE SUBCONTRACTOR AND SELF-PERFORMED WORK LIST (FORM 1) cont'd

Prime Contractor Name:

Total Contract Amount:

Project Name: # 2026-62 SW Pilkington Road at SW
Dawn Street Enhanced Crossing Project

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 Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐
Name Address City/St/Zip Phone# OCCB#			☐	☐	☐

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

Prime Contractor: Brown Contracting, Inc.

Project: # 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing 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>>)	
Affordable Electric Inc.	Electrical	8/24/26	8/24/26	No Answer	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			No Bid/ No Response
Cox Electric,	Electrical	8/24/26	8/24/26	No Answer	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			No Bid/ No Response
Caron Electrical Contractors	Electrical	8/24/26	8/24/26	No Answer	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No			No Bid/ No Response
					☐ 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: # 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

We, BROWN CONTRACTING, INC., as "Principal,"
(Name of Principal)

and TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA, an CONNECTICUT 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%) **)

NOT TO EXCEED TEN PERCENT OF 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.) 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 11 day of SEPTEMBER, 2026.

Principal: BROWN CONTRACTING, INC.

By: [Signature]
Signature
Vice President

Official Capacity

Attest: [Signature]
Corporation Secretary

Surety: TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA

By: Michelle Bench
By: Attorney-In-Fact

MICHELLE BENCH

Name

ONE TOWER SQUARE-2SHS

Address

HARTFORD, CONNECTICUT 06183

City

State

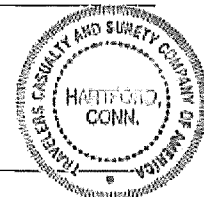
Zip

541-741-0550

Phone

541-741-1674

Fax





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint **Michelle Bench** of **SPRINGFIELD**, **Oregon**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **13th** day of **May**, 2026.



State of Connecticut

City of Hartford ss.

By: 
Bryce Grissom, Senior Vice President

On this the **13th** day of **May**, 2026, before me personally appeared **Bryce Grissom**, who acknowledged himself to be the Senior Vice President, Surety, Bond & Specialty Insurance, of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **31st** day of **March**, 2031




Marie E. Sorensen, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

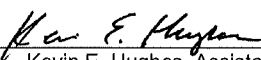
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **11** day of **SEPTEMBER**, 2026




Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT

BID FORM

PROJECT: # 2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing Project
BID CLOSING: September 16, 2026, 2:00 PM, Pacific Time
BID OPENING: September 16, 2026, 2:05 PM, Pacific Time

FROM: Brown Contracting, 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:

Two hundred forty-four thousand eight hundred
twenty-three dollars and zero cents. Dollars (\$ 244,823)

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 _____ through _____, 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 **Roadway Construction SW Pilkington Road at SW Dawn Street Enhanced Crossing 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:

Travelers Surety Company of America

(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 114260. 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. 523102, and that Contractor shall submit Certificates of Insurance as required.

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

Project Executive:	<u>Don Brown</u>	Cell Phone:	<u>541-338-9345</u>
Project Manager:	<u>Beau Biron</u>	Cell Phone:	<u>541-338-9345</u>
Job Superintendent:	<u>Arnie Brown</u>	Cell Phone:	<u>541-338-9345</u>
Project Engineer:	<u>Aaron Messer</u>	Cell Phone:	<u>541-338-9345</u>

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 Brown Contracting, Inc

ADDRESS PO Box 26439
Eugene, OR 97402

TELEPHONE NO 541-338-9345

EMAIL sean@browncontracting.net

SIGNATURE 1) Sole Individual

or 2) Partner

or 3) Authorized Officer or Employee of Corporation

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

BID SCHEDULE **SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED CROSSING**

ITEM NO.	SPEC SECTION	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL PRICE
1	00180	WORKPLACE HARASSMENT PREVENTION PLAN	LS	1	250.00	250.00
2	00196	EXTRA WORK AS AUTHORIZED	LS	1	\$30,000.00	\$30,000.00
MOBILIZATION AND TRAFFIC CONTROL						
3	00210	MOBILIZATION	LS	1	21,000.00	21,000.00
4	00221	TEMPORARY WORKZONE TRAFFIC CONTROL, COMPLETE	LS	1	8,000.00	8,000.00
5	00223	FLAGGERS	HR	320	80.00	25,600.00
6	00225	LEGEND REMOVAL	SF	22	6.00	132.00
7	00225	BAR REMOVAL	SF	170	7.00	1,190.00
8	00225	STRIPE REMOVAL	LF	280	3.00	840.00
9	00280	EROSION CONTROL	LS	1	1,000.00	1,000.00
10	00280	CHECK DAM, BIO-FILTER BAG	EA	5	48.00	240.00
11	00280	CONCRETE WASHOUT FACILITY	EA	1	250.00	250.00
12	00280	INLET PROTECTION, TYPE 5	EA	3	90.00	270.00
13	00290	POLLUTION CONTROL PLAN	LS	1	500.00	500.00
ROADWORK						
14	00305	CONSTRUCTION SURVEY WORK	LS	1	6,100.00	6,100.00
15	00310	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	1,500.00	1,500.00
16	00310	ASPHALT PAVEMENT SAWCUTTING, LESS THAN 6"DEEP	LF	116	5.00	580.00
17	00320	CLEARING AND GRUBBING	LS	1	800.00	800.00
18	00330	GENERAL EXCAVATION	CY	145	48.00	6,960.00
19	00350	SUBGRADE GEOTEXTILE	SY	43	5.00	215.00
DRAINAGE & SEWERS						
20	00470	CATCH BASIN CURB INLET, TYPE WES STANDARD GB-2	EA	1	5,000.00	5,000.00
BASES						
21	00640	AGGREGATE BASE	TON	44	135.00	5,940.00
WEARING SURFACES						
22	00744	LEVEL 3, 1/2 INCH ACP MIXTURE	TON	34	155.00	5,270.00
23	00759	CONCRETE CURBS, STANDARD CURB	LF	28	105.00	2,940.00
24	00759	CONCRETE CURBS, CURB & GUTTER	LF	76	105.00	7,980.00
25	00759	CONCRETE WALKS	SF	330	30.00	9,900.00
26	00759	EXTRA FOR NEW CURB RAMPS	EA	3	2,000.00	6,000.00
26	00759	GROUTED ROUND ROCK	SF	66	33.00	2,178.00
27	00765	TRUNCATED DOMES ON NEW SURFACES	SF	30	65.00	1,950.00
PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES						
28	00865	THERMOPLASTIC, EXTRUDED, SURFACE, NON-PROFILED	LF	300	6.00	1,800.00
29	00867	PAVEMENT BAR, TYPE B-HS	SF	155	20.00	3,100.00
PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS						
30	00905	REMOVE EXISTING SIGNS	LS	1	500.00	500.00
31	00920	SIGN SUPPORT FOOTINGS	LS	1	2,500.00	2,500.00
32	00930	PERFORATED STEEL SQUARE TUBE ANCHOR BASE SIGN SUPPORTS	LS	1	2,000.00	2,000.00
33	00940	SIGNS, STANDARD SHEETING, EXTRUDED ALUMINUM	SF	40	51.00	2,040.00
34	00970	POLE FOUNDATIONS	LS	1	3,000.00	3,000.00
36	00970	SWITCHING, CONDUIT, AND WIRING	LS	1	19,000.00	19,000.00
37	00990	FLASHING BEACON INSTALLATION	LS	1	55,000.00	55,000.00
RIGHT-OF-WAY DEVELOPMENT AND CONTROL						
38	01030	LAWN SEEDING	SF	183	6.00	1,098.00
39	01040	TOPSOIL	CY	4	270.00	1,080.00
40	01040	BARK MULCH	CY	4	280.00	1,120.00

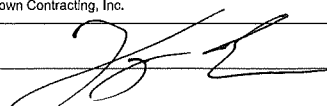
PROPOSED COST BID SCHEDULE 244,823.00

(Numerically)

PROPOSED COST BID SCHEDULE Two hundred forty-four thousand eight hundred twenty-three dollars and zero cents.

(Written In Words)

COMPANY NAME Brown Contracting, Inc.

AUTHORIZED SIGNATURE 

FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM
PROJECT: #2026-62

BID OPENING: September 16, 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.

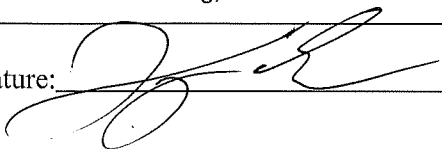
List below the name of each subcontractor that will be furnishing labor, or labor and materials, for which disclosure is required, the category of work that the subcontractor will be performing, and the dollar value of the subcontract. Enter **"NONE"** if the value of the project bid is less than \$100,000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

	SUBCONTRACTOR NAME	DOLLAR VALUE	CATEGORY OF WORK
1.	Aaken Electric	82,204	Electrical
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: Brown Contracting, Inc.

Bidder Signature:  Phone # 541-338-9345



CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT

PERFORMANCE BOND

Bond No.: 108563787

Solicitation: #2026-62

Project Name: SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA

(Surety #1)

(Surety #2)*

Bond Amount No. 1:

\$ 244,823.00

Bond Amount No. 2:*

\$

Total Penal Sum of Bond:

\$ 244,823.00

* If using multiple sureties

We, BROWN CONTRACTING, 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) TWO HUNDRED FORTY FOUR THOUSAND EIGHT HUNDRED TWENTY THREE NO/100**(\$244,823.00) (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 the 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 Performance 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 all authorized modifications of the Contract which increase the amount of the work, the amount of the Contract, or constitute an authorized extension of the time for performance, notice of any such modifications hereby being waived by the Surety:

NOW, THEREFORE, THE CONDITION OF THIS BOND IS SUCH that if the Principal herein 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 undertaken by Contractor to be performed under the Contract, upon the terms set forth therein, and within the time prescribed therein, or as extended 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 direct or indirect damages or claim 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 Principal or its subcontractors, and shall in

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 9 day of October, 2026.

PRINCIPAL: BROWN CONTRACTING, INC.

By: _____

Signature

Vice-President

Official Capacity

Attest: _____

Corporation Secretary

SURETY: TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA

[Add signatures for each if using multiple bonds]

BY ATTORNEY-IN-FACT:

[Power-of-Attorney must accompany each bond]

ROBIN BAIRD

Name

Robin Baird

Signature

ONE TOWER SQUARE-2SHS

Address

HARTFORD, CONNECTICUT 06183

City

State

Zip

541-741-0550

541-741-1674

Phone

Fax





CLACKAMAS COUNTY
PUBLIC IMPROVEMENT CONTRACT

PAYMENT BOND

Bond No.: 108563787

Solicitation: #2026-62

Project Name: SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA (Surety #1)
(Surety #2)*

Bond Amount No. 1: \$ 244,823.00

Bond Amount No. 2:* \$

Total Penal Sum of Bond: \$ 244,823.00

* If using multiple sureties

We, BROWN CONTRACTING, 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) TWO HUNDRED FORTY FOUR THOUSAND EIGHT HUNDRED TWENTY THREE NO/100**(\$244,823.00) (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 9 day of October, 2026.

PRINCIPAL: BROWN CONTRACTING, INC.

By: [Signature]
Signature
Vice-President
Official Capacity

Attest: [Signature]
Corporation Secretary

SURETY: TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA

[Add signatures for each if using multiple bonds]

BY ATTORNEY-IN-FACT:

[Power-of-Attorney must accompany each bond]

ROBIN BAIRD

Robin Baird Name

Signature

ONE TOWER SQUARE-2SHS

Address

HARTFORD, CONNECTICUT 06183

City State Zip

541-741-0550 541-741-1674

Phone Fax





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint **Robin Baird** of **SPRINGFIELD**, **Oregon**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **13th** day of **May**, **2026**.



State of Connecticut

City of Hartford ss.

By:

Bryce Grissom, Senior Vice President

On this the **13th** day of **May**, **2026**, before me personally appeared **Bryce Grissom**, who acknowledged himself to be the Senior Vice President, Surety, Bond & Specialty Insurance, of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **31st** day of **March**, **2031**



Marie E. Sorensen, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 9 day of October, **2026**.



Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.

Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



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

PROJECT: #2026-62 SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Project Background:

This project will construct an enhanced crosswalk at the Dawn St-Pilkington Rd intersection with curb ramps, rectangular rapid flashing beacon, signing and striping, and illumination upgrades.

Road improvements will also include mobilization, temporary traffic control, construction survey, drainage work, permanent traffic control, base work, shoulder construction, grading, permanent seeding, and asphalt wearing surfaces

Engineers Estimate: \$194,000.00

Key Dates:

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

Substantial Completion: November 20, 2026

Final Completion: December 31, 2027

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 ROADWAY CONSTRUCTION DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT, CLACKAMAS COUNTY, SW PILKINGTON
ROAD AT SW DAWN STREET ENHANCED CROSSING PROJECT, dated June 2026 (68
Pages)

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project -Drawing Set, Sheets No. 1; A01
through A02; BB01; BC01 through BC02; C01; FB01; MA01; MB01; MC01 through MC02; QA01
through QA03.(14 Pages)

PGE Job Sketch (1 page)

**SPECIAL PROVISIONS
FOR ROADWAY CONSTRUCTION**



**DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT
CLACKAMAS COUNTY, OREGON**

**SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED
CROSSING PROJECT**

**GRADING, PAVING, DRAINAGE, ROADSIDE DEVELOPMENT, SIGNING,
PAVEMENT MARKINGS, SIGNALS, ILLUMINATION**

August 2026

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

SPECIAL PROVISIONS

FOR

Grading, Paving, Drainage, Roadside Development, Signing, Pavement Markings, Signals
SW Pilkington Road and SW Dawn Street Crossing Enhancements
SW Pilkington Road
Clackamas County

PROFESSIONAL OF RECORD CERTIFICATION:

Seal w/signature  RENEWS: 6-30-2027	I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for Roadway. Modified Special Provisions were prepared by me or under my supervision. Section(s) 00210, 00220, 00221, 00222, 00223, 00225, 00280, 00290, 00305, 00310, 00320, 00330, 00350, 00440, 00470, 00640, 00730, 00744, 00759, 00765, 01030, 01040, 02510, 02630
---	--

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

CLACKAMAS COUNTY DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

SPECIAL PROVISIONS

FOR

Grading, Paving, Drainage, Roadside Development, Signing, Pavement Markings, Signals
SW Pilkington Road and SW Dawn Street Crossing Enhancements
SW Pilkington Road
Clackamas County

PROFESSIONAL OF RECORD CERTIFICATION:

Seal w/signature  REGISTERED PROFESSIONAL ENGINEER 93121PE OREGON March 9, 2021 SARA PARKS RENEWS: 12/31/26	I certify the Special Provision Section(s) listed below are applicable to the design for the subject project for Traffic. Modified Special Provisions were prepared by me or under my supervision. Section(s) 00440, 00865, 00867, 00920, 00930, 00940, 00960, 00970, 00990, 02510
---	--

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

TABLE OF CONTENTS FOR SPECIAL PROVISIONS

SECTION 00110 – ORGANIZATION, CONVENTIONS, ABBREVIATIONS AND DEFINITIONS	4
SECTION 00120 – BIDDING REQUIREMENTS AND PROCEDURES	8
SECTION 00130 – AWARD AND EXECUTION OF CONTRACT	10
SECTION 00140 – SCOPE OF WORK	11
SECTION 00150 – CONTROL OF WORK	12
SECTION 00160 – SOURCE OF MATERIALS	16
SECTION 00165 – QUALITY OF MATERIALS	17
SECTION 00170 – LEGAL RELATIONS AND RESPONSIBILITIES	18
SECTION 00180 – PROSECUTION AND PROGRESS	20
SECTION 00190 – MEASUREMENT OF PAY QUANTITIES	23
SECTION 00195 – PAYMENT	24
SECTION 00196 – PAYMENT FOR EXTRA WORK	28
SECTION 00197 – PAYMENT FOR FORCE ACCOUNT WORK	29
SECTION 00199 – DISAGREEMENTS, PROTESTS AND CLAIMS	30
SECTION 00210 - MOBILIZATION	33
SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC	33
SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL	34
SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS	35
SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES	36
SECTION 00225 - TEMPORARY PAVEMENT MARKINGS	36
SECTION 00280 - EROSION AND SEDIMENT CONTROL	36
SECTION 00290 - ENVIRONMENTAL PROTECTION	39
SECTION 00305 - CONSTRUCTION SURVEY WORK	39
SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS	39
SECTION 00320 - CLEARING AND GRUBBING	40
SECTION 00330 - EARTHWORK	40
SECTION 00350 - GEOSYNTHETIC INSTALLATION	41
SECTION 00440 - COMMERCIAL GRADE CONCRETE	41
SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS	41
SECTION 00640 - AGGREGATE BASE AND SHOULDERS	41
SECTION 00730 - EMULSIFIED ASPHALT TACK COAT	42
SECTION 00744 - ASPHALT CONCRETE PAVEMENT	42
SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES	42
SECTION 00765 - TACTILE SURFACE INDICATORS	45
SECTION 00865 - LONGITUDINAL PAVEMENT MARKINGS - DURABLE	47
SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS	47
SECTION 00920 - SIGN SUPPORT FOOTINGS	47
SECTION 00930 - METAL SIGN SUPPORTS	48
SECTION 00940 - SIGNS	49
SECTION 00960 - COMMON PROVISIONS FOR ELECTRICAL SYSTEMS	49
SECTION 00970 - HIGHWAY ILLUMINATION	50
SECTION 00990 - TRAFFIC SIGNALS	54
SECTION 01030 - SEEDING	60
SECTION 01040 - PLANTING	61

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

SECTION 02510 - REINFORCEMENT	64
SECTION 02630 – BASE AGGREGATE	65

Clackamas County Special Provisions (2024 version October 11, 2024)

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

00120.30 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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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:

- 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.

