

**CONTRACT AND BOND DOCUMENTS**

**PUBLIC WORKS DEPARTMENT  
CITY OF WOODBURN, OREGON**



**HARVARD DRIVE RAISED CROSSWALK PROJECT**

<b>BID NUMBER:</b>	<b>2024-01</b>
<b>PROJECT NUMBER:</b>	<b>2023-011-11</b>
<b>BID OPENING DATE:</b>	<b>September 13, 2023</b>
<b>BID OPENING TIME:</b>	<b>2:00 PM</b>
<b>COMPLETION DATE</b>	<b>December 1, 2023</b>

# **HARVARD DRIVE RAISED CROSSWALK PROJECT**

**BID DOCUMENTS  
AUGUST 2023**

**These Documents are the Property of the City of  
Woodburn**

**190 Garfield Street  
Woodburn, OR 97071  
(503) 982-5240**

**CONTRACT AND BONDS  
FOR THE**

**HARVARD DRIVE RAISED CROSSWALK PROJECT**

**PROJECT No. 2023-011-11  
BID NO. 2024-01**

**CITY OF WOODBURN  
PUBLIC WORKS DEPARTMENT  
WOODBURN, OREGON**

FRANK LONERGAN	MAYOR
DEBBIE CABRALES	COUNCIL WARD 1
ALI SWANSON	COUNCIL WARD 2
ROBERT CARNEY	COUNCIL WARD 3
SHARON SCHAUB	COUNCIL WARD 4
MARY BETH CORNWELL	COUNCIL WARD 5
ERIC MORRIS	COUNCIL WARD 6

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# **PART I – BID PREPARATION DOCUMENTS**

## INVITATION TO BID

### **HARVARD DRIVE RAISED CROSSWALK PROJECT PROJECT No. 2023-011-11 BID No. 2024-01**

Sealed bids for the construction of *Harvard Drive Raised Crosswalk Project* will be received by the City of Woodburn at 190 Garfield Street until **2:00 PM, Wednesday, September 13, 2023** and will thereafter be publicly opened and read.

Proposals shall be addressed to the Public Works Director, City of Woodburn, and 190 Garfield St., Woodburn, OR 97071. Bids shall be submitted in a plain sealed envelope bearing the Bidder's name, the name of the project, the date and time of the Bid opening, and shall be marked "**Bid No. 2024-01**".

The major items of work are estimated (approximate) quantities as follows:

1. Construct one (1) raised crosswalk;
2. Install three (3) new catch basins, various types; and
3. Construct concrete walks, 900 square feet.

Plans and specifications may be examined at the Public Works – Engineering building, located at 190 Garfield Street, Woodburn, OR on or after **Wednesday, August 23, 2023**. Electronic plan sets are available on the Engineering Division's website at: <http://www.ci.woodburn.or.us/?q=blog-categories/bids-and-rfps>. Additionally, plans have been provided to the following plan center(s):

*DJC Plan Center – Portland, OR*

Bidders must be pre-qualified in accordance with the laws of the State of Oregon. Completed pre-qualification forms or proof of pre-qualification shall conform to the Special Provisions. Only bids from pre-qualified Bidders will be opened.

No bid for a construction contract shall be received or considered unless the bidder is registered with the Construction Contractors Board (CCB). The Contractor and every Subcontractor must have a Public Works Bond filed with the CCB before starting work on the project.

Bidders on this project need not be licensed for asbestos handling pursuant to ORS 468A.720. Each bidder must indicate on the bid form whether they are a resident or nonresident bidder as defined in ORS 279A.120 (b).

All proposals shall be made on the proposal forms. All proposals shall be accompanied by a Bid Bond, equal to ten percent (10%) of the total bid. The form of the bid bond shall be either the Surety's standard form or the AIA form. The bid bond may be forfeited to the City if the Contractor fails to execute the contract within the time allotted under the specifications.

Pursuant to ORS 279C.370, bidders on public works projects with an estimated value of \$100,000 or more are required to disclose, two-hours after bid opening, the bidders first-tier subcontractors. The bidder shall provide the required information on the First-Tier Subcontractor Disclosure Form, provided in the contract documents.

At the discretion of the Project Manager, addenda and clarifications shall either be posted on the City's Engineering Division website or delivered to Plan Holders via e-mail. Potential Bidders should check the website on a daily basis until the Bid Opening date. The website address to check for updates is:

<http://www.ci.woodburn.or.us/?q=blog-categories/bids-and-rfps>. Addenda must be signed and submitted with the Bid Proposal to be considered a responsive offer.

Although contract award is expected to be made by the City Council on **Monday, September 25, 2023**, the City of Woodburn reserves the right to reject any and all bids not in compliance with prescribed bidding procedures and requirements, and may reject for good cause any and all bids upon a finding of the Agency if it is in the public interest to do so. The three (3) lowest bidders may not withdraw or modify his bid prior to the lapse of 35-days after the bid opening.

All project work shall be completed by December 1, 2023.

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Heather Pierson  
City Recorder  
City of Woodburn, OR 97071

## INSTRUCTIONS TO BIDDERS

### HARVARD DRIVE RAISED CROSSWALK PROJECT PROJECT No. 2023-011-11 BID No. 2024-01

#### 1. GENERAL:

- A. SPECIFICATIONS – The Specifications that are applicable to the Work on this Project are the “Oregon Standard Specifications for Construction - 2021”, and as modified by the Special Provisions.
- B. This is a formal procurement. Faxed/mailed bids will not be accepted.
- C. Bidding requirements and obligations shall comply and conform to Part 00100 - General Conditions of the Standard Specifications, as modified by the Special Provisions and herein.