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

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.

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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
Comcast	Matthew Bravo 11308 SW 68th Parkway, Tigard OR 97223 Matthew_Bravo@comcast.com 503-351-9311
NW Natural	Ryan Winfree 20285 SW Cipole Rd, Sherwood, OR 97140 Ryan.Winfree@nwnatural.com 773-612-9237
Portland General Electric (PGE)	Eric Parker 121 SW Salmon St, Portland, OR 97204 eric.parker@pgn.com 503-806-3556
Rivergrove Water District	Janine Casey 17661 Pilkington Road, Lake Oswego, OR 97035 jcasey@rivergrovewater.com 503-635-6041
Ziply Fiber	Rui Wu 4155 SW Cedar Hills Blvd, Beaverton, OR 97005 Rui.Wu1@ziply.com 971-990-7269

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.

NW Natural - Gas Utilities -

The Gas Utility operates a gas pipeline within the Project limits and may require an On-Site safety watcher, at no cost to the Contractor.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

Portland General Electric - Power Suppliers -

Energized power lines overhang portions of the Work with a minimum vertical clearance of 30 feet. The Contractor shall maintain at least 10 feet of safety clearance. Exceptions require written approval from the Power Supplier(s) and may require an On-Site safety watcher, at no cost to the Contractor. The Contractor shall provide the Engineer a copy of the written approval of exception before beginning Work.

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.

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:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

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

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.

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
Contract Time	00180.50(h)
Closed Lanes	00220.40(e)(1)
Noise Control	00290.32
Maintenance Under Traffic	00620.43
Opening Sections to Traffic.....	00744.51

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 Supplemental 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. The three-week look ahead schedule can be hand-written and shall be in a format agreed upon by the Contractor and the Engineer.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

After the paragraph that begins "The Contractor shall submit a Project Work schedule meeting the requirements..." add the following paragraphs:

Submit an overall sequencing and phasing plan showing the timeline for construction of all curb ramps. Submit a list of individual curb ramps or groups of curb ramps not to exceed 3 curb ramps to include in the schedule for approval by the Engineer.

The Contractor shall include the following curb ramp tasks in the Project Work schedule:

- Contractor initial site visit(s) for ramp existing conditions;
- Submittal of Working Drawings for each ramp, submitted to the Agency according to 00759.03(c);
- Submittal of Curb Ramp Plan(s); and
- Preplacement Conference(s).

In the paragraph that begins "The Contractor shall submit a supplemental "look ahead" Project Work schedule each week to the Engineer." add the following bullets to the end of the bullet list:

- Identify date of curb ramp site visit to include Contractor and Agency, to review Working Drawings;
- Identify curb ramp resubmittal of Working Drawings, as required according to 00759.03;
- Identify the anticipated date of curb ramp closure;
- Identify the field markings for excavation limits for curb ramps;
- Identify when the curb ramp formwork begins;
- Identify when the curb ramp Concrete placement begins; and
- Identify the anticipated opening curb ramp date.

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 item:

- 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.

Add the following subsection:

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

(1) The Contractor shall complete all Work to be done under the Contract, except for seeding establishment , not later than November 20, 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.

00180.88 Workplace Harassment Prevention Plan – Submit a workplace harassment prevention plan for review 10 days before the preconstruction conference. The plan shall ensure all workers are guaranteed a safe and respectful work environment regardless of their identity or status. The plan applies to, but is not limited to, a worker's race, gender, creed, or any protected characteristic under state or federal law. At a minimum, the plan shall include:

- A Statement that the Contractor shall provide a safe and respectful workplace on the jobsite for all workers, subcontractors, suppliers, and other persons performing work.
- A description of how the plan will be implemented and monitored during the project duration.
- A list of the in-person trainings that will be conducted for workers of all ranks working on the project to support, promote, and grow a positive jobsite culture.
- A list of meaningful policies including procedures for aggrieved workers in need of recourse.
- How incidents involving bullying or harassment will be investigated and resolved in a prompt, thorough, and impartial manner.

Contractor shall post on the jobsite and make available copies of policies about hate, intimidation, or harassment including how to report incidents and how to receive support. Materials will be provided in all languages necessary to be inclusive of the workforce.

00180.89 Measurement – No measurement of quantities will be made for workplace harassment prevention plan.

00180.95 Payment – Payment for workplace harassment prevention plan will be for developing and implementing the plan during construction of the project, in-person training, developing meaningful policies, and investigating incidents.

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(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 County will withhold Retainage from all force account and change order work.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

Except as otherwise provided, the Agency will deposit the cash retainage withheld in an interest bearing account, established through the State Treasurer for the benefit of the Agency, 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:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- 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:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

(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.

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

SECTION 00196 – PAYMENT FOR EXTRA WORK

Comply with Section 00196 of the Standard Specifications.

END OF SECTION

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

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 bullets to the end of the bullet list:

- When an abrupt edge is created by excavation, protect traffic according to the "Excavation Abrupt Edge" and the "Typical Abrupt Edge Delineation" configurations shown on the Standard Drawings.
- Protect pedestrians in pole base excavation areas by placing approved covers over all pole base excavations. Place a minimum of two B(II)LR barricades adjacent to and on either side of the excavated area, facing pedestrian traffic, or place covers and barricades as directed.

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.
- For each location where a curb ramp or sidewalk is under construction, once demolition of the existing Pedestrian Accessible Route has begun, complete Pedestrian Accessible Route Work, including concrete sidewalks, curb ramps, and pavement repair and allow pedestrians to use the Pedestrian Accessible Route within 10 consecutive Calendar Days.

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 free of all dirt, mud, gravel, materials, and debris.
- 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:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- 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.

SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

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

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

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

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

(1) **Contractor-Provided Traffic Control Plan** - The Contractor shall use a TCP developed by the Contractor. Do not use a TCP developed by the Contractor, unless approved by the Engineer.

The TCP developed by the Contractor, at a minimum shall meet all requirements of the Contract documents and comply with the *2023 Manual on Uniform Traffic Control Devices* and the *Oregon Supplement to the Manual on Uniform Traffic Control Devices* (MUTCD). Provide the following information:

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- A detailed temporary striping plan (if applicable).

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

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

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

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

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.

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:

- At least ten Calendar Days prior to the start of work, when the TPAR is open through the work area, place a “SIDEWALK OPEN” (CW11-3) sign in advance of each end of the Work Area as shown in the TCP or as directed. Locate the sign so it is legible from the nearest alternate pedestrian pathway facing incoming pedestrian traffic. The sign may be mounted between the panels of a Type II barricade, or on a single-post TSS. Do not place the sign or support such that it narrows the pedestrian pathway to a width less than 4 feet. Maintain “SIDEWALK OPEN” (CW11-3) signs while work is affecting the pedestrian pathway.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- 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 "ROAD WORK AHEAD" (W20-1-48) signs with a 36 by 24-inch "FINES DOUBLE" (R2-6aP) rider on Pilkington Road and Dawn Street, according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans except do not install the "FINES DOUBLE" rider on concrete barrier mounted signs.
- Install beyond each end of the Project, facing outgoing traffic, an "END ROAD WORK" (CG20-2A-24) sign a distance of $(A \div 2)$ according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans.

SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

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

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

During single lane closures under flagging operations, provide a dedicated flagger station and flagger to escort bicycle and pedestrian traffic through the affected Work Area.

SECTION 00225 - TEMPORARY PAVEMENT MARKINGS

Comply with Section 00225 of the Standard Specifications.

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 NPDES 1200-CA, 1200-CN, OR 1200-C permit if applicable.

Conditions requiring NPDES 1200 permits are as follows:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- 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.

When the combined areas of disturbance of all Project related activities is less than one acre, no NPDES 1200 permit coverage is required.

The area of ground disturbance on Agency owned land is 0.02 acres.

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

Add the following paragraph to the end of this subsection:

The Agency's NPDES 1200-CA permit is not applicable to this Project. Comply with all applicable conditions of this Section.

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**

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

- Information required under 1200-CA permit, if applicable.

00280.06 Erosion and Sediment Control Manager - Delete this subsection.

00280.14(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).

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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.

00280.41(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:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- 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.

00280.91 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.

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(s) to the end of this subsection:

SECTION 00305 - CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

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

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

Asphalt Pavement Sawcutting will be measured by the linear foot of sawcut, limited to the Neat Lines shown or directed unless otherwise specified. Methods other than sawcutting will not be measured.

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

00310.92 Separate Item Basis -

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

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

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

In item (g), "less than 6", "6 to 14", or "greater than 14" is inserted in the blank.

Add the following paragraph to the end of the subsection:

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

SECTION 00320 - CLEARING AND GRUBBING

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

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

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

SECTION 00330 - EARTHWORK

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

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Perform all earthwork under this Section on the excavation basis.

SECTION 00350 - GEOSYNTHETIC INSTALLATION

Comply with Section 00350 of the Standard Specifications.

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

SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications.

SECTION 00640 - AGGREGATE BASE AND SHOULDERS

Comply with Section 00640 of the Standard Specifications.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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*.

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

No separate or additional payment will be made for Emulsified Asphalt tack coat. Approximately 0.03 Tons of Emulsified Asphalt in tack coat will be required on this Project.

SECTION 00744 - ASPHALT CONCRETE PAVEMENT

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

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

Provide PG64-22 grade asphalt cement for this Project.

Add the following subsection:

00744.51 Opening Sections to Traffic - Schedule work so that, during the same shift, the surfaces being paved are paved full width and length through the wearing Course before opening to traffic.

SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

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

00759.02 Definitions – Delete this subsection.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

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

00759.12 Curb Ramp Treatment - Replace this subsection, except for the subsection number and title, with the following:

00759.12 Grouted Round Rock

(a) Rock - Furnish Rock for Grouted Round Rock that is dense, sound and free from cracks, seams and other defects conducive to accelerated weathering. The rock shall be subangular to sub-rounded in shape with the greatest dimension not greater than 2 times the least dimension. It shall be free from dirt, clay, sand, rock fines, and other material not meeting the required gradation limits. Rock density shall be 165 pounds per cubic foot or greater.

Rock size in inches shall be a maximum of 6 inches, minimum 4 inches with an average of 5 inches. Only rock that has been approved by the Engineer shall be used.

(b) Grout - Furnish Grout for Grouted Round Rock that is sand cement grout composed of one-part Cement to four parts sand, measured by volume, mixed thoroughly with sufficient water to make a grout of such consistency that it will flow into and completely fill the voids.

Cement shall be Type I Portland Cement conforming to ASTM C 150.

Sand shall be cleaned, hard, natural siliceous sand conforming to the requirements of ASTM C 33.

00759.22(a) Qualified Smart Levels – Replace this subsection, except for the subsection number and title, with the following:

Slopes will be measured with the use of a 24 inch SmartTool level model 92379 or model 92500, and a 6 inch SmartTool level model 92346 or 92510.

00759.42 Foundations - Replace this subsection with the following subsection:

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

00759.50(a) General - Replace the paragraph that begins “Install truncated domes...” with the following paragraph:

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

Add the following subsection:

00759.56 Grouted Round Rock

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Subgrade geotextile Fabric shall be placed immediately prior to placement of riprap. Compaction of the fabric is not required except where called for on the Drawings.

Grouted round rock shall be constructed upon the prepared foundation using hand placement and the stone shall be set or placed are close together as is practicable in order to reduce the voids to a minimum.

When grouted round rock is constructed in layers, the layers shall be thoroughly tied together with large stones protruding from one layer into the other.

The standard depth of grouted round rock shall be 4 inches, unless otherwise indicated or directed, and in no instance shall be less than 2 inches in depth. Grouted round rock shall have an average depth for each 25 square feet of not less than the depth indicated on the Drawings or as directed by the Engineer.

Each stone shall be bedded with the depth perpendicular to the surface upon which it is set. The length shall be placed as directed by the Engineer and each main stone shall be placed against the adjoining stones with sides and ends in contact. The stone shall be placed in such a manner as to stagger all joints as far as it is possible.

The surface of the completed grouted round rock shall not vary from the theoretical surface required by more than 1/2 inch at any point when tested with a 2-foot straightedge.

The voids between the stones shall be completely filled with grout. Care shall be taken to prevent earth or sand from filling the spaces between the stones before the grout is poured.

This grout shall be mixed either in a one-bag mixer or larger, for not less than 1-1/2 minutes, or it may be mixed by hand in a watertight box of sufficient capacity to accommodate a batch of at least one bag of cement.

The grout shall be carefully poured into the voids between the stones sufficiently slow to prevent the grout from flowing over the surface. During the pouring operations fiber brooms shall be used to maintain a uniform distribution over the entire surface. The grouting operations shall continue until such a time as all the voids have been completely filled and the grout has set even with the surface of the riprap.

00759.80 Measurement

- **Area Basis:** - Add the following paragraph(s) to the end of this bullet:

Grouted Round Rock will be measured on the area basis of the finished surface, limited to the Neat Lines shown or directed.

00390.90 Payment - Add the following Pay Item(s) to the Pay Item list:

- (o) Grouted Round Rock Square Foot

Item (o) includes the grout and subgrade geotextile.

SECTION 00765 - TACTILE SURFACE INDICATORS

Section 00765, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00765.00 Scope - This Work consists of furnishing, placing, and installation of tactile surface indicators, systems, or devices on pedestrian facilities according to the slopes, lines, grades, and dimensions shown or established in Section 00749 or Section 00759 as applicable.

Material

00765.10 Tactile Surface Treatment - Furnish truncated dome detectable warning surfaces for curb ramps, shared use paths, transit stops, rail crossings and accessible route islands as shown from the QPL. Furnish truncated dome detectable warning surfaces that are safety yellow in color on or along State Highways.

For temporary installations furnish approved securement mechanisms or surface adhesives to withstand the duration of the temporary installation.

00765.11 Detectable Guide Strips - Furnish surface applied or liquid applied detectable guide strips. Use only adhesives recommended or supplied by the manufacturer. Furnish slip-resistant detectable guide strips from the following list of pre-approved products:

Manufacturer

Vanguard ADA Systems
18122 SR9 Suite F
Snohomish, WA 98296
Phone: (360) 668-5700

Material

Liquid Applied GuideStrip / TWSI
Color: Blue

00765.12 Tactile Warning Devices – Furnish tactile warning devices as shown or specified.

Labor

00765.30 Personnel Qualifications - Use supervisory personnel who have an active ODOT ADA Certification for Contractors to directly supervise the curb ramp treatment Work. Provide onsite supervisory personnel that are ODOT ADA Certified during the construction and installation of the curb ramp treatment.

Construction

00765.40 Substrate Preparation - Bring areas where the tactile surface indicators are to be installed to the established slopes, lines, grades and dimensions, and make free of all Unsuitable Material or voids before installing, applying adhesives, or securing to the underlying substrate. Clean existing surfaces of debris and voids prior to installation.

00765.41 General - During installation do not allow the top and face of the tactile surface indicators to have lips, humps, sags or other irregularities.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Install manufacturer securement mechanism, or adhesives recommended or supplied by the manufacturer for permanent installations.

(a) Truncated Dome Warning Surface - Install detectable truncated dome warning surfaces as shown. Place according to the manufacturer's recommendations. Install abutting truncated dome panels with no more than 1/4 inch spacing. Install anchors along cut edges of truncated dome panels according to manufacturer's recommendations. Seal all cut tiles according to the manufacture instructions or as directed with a flush edge free from vertical discontinuities.

Install surface applied detectable truncated dome warning surfaces on clean and dry concrete surfaces.

After placement of wet set detectable truncated dome warning surface panel, remove uncured concrete from the surface of the panel.

(b) Detectable Guide Strip - Install detectable guide strips as shown. Place according to the manufacturer's recommendation. Place abutting panels within 1/4-inch of each other and install anchors, as specified by manufacturers, along cut edge. Miter adjacent panels at locations where detectable guide strips change direction. Install detectable guide strips on clean and dry concrete surfaces.

(c) Tactile Warning Device - Install tactile warning devices as shown. Place according to the manufacturer's recommendation.

00765.42 Liquid-Applied - Protect liquid applied detectable truncated dome warning surfaces and detectable guide strips after placing and finishing according to manufacturer's instructions.

Measurement

00765.80 Measurement - The quantities of Work performed under this Section will be measured according to the following:

(a) Area Basis - Measurement will be the finished surface, limited to the Neat Lines shown or directed.

(b) Length Basis - Measurement will be along the centerline of the device from end to end as shown or directed.

Payment

00765.90 Payment - The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

- (a) Truncated Domes on New Surfaces, _____ Square Foot
- (b) Truncated Domes on Existing Surfaces, _____ Square Foot
- (c) Detectable Guide Strip, Blue..... Square Foot
- (d) Tactile Warning Device..... Foot

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

In items (a) and (b), the type of installation “curb ramp”, “rail crossing” or “transit stop” will be inserted in the blank.

Item (a) includes installation of truncated domes on a new concrete or asphalt surface. Installation of truncated domes is not considered complete until Work that they are a part of is also complete and accepted according to Section 00749 or Section 00759, as applicable.

Item (b) includes installation of truncated domes on an existing concrete or asphalt surface.

Item (c) includes installation of blue detectable guide strips on concrete or asphalt surface. Installation of detectable guide strips is not considered complete until Work that they are a part of is also complete and accepted according to Section 00749 or Section 00759, as applicable.

Item (d) includes installation of tactile warning device on concrete or asphalt surface.

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

No separate or additional payment will be made for any repair or replacement of tactile surface indicators associated with repair or replacement Work in other Sections.

SECTION 00865 - LONGITUDINAL PAVEMENT MARKINGS - DURABLE

Comply with Section 00865 of the Standard Specifications.

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications.

SECTION 00920 - SIGN SUPPORT FOOTINGS

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

00920.10 Materials - Replace this subsection, except subsection number and title, with the following:

Furnish Materials for constructing sign support footings meeting the following requirements:

Anchor Bolts	02560.30
Backfill, unless otherwise directed....	00510.10 or 00510.11
Commercial Grade Concrete.....	00440
Reinforcement.....	02510

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Structural Concrete 00540

Furnish Commercial Grade Concrete for minor sign support foundations. Furnish structural concrete for major sign support foundations.

00920.41 Concrete - Replace the paragraph beginning "Construct concrete sign foundations..." with the following:

Construct concrete minor sign support foundations according to Section 00440 and the applicable portions of 00540.48(a). Construct major sign support footings according to Section 00540.

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

The estimated quantities of concrete for minor sign supports are:

Support Type	Quantity
Perforated Steel Square Tube Slip Base Sign Supports	0.9 cu. yd.
Perforated Steel Square Tube Anchor Sign Supports	0.18 cu. yd.

SECTION 00930 - METAL SIGN SUPPORTS

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

00930.01 Definitions - Add the following definition at the end of this subsection:

Street Name Sign Mount - This group includes plates, brackets, and fasteners necessary to install a street name sign on a sign support.

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

The estimated quantities of structural steel are as follows:

Item	Estimated Quantity (Pound)
Mounts	
Secondary Sign Mounts	—
Minor Sign Supports	
Perforated Steel Square Tube Slip Base Sign Supports	157
Perforated Steel Square Tube Anchor Sign Supports	135

00930.90 Payment -

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Replace the paragraph that begins "No separate or additional payment will..." with the following paragraph:

No separate or additional payment will be made for:

- Coating steel sign supports
- Route marker frames
- Wind bracing
- Pole clamps
- Stainless steel clamps
- Mast Arm Street Name Sign Mounts
- Street Name Sign Mounts
- Special sign brackets.

SECTION 00940 - SIGNS

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

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

Trim and remove branches, vegetation, or other materials obstructing the visibility of signs by Public Traffic, as directed.

00940.90 Payment - Add the following paragraph(s) to the end of this subsection:

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

SECTION 00960 - COMMON PROVISIONS FOR ELECTRICAL SYSTEMS

Comply with Section 00960 of the Standard Specifications modified as follows:

00960.30 Licensed Electricians – Replace this subsection, except for the subsection number and title, with the following:

According to the Oregon Administrative Rule 918-282-0120(1), no person or Entity shall allow any individual to perform electrical work for which the individual is not properly registered or licensed. Every person who installs electrical systems on the Project shall submit a copy of their electrical license or apprentice registration to the Engineer prior to performing any Work. They must be licensed as an S or a J under Oregon Administrative Rule 918-282-0140 or 918-282-0170.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

00960.45(b) Grounding/Bonding Wire - Replace this subsection, except for the subsection number and title, with the following:

Use a THWN No. 6 AWG stranded copper grounding/bonding wire in conduit or as shown. Use an un-insulated No. 4 AWG stranded copper grounding/bonding wire outside of conduit or as shown. When splicing grounding/bonding wire, use a reversible electrical splice.

00960.46 Service Cabinet and Electrical Energy -

Add the following to the end of the subsection:

Table 00960-1 contains Utility contact information to arrange for Utilities to make electrical hookups:

Table 00960-1

Location	Utility	Utility Contact Person's Name, Email and Phone Number	Utility Job Number
Pilkington/Dawn	PGE – Service Cabinet	Eric Parker eric.parker@pgn.com 503.806.3556	M5952294
Pilkington/Dawn	PGE – Street Lighting	Rico Solis Torres Rodrigo.Solis@pgn.com 503.403.9084	M5952300

Furnish and install a meter base approved by the serving Utility (with cover by the Utility), where shown for the RRFB system.

Electrical energy for the street lighting system is flat-rated. Meter base is not required.

SECTION 00970 - HIGHWAY ILLUMINATION

Comply with Section 00970 of the Standard Specifications modified as follows:

00970.00 Scope - Add the following:

This Work includes furnishing and installing Clackamas County approved materials and providing a roadway illumination system on separate illumination poles that meets the requirements and standards of Portland General Electric (PGE) Schedule 95 Option A as shown on the plans. If there is a conflict between PGE standards and these specifications, the more stringent standard shall control.

Provide lighting equipment as specified in the Special Provisions, the project plans or from the PGE Approved Street Lighting Equipment List in effect on the date the Project is advertised.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Add the following subsection:

00970.01 Definitions:

Qualified Worker - A qualified worker means one who is knowledgeable about the construction and operation of the electrical power generation, transmission, and distribution equipment as it relates to his or her work, along with the associated hazards, as demonstrated by satisfying the qualifying requirements for a "qualified person" or "qualified employee" with regard to the work in questions as described in 29 CFR 1910.269 effective January 31, 1994, as it may be amended from time to time. In this case, a Qualified Worker is a journeyman lineman, or someone who has the equivalent training, expertise and experience to perform journeyman lineman work.

Add the following subsections:

00970.30 Qualified Worker - In addition to the requirements of 00960.30, provide a qualified worker meeting the requirements defined in 00970.02 for performing work under this Section.

00970.55 PGE Trench and Installation Requirements:

(a) Trench Excavation

- Contractor is responsible for all trench excavation and backfilling, compaction, road crossings, conduits, elbows, vaults, junction boxes, landscape restoration, associated permits and any other requirements to complete the construction for streetlight service.
- PGE requires the contractor to install the concrete footing for the streetlight pole while their trench is open. PGE will provide the pole footing for Option A streetlights, they are to be installed with $\frac{3}{4}$ minus gravel tamped around the base. Footings for streetlight poles are to be installed flush with grade
- Trenches are to be 48 inches deep when shared with other utilities, and otherwise at least 36 inches in depth.
- An on-site preconstruction meeting is required for all projects with the PGE's Field Construction Inspector.
- Finished grade must be established prior to trench excavation to ensure that minimum cover requirements for cables and conduits are attained. Minimum cover requirements for cables are measured from the trench surface to the top of the cable or conduit.
- Contractor to contact the PGE Service Desk (503-323-6700) to schedule inspection of the trench prior to backfill. Reference PGE Work Order #M3827348. Contractor to allow 2 weeks to PGE to schedule the inspection.

(b) Conduits and Elbows

- All conduit routes must be approved by PGE prior to installation by the Customer, customer-installed conduit must be inspected by PGE before backfill.
- All conductors are to be installed in conduit. Conduits are to be sized for the required conductor, as determined by PGE.
- Three-inch diameter conduit is required for all runs over 100 feet and for all runs serving more than one light.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- One-inch diameter conduits may be used for runs not exceeding 100 feet in length and serving only one light
- HDPE duct may be used for horizontal directional boring applications. The duct must meet the requirements of PGE specification L22501 (available upon request of your PGE project manager).
- For safety reasons, the duct must be black with three equally spaced extruded red stripes, which is a specification requirement. Aluminum couplings with barbed threads on both ends must be used to join HDPE duct sections, and straight couplings with barbed threads on one end and NPT on the other end must be used for connecting to PVC duct.
- All conduits must be gray electrical grade schedule 40 PVC, flex conduit is not allowed.
- All conduits are to contain a 500-pound test non-conductive pull string with 6 feet of pull string extending beyond each end of the conduit.
- Bends are to be rigid steel or PGE approved fiberglass as noted in PGE's Electrical Service Requirements book: For conduit runs longer than 151 feet, or for any length run with more than 180 degrees in bends. No more than 3-90 degree elbows or a total of 270 degrees of bends in any conduit run;
- 36-inch radius elbows are required for all conduit runs longer than 6 feet. 24-inch radius elbows are allowed for 1-inch Sch 40, PVC conduit runs of 6 feet or less, while still maintaining a 36-in minimum depth with prior PGE approval.
- For three-inch and two-inch conduit, sweeps must be separated by a minimum 5-foot straight section. There must be a 3-foot minimum straight section from a vault.
- All elbow bends must be factory made and all conduit and elbow ends shall be smooth and free of burrs and rough edges.
- If the power source is at a utility pole, the terminal elbow is to be installed eight inches from the pole, and attached to a PGE installed standoff bracket, at the quadrant specified by PGE.
- When a new conduit and/or pull line will be entering an existing PGE secondary vault or transformer, the installer is required to contact PGE prior to installation. A PGE crew will be scheduled to meet the installer at the site to assist with the installation. **To schedule a PGE stand-by crew, please call PGE Service Coordinators at (503) 323-6700 or toll-free (800) 542-8818.**
- **Oregon Utility Notification Center at, (800) 332-2344, 811, or online at www.callbeforeyoudig.org, must be called to locate any underground facilities at least two business days (48 business hours) prior to any digging.** contractor is responsible for duct proofing all ducts installed for PGE jobs before the job is completed and before the installation of PGE conductors.

(c) Junction Boxes:

- All junction boxes are to be PGE-approved (available upon request of your PGE project manager), the lid must be secured with five sided Penta-head bolts.
- Minimum 6 inches of 3/4-inch minus well-compacted backfill under and around the outside of the junction box
- Customer to install a PGE-provided ground rod inside the junction box, a maximum of 3 inches of ground rod must be showing inside the junction box.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- Junction box must be set 2 inches above final grade or on the highside of the slope. Junction boxes set on a sidewalk must be set to grade. Junction boxes cannot be covered by landscape materials. If PGE locates a hidden junction box within 6 months of PGE taking ownership, PGE will bill the contractor for the cost to locate and make any additional repairs to bring the junction box to grade.
- Junction boxes are required at each streetlight location where conduit runs serve more than one light, or conduit runs exceed 100 feet in length, or conduit sizes are greater than one-inch diameter.
- A minimum of twelve inches working space is to be provided between the top of elbows and the junction box lid to allow bending wire without damage to the wire.
- The elbows are to be clustered at one end of the junction box.
- Where multiple lights are served from a run of wire, three-inch conduit and junction boxes are always required.

(d) Pole Placements

- Where there is a planter strip, streetlights are to be placed a minimum of 2 feet from face-of-pole to face-of-curb.
- Where sidewalk is directly behind curb, streetlight placement is 6 inches behind walk.
- Conduit and junction boxes are to be placed in the Public Utility Easement (PUE).
- All other locations must be approved by a PGE Lighting Project Manager.
- All metal poles must be grounded per NESC 215.C and NESC Section 9, using a 5/8" x 8' galvanized rod, connected to the grounding lug inside the pole using solid #6 Cu BSD wire (stranded wire is not acceptable). PGE will provide the ground rod and copper wire for grounding the metal streetlight pole. Ground rods will be installed a minimum of 6 inches behind the concrete footing and a minimum of 2 inches below grade. The copper wire is to be coiled at both ends for PGE, copper wire will be pulled through one of the flutes in the concrete footing during the footing installation and the other end placed adjacent to the ground rod.

For power supply to streetlights, contractor to contact the PGE Service Desk (503-323-6700) to schedule PGE crews to energize the streetlights after all new illumination facilities have been installed and passed PGE inspection. Contractor should allow up to 8 weeks for PGE to schedule crews to complete the work.

00970.80 Measurement - Replace this subsection, except for the subsection number and title, with the following:

No measurement of quantities will be made for Work performed under this Section.

The quantities of lighting poles and arms are listed on the Project Plans. Any adjustment to the contract lump sum amount will be made according to 00190.10(h).

00970.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities will be made at the contract lump sum amount for the following items:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Pay Item	Unit of Measurement
(a) Pole Foundations.....	Lump Sum
(b) Illumination Conduit and Wiring	Lump Sum

Item (a) includes all picking up and installing of PGE-supplied precast concrete foundations as specified.

Item (b) includes all conduit, wiring, delineators, junction boxes, and other items required to construct the lighting system as specified.

SECTION 00990 - TRAFFIC SIGNALS

This Section title is replaced with the following:

SECTION 00990 - TRAFFIC SIGNALS, RAMP METERS, FLASHING BEACONS, INTERCONNECT SYSTEMS & AUTOMATIC TRAFFIC RECORDERS

Comply with Section 00990 of the Standard Specifications modified as follows:

00990.00 Scope - Replace this subsection, except for the subsection number and title, with the following:

In addition to requirements of Section 00960 and Section 00962, install traffic signals, ramp meters, flashing beacons, interconnect systems, and automatic traffic recorders according to the following Specifications.

00990.13 Power Service Cabinet - Service cabinets shall be the following or an approved equal:

Fouch Drwg #0600-0074-00 (NEMA 3-R Metered Base Mount Service Cabinet Clackamas County).

00990.14 Fire Preemption Equipment – Fire Preemption systems for installation at traffic signals shall be as follows:

Fire Preemption system shall be GTT Opticom. See plan set for additional details. The following components make up the fire preemption system.

(a) **Fire Preemption Phase Selector (P/N: Opticom 762)** - Interface device for installation in the cabinet.

(b) **Fire Preemption Detector Unit (P/N: Opticom 721)** - Field detector for fire preemption system.

(b) **Fire Preemption Detector Feeder Cable (P/N: Opticom 138)** – For installation between the cabinet and the field detector at the location shown in the plan set.

00990.15 Pedestrian Push Buttons and Mount - Pedestrian pushbuttons for installation at traffic signals shall be as follows:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

Pedestrian push button system shall be a Polara iNavigator 2-Wire (iNS2) Push Button Station (P/N: iNS2-3-T-N-0-B) or approved equal. See the Contract Plans for additional details. The following components make up the push button system:

- (a) **Push Button Station (P/N: iNS2 PBS)** - The main body with pushbutton for installation on the signal or pedestrian pole using 2-Wire push button wired as a 3-Wire system.
- (b) **Ped Head Control Unit (P/N: iPHCU3W)** - Interface device for installation in pedestrian signal head. One per Push Button Station.
- (c) **Pedestrian Push Button Decal** - The pedestrian push button sign shall be a Polara option T (Hi-Intensity Retroreflective MUTCD R10-3e) 9"x15" sign.
- (d) **Interconnect Cables (iN3-CABLE-X)** - Pre-cut lengths (12', 25', or 50') of interconnect cable from Push Button Station to Ped Head Control Unit.
- (e) **iNav Bluetooth Dongle (iN-DGL)** - Bluetooth dongle to communicate from personal computer with Polar iN3 Push Button Station.

00990.16 Rectangular Rapid Flashing Beacons – The installation of rectangular rapid flashing beacons (RRFB) shall be as follows:

- (a) **RRFB Assembly Unit** – The RRFB shall be a Carmanah (P/N: SC315-G) with AC Power Kit and uni- or bi-directional light bar configurations as shown on the Contract Plans or approved equal.
- (b) **Push Button System** – RRFB push button system shall be a Polara Crosswalk Button Station (P/N: iNX9WN0-Y) or approved equal.

00990.17 Traffic Signal Circuits

All high-voltage wiring smaller than #10 AWG shall be IMSA 19-1 cable.

The #14 AWG, multi-conductor cables ran for traffic signal circuits will conform to IMSA Specification 19-1. Color coding of the conductors will be as follows:

Traffic Signal Color Code
Clackamas County, Oregon
#14 AWG IMSA 19-1 Traffic Signal Cable
Mast Arms Only

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

	Function (Phase)	20 Conductor [Feed]	10 Conductor [Branch]	7 Conductor [Branch]	5 Conductor [Branch]	4 Conductor [Branch]
Main Street	Phase Red	Red	Red	Red	Red	Red
	Phase Yellow	Orange	Orange	Orange	Orange	Orange
	Phase Green	Green	Green	Green	Green	Green
Side Street	Phase Red	Red/Black	Red/Black	Red	Red	Red
	Phase Yellow	Orange/Black	Orange	Orange	Orange	Black
	Phase Green	Green/Black	Green/Black	Green	Green	Green
Left Turn	Phase Red	Red/Black	White/Black	White/Black	Red	Red
	Phase Yellow	White/Red	Black	Black	Orange	Black
	Phase Green	Black/White	Blue	Green	Green	Green
Overlap	Phase Red	Red/Green	White/Black	White/Black	Red	Red
	Yellow/Flashing Yellow Arrow	Orange/Red	Black	Black	Orange	Black
	Phase Green	Blue/Red	Blue	Blue	Green	Green
Main Street	Phase Don't Walk	Red/White	Red	Red	Red	-
	Phase Walk	Green/White	Green	Green	Green	
Side Street	Phase Don't Walk	Black	Red/Black	Red	Red	-
	Phase Walk	Blue/White	Green/Black	Green	Green	-
Push-Button	Common	White/Black	White/Black	White/Black	Orange	-
	Main Street Phase	Blue	Blue	Blue	Black	-
	Side Street Phase	Blue/Black	Black	Black	Black	-
Spare		White	-	-	-	-
AC Common (Branch Only)		-	Spare	White		

00990.30 Video/Radar Detector Manufacturer's Representative - Replace this subsection, except for the subsection number and title, with the following:

When video/radar detection is shown, provide the services of a manufacturer's representative on-site within 1 week in advance of the anticipated electrical installation completion date to set-up devices with Agency electrical crew present.

Add the following subsection:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

00990.45 Repair Open Holes In Metal Poles, Pedestals, and Mast Arms – Repair holes in metal poles, pedestals, and mast arms caused by removal of equipment using pipe plugs. For holes larger than 1 inch in diameter or of irregular shape, submit method and materials to be used.

00990.50 Signal Covers - Add the following paragraph to the end of this subsection:

Signal covers may be omitted for flashing beacon bid items.