#### 2. OBTAINING CONTRACT DOCUMENTS:

- A. Copies of the Contract Documents are available on the City’s Engineering Division [website](#), and on file at:
  - City Hall Annex
  - 190 Garfield Street
  - Woodburn, OR 97071.
- B. Questions regarding bidding, materials, or technical requirements should be directed to the Project Manager at:
  - Cole Grube, Project Engineer
  - Phone: 503.982.5241
  - Email: [cole.grube@ci.woodburn.or.us](mailto:cole.grube@ci.woodburn.or.us)
- C. Bidder is responsible for completing and returning all page(s), attachment(s) which require a response.
- D. An electronic copy of the “Plan Holders List” is provided on the Agency website and will be periodically updated. Contractors, suppliers, and others wishing to be added to this list should contact the City’s Project Engineer.
- E. Addenda, clarifications, etc. will be posted on the Agency website and are the responsibility of the Contractor to download before submission of bids. Contractor shall sign and submit all addenda with their offer.

#### 3. PROJECT FINANCING:



- A. This project is financed and paid for by the City of Woodburn.
- C. The Engineer's cost estimated range for the construction of this project is between: \$75,000 and \$115,000.
- D. This project is subject to the prevailing wages rates under the Oregon Prevailing Wages Law (BOLI). Current prevailing wage rates are available at the following website: <https://www.oregon.gov/boli/employers/pages/prevailing-wage.aspx>

**4. CONSTRUCTION AGREEMENT**

- A. The construction contract between Owner and Contractor shall be on the form provided by The City of Woodburn. A sample agreement is included in these documents.

**5. PREBID CONFERENCE:**

- A. No pre-bid conference is scheduled for this Project. Those not familiar with the project site are encouraged to visit the site on their own.

**6. AWARD OF THE CONTRACT:**

- A. Award of the contract will be based on the lowest offer by a responsible Bidder, in accordance with Section 00130 of the Specifications, as modified by the Special Provisions.

**7. SPECIAL CONCERNS:**

- A. Provide access to all businesses, schools, and residents at all times.
- B. Provide access to first responders at all times.
- C. Services, such as delivery, waste management, mail, shall be maintained all times throughout all construction activities.
- D. The value of the Maintenance/Warranty Bond shall be equivalent to 10% of the final construction cost. See Special Provision Section 00170 for details.

**8. TIME OF COMPLETION:**

- A. All project work shall be completed by December 1, 2023.

## **PART II – BID FORMS**

## CERTIFICATION PAGE

Each Bidder (offeror) must read and comply with the following Sections. Failure to do so may result in bid/proposal (offer) rejection.

### **RESIDENCY INFORMATION**

ORS 279A.120 (2) states "For the purposes of awarding a public contract, a contracting agency shall: (a) Give preference to goods or services that have been manufactured or produced in this state if price, fitness, availability and quality are otherwise equal; and (b) Add a percent increase to the bid of a nonresident bidder equal to the percent, if any, of the preference given to the bidder in the state in which the bidder resides."

"Resident bidder" means a bidder that has paid unemployment taxes or income taxes in this state during the 12 calendar months immediately preceding submission of the bid, has a business address in this state and has stated in the bid whether the bidder is a "resident bidder" [ORS 279A.120(1)(b)].

"Non-resident bidder" means a bidder who is not a "resident bidder" as defined above [ORS 279A.120 (1) (b)].

Check one: Bidder is a  RESIDENT bidder  NON-RESIDENT bidder.

### **CERTIFICATION OF COMPLIANCE WITH DISCRIMINATION LAWS**

By my signature in Form of Proposal, I hereby attest or affirm under penalty of perjury that I am authorized to act on behalf of Contractor in this matter, and to the best of my knowledge the Contractor has not discriminated against minority, women or emerging small business enterprises certified under ORS 200.055, in obtaining any required subcontract or against a business enterprise that is owned or controlled by or that employs a disabled veteran as defined in ORS 408.225.

### **CERTIFICATION OF COMPLIANCE WITH OREGON TAX LAWS**

By my signature in Form of Proposal, I hereby attest or affirm under penalty of perjury that I am authorized to act on behalf of Contractor in this matter that I have authority and knowledge regarding the payment of taxes, and that Contractor is, to the best of my knowledge, not in violation of any Oregon Tax Laws.

For purposes of this certificate, 'Oregon Tax Laws' means those programs listed in ORS 305.380(4) which is incorporated herein by this reference. Examples include the state inheritance tax, personal income tax, withholding tax, corporation income and excise taxes, amusement device tax, timber taxes, cigarette tax, other tobacco tax, 9-1-1 emergency communications tax, the homeowners and renters property tax relief program and local taxes administered by the Department of Revenue.

### **VERIFICATION OF RESPONSIBILITY**

The City reserves the right, pursuant to ORS 279C.375 and OAR 137-049-0390, to investigate and evaluate, at any time prior to award and execution of the contract, the lowest bidder's (apparent successful offeror's) ability to perform the contract. Submission of a signed offer shall constitute approval for the City to obtain any information the City deems necessary to conduct the evaluation. The City shall notify the apparent successful offeror, in writing, of any other documentation required. Being a responsible bidder may include having the appropriate financial, material, equipment, facility and personnel resources and expertise, or ability to obtain the resources and expertise to perform the contract. Contractor shall have a satisfactory record of contract performance. The Contractor shall also have a satisfactory record of integrity. An unsatisfactory record of integrity may include previous violations of state environmental laws or a false certification made to any Public Agency. The Contractor is to be qualified legally to contract with the City of Woodburn. Failure to promptly provide any requested information may result in bid/proposal rejection.