00990.70 Testing and Turn-On - Replace this subsection with the following subsection:

00990.70 Chamber Testing - This Work includes testing Equipment that requires chamber testing.

(a) Delivery of Equipment - Provide all Equipment requiring chamber testing for the Project according to the cabinet print(s), including all associated manuals, diagrams, and other documents. The cabinet print(s) will be made available to the Contractor by the Engineer. Deliver all Equipment, including wiring diagrams and operation manuals, in one shipment. Partial shipments will not be accepted and will be returned to the Contractor at no additional cost to the Agency. Include the following information with the Equipment shipments:

- Contractor
- Location of Equipment on Project (i.e. street names of Intersection or street alignment/name plus station)
- For controller cabinets, TSSU ID number
- Contract number
- Completed Green Sheets

Deliver the Equipment and information for testing to:

Oregon Department of Transportation
Traffic Systems Services Unit
2445 Liberty St. NE
Salem, Oregon 97303-6738

(b) Equipment Requiring Chamber Testing - The following Equipment will be tested by the Agency before being installed:

- Controller unit
- Controller cabinet
- Power supplies
- Input devices
- Output devices
- Conflict monitors
- Flasher units
- Relays

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- Preemption devices
- Auxiliary Equipment in the controller cabinet
- Other Equipment required for the operation of the installation
- Video/radar/hybrid detection systems
- Equipment listed as “chamber tested” on the green sheets

Equipment will be tested at no cost to the Contractor.

The Equipment will be tested in three categories: physical, functional, and environmental as specified in the *Standard Specification for Microcomputer Signal Controller*. ODOT will require at least 8 weeks for completion and evaluation of the testing.

(c) Equipment Failure - An Equipment failure is any occurrence that results in non-specified operation of the Equipment.

Notification of any Equipment failures will be provided. Make on-site repairs within 5 Days of receiving the notification.

Following repair of the Equipment, the testing will be resumed at the beginning of the test category in which the failure occurred.

(d) Equipment Rejection - The Equipment will be rejected under either of the following conditions:

(1) Twice Fail - The Equipment fails twice in the same testing category.

(2) Failure to Repair - The Contractor fails to repair the Equipment within 5 Days of receiving notification of the failure.

Pick up rejected Equipment within 10 Days of receiving the rejection notice, or it will be returned, at Contractor's cost, to the Contractor.

Replace rejected Equipment with Equipment having a different serial number.

Rejected Equipment will not be accepted for testing or installation on any subsequent project within the State of Oregon.

(e) Equipment Acceptance - Equipment that successfully passes the chamber testing procedure will be certified by the Agency as acceptable for installation. Acceptability for installation does not guarantee final acceptance of the completed installation.

The successful completion of the testing does not relieve the Contractor of the responsibility to furnish a complete working electrical installation at the time the Equipment is placed in operation.

The Contractor will be notified when the testing has been completed. Pick up the controller cabinet and video/radar/hybrid detection systems at the test facility.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

(f) Controller Cabinet Control Equipment Installation - Be responsible for pick-up, delivery and installation of the controller cabinet and video/radar/hybrid detection systems.

The Agency will be responsible for delivery and installation of the other control Equipment, such as controller units, input devices, switch packs, monitor units, miscellaneous plug-in devices and auxiliary devices not physically wired to the controller cabinet.

Equipment that the Agency is to install will be stored at the test facility until the electrical installation is ready to be turned on.

Add the following subsection:

00990.71 Field Testing - Field testing of electrical installations will be performed by Agency electrical crews. Notify the Engineer one week in advance of the anticipated electrical installation completion date.

Field testing will be performed within one week following the date of completion. The Engineer will notify the Contractor of the test results.

Information on Agency field testing procedures is available from the Engineer.

Add the following subsection:

00990.72 Turn-on - This Work includes turning on completed electrical installations.

(a) General - The Engineer will establish the date and time the electrical installation is to be turned on. The Agency will turn on the electrical installation within one week after completion of corrections identified during field testing.

Be present at the Project Site the date of the turn-on, for the duration of the turn-on process.

After electrical installations are turned on and operating as designed, the agency responsible for maintenance will assume operation and maintenance of the electrical installation. Turn-on does not constitute final approval. The Contractor is still obligated to finish any incomplete portion of the electrical installation and correct problems with workmanship or replace material that does not meet Specifications. After turn-on, damage to the electrical installation caused by conditions beyond the Contractor's control will be the responsibility of the maintaining agency.

(b) For Traffic Signals, Ramp Meters, and Automatic Traffic Recorders - The Agency will be responsible for providing operating software and timing parameters for traffic signals, ramp meters and automatic traffic recorders. Do not turn on electrical installations without the Agency provided timing parameters.

(c) For Flashing Beacons and Other Electrical Installations - The Agency will be responsible for providing the timing and setting parameters for the following flashing beacons and other electric installations as listed in the Green Sheets:

- 24/7 flashing beacon assembly, yellow + speed feedback

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- Actuated flashing beacon assembly (all subcategories)
- Rectangular rapid flashing beacon (RRFB) assembly
- Unintegrated speed feedback assembly

Do not turn on electrical installations without the Agency provided parameters.

00990.90 Payment - Replace Pay Item (f) with the following:

(f) Flashing Beacon Installation, SW Pilkington Road & SW Dawn Street RRFB

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

Item (f) includes furnishing and installing all items of the flashing beacon system, including the standard pole foundations, poles, flasher hardware, base mounted service cabinet, conduit, wiring, and junction boxes associated with RRFB, and signs as shown in plans. Any required excavation and disposal of excavated soil is to be considered incidental to this lump-sum Pay Item. No separate payment will be made for excavation.

SECTION 01030 - SEEDING

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

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

Provide the following seed mix formulas:

- **Lawn Seeding:** Protime 310 or approved equal

Name	PLS Specified Rate (lb/acre)
------	---------------------------------

Perennial Ryegrass**	70
Sheep Fescue**	15
Creeping Red Fescue**	15

** Furnish strong growing, site appropriate, disease resistant varieties

01030.61(b) All Other Seeding - Replace the bullet that begins "The seeding Establishment Period..." with the following bullet:

- The seeding Establishment Period will end 45 Days after the beginning of the Establishment Period, if the area was seeded within the seeding dates according to 01030.43, and all establishment responsibilities have been met.

Replace the bullet that begins "If the original seeding construction..." with the following bullet:

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

- If the original seeding construction is completed and accepted outside the permanent seeding dates, the Establishment Period will end 45 Calendar Days after all necessary reseeding is completed and accepted during the following seeding dates according to 01030.43.

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

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

01030.90 Payment – Delete Pay Items (l) and (m) from the Pay Item list.

Add the following to the end of this subsection:

Soil testing, topsoil, wetland soil, soil amendments, and bio-amendments will be paid for according to 01040.90.

SECTION 01040 - PLANTING

Comply with Section 01040 of the Standard Specifications modified as follows:

01040.02 Definitions: Add the following definitions to the end of this subsection:

Fall - The period beginning on the equinox in September through solstice in December.

Summer - The period beginning on the solstice in June through the equinox in September.

01040.04(a) Planting Work Plan – Replace the bullet that begins "Plant installation and..." with the following bullet:

- Plant installation

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

- Plant establishment plan according to 01040.70

Add the following subsection:

01040.05 Submittals – Submit the following for review and approval:

- Contract Growing Plan according to 01040.19(g).
- Planting work plan according 01040.04(a).
- Plant establishment plan according to 01040.70.
- Weed Control Work Plan according to 01030.42(a).
- Photo log 10 Days after each plant establishment visit and periodic inspection. Furnish date stamped photographs in photo log of each plant establishment site visit with

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

photos of multiple individual plants, seeded areas and weed control areas that are sufficiently close to display plant condition and that are representative of the health, vigor and growth of the site plantings.

01040.19(b) Quality - Replace the paragraph that begins "Furnish plants that are acclimated..." with the following paragraph:

Furnish plants that are acclimated to the specific Project environmental site conditions prior to planting. Store all container-grown and balled and burlapped plant materials acquired for planting a minimum of 3 months before planting, as specified in 01040.41 or 01040.42, at a location north of the Oregon - California border.

01040.19(h)(2) Deciduous Trees - Replace the paragraph that begins "Trees with leaves that are..." with the following paragraph:

Trees which shed their leaves annually.

01040.19(h)(7) Seedling Trees - Replace the paragraph that begins "Plants that are grown from seed..." with the following paragraph:

Plants that are grown from seed in a nursery and brought to the site in a bare root condition. Provide seedlings labeled with age and certification (class number) which shows the length of time grown in a nursery seedbed, followed by the length of time grown in a transplant bed. Furnish seedling trees that are a minimum 2 years old.

01040.41 Planting Season (West of the Cascades) - Replace the title of this subsection with "Planting (West of the Cascades)".

01040.42 Planting Season (East of the Cascades) - Replace the title of this subsection with "Planting (East of the Cascades)".

01040.48(b) Method "B" (Non-Cultivated Planting Areas) - Replace the paragraph that begins "Finish Wetland mitigation planting ..." with the following paragraph:

Finish Wetland mitigation planting areas to specified finish elevations, blending to existing ground smoothly, as required and directed. Except for projects that are less than 1 year in duration and unless otherwise approved, review the hydrology of the area to be planted for the period November 15 to February 28 prior to planting any Wetland plants. Adjust plant types and planting locations as required or directed, based on the review of site hydrology.

01040.50(a)(1) Mechanical Digging - Replace this subsection, except for the subsection number and title, with the following:

Use a tree spade unless otherwise directed. Move only while the tree is dormant. Treat deciduous plants with anti-transpirant prior to excavation. Confirm with the Agency that the size of the spade is appropriate to the size and type of tree prior to beginning Work. Dig the receiving hole prior to digging the tree to be transplanted. Take care not to damage the tree bark. Refill the original hole after transplanting. Do not move Oregon White Oak (*Quercus garryana*) by this method.

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

01040.50(g) Plant Cuttings - Replace the paragraph that begins "Collect and plant the cuttings ..." with the following paragraph:

Collect and plant the cuttings while the plant is dormant, generally between October and March. Notify the Agency if conflicts exist with permit requirements. Store all cut material in ventilated plastic containers that allow free flow of water. Protect root systems from excessive drying at all times. Do not store plants in airtight containers.

01040.53(b)(3) Compost Blanket - Replace this subsection with the following subsection:

01040.53(b)(3) Compost Mulch - Spread compost on top of the Soil to a nominal depth of 3 inches. Where a compost erosion blanket is in place according to 00280.44(f) apply and spread additional compost to achieve a depth of 3 inches.

01040.54(a) Pressure Moisture Stress Sensor - Replace the bullet that begins "At 1 month intervals..." with the following bullet:

- At 1 month intervals throughout the Summer, up to the first Fall rain or snow.

01040.70 Plant Establishment – Add the following paragraph and bullets after the paragraph that begins "The Contractor is responsible..."

At a minimum of 15 Days prior to landscape Work, submit the plant establishment plan as part of the planting work plan according to 01040.05. Should the plan become unworkable at any time during Plant Establishment Period, submit a revised plan prior to proceeding with further Work. Include the following in the plant establishment plan:

- Activity descriptions necessary to ensure continued health and vigor of planted and seeded areas according to 01030.60 and 01040.71.
- Proposed scheduling of joint inspection meetings, weeding, and watering/irrigation schedule.
- Materials including herbicides and fertilizers, and Equipment to be utilized for the plant establishment.
- Proposed adaptive management activities for successful establishment of seeded, sodded, and planted areas, during changing environmental conditions or unanticipated weather.

01040.72 Periodic Inspections - Replace the bullet that begins "Spring..." with the following bullet:

- Early May

Replace the bullet that begins "Summer..." with the following bullet:

- Mid-July

Replace the bullet that begins "Fall..." with the following bullet:

- Late September

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

01040.73 Corrective Work - Replace the paragraph that begins "The Contractor will be allowed..." with the following paragraph:

The Contractor will be allowed to replace plants outside the planting times described in 01040.41 or 01040.42 as applicable to perform corrective work after each periodic inspection.

01040.77(b) Trimming and Pruning - Replace the paragraph that begins "Prune during the dormant..." with the following paragraph:

Prune during dormancy unless otherwise specified. Remove and dispose of all dead and critically damaged plant material to maintain the overall appearance of the Project.

SECTION 02510 - REINFORCEMENT

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

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

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

02510.20 Mechanical Splices - Replace this subsection, except for the subsection number and title, with the following:

Furnish mechanical splices from the QPL. Where bars of different sizes or strengths are connected, the strength of the smaller or weaker bar governs. Measure the total slip displacement after loading in tension to 30.0 ksi and relaxing to 3.0 ksi. The maximum allowed displacement for bars up to No. 14 is 0.01 inches. and is 0.03 inches for No. 18 bar.

- **Type 1 Mechanical Splices** - Furnish Type 1 Mechanical Splices that develop at least 125 percent of the specified minimum yield strength of the reinforcing bars. Type 1 Mechanical Splices are not allowed for column bars.
- **Type 2 Mechanical Splices** - Furnish Type 2 Mechanical Splices that develop at least 125 percent of the specified minimum yield strength of the reinforcing bars and 100 percent of the specified tensile strength of the reinforcing bars.

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

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

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

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

SW Pilkington Road at SW Dawn Street Enhanced Crossing Project

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

SECTION 02630 – BASE AGGREGATE

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

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

Provide open-graded Aggregate meeting the following grading requirements:

Table 02630-2
Aggregate Gradation for Open-Graded Aggregate

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:

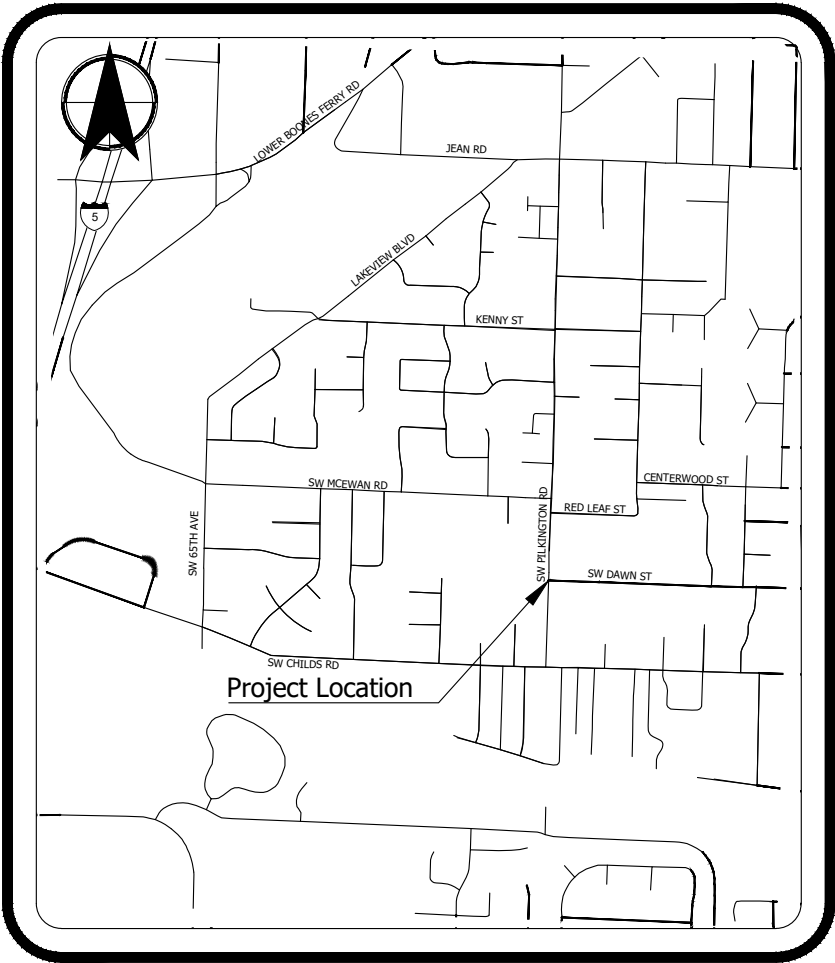
Percentage of Fracture (by Weight)

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

CLACKAMAS COUNTY
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
PLANS FOR GRADING, DRAINAGE, ROADSIDE DEVELOPMENT, SIGNING, PAVEMENT MARKINGS, SIGNALS, ILLUMINATION
SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED CROSSING PROJECT
CLACKAMAS COUNTY
OREGON

INDEX OF SHEETS

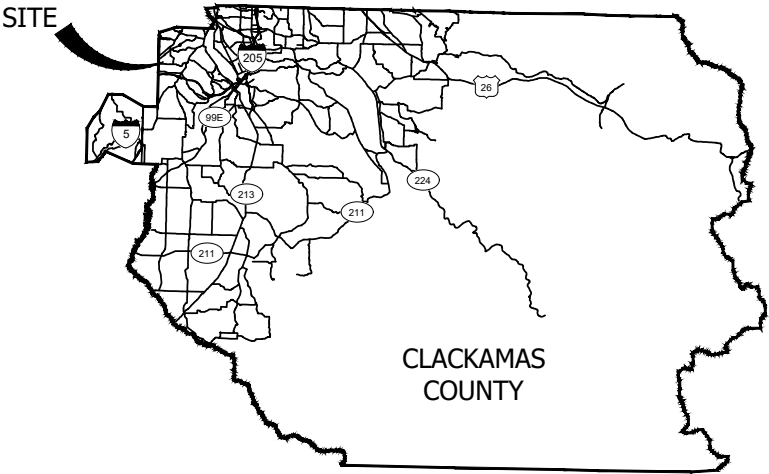
A01	Titlesheet
A02	Legend and Abbreviations
BB01	Roadway Details
BC01 Thru BC02	Curb Ramp Details
C01	General Construction
FB01	Erosion & Sediment Control
MA01	RRFB & Illumination Legend
MB01	RRFB & Illumination Plan
MC01-MC02	RRFB & Illumination Details
QA01	Signing and Striping Plan and Legend
QA02	Signing Details and Sign and Post Data Table
QA03	Signing Details



SEC. 29 T.1S. R.2E.