The City may postpone the award of the contract after announcement of the apparent successful offeror in order to complete its investigation and evaluation. Failure of the apparent successful offeror to demonstrate responsibility, as required under ORS 279C.375 and OAR 137-049-0390, may render the offeror non-responsible and shall constitute grounds for offer rejection.

### **DRUG TESTING POLICY CERTIFICATION**

#### DRUG-TESTING POLICY CERTIFICATION:

By my signature in Form of Proposal, I hereby attest or affirm under penalty of perjury that I am authorized to act on behalf of Contractor in the matter, and to the best of my knowledge the Contractor has a drug-testing program in place which applies to all employees. Contractor shall maintain a drug-testing program at all times during the performance of the Contract awarded. Failure to maintain such a program shall constitute a material breach of contract. [ORS 279C.505J]

**FORM OF PROPOSAL**

**HARVARD DRIVE RAISED CROSSWALK PROJECT  
PROJECT No. 2023-011-11  
BID No. 2024-01**

Honorable Mayor and City Council  
City Hall  
Woodburn, Oregon 97071

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Proposal are those named herein, that the Proposal is in all respects fair and without fraud, which it is made without any connection or collusion with any person making another Proposal on this Contract.

The Bidder further declares that he has carefully examined the Contract Documents for the construction of the proposed improvements; that he has personally inspected the site; that he has satisfied himself as to the quantities of materials, items of equipment, and conditions or work involved, including the fact that the description of work and materials as included herein, is brief and is intended only to indicate the general nature of such items and to identify the said quantities with the detailed requirements of the Contract Documents; and that this Proposal is made according to the provisions and the terms of the Contract Documents, which Documents are herein attached and are hereby made a part of this Proposal.

The Bidder further agrees to complete construction of all work in all respects in accordance with the Special Provisions incorporated herein.

In the event the Bidder is awarded the Contract and shall fail to complete the work within the time limit set under Specifications of this document or extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the City of Woodburn, Oregon, using the rate formula outlined in the Special Provisions, and not less than \$150.00 per day, until the work shall have been finished, as provided by the Contract Documents.

The Bidder further proposes to accept as full payment for the work proposed herein the amount computed under the provisions of the Contract Documents and based on the following unit price amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, that they represent a true measure of the labor and material required to perform the work, including all allowance for overhead and profit for each type and unit of work called for in these Contract Documents.

The amounts shall be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern.

It is declared that the Bidder will comply with all provisions of ORS 279C.840. The workmen on the project will be paid Oregon Prevailing Wage Rates (also called "PWR").

It is agreed that if the Bidder is awarded the Contract for the work herein proposed and shall fail or refuse to execute the Contract and furnish the specified Performance Bond within ten (10) calendar days after receipt of notification of acceptance of his Proposal, then, in that event, the bid security in the sum of:

(In Words): \_\_\_\_\_

(In Numbers): \$ \_\_\_\_\_

deposited herewith according to the conditions of the Advertisement for Bids and Information to Bidders, shall be retained by the City of Woodburn, Oregon, as liquidated damages; and it is agreed that the said sum is a fair measure of the amount of damage the City of Woodburn will sustain in case the Bidder shall fail or refuse to enter into the contract for the said work and to furnish the Performance Bond as specified in the Contract Documents. Bid security in the form of a certified check shall be subject to the same requirements as a bid bond.

If the Bidder is awarded a construction contract on this proposal, the surety who will provide the Performance Bond will be:

\_\_\_\_\_ Whose address is:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ Zip  
Street City State

Agents Name: \_\_\_\_\_ Phone No. \_\_\_\_\_

The address for all communications concerned with this Proposal and where the Contract shall be sent is:

Contractor: \_\_\_\_\_ doing business at:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ Zip  
Street City State

**BID SCHEDULE****HARVARD DRIVE RAISED CROSSWALK PROJECT**

ITEM NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Mobilization (00210)	LS	1	\$	\$
2	Temporary Protection and Direction of Traffic (00225)	LS	1	\$	\$
3	Erosion Control (00280)	LS	1	\$	\$
4	6 inch PVC Storm Sewer Pipe (00445)	LF	35	\$	\$
5	Concrete Inlet, Type CG-3 (00470)	Each	1	\$	\$
6	Concrete Inlet, Type Beehive (00470)	Each	1	\$	\$
7	Concrete Inlet, Beehive Top on Existing Basin (00470)	Each	1	\$	\$
8	Minor Adjustment of Manholes (00490)	Each	1	\$	\$
9	Level 3, ½-inch Dense ACP (00744)	Ton	15	\$	\$
10	Concrete Curb, Standard Curb and Gutter (00759)	LF	91	\$	\$
11	Concrete Curb, Type C Curb (00759)	LF	23	\$	\$
12	Concrete Walks (00759)	SF	455	\$	\$
13	Monolithic Curb and Sidewalk (00759)	SF	481	\$	\$
14	Truncated Domes on New Surfaces (00759)	SF	60	\$	\$
15	Extra For New Curb Ramps (00759)	Each	4	\$	\$
16	Pavement Bar: Type, B-HS: Continental Crosswalk (00867)	SF	90	\$	\$
17	Pavement Bar: Type, B-HS: Stop Bar (00867)	SF	11	\$	\$
18	Perforated Steel Square Tube Sign Supports (00930)	LS	1	\$	\$
19	Signs, Standard Sheeting, Extruded Aluminum (00940)	SF	23	\$	\$
20	Right-of-Way Swale (01011)	SF	690	\$	\$
21	Planting: Spreading Rush ( <i>Junus patens</i> ), 1 gallon (01040)	Each	65	\$	\$
<b>GRAND TOTAL:</b>					<b>\$</b>

The names of the principal officers of the corporation submitting this Proposal, or of the partnership, or of all persons interested in this Proposal as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(If Sole Proprietor or Partnership)

In witness hereto the undersigned has set his (its) hand this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Title (If Corporation)

In witness whereof the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officer this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

Name of Corp:

Oregon Corp. No:

By:

Title:

CCB No:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Attest: \_\_\_\_\_  
*Secretary*

\_\_\_\_\_  
*(Initial)* "Bidder will comply with the provisions of Oregon Revised Statutes (ORS) 279C.840".

Attest: \_\_\_\_\_  
*Bidder*

**FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM**

**PROJECT NAME:** HARVARD DRIVE RAISED CROSSWALK  
**PROJECT No.:** 2023-011-11  
**BID OPENING DATE:** September 13, 2023 at 2:00 P.M.

**NAME OF BIDDING CONTRACTOR:** \_\_\_\_\_

CHECK THIS BOX IF YOU WILL NOT BE USING ANY FIRST-TIER SUBCONTRACTORS OR ARE NOT SUBJECT TO THE DISCLOSURE REQUIREMENTS (SEE ORS 279C.370)

Firm Name	Dollar Amount
Category of Work	\$

Firm Name	Dollar Amount
Category of Work	\$

Firm Name	Dollar Amount
Category of Work	\$

Firm Name	Dollar Amount
Category of Work	\$

(Attach additional sheets as necessary)



## **BID SUBMITTAL CHECKLIST**

The following is a checklist of the items that shall be submitted with the Bidder's proposal:

- Form of Proposal
- Signed Addenda, if any
- Bid Bond, on either Surety's standard form or the AIA form
- First Tier Subcontractor Disclosure Form
- Certification Page

## **PART III – CONTRACT FORMS**



## CONSTRUCTION AGREEMENT

THIS AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by and between \_\_\_\_\_, hereinafter called "CONTRACTOR" and the CITY OF WOODBURN, an Oregon Municipal Corporation, hereinafter called "City" or "Owner".

The Contractor, for the consideration hereinafter named, does hereby agree to furnish all materials, equipment, labor and necessary implements for the construction of **HARVARD DRIVE RAISED CROSSWALK PROJECT** and doing such other work as is necessary to make an appropriate and complete improvement.

All of said work shall be done according to the terms, conditions, and requirements of the Contract Documents including the: Advertisement of Bids, Contractor's signed Proposal, information to bidders, special specifications, general conditions, standard specifications, general specifications, and plans and Addendum Nos. (#) for said improvement, which Contract Documents by this reference are made a part of this agreement.

Said improvement shall be completed by the date specified in said Contract Documents and if not so completed, unless said time for completion is extended, as provided in the Contract Documents, or if extended, if the same is not completed within time extended, the City will suffer liquidated damages as specified in the Contract Documents, which liquidated damages shall be retained out of any monies due or to become due under this agreement.

Payments shall be made as provided in the Contract Documents. The contract amount, as approved by the Council on **September 25, 2023**, and agreed by the Contractor, is **#####**.

The City will pay the required fee to the Bureau of Labor and Industries equal to one-tenth of one percent (0.1 percent) of the price of this contract, minimum fee in the amount of \$250.00 and maximum fee of \$7,500.00.

The Contractor will pay the prevailing wage rates in accordance with ORS279C.830 and as amended by Davis Bacon and all current amendments as set forth in the Contract.

NOW, THEREFORE, in consideration of the faithful performance of the covenants and agreements hereinbefore made by the Contractor, the City hereby covenants and agrees to pay the Contractor as in said Contract Documents provided.

IN WITNESS WHEREOF, the respective parties hereto have each caused these presents to be executed in duplicate the day and year first above written.

CITY OF WOODBURN, OREGON

ATTESTED: \_\_\_\_\_  
Heather Pierson, *CITY RECORDER*                      Frank Lonergan, *MAYOR*

CONTRACTOR: \_\_\_\_\_  
*Organization*

By: \_\_\_\_\_ . Title: \_\_\_\_\_



**NOTICE OF CONTRACT AWARD**

PROJECT: **HARVARD DRIVE RAISED CROSSWALK PROJECT**

PROJECT No: **2023-011-11**

BID No: **2024-01**

The Owner has considered the bid submitted by you on **September 13, 2023**, for the above described work in response to its Invitation to Bid.

You are hereby notified that on **September 25, 2023** the City Council accepted your bid for construction of the work in the amount of **\$xxxx**

Under the terms of the Invitation to Bid, you are required to execute the Agreement and furnish bonds and certificates of insurance within **14-calendar days** from the date of this Notice.

If you fail to execute said Agreement and furnish said bonds and certificates of insurance within 14-days of this Notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your bid to be abandoned and as a forfeiture of your Bid Bond. The Owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this X of **XXXX, 2023**

By: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor shall fill in all information below this line and return original signed copy

-----

**ACCEPTANCE OF NOTICE**

Receipt of the foregoing Notice of Award is hereby acknowledged

**By:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_



Bond No.: \_\_\_\_\_  
Project No.: 2023-011-11  
Bid No.: 2024-01

## PERFORMANCE BOND

**KNOW ALL MEN BY THESE PRESENTS** that, \_\_\_\_\_,  
as the Principal, and \_\_\_\_\_, a corporation organized and  
existing under the laws of the State of Oregon, and duly authorized to transact a surety  
business in the State of Oregon, as Surety, are held and firmly bound unto the City of  
Woodburn, a municipal corporation of the State of Oregon, in the penal sum of  
\$ \_\_\_\_\_ Dollars \$ \_\_\_\_\_, lawful money of the United States of  
America, for the payment whereof well and truly to be made, we and each of us, jointly  
and severally, bind ourselves, our and each of our heirs, executors, administrators  
successors and assign, firmly by these presents.