VICINITY MAP

SCALE: 1" = 1500'



UTILITY NOTIFICATION:

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 952-001-0090. You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For The Oregon Utility Notification Center Is (503) 232-1987.)

PROJECT CONTACTS

OWNER
CLACKAMAS COUNTY
CONTACT: Michael Oleson, P.E.
ADDRESS: 150 Beavercreek Rd
Oregon City, OR, 97045
PHONE: 503.742.4658
EMAIL: MichaelOle@clackamas.us

SURVEYOR
CLACKAMAS COUNTY
CONTACT: Brian Paull
ADDRESS: 150 Beavercreek Rd
Oregon City, OR, 97045
PHONE: 503.742.4475
EMAIL: bpaull@clackamas.us

ENGINEER
KITTELSON & ASSOCIATES, INC.
CONTACT: Sara Parks, P.E.
ADDRESS: 851 SW 6th Avenue, Suite 600
Portland, OR 97204
PHONE: 503.535.7464
EMAIL: sparks@kittelson.com

KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169



TITLE SHEET
SW PILKINGTON ROAD AT
SW DAWN STREET
ENHANCED CROSSING PROJECT
DATE: MAY 27, 2026
PROJECT NO.: 300325560

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

DESIGNED BY: M. STRAMLER
DRAFTED BY: M. STRAMLER
CHECKED BY: S. PARKS

REVISIONS

NO. DATE:

SHEET NO. A01



ABBREVIATIONS

Δ	Delta Angle	MJ	Mechanical Joint	W	Water
AC	Asphalt Concrete	NO.	Number	WES	Water Environmental Services
ACP	Asphalt Concrete Pavement	NOM.	Nominal	WQ	Water Quality
AD	Area Drain	N.T.S./NTS	Not to Scale	WQMH	Water Quality Manhole
ADA	American Disabilities Act	ODOT	Oregon Department of Transportation		
BC	Bottom of Curb at Face	OSSC	2021 Oregon Standard Specifications for Construction		
BVC	Begin Vertical Curve	PC	Point of Curvature		
BW	Back of Sidewalk	PCC	Point of Compound Curvature		
CB	Catch Basin	PE	Plain End		
CI	Curb Inlet	PI	Point of Inflection		
COMP.	Composite	PSUE	Public Slope & Utility Easement		
CU	Cubic	PRC	Point of Reverse Curvature		
DI	Ductile Iron	PSE	Public Slope Easement		
DWG.	Drawing	PT	Point of Tangency		
Elec	Electrical	PUE	Public Utility Easement		
EA	Each	PVC	Poly Vinyl Chloride		
EAC	Edge of Asphalt Concrete	PVI	Point of Vertical Inflection		
ELEV	Elevation	R	Radius		
EVC	End Vertical Curve	RCP	Reinforced Concrete Pipe		
Extg.	Existing	R/W	Permanent Right-of-Way Easement		
F.L./FL	Flow Line	Rt.	Right		
FLG	Flange	S	Slope		
FT	Feet	Sta.	Station		
F.T.	Flat Top	SD	Storm Drain		
G	Gas	Sht.	Sheet		
GV	Gas Valve	T	Telecom		
IE	Invert Elevation	TBC	Top of Curb at Back		
Len	Length	TC	Top of Curb at Face		
LF	Linear Feet	Thkn.	Thickness		
Lt.	Left	TRK	Truck		
LVC	Length of Vertical Curve	VC	Vertical Curve		
Max.	Maximum	TCE	Temporary Construction Easement		
MH	Manhole				
Min.	Minimum				

LEGEND

	251	Existing Minor Contour
	250	Existing Major Contour
		Existing Telephone Line
		Existing Cable TV Line
		Existing Sanitary Line
		Existing Sanitary Force Main Line
		Existing Waterline
		Existing Overhead Wires
		Existing Underground Power Lines
		Existing Underground Traffic Signal Lines
		Existing Fiber Optic Line
		Existing Fence Line
		Permanent Right Of Way Easement
		Existing Storm Sewer Line
		Existing NW Natural Gas Line
		Existing Permanent Easement
		Existing Property Line
		Existing Berm Top of Bank
		Remove/Abandon Existing Pipe
		Existing Deciduous/Coniferous Tree

	Existing Sanitary Manhole
	Existing Storm Manhole
	Existing Storm Curb Inlet
	Existing Water Valve
	Existing Fire Hydrant
	Existing Water Meter
	Existing Street Light
	Existing Utility Pole
	Existing Guy To Utility Pole
	Existing Gas Meter
	Existing Gas Valve
	Existing Sign
	Existing Mail Box
	Existing Telephone Junction Box (Riser)
	Existing Telephone Manhole
	Existing Signal Controller Cabinet
	Existing Signal Junction Box
	Existing Survey Monument
	Existing Tree Removal

	Proposed Public Utility Easement
	Proposed Public Slope and Utility Easement
	Proposed Slope Easement
	Temporary Construction Easement
	Proposed Permanent Right Of Way Easement
	Proposed Minor Contour
	Proposed Major Contour
	Proposed Curb/Gutter
	Proposed Conduit
	Proposed Storm Sewer Pipe
	Proposed Sawcut Line
	Proposed Grading Daylight - Fill
	Proposed Grading Daylight - Cut
	Proposed Storm Manhole
	Proposed Storm Inlet
	Proposed Utility Pole Mounted Street Light
	Proposed Pedestrian Signal Pole
	Proposed Junction Box
	Proposed Mailbox

UTILITY CONTACTS

ELECTRIC (ILLUMINATION)
Portland General Electric (M5952300)
CONTACT: Rico Solis
ADDRESS: 121 SW Salmon St
Portland, Oregon, 97204
PHONE: 503.403.9084
EMAIL: Rodrigo.Solis@pgn.com

ELECTRIC
Portland General Electric (M5952294)
CONTACT: Eric Parker
ADDRESS: 121 SW Salmon St
Portland, Oregon, 97204
PHONE: 503.806.3556
EMAIL: eric.parker@pgn.com

NATURAL GAS
NW Natural (NWN)
CONTACT: Ryan Winfree
ADDRESS: 220 NW Second Ave
Portland, OR 97209
PHONE: 971.378.2448
EMAIL: NWNSherwoodEngineering@nwnatural.com

COMMUNICATIONS
Ziply
CONTACT: Rui Wu
ADDRESS: 4155 SW Cedar Hills Blvd
Beaverton, OR 97005
PHONE: 971.990.7269
EMAIL: rui.wu1@ziply.com

WATER
Clackamas River Water (CRW)
CONTACT: Joe Eskew
ADDRESS: 16770 SE 82nd Drive
Clackamas, OR 97015
PHONE: 503.747.8520
EMAIL: jeskew@crwater.com

SANITARY & STORM SEWER
Water Environmental Services (WES)
CONTACT: Don Kemp
ADDRESS: 150 Beaver Creek Road #430
Oregon City, OR 97045
PHONE: 503-742-4577
EMAIL: donkem@clackamas.us

COMMUNICATIONS
Comcast
CONTACT: Matt Bravo
ADDRESS: 11308 SW 68th Parkway
Tigard, OR 977223
PHONE: 503.351.9331
EMAIL: matthew_bravo@comcast.com

STANDARD DRAWINGS

Accompanied by WES Dwg.:
SWM-14, SWM-18, 4-9, 4-24

Accompanied by Clackamas County Dwg.:
C100, D650, D675, R100, S100, S150, S960,
T100, T130, T150, T250, T400

Accompanied by Oregon Standard Dwg.:
RD363, RD700, RD722, RD900, RD902, RD904,
RD910, RD920, RD960, TM457, TM467,
TM470, TM482, TM485, TM500, TM503,
TM671, TM676, TM681, TM687, TM688,
TM700, TM701, TM702

KITTELSON & ASSOCIATES

851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

REGISTERED PROFESSIONAL
ENGINEER
93121PE

Digitally Signed 2026.06.24

OREGON
March 9, 2021
SARA PARKS

RENEWS: 12/31/26

LEGEND AND ABBREVIATIONS

SW PILKINGTON ROAD AT
SW DAWN STREET
ENHANCED CROSSING PROJECT

DATE: MAY 27, 2026 PROJECT NO.: 300325560

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

DIRECTOR

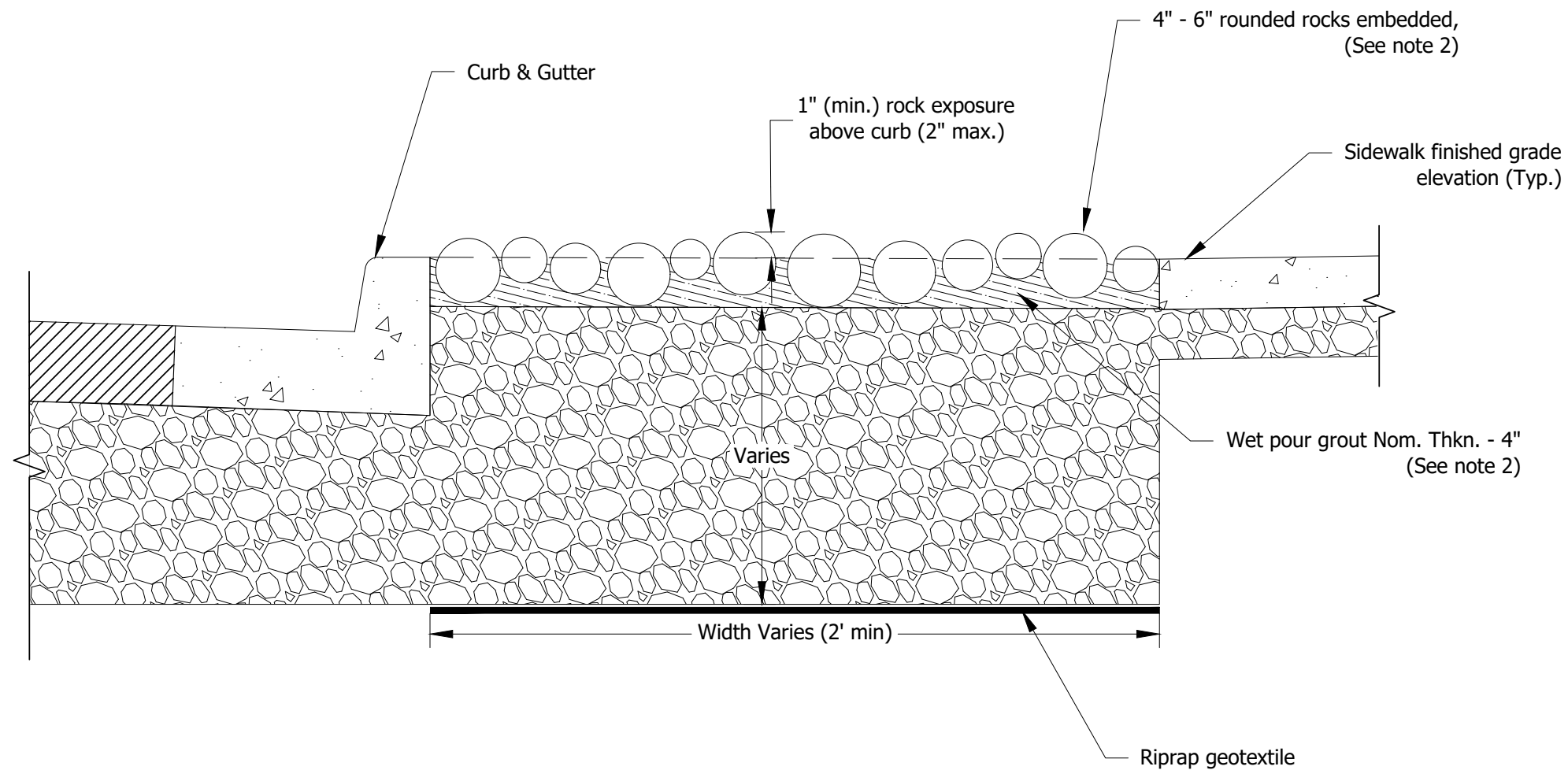
DAN JOHNSON

DESIGNED BY:	M. STRAWLER
DRAFTED BY:	M. STRAWLER
CHECKED BY:	S. PARKS

REVISIONS

NO.	DATE:				
-----	-------	--	--	--	--

SHEET NO.
A02



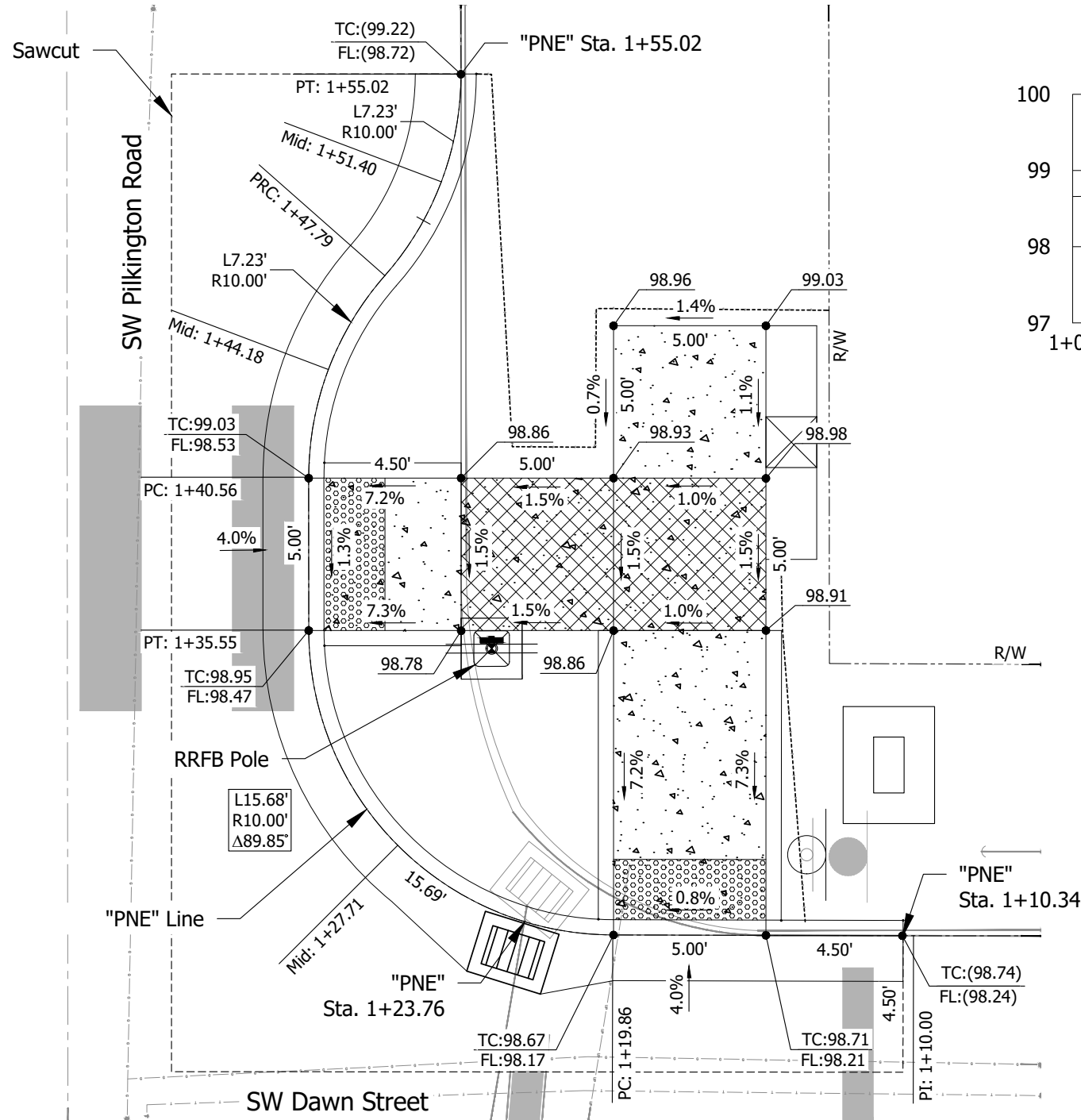
NOTES

1. See General Construction Plans and Curb Ramp Details for intended locations of grouted round rock.
2. For grouted round rock, after removal of forms from curbs and sidewalks, pour grout to the depths specified in sections. While grout is still wet take individual 4"-6" round non-angular rocks and press into the wet grout to the exposure depths shown. Wet grout will raise to an indeterminate height not to exceed the finished grade surface shown.
3. For grouted round rock, place round rocks at random spacing without any continuous open gaps greater than 1".