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

**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 the "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 indemnify and save harmless the City of Woodburn, the, its 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.

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

This bond is given and received under authority of ORS Chapter 279C, the provisions of which hereby are incorporated into this bond and made a part hereof.

Contractor

By: \_\_\_\_\_

Title: \_\_\_\_\_

Surety

By: \_\_\_\_\_

Attorney-In-Fact



Bond No.: \_\_\_\_\_  
Project No.: 2023-011-11  
Bid No.: 2024-01

## PAYMENT BOND

**KNOW ALL MEN BY THESE PRESENTS** that, \_\_\_\_\_,  
as the Principal, and \_\_\_\_\_, a corporation organized and  
existing under the laws of the State of Oregon, and duly authorized to transact a surety  
business in the State of Oregon, as Surety, are held and firmly bound unto the City of  
Woodburn, a municipal corporation of the State of Oregon, in the penal sum of  
\$\_\_\_\_\_ Dollars \$\_\_\_\_\_, lawful money of the United States of  
America, for the payment whereof well and truly to be made, we and each of us, jointly  
and severally, bind ourselves, our and each of our heirs, executors, administrators  
successors and assign, firmly by these presents.

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

**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 the "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 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, including the conditions listed in ORS  
279.310 to 279.320, and shall indemnify and save harmless the City of Woodburn, its  
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 Subcontractor 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 the City of Woodburn 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.

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

This bond is given and received under authority of ORS Chapter 279C, the provisions of which hereby are incorporated into this bond and made a part hereof.

Contractor

By:

Title:

Surety

By:

\_\_\_\_\_  
Attorney-In-Fact



Bond No.: \_\_\_\_\_  
Project No.: 2023-011-11  
Bid No.: 2024-01

### MAINTENANCE/WARRANTY BOND

**KNOW ALL MEN BY THESE PRESENTS** that, \_\_\_\_\_,  
as the Principal, and \_\_\_\_\_, a corporation organized and  
existing under the laws of the State of Oregon, and duly authorized to transact a surety  
business in the State of Oregon, as Surety, are held and firmly bound unto the City of  
Woodburn, a municipal corporation of the State of Oregon, in the penal sum of  
\$ \_\_\_\_\_ Dollars \$ \_\_\_\_\_, lawful money of the United  
States of America, for the payment whereof well and truly to be made, we and each of  
us, jointly and severally, bind ourselves, our and each of our heirs, executors,  
administrators successors and assign, firmly by these presents.

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

**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 Maintenance/Warranty Bond by  
reference, whether or not attached to the contract (all hereafter called the "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 the Principal agrees to warrant to the City of Woodburn that the construction  
is, and will remain for a period of one (1) year from the date of acceptance, free from  
defects in materials and workmanship.

That if the Principal herein shall faithfully and truly observe the terms, provisions,  
conditions, stipulations, directions, and requirements of the Contract and shall in all  
respects, whether the same be enumerated herein or not, faithfully comply with the same  
and shall assume the defense of indemnify and save harmless the City of Woodburn, its  
officers, agents, and employees from all claims, liabilities, loss, damage or injury which  
may have been suffered or claimed to have been suffered to persons or property directly  
or indirectly resulting from or arising out of the operations or conduct of the Principal or

any subcontractor in the performance of the work under the Contract and shall indemnify and make whole the City for any injury or damage to any street, highway, avenue, or road or any part thereof, resulting from the operations or conduct of the Principal or any subcontractor in connection with performance or conduct of the work under the Contract, and shall in all respects faithfully keep and observe all of said terms, provision, conditions, stipulations, directions, and requirements, then this obligation is void, otherwise, it shall remain in full force and effect.

WITNESS our hand and seals this \_\_\_\_ day of \_\_\_\_\_, 2023.

Contractor

By:

Title: \_\_\_\_\_

Surety

By: \_\_\_\_\_

Attorney-In-Fact

**NOTICE TO PROCEED**

**PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION**



PROJECT NAME:	HARVARD DRIVE RAISED CROSSWALK		
BID #:	2024-01	PROJECT No #:	2023-011-11
AMOUNT:	\$	BEGIN DATE:	
CONTRACTOR:		CCB #:	
ADDRESS:			

You are hereby notified to commence work on the referenced contract and complete all of the work of said contract not later than December 1, 2023.

The completion date is therefore: **December 1, 2023.**

The contract provides for the assessment of liquidated damages for each consecutive calendar day after the above-established contract completion date that the work remains incomplete in the amount of: \$  per day.

PM for THE CITY OF WOODBURN: Cole Grube

DATE: \_\_\_\_\_

**Contractor:** *Complete items below this line and return Document to Owner within seven (7) days:*

---

**CONTRACTOR'S ACCEPTANCE OF THIS NOTICE**

Receipt of the foregoing Notice to Proceed is hereby acknowledged:

SIGNED: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**PART IV – TECHNICAL SPECIFICATIONS &  
SPECIAL PROVISIONS**

Oregon Standard Specifications for Construction,  
2021 Edition

# **HARVARD DRIVE RAISED CROSSWALK PROJECT**

## **SPECIAL PROVISIONS**

### **WORK TO BE DONE**

The Work to be done under this Contract consists of the following:

1. Construct one (1) raised crosswalk;
2. Install three (3) new catch basins, various types; and
3. Construct concrete walks, 900 square feet.

### **APPLICABLE SPECIFICATIONS**

The Specifications that are applicable to the Work on this Project is the 2021 edition of the "Oregon Standard Specifications for Construction", as modified by these Special Provisions. All Sections in Part 00100 apply, whether or not modified or referenced in the Special Provisions.

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

### **CLASS OF PROJECT**

This is a City of Woodburn Project.

# HARVARD DRIVE RAISED CROSSWALK PROJECT

## SECTION 00150 - CONTROL OF WORK

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

**00150.15(a) General** – Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall perform no work until the Contractor establishes field controls. Work performed without field controls will be subject to removal at the Contractor's expense.

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

The Engineer will provide survey points in a DWG file or text file to the Contractor. The contractor will use survey points to provide the Construction Surveying and perform earthwork slope staking, including grade, cross sections, intersections and matchlines, and set stakes defining limits for clearing which approximate Right-of-Way and easements.

**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 Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305). Additionally, the Contractor shall perform earthwork slope staking including intersections and matchlines, and set stakes defining limits for clearing which approximate right-of-way and easements.

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

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

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

**00150.50(c) Contractor Responsibilities** – Replace the bullet that begins "Protect from damage or disturbance any Utility that remains..." with the following bullet:

- Protect from damage or disturbance any Utility that remains within the area in which Work is being performed. Maintain and re-establish location marks according to OAR 952-001-0090(3)(a). Coordinate re-establishment of the location marks with the associated Utility;

Replace the bullet that begins "Determine the exact location before excavating within ..." with the following bullet:

- Determine the exact location before excavating within the tolerance zone according to OAR 952-001-0090(3)(c);

## HARVARD DRIVE RAISED CROSSWALK PROJECT

Replace the bullet that begins " In addition to the notification required in OAR 952-001-0090(5), notify the Engineer..." with the following bullet:

- 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; and

Add the following subsection:

### **00150.50(g) Utility Information:**

The organizations listed in Table 00150-1 may own Utilities within the limits of the Project.

**Table 00150-1**

<b>Utility</b>	<b>Contact Person's Name, Address, Email, and Phone Number</b>
NW Natural	Darrell Hammond NW Natural – Field Engineering Technician T: 503.585.6611 x8035 C: 541.981.0164 <a href="mailto:d5h@nwnatural.com">d5h@nwnatural.com</a>
PGE	Tyesha McDougal Key Customer Manager T: 503-464-7534 C: 971-347-4631 <a href="mailto:tyesha.mcdougal@pgn.com">tyesha.mcdougal@pgn.com</a>
Datavision	Jason Riggs Construction Coordinator T: 503-792-3611 C: 503-932-2727 <a href="mailto:jriggs@datavision.coop">jriggs@datavision.coop</a>
Wavebroadband	Jerry Benson Technical Operations Construction Coordinator 1 C: (503) 307-0350 <a href="mailto:oregon.construction@astound.com">oregon.construction@astound.com</a>
Lumen Technologies	Travis Vaughn Network Implementation Engineer T: 503-399-4931 C: 503-798-1009 <a href="mailto:travis.vaughn@lumen.com">travis.vaughn@lumen.com</a>
Comcast Cable	Phillip Curtis C: 971-777-0933 <a href="mailto:Phillip_Curtis@comcast.com">Phillip_Curtis@comcast.com</a>

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. Within 24 hours of discovering any utility conflicts, the Contractor shall notify the Engineer, in writing.



# HARVARD DRIVE RAISED CROSSWALK PROJECT

## SECTION 00170 – LEGAL RELATIONS AND RESPONSIBILITIES

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

**00170.85(b)(2) General Warranty for Local Agency Projects** – Add the following sentence to the end of the paragraph that begins “The Contractor shall warrant all Work and workmanship...”:

The value of the Warranty Bond shall be equivalent to ten percent (10%) of the final construction cost.

## SECTION 00190 - MEASUREMENT OF PAY QUANTITIES

Comply with Section 00190 of the Standard Specifications modified as follows:

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

The Contractor shall inform the Engineer of its intent to use a scale without an automatic printer at least 3 working days before weighing begins or before the Contractor changes to a scale that does not have an automatic printer.

## SECTION 00195 - PAYMENT

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

**00195.10 Payment For Changes in Materials Costs** - Replace this subsection with the following subsection:

**00195.10 Asphalt Cement Material Price Escalation/De-escalation** - An asphalt cement escalation/de-escalation clause will be in effect during the life of the Contract.

The Agency reserves all of its rights under the Contract, including, but not limited to, its rights for suspension of the Work under 00180.70 and its rights for termination of the Contract under 00180.90, and this escalation/de-escalation provision shall not limit those rights.

**(a) Monthly Asphalt Cement Material Price (MACMP)** - The Monthly Asphalt Cement Material Price (MACMP) will be established by the Agency each month and will be based on the published prices of PG 64-22 asphalt cement furnished by Poten & Partners, Inc. The Portland, Oregon area prices will be used as the basis of the MACMP. The area selected as the basis of the MACMP, once chosen, will become the sole area to be used as the basis for all asphalt cement used on the Project. Each MACMP for a given month will be the average of the published prices for that MACMP for each Friday in that month.