SHEET NO.	REVISIONS		CLACKAMAS COUNTY DEPT. OF TRANSPORTATION AND DEVELOPMENT 150 BEAVERCREEK ROAD OREGON CITY, OR 97045  CLACKAMAS COUNTY DAN JOHNSON DIRECTOR	ROADWAY DETAILS SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED CROSSING PROJECT DATE: MAY 27, 2026 PROJECT NO.: 300325560
	NO. DATE:			
		DESIGNED BY: M. STRAMLER		
		DRAFTED BY: M. STRAMLER		
		CHECKED BY: E. GERMUNDSON		
BB01				

Plot Stamp: 6/24/2026 9:47:18 AM - Eric Germundson
File: H:\3131928 - Pilkington Rd Enhanced Crosswalk\design\CD\BC-CURB RAMP DETAILS-31928.dwg

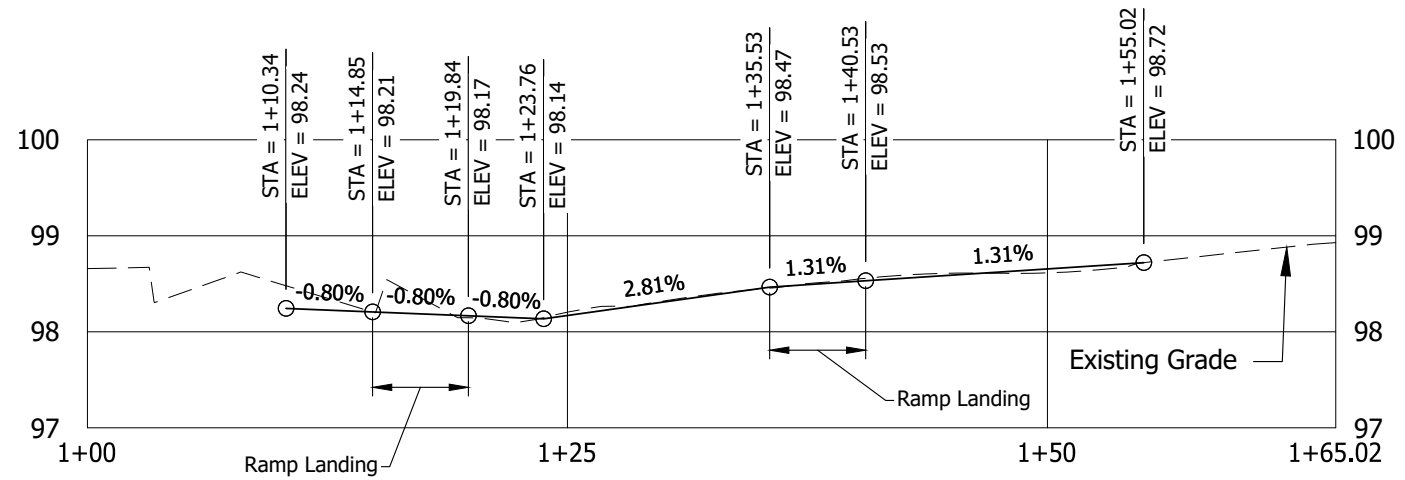


ABBREVIATION

TC = Top Face of Curb (Elevation ft.)
BC = Bottom Face of Curb (Elevation ft.)
FL = Flow Line Along Gutter (Elevation ft.)
(XXX.XX) = Match Extg. Grade

LEGEND

- Sidewalk
- Turning space
- Truncated dome detectable warning surface
- Transition panel

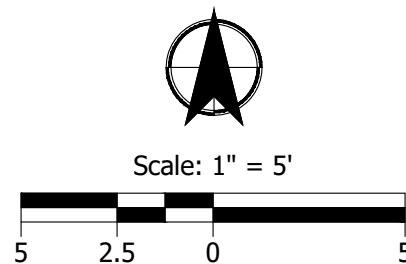


CURB RETURN PROFILE

Horizontal Scale: 1"=10'
Vertical Scale: 1"=2'

GENERAL NOTES

- Slopes hold over elevations. contractor shall take all necessary field measurements to verify plan design meets ADA compliance and notify the engineer if the ramps cannot be constructed as shown. Refer to specification section 00759 for full requirements.
- See ODOT Std. Dwgs. RD900 through RD960 for details not shown.
- Contractor shall keep the concrete structure free from contact, strain, and public traffic for at least 7 calendar days or longer as directed according to standard specification 00759.51.
- Contractor shall notify Clackamas County once ramps are completed for a post ramp construction inspection.



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

REGISTERED PROFESSIONAL
ENGINEER
90732PE
Digitally Signed 2026.06.24
OREGON
MAY 14, 2019
ERIC EDWARD GERMUNDSON
RENEWES: 06/30/2027

REVISIONS

NO. DATE:

SHEET NO.
BC02

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

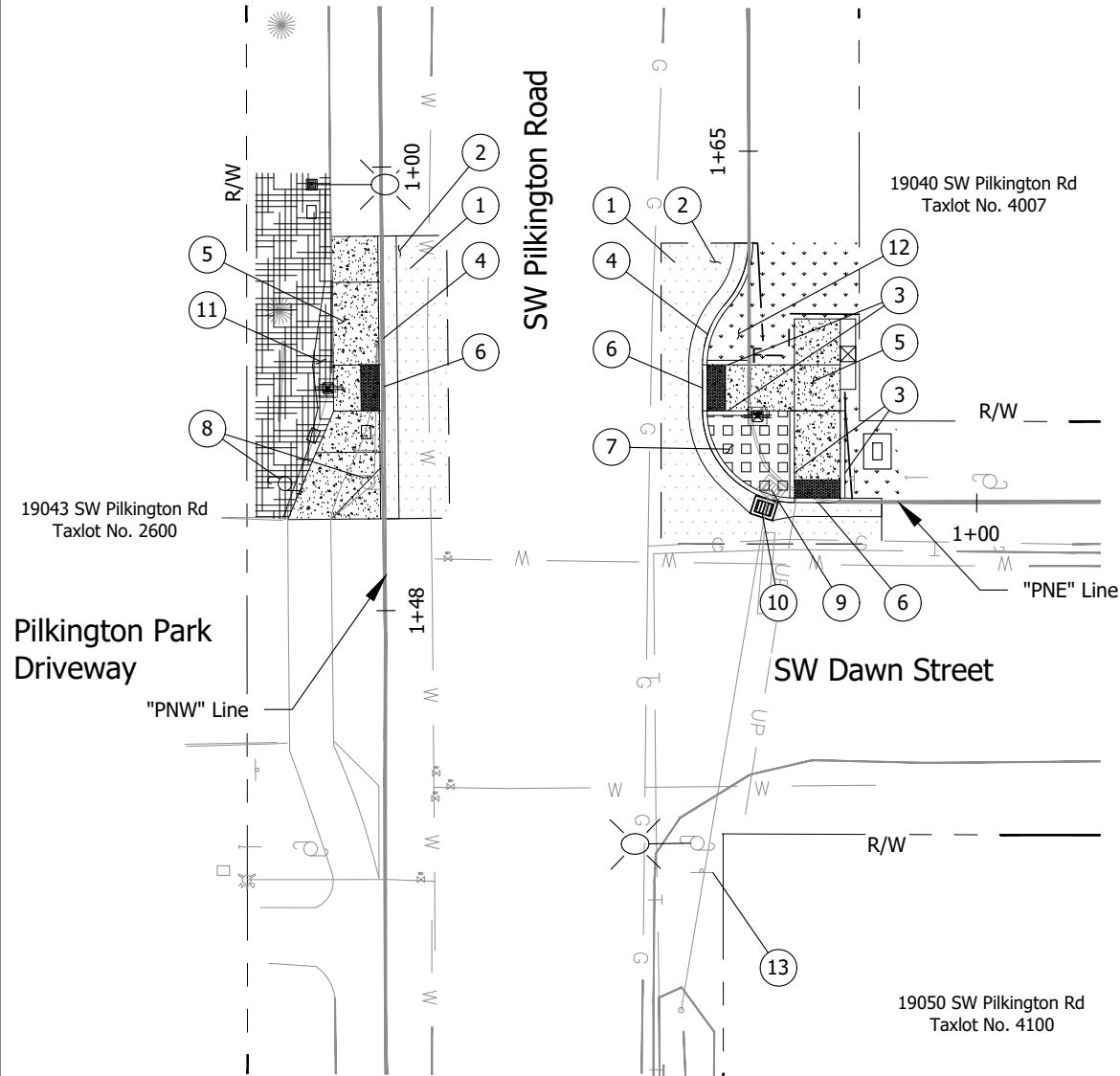
DESIGNED BY: M. STRALER
DRAFTED BY: M. STRALER
CHECKED BY: E. GERMUNDSON

DIRECTOR
DAN JOHNSON

CURB RAMP DETAILS

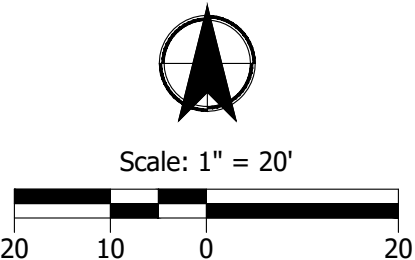
SW PILKINGTON ROAD AT
SW DAWN STREET
ENHANCED CROSSING PROJECT

DATE: MAY 27, 2026 PROJECT NO.: 300325560



CONSTRUCTION NOTES

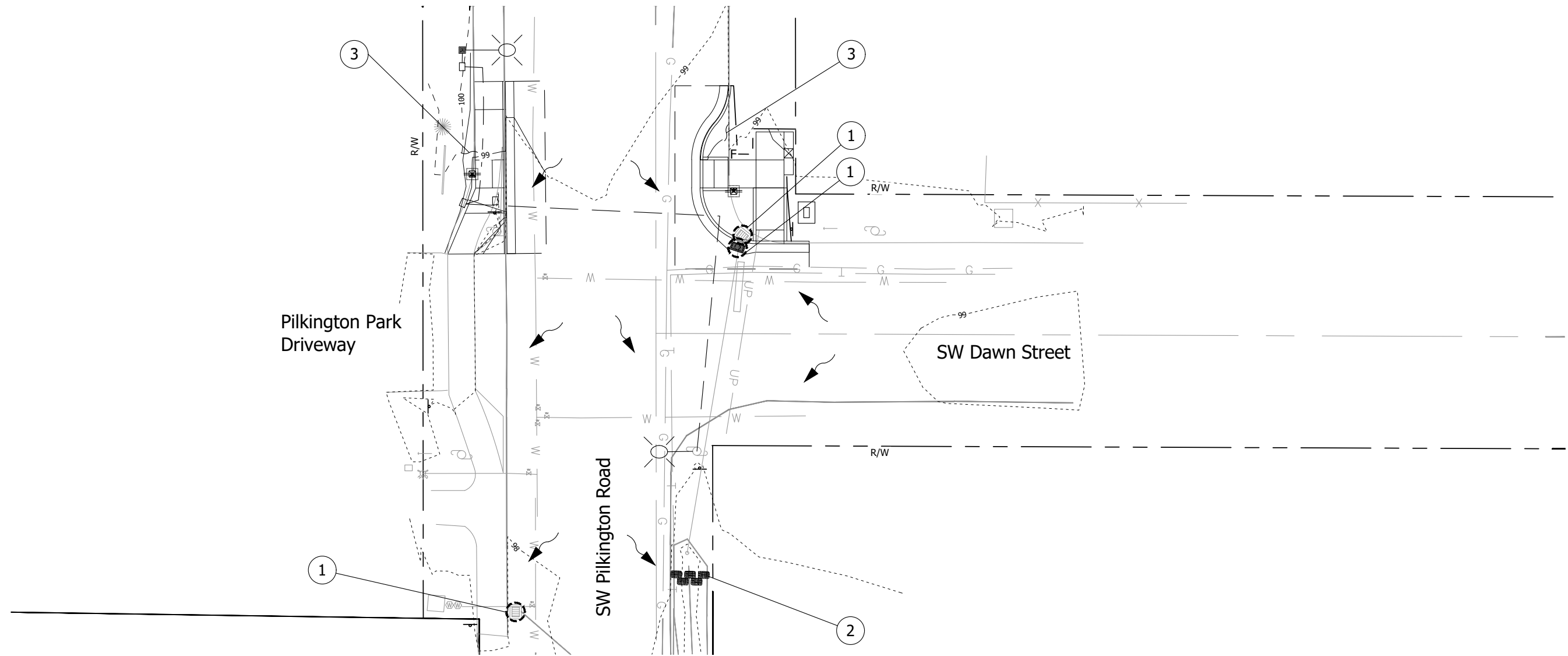
- 1 Sawcut & remove extg. pavement, sidewalk, and curb
- 2 Construct AC Standard Structural Section for Collector (See County Std. Dwg. No. C100)
- 3 Const. Standard Curb (See County Std. Dwg. No. S100)
- 4 Const. Standard Curb and Gutter (See County Std. Dwg. No. S150)
Sta. "PNW" 1+07.50 to 1+38.27
Sta. "PNE" 1+10.34 to 1+55.02
- 5 Const. concrete walks (See County Std. Dwg. No. S960)
- 6 Const. curb ramp
Inst. truncated domes on new surfaces (See shts BC01 thru BC02 for details)
- 7 Const. grouted riprap (See sht BB01 for details)
- 8 Utility pole to be relocated by Ziply
- 9 Remove existing storm drain inlet
- 10 Install curb inlet with GB basin with 18" sump.
Connect to existing 12" pipe
Rim = 98.15
I.E. Out (South) = 96.01 (Match Extg.)
(See WES Std. Dwg. No. SWM-14 and SWM-18)
- 11 Inst. bark mulch, 4" depth
- 12 Inst. permanent lawn seeding over 4" topsoil
- 13 Remove existing sign (See sht. Signing and Striping Plans for details)



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169



GENERAL CONSTRUCTION		SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED CROSSING PROJECT		DATE: MAY 27, 2026	PROJECT NO.: 300325560
CLACKAMAS COUNTY DEPT. OF TRANSPORTATION AND DEVELOPMENT 150 BEAVERCREEK ROAD OREGON CITY, OR 97045		DIRECTOR		DAN JOHNSON	
DESIGNED BY:	M. STRAMLER	DRAFTED BY:	M. STRAMLER	CHECKED BY:	E. GERMUNDSON
NO. DATE:		REVISIONS		SHEET NO. C01	

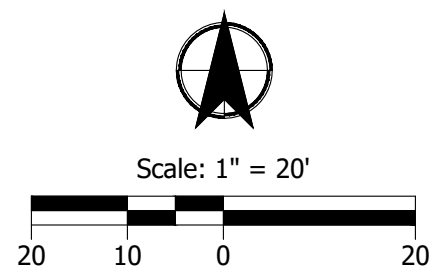


LEGEND

	Existing ROW Line			Inlet Protection
	Existing Major Contours			
	Existing Minor Contours			
	Proposed Major Contours			Biofilter bags
	Proposed Minor Contours			Trees to Remain
	Flow Arrow			
	Extg./Proposed CB			

CONSTRUCTION NOTES

- 1 Install Inlet Protection.
(See WES Std. Dwg. No. 4-24)
- 2 Install Check Dam Biofilter Bags.
(See WES Std. Dwg. No 4-9)
- 3 Area of Seed or Mulch Restoration.
(See Sht. C01 for Details)


**KITTELSON
& ASSOCIATES**

**851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169**



RENEWS: 06/30/2027

SHEET NO. FB01	REVISIONS		DESIGNED BY: M. STRAMLER
			DRAFTED BY: M. STRAMLER
			CHECKED BY: E. GERJUNDSON
	NO. DATE:		


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

DAN JOHNSON

DIRECTOR

EROSION & SEDIMENT CONTROL	
SW PILKINGTON ROAD SW DAWN STREET ENHANCED CROSSING PRO	
DATE: MAY 27, 2026	PROJECT NO.: 3003255660

DATE: MAY 27, 2026	PROJECT NO.: 300325560
--------------------	------------------------

LEGEND

CABINETS

- BMC

Install base mounted service cabinet, 100A, 120/240 volt, metered, for RRFB. See Wiring Diagram on MC01. BMC shall be FOUCH or approved equal.
- CC

Install actuated beacon system controller cabinet.

POLES

- XR
PP

Install (X=Number) sided rectangular rapid flashing beacon system (pedestrian pedestal, with florescent yellow-green S1-1 sign) using Clackamas County preferred manufacturer or approved equal per Clackamas County Std. Dwg. T400.
- LP
(N)

Install light pole number (N), see lighting notes and light pole and luminaire schedule.
- EX
UP

Preserve and protect utility pole.
- LUM

Install new luminaire with photocell. See light pole schedule.
- RX
LUM

Remove existing luminaire.

JUNCTION BOXES

- JB
1A

Install 17"x10"x12" (min. dimension) precast concrete junction box with concrete apron.
- JB
2A

Install 22"x12"x12" (min. dimension) precast concrete junction box with concrete apron.
- JB
PGE

Install approved 17"x30"x18" precast concrete junction box per PGE specifications.

CONDUITS

- S

Install (S=size) inch conduit.
- HDD

Install conduit by horizontal directional drilling, open trench not allowed.

WIRES & CABLES

- PWR

PGE to connect power service (Work Order #M5952294)
- W

Install conduit and wiring per PGE requirements.
- N

G

Install (N=Number) no, (G-AWG wire size) XHHW wire.
- PL

Install poly pull tape (1800 lbf min. strength, non-conductive).
- LW

Install #12 copper standard (orange) tracer wire.

GENERAL NOTES

1. All streetlights shall be PGE Schedule 95 Option A.
2. All materials and workmanship shall conform to the Clackamas County Ordinances and special provisions, the 2024 Oregon Standard Specifications for Construction, the referenced Oregon Standard Drawings, and PGE requirements.
3. All electrical equipment shall conform to the current standards of the National Electrical Manufacturers Association (NEMA) and the Underwriters Laboratories, Inc. (U.L.) wherever applicable. In addition to the requirements of the plans, standard specifications, and the special provisions, all materials and workmanship shall conform to the current requirements of the National Electrical Code (NEC) the National Electrical Safety Code, standards of the American National Standards Institute (ANSI), and any local ordinances which may apply.
4. Location of illumination conduits and junction boxes are approximate. Coordinate with other utilities to ensure proper installation.
5. Contractor shall coordinate with PGE for power service for the RRFB and street lighting system(s). The contractor shall coordinate wiring to the power source as required by PGE. The contractor shall coordinate with ERIC PARKER (RRFB Service, 503-806-3556) and RICO TORRES SOLIS (Illumination, 503-403-9084) a minimum of 4 weeks before starting PGE related infrastructure to schedule a coordination meeting for all power requirements. Reference PGE Work Order M5952294 (RRFB Service) and M5952300 (Illumination). Contractor shall contact PGE a minimum of 2 weeks prior to required PGE inspections.

6. Equipment submittals shall be provided to PGE by the contractor after an initial review has been completed by the project engineer. PGE approval of these submittals must be obtained prior to construction.

7. Existing street lights shall remain operational during construction unless approved otherwise in writing by Clackamas County.

8. Location of poles, junction boxes, and conduit shall be installed as shown on plans. If conflicts arise, pole, junction box, and conduit location may be modified in the field per engineer approval. All equipment must be placed within the right of way. Place conduit in the same trench as other conduits when possible.

9. The contractor shall verify the locations of existing utilities and coordinate this work with the utility companies/agencies to eliminate any conflicts.

10. The engineer shall field verify the location of all signal equipment before installation.

11. All concrete boxes shall be placed in sidewalk or concrete apron.

12. Install #12 standard copper (orange) tracer wire in all conduits. Ground all tracer wires.

13. Conduits shall be placed in the same trench with other conduits when possible.

14. Top of signal and pedestrian pole foundations shall match top of finished grade of sidewalk.

15. All conduit runs shall be placed within the right-of-way.

16. Install poly pull tape (1800 lbf min. strength, non-conductive) in all conduits.

17. All underground conduits and fittings shall be schedule 80 PVC.

PGE APPROVED STREET LIGHTING EQUIPMENT

1. The luminaire shall be a PGE approved LED, supplied and installed by PGE. The PGE approved luminaire is:

Manufacturer:	Catalog Number:
Leotek, 88W LED	GCM2-40H-MV-WW-2R-GY-700-PCR7-RWG-WL-FDC-PGE

2. The photoelectric control relay shall be extended life twist lock and PGE approved.

3. The pole type for the proposed pole shall be supplied and installed by PGE.

Streetlight Pole:	Catalog Number:
Valmont	250075105D4Z-SBF-11"BC
Hapco	41-103PGE
P&K Poles (Flagpole Inc)	RTA7L25AAD1432D

4. Anchor pole footing shall be PGE-approved precast concrete base, supplied by PGE and installed by the contractor. The PGE-approved footing shall be 14" square by 60" high.

5. The PGE approved junction boxes are:

Streetlight 1730 J-Box:	Catalog Number:
Newbasis - 17"x30"x18" (90003480)	FCA173018T-90026
Quazite (Hubbell) - 17"x30"x18" (90003480)	A42173018A017
Oldcastle/Carson Industries - 17"x30"x18" (90003480)	17301726
Highline - 17"x30"x18" (90003480)	CHA173018HE1
Armorcast - 17"x30"x18" (90003480)	A6001640TAX18

6. Wire for use between the junction box and the fixture shall be: #10 AWG, 600 Volt, 3-Conductor, Class B Stranding, Type TC, with Sunlight-Resistant 45-mil PVC Jacket. Suitable for direct burial installations. Insulation to be black, red, and green per NEMA WC-7 for NEC applications (TFN, THWN, THHN), with fillers or binding tape added to produce round outer jacket, rated 90°C dry and 75°C wet, 1,000 ft NR reels. Jacket to display sequential footage markings. 2 reel labels, one attached to the outside flange surface, one attached to the drum wrapping; each to detail total footage, inside or starting footage. Contact PGE for suppliers.

RRFB AND ILLUMINATION LEGEND

SW PILKINGTON ROAD AT
SW DAWN STREET

ENHANCED CROSSING PROJECT

PROJECT NO.: 300325560

CLACKAMAS COUNTY

DEPT. OF TRANSPORTATION
AND DEVELOPMENT

150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



DIRECTOR

DAN JOHNSON

DESIGNED BY:

M. STRALER

DRAFTED BY:

M. STRALER

CHECKED BY:

S. PARKS

REVISIONS

NO. DATE:

SHEET NO.

MA01

Accompanied by ODOT Standard Dwg.s.:
TM457, TM467, TM470, TM482, TM485,
TM700, TM701, TM702



851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

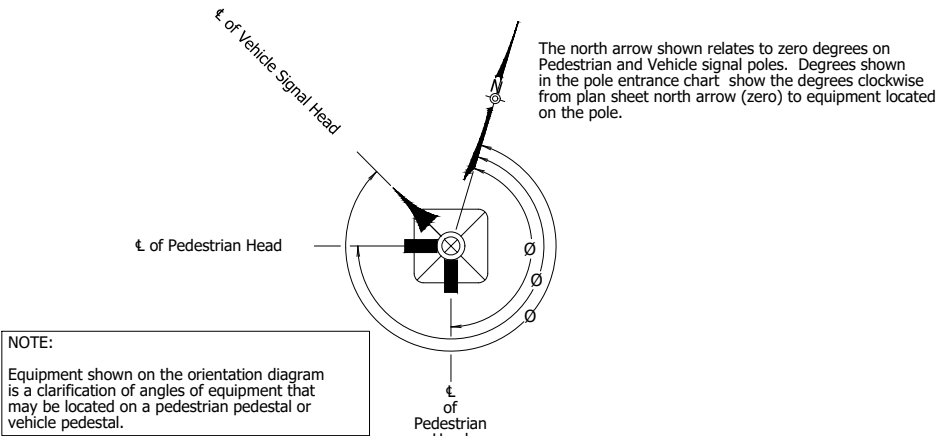


RENEWS: 12/31/26

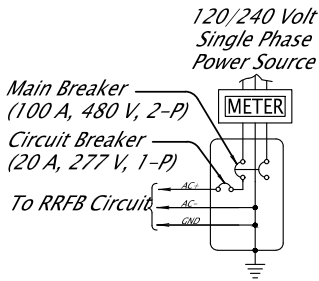


POLE ENTRANCE CHART

See TM650 thru TM653		EQUIPMENT ON POLE		
POLE NO.	TYPE	RECT. FLASH BEACON DEG.	PED. PUSHBUTTON DEG.	SIGN DEG.
1	PP/3	0/180	180	0/180
2	PP/3	0/180	0	0/180



PEDESTRIAN PEDESTAL / VEHICLE PEDESTAL
ORIENTATION DIAGRAM



SERVICE CABINET WIRING FOR
120/240 VOLT SIGNAL SERVICE
BMC

LIGHT POLE TABLE

POLE NO.	ROADWAY	STATION	OFFSET	TYPE AND POLE STYLE	APPROXIMATE MOUNTING HEIGHT (FEET)	ARM LENGTH (FEET)	LUMINAIRE				
							STYLE	DISTRIBUTION	INITIAL LUMENS	INITIAL WATTS	BUG RATING
Pole 1	SW Pilkington Road	"PNW" 1+03.85	7.67	Aluminum Davit	25	4	GCM2-40H-MV-WW-2R-GY-700-PCR7-RWG-WL-FDC-PGE	Type 2 Medium	10230	88W LED	B2 U0 G2
D2119A-4727	SW Pilkington Road	{Existing}	{Existing}	{Wood Utility}	{Ex}	{Ex}	GCM2-40H-MV-WW-2R-GY-700-PCR7-RWG-WL-FDC-PGE	Type 2 Medium	10230	88W LED	B2 U0 G2

CROSSWALK PHOTOMETRIC ANALYSIS SUMMARY

LOCATION	Vertical Illuminance	Horizontal Illuminance	
	Average Light Level (fc)	Average Light Level (fc)	UNIFORMITY (AVE/MIN)
Target Values*			
	≥1.0	≥0.6~1.2	≤3.0:1 ~ 4.0:1
Design Values			
Pilkington Rd at Dawn St Crosswalk with RRFB - Northbound	1.5	1.9	1.6:1
Pilkington Rd at Dawn St Crosswalk with RRFB - Southbound	1.7	1.9	1.6:1

* = Target values as defined in the ODOT Traffic Lighting Design Guide - Chapter 3, 11.3.1 & 11.3.2



KITTELSON

& ASSOCIATES

851 SW 6TH AVENUE, SUITE 600

PORTLAND, OR 97204

P 503.228.5230 F 503.273.8169

REGISTERED PROFESSIONAL
ENGINEER
93121PE

Digitally Signed 2026.06.24

OREGON
March 9, 2021

SARA PARKS

RENEWS: 12/31/26

RRFB DETAILS

SW PILKINGTON ROAD AT
SW DAWN STREET
ENHANCED CROSSING PROJECT

DATE: MAY 27, 2026 PROJECT NO.: 300325560

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



DIRECTOR

DAN JOHNSON

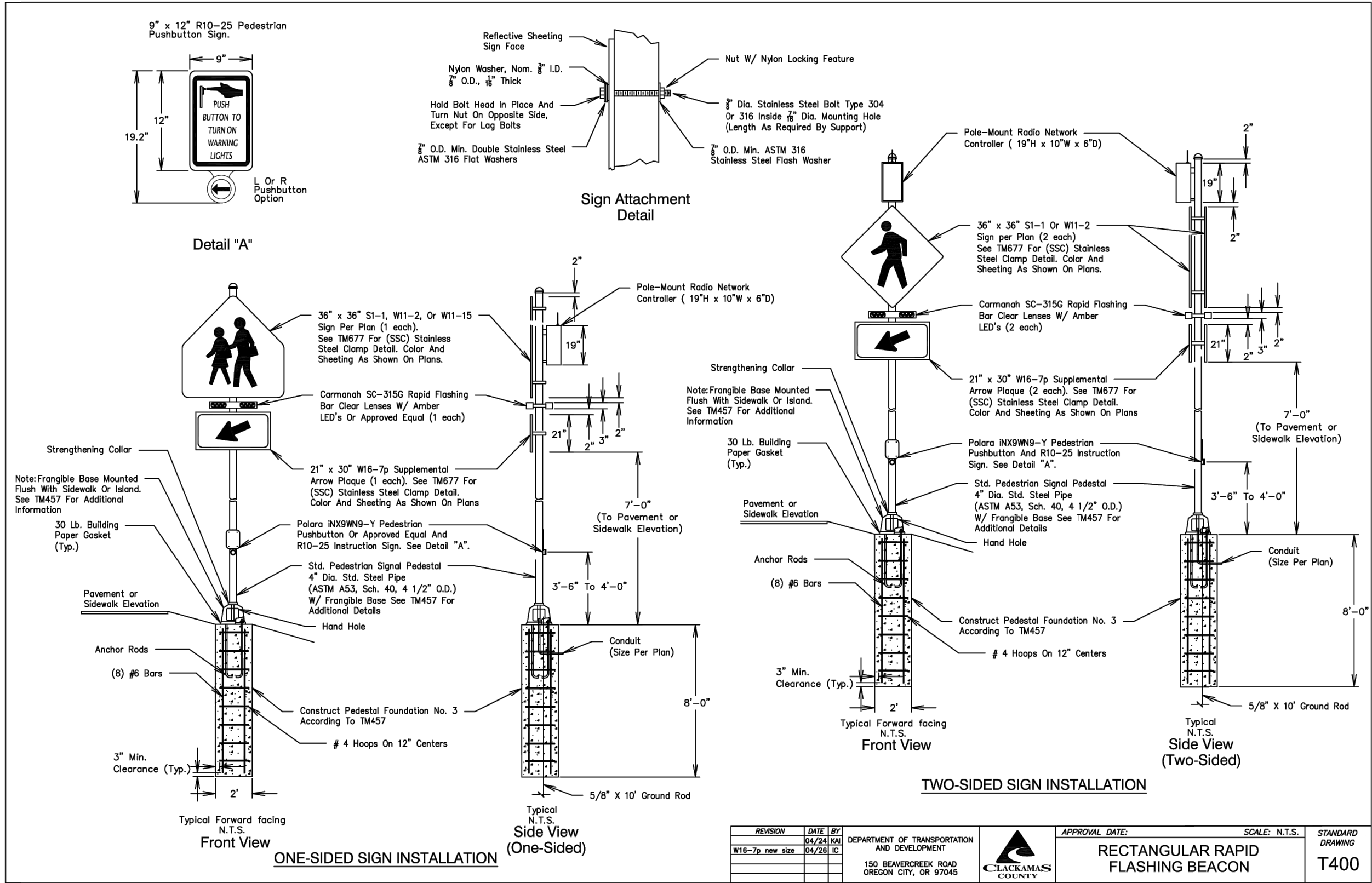
DESIGNED BY: M. STRALER
DRAFTED BY: M. STRALER
CHECKED BY: S. PARKS

REVISIONS

NO. DATE:

SHEET NO.
MC01

Plot Stamp: 6/24/2026 9:49:10 AM - Eric Gemundson
File: H:\3131928 - Pilkington Rd Enhanced Crosswalk\design_CD\W-SIGNAL-31928.dwg



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

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

REVISIONS

NO. DATE:

SHEET NO. MC02

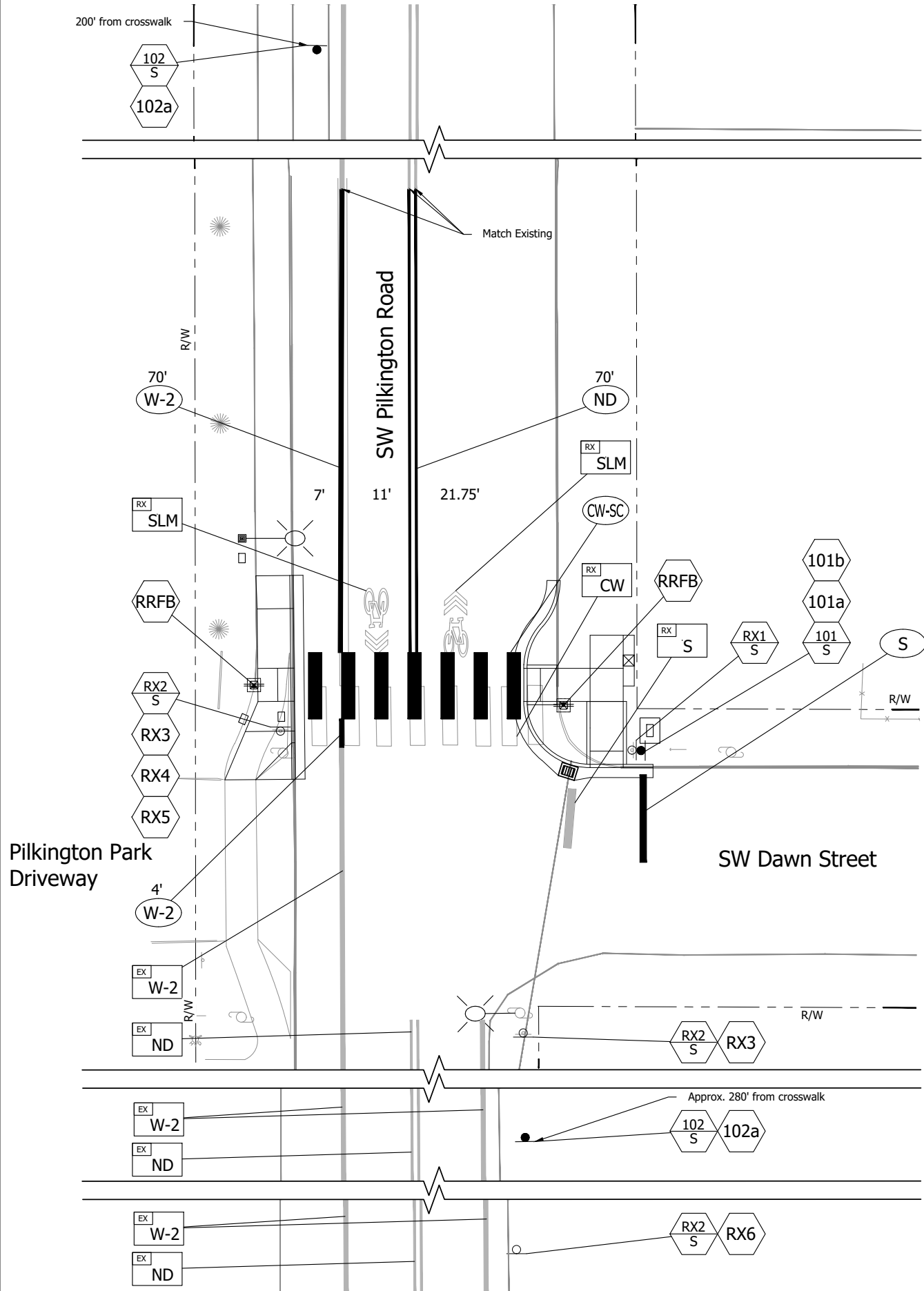
RRFB DETAILS

SW PILKINGTON ROAD AT SW DAWN STREET
ENHANCED CROSSING PROJECT

DATE: MAY 27, 2026 PROJECT NO.: 300325560

DESIGNED BY: M. STRALER
DRAFTED BY: M. STRALER
CHECKED BY: S. PARKS

DIRECTOR
DAN JOHNSON



STRIPING LEGEND

- CW-SC** Install staggered continental crosswalk 2' white bars per Oregon Standard Drawing TM503.
- ND** Install 4" narrow double stripe (yellow) per Oregon Standard Drawing TM500.
- W-2** Install 8" line (white) per Oregon Standard Drawing TM500.
- S** Install stop bar per Oregon Standard Drawing TM503.
- EX W-2** Retain and protect existing 8" white line.
- EX ND** Retain and protect existing narrow double no pass lane.
- RX SLM** Remove existing shared lane marking.
- RX CW** Remove existing crosswalk
- RX S** Remove existing stop bar

STRIPING GENERAL NOTES

- All pavement markings shall conform to the requirements and specifications of the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) 11th Edition, and the Oregon Supplement to the M.U.T.C.D., and the 2024 Oregon Standard Specifications for construction.
- All pre-markers for pavement markings and striping locations shall be approved by the Engineer prior to final placement.
- All longitudinal pavement striping shall be method "A" thermoplastic, extruded, surface, non-profiled.
- All pavement bars and legends shall be Type B-HS.
- Existing markings not shown are to remain in place unless otherwise directed by the Engineer.
- Existing striping removed during scoring and repaving to be installed as shown.
- Refer to ODOT Standard Drawings TM500, TM501, TM502, and TM503 for all pavement marking details.