For information regarding the calculation of the MACMP, and for the actual MACMP, go to the Agency website at:

<https://www.oregon.gov/ODOT/Business/Pages/Asphalt-Fuel-Price.aspx>

## HARVARD DRIVE RAISED CROSSWALK PROJECT

If the Agency-selected index ceases to be available for any reason, the Agency in its discretion will select and begin using a substitute price source or index to establish the MACMP each month. The MACMP will apply to all asphalt cement including but not limited to paving grade, polymer modified, and emulsified asphalts, and recycling agents. The Agency does not guarantee that asphalt cement will be available at the MACMP.

**(b) Base Asphalt Cement Material Price (Base)** - The base asphalt cement material price for this Project is the MACMP published on the Agency website for the month immediately preceding the Bid Opening date.

**(c) Monthly Asphalt Cement Adjustment Factor** - The monthly asphalt cement adjustment factor will be determined each month as follows:

- If the MACMP is within  $\pm 5\%$  of the Base, there will be no adjustment.
- If the MACMP is more than 105% of the Base, then:

$$\text{Adjustment Factor} = (\text{MACMP}) - (1.05 \times \text{Base})$$

- If the MACMP is less than 95% of the Base, then:

$$\text{Adjustment Factor} = (\text{MACMP}) - (0.95 \times \text{Base})$$

**(d) Asphalt Cement Price Adjustment** - A price adjustment will be made for the items containing asphalt cement listed below. The price adjustment as calculated in (c) above will use the MACMP for the month the asphalt is incorporated into the Project. The price adjustment will be determined by multiplying the asphalt incorporated during the month for subject Pay Items by the Adjustment Factor.

**(e) Asphalt Binder Conversion:** For the purpose of asphalt material escalation, it is assumed that a conversion rate of .06 tons of Binder per ton of ACP.

The Pay Items for which price adjustments will be made are:

### Pay Item(s)

Level 3, 1/2" Dense ACP

## SECTION 00199 - DISAGREEMENTS, PROTESTS, AND CLAIMS

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

**00199.40(c) Step 2: Agency Level Review** - Replace the paragraph that begins "If the Contractor does not accept the Step 2 ..." with the following paragraph:

If the Contractor does not accept the Step 2 decision, the Contractor may, within 10 Calendar Days of receipt of the written decision, request in writing through the Engineer that the claim

## HARVARD DRIVE RAISED CROSSWALK PROJECT

be advanced to Step 3 or 4 (see (d) and (e) below), as applicable. For purposes of determining which process to use for claims under Step 3 or 4 concerning a combination of additional compensation and Contract Time or for Contract Time only, the value of the claim or portion of the claim for Contract Time will be assumed to be the appropriate Liquidated Damages as provided in 00180.85 multiplied by the number of Calendar Days in question. If applicable, advancement of the claim is subject to the provisions of 00199.60 regarding waiver and dismissal of the claim or portions of the claim.

### SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

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

**00220.40(e)(1) Lane Closures** – One or more Traffic Lanes may be closed when allowed, shown, or directed during the following periods of time except as specified in 00220.40(e)(2):

- Daily, Monday through Thursday, between 8:00 a.m. and 4:00 p.m.
- Friday, between 8:00 a.m. and 3:00 p.m.

**00220.40(e)(2)(a) Holidays** – Replace the section that begins “For the Purposes of this Section...” with the following:

For the purposes of this Section, legal holidays are as follows:

- New Year’s Day on January 1
- Martin Luther King Jr Day on the third Monday in January
- Presidents Day on the third Monday in February
- Memorial Day on the last Monday in May
- Juneteenth on June 19
- Independence Day on July 4
- Labor Day on the first Monday in September
- Veterans Day on November 11
- Thanksgiving Day on the fourth Thursday in November
- Day After Thanksgiving Day on the Friday after the fourth Thursday in November
- Christmas Eve on December 24
- Christmas Day on December 25

When a holiday falls on Sunday, the following Monday shall be recognized as a legal holiday. When a holiday falls on Saturday, the preceding Friday shall be recognized as a legal holiday.

### SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

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

## HARVARD DRIVE RAISED CROSSWALK PROJECT

**00221.06 Traffic Control Plan** – Replace the sentence that begins “The Contractor will be allowed to use the Agency’s...”, with the following:

The Contractor shall prepare a Project specific TCP.

**00221.06(c) Tourist Oriented Directional and Business Logo Signs** – Delete this subsection.

**00221.98 Payment Method “B”** – Replace the sentence that begins “Payment will be payment in full for furnishing ...”, with the following:

Payment will be payment in full for preparing and submitting a TCP, furnishing, installing, moving, operating, maintaining, inspecting, and removing and TCD, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

### SECTION 00280 - EROSION AND SEDIMENT CONTROL

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

**00280.00 Scope** - Add the following paragraph to the end of this subsection:

The NPDES 1200-CN Permit is not applicable to the Project.

**00280.62 Inspection and Monitoring** - Replace this subsection, except for the subsection number and title, with the following:

Inspect the Project Site and all ESC devices for potential erosion or sediment movement on a weekly basis and when 1/2 inch or more of rainfall occurs within a 24-hour period, including weekends and holidays.

If a significant noncompliance or serious water quality issue occurs that could endanger health or the environment, verbally report it to the Engineer within 24 hours.

**00280.90 Payment** - In the paragraph that begins "Item (a) includes..." delete the bullet that specifies "providing the Erosion and Sediment Control Manager".

### SECTION 00305 - CONSTRUCTION SURVEY WORK

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

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

In addition to the requirements of the ODOT *Construction Surveying Manual for Contractors*, establish Engineering Stationing at 50 foot intervals for the length of the project along the shoulder of the highway. Maintain the stationing so it is visible throughout construction of the project.

# HARVARD DRIVE RAISED CROSSWALK PROJECT

## SECTION 00330 - EARTHWORK

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

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

Perform all earthwork under this Section on the excavation basis.