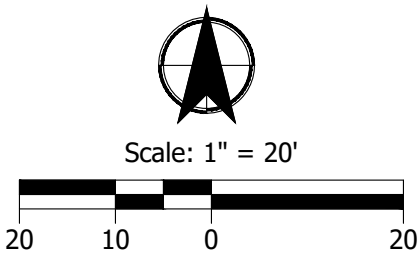
SIGNING GENERAL NOTES

- All signing shall conform to the requirements and specifications of the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) 11th Edition, and the Oregon Supplement to the M.U.T.C.D.
- The locations of sign installation shown are approximate with the exact location to be determined in the field.
- Existing signs not shown are to remain in place unless otherwise shown.
- Signs located on traffic signal poles reference the signal design plans.
- Traffic sign legend and mounting details are shown on sheets QA02.
- Refer to Clackamas County Standard Drawings T100, T130, T150, and T250 for Street Name sign and mounting details.

SIGNING LEGEND

- N** Install new sign (N).
- N M** Install new sign (N) on new (M) sign support.
- RRFB** Install RRFB with school crossing sign (S1-1) per Flashing Beacon plans.
- RXN** Remove existing sign (N) from existing sign support
- RXN M** Remove existing sign (N) and (M) sign support

N = Sign Number
M - Material options are:
S = Perforated Steel Square Tube Sign Support



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169



SIGNING & STRIPING	
SW PILKINGTON ROAD AT SW DAWN STREET ENHANCED CROSSING PROJECT	
CLACKAMAS COUNTY DEPT. OF TRANSPORTATION AND DEVELOPMENT 150 BEAVERCREEK ROAD OREGON CITY, OR 97045	DIRECTOR DAN JOHNSON
DESIGNED BY: M. STRALER	CHECKED BY: S. PARKS
DRAFTED BY: M. STRALER	
NO. DATE:	
SHEET NO. QA01	
PROJECT NO.: 300325560 DATE: MAY 27, 2026	

Plot Stamp: 6/24/2026 9:49:43 AM - Eric Gemundson
File: H:\31\31928 - Pilkington Rd Enhanced Crosswalk\design\CD\Q-SIGNING & STRIPING-31928.dwg

EXISTING SIGN LEGEND



1



2



3



4



5



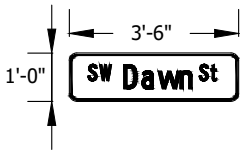
6

PROPOSED SIGN LEGEND



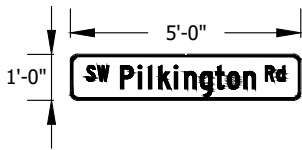
101

R1-1
36"x36"
1 Required



101b

D3-1
42"x12"
1 Required



101a

D3-1
60"x12"
1 Required



102

S1-1
36"x36"
2 Required



102a

W16-9P
24"x12"
2 Required



851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169



REVISIONS

NO.	DATE	DESIGNED BY:	DRAFTED BY:	CHECKED BY:
		M. STRAMLER		
			M. STRAMLER	
				S. PARKS

CLACKAMAS COUNTY

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



DAN JOHNSON

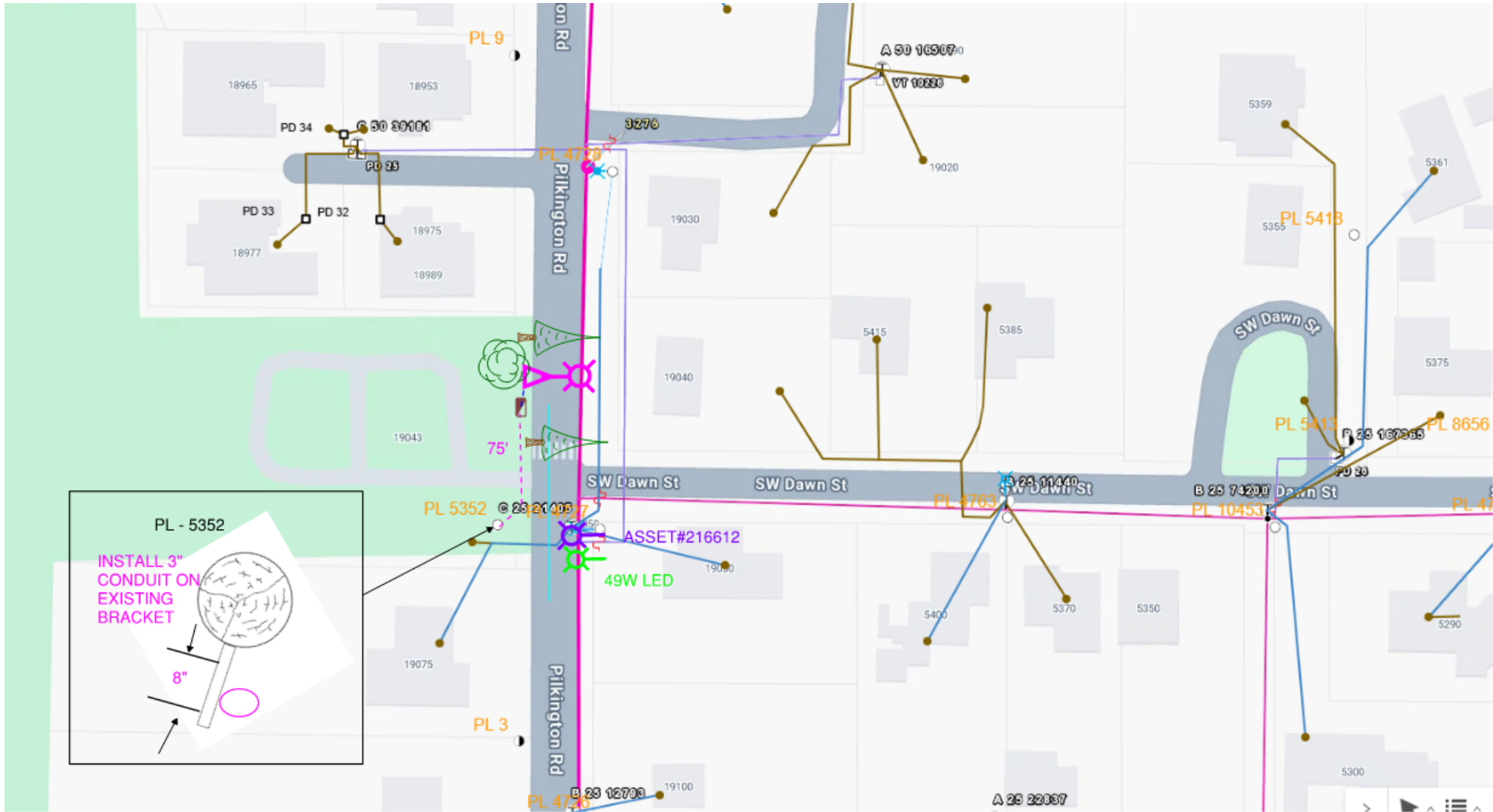
DIRECTOR

SIGNING & STRIPING

SW PILKINGTON ROAD AT
SW DAWN STREET
ENHANCED CROSSING PROJECT

DATE: MAY 27, 2026 PROJECT NO.: 300325560

SHEET NO.
QA02



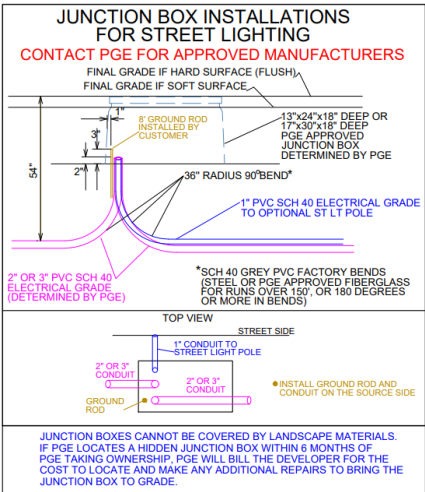
LIGHTING LEGEND
NEW PGE FACILITIES TO BE INSTALLED

- (UNLESS OTHERWISE SPECIFIED)
- REMOVE FACILITIES
 - INSTALL FACILITIES
 - INSTALL ADDITIONAL FACILITIES/MODIFY FACILITIES
 - INSTALL 1-1/0 AL-TX ST LT CIRCUIT IN 2" SCH40 PVC CONDUIT PROVIDED & INSTALLED BY CUSTOMER
 - INSTALL 1-#10 CU-TX ST LT CIRCUIT IN 1" SCH40 PVC CONDUIT PROVIDED & INSTALLED BY CUSTOMER
 - CUSTOMER INSTALLED 1730 SECONDARY VAULT PGE TO PROVIDE GROUND ROD, CUSTOMER TO INSTALL
 -  OPT A INSTALL 88W LED LEOTEK GREEN COBRA GRAY LIGHT ON NEW STREETLIGHT ONLY 25' ALUMINUM POLE USE NEW 4' MAST ARM ON 5CL-LB-PGE CONCRETE BASE SET 1' BEHIND SIDEWALK CONNECT 240V
 -  OPT A REPLACE EXISTING LED LIGHT WITH 88W LED LEOTEK GREEN COBRA GRAY LIGHT ON EXISTING POLE USE EXISTING MAST ARM CONNECT 240V

ANY DEVIATION FROM THIS DESIGN MUST BE APPROVED BY PGE DESIGN PROJECT MANAGER

LINE CREW NOTE:
CIRCUIT AND FEEDER INFORMATION IS FOR REFERENCE ONLY. MAP MAY NOT BE REAL TIME REPRESENTATION OF ACTUAL SYSTEM CONDITIONS.

RIGHT-OF-WAY PERMIT NOTICE:
A PERMIT FROM THE LOCAL JURISDICTION IS REQUIRED BEFORE ANY WORK IN THE RIGHT-OF-WAY MAY BE PERFORMED. ONLY PGE APPROVED CONTRACTORS AND CONTRACTORS WHO HAVE MADE OTHER SPECIAL AGREEMENTS WITH PGE WILL BE ALLOWED TO WORK UNDER PGE'S PERMIT. THE CONTRACTOR MUST NOTIFY THE LOCAL JURISDICTION 48 HOURS BEFORE WORK IS TO BEGIN. A COPY OF THE PERMIT MUST BE ON SITE.



CONSTRUCTION NOTES: SLCST

- CUSTOMER TO PROVIDE ALL TRENCHING, BACKFILLING, CONDUIT, ELBOWS, JUNCTION BOXES, VAULTS AND PADS. JOINT USE TRENCH WITH GAS. TRENCH TO BE 48 INCHES DEEP AND 30 INCHES WIDE. MEASURED FROM FINAL GRADE. ALL PGE CONDUCTORS TO BE INSTALLED IN GRAY, SCHEDULE 40, ELECTRICAL GRADE. PVC CONDUIT WITH NYLON PULL STRINGS (MIN. 500 LBS. TEST). PGE TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. MAINTAIN 12 VERTICAL INCHES AND 24 HORIZONTAL INCHES CLEARANCE BETWEEN GAS AND OTHER UTILITIES. ALL ELBOWS 4 INCH & SMALLER TO BE 36 INCH RADIUS. RIGID STEEL OR PGE APPROVED FIBERGLASS BENDS ARE REQUIRED FOR RUNS OF 151 FEET OR LONGER, OR FOR ANY LENGTH RUN WITH MORE THAN 180 DEGREES IN BENDS. PVC SCHEDULE 40 BENDS ARE ACCEPTABLE FOR RUNS OF 150 FEET OR LESS THE MAXIMUM TOTAL BENDS IN ANY CONDUIT RUN IS 270 DEGREES. ALL BENDS MUST BE FACTORY MADE. REFER TO LETTER OF RESPONSIBILITY FOR FURTHER DETAILS.
- A PGE STANDBY CREW IS REQUIRED FOR OPENING ALL ENERGIZED PGE VAULTS, JUNCTION BOXES, AND EQUIPMENT/FACILITIES, INCLUDING CONNECTION OR INSTALLATION OF CONDUITS AND PULL STRINGS. CALL SERVICE COORDINATION AT 503-323-6700 TO SCHEDULE A PGE STANDBY CREW.
- ALL CONCRETE FOOTINGS NEED TO BE INSTALLED WITH TOP OF BASE FLUSH TO CURB / SIDEWALK.
- CUSTOMER RESPONSIBLE FOR ROAD CROSSINGS. ALL CROSSINGS MUST EXTEND FROM PROPERTY LINE TO PROPERTY LINE. CROSSINGS TO BE 48 INCHES DEEP, MEASURED FROM FINAL GRADE.
- DIRECTIONAL BORING REQUIREMENTS: BLACK HDPE (HIGH DENSITY POLYETHYLENE) DUCT OR SCHEDULE 40 PVC WITH A MECHANICAL CONNECTION (CERTA-LOK OR LIKE MECHANICAL CONNECTION PRODUCT) AS AN ALTERNATIVE TO HDPE DUCT. HDPE SHALL MEET THE REQUIREMENTS OF PGE SPECIFICATION L22501 (AVAILABLE ON REQUEST FROM PGE PROJECT MANAGER). FOR SAFETY REASONS THE DUCT SHALL BE BLACK WITH THREE EQUALLY SPACED, EXTRUDED RED STRIPES (WHICH IS A SPECIFICATION REQUIREMENT). MANDREL TEST OF HDPE PIPE IS REQUIRED AFTER INSTALLATION WITH PGE INSPECTOR PRESENT.
- TRANSFORMER PADS ARE TO BE SET SO THAT THE TOP IS 2 INCHES ABOVE FINAL GRADE. CONDUIT IS TO BE INSTALLED IN PAD AS INDICATED IN DETAIL AND TO EXTEND 1 INCH ABOVE THE PAD.
- ALL PGE TRANSFORMERS TO BE INSTALLED 8 FEET (MIN) FROM ANY COMBUSTIBLE BUILDING, WALL OR OVERHANG AND 4 FEET (MIN) FROM ANY FIRE HYDRANT. PGE TRANSFORMERS MUST BE WITHIN 15 FEET OF A DRIVEABLE AREA. ALWAYS MAINTAIN 10 FEET CLEARANCE IN FRONT OF ALL TRANSFORMERS.
- STEEL BARRIER POSTS ARE REQUIRED AROUND TRANSFORMERS THAT ARE EXPOSED TO VEHICLES. REFER TO ELECTRICAL SERVICES REQUIREMENTS (ESR) SECTION 5.6.8.
- AS NEEDED-FRONT LOT PUBLIC UTILITY EASEMENT (P.U.E.) TO BE 8 FEET (MIN), 10 FEET (PREFERRED).
- CONSULT WITH PGE REPRESENTATIVE 2 WEEKS BEFORE STARTING MAIN POWER TRENCHING FOR A PRECONSTRUCTION CONFERENCE. INCLUDED IN THIS CONFERENCE WILL BE EXCAVATOR, PGE, TELCO, CATV, AND GAS.
- CUSTOMER TRENCH AND ELBOW CONFIGURATIONS. ALL CONDUIT, VAULT AND PAD INSTALLATIONS MUST BE INSPECTED BY PGE PRIOR TO BACKFILLING. WHEN YOU ARE READY FOR PGE TO INSPECT (AFTER INSTALLATION IS COMPLETE) CALL 503-736-5450 OR 503-463-4348 (SALEM AREA). ALLOW UP TO 2 WORKING DAY FOR INSPECTION TO OCCUR.
- REFER TO THE PGE ELECTRIC SERVICE REQUIREMENTS BOOKLET FOR SPECIFIC REQUIREMENTS.
- DESIGN IS BASED ON STANDARD UNDERGROUND EQUIPMENT. NON-STANDARD UNDERGROUND EQUIPMENT MAY BE AN OPTION AT AN ADDITIONAL COST TO THE CUSTOMER.

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 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE OREGON UTILITY NOTIFICATION CENTER ADMINISTRATION @ (503-232-1987)



TO REQUEST UTILITY LOCATES CALL THE OREGON UTILITY NOTIFICATION CENTER, 811 AT LEAST 2 BUSINESS DAYS PRIOR TO EXCAVATION.

Know what's below.
Call before you dig.

PGE CONSTRUCTION DRAWING

SDPM/ENG REVIEW:

ASBUILT BY DESIGNER:

AS-BUILT VERIFICATION & NESC VIOLATIONS CORRECTED

This document accurately represents FIELD construction.

Foreman: _____ Date: _____

GF: _____ Date: _____

DATE: 8.7.26

SCALE: N/A

ACCOUNT: 1070001

AWO: 1000009106

JOB NO. M592300



TITLE Clackamas County Service Dist. # 5 / SW Dawn St & Pilkington Rd Enhanced Crossing Project/Job #11-26

CIRCUIT MERIDIAN-PILKINGTON

SIZE 1 1x17

LOCATION 19053 Pilkington Rd, Rivergrove OR

DESCRIPTION Install UG circuit, 1 Aluminum pole & LED Light and replace 1 light on existing pole, connect @240V

COUNTY CLACKAMAS

SECTION(S)

WORK WITH

SHEET 1 OF 1

DESIGN BY rico Torres Solis

PHONE (503) 503.403.9084

DRAWN BY rico Torres Solis

WILSONVILLE
LINE CREW CENTER
9480 SW BOECKMAN RD
WILSONVILLE, OR 97070

© PORTLAND GENERAL ELECTRIC CO. – ALL RIGHTS RESERVED