**00330.14 Selected Granular Backfill** - Delete the sentence that begins "Reclaimed glass meeting the requirements of Section 02695..."

**00330.15 Selected Stone Backfill** - Delete the sentence that begins "Reclaimed glass meeting the requirements of Section 02695..."

**00330.41(a)(7) Abandoned Pipes and Miscellaneous Matter** - Replace this subsection, except for the subsection number and title, with the following:

Remove and dispose of all abandoned pipe, Structures, and miscellaneous matter:

- Encountered in the work
- Located within 2 feet below subgrade
- Located within 2 feet of finished slope

Remove remaining abandoned pipes and structures, or completely fill abandoned pipes and structures with CLSM that meets the requirements of 00442.

Perform removal Work as part of the earthwork. Dispose of waste materials according to 00290.20.

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

**00330.80 Measurement** - Add the following after the bulleted list:

No field measurement of earthwork items will be performed. The quantity will be the theoretical neat line volume constructed and accepted for each item. If changes are ordered, only the quantity included in the ordered changes will be measured.

**00330.91(b) Foundation Excavation** - Add the following bulleted item:

- When foundation excavation is not included in the Schedule of Items, foundation excavation will be paid according to 00331.90.

**00330.91(d) General Excavation** - Replace the last sentence of the fourth bulleted item with the following:

When such excavation is not part of a continuous operation, the roadway excavation is complete, and the Contractor is required to move Equipment in to perform the excavation, the excavation will be paid according to 00331.90.

## HARVARD DRIVE RAISED CROSSWALK PROJECT

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

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

- Earthwork required for driveways, curb ramps, and road approaches. Earthwork for driveways, curb ramps, and road approaches will be that which is outside the Neat Line limits shown on the typical sections.

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

### SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL

Comply with Section 00405 of the Standard Specifications modified as follows:

**00405.48(c) Pavement, Curb, and Sidewalk** – Replace the sentence that begins "Upon completion of backfill and just prior to Pavement resurfacing,...", with the following:

Upon completion of backfill and just prior to Pavement resurfacing, saw the Surfacing on both sides of the trench a minimum of 12-inches wider than each top of the trench.

**00405.90 Payment** - Add the following paragraph to the end of this subsection:

When the Contract Schedule of Items does not indicate payment for Work performed under this Section, no separate or additional payment will be made. Payment will be included in payment made for the appropriate items under which this Work is required.

### SECTION 00415 - VIDEO PIPE INSPECTION

Comply with Section 00415 of the Standard Specifications modified as follows:

**00415.40 (f) Recording Format and Labeling** – Replace this subsection with the following:

**00415.40 (f) Recording Format and Labeling** – Record the video inspection using the latest version of NASSCO's PACP/MACP.

Furnish recordings on NASSCO PACP/MACP program and inventory sheets on CD including a test file to indicate the project number and name, date of inspection, pipe segment number, Contractor's name and weather it is a pre-construction or post-construction video, filenames, and description of the file contents.

## HARVARD DRIVE RAISED CROSSWALK PROJECT

### SECTION 00440 - COMMERCIAL GRADE CONCRETE

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

**00440.12 Properties of Commercial Grade Concrete** - Replace the bullet that begins "Slump - 5 inches..." with the following bullets:

- **Slump** - 5 inches or less
  - For concrete sidewalks, curb ramps, driveways, or other hand finished surface applications, and when using a high range water reducing admixture, provide a slump of 8 inches or less as approved by the Engineer.

**00440.13 Field-Mixed Concrete** - Replace the subsection, except for subsection number and title, with the following:

CGC Work items listed in 00440.14(a) may be field-mixed conventionally, or by volumetric/mobile mixers conforming to ASTM C685. When approved, concrete sidewalks, concrete curb ramps, concrete driveways, and other flat concrete surfaces may be field-mixed using volumetric/mobile mixers conforming to ASTM C685, request approval prior to placement. For all other CGC applications, submit written request to the Engineer for approval to use volumetric/mobile mixers conforming to ASTM C685 at least 21 Days prior to placement.

Pre-packaged dry blended concrete from the QPL may be used for Work items listed in 00440.14(a).

**00440.40(b) Placing** - Add the following bullet to the end of the bullet list:

- When haul time or placement conditions warrant exceeding the time of discharge, submit a detailed breakdown of the estimated time needed from batching to discharge of a load along with the measures that will be taken to ensure slump, temperature and uniformity will be maintained. Submit in advance to establish a new time limit at the Engineer's discretion.

### SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications modified as follows:

**00470.41(c) Grates, Frames, Covers and Fittings** - Replace this subsection, except for the subsection number and title, with the following:

Set metal frames for manholes on full non-shrink grout beds to prevent infiltration of surface water or groundwater between the frame and the concrete of the manhole section. If concrete is to be poured around the frames, coat the portion of the frame that will contact the concrete with hot asphalt before placing the concrete. Set frames, covers and grates true to the locations and grades established. Clean bearing surfaces and provide uniform contact. The use of a bolt adjustment system for frames from the QPL is allowed. Secure all fastenings. Construct all mortared, sanitary sewer manhole necks and all riser ring joints made with

## HARVARD DRIVE RAISED CROSSWALK PROJECT

non-shrink grout using an approved commercial concrete bonding agent applied to all cured concrete surfaces being grouted.

**00470.42 Precast Concrete Catch Basins and Inlets** - Add the following sentence to the end of this subsection:

Grade adjustments using a bolt system from the QPL is allowed.

### SECTION 00620 - COLD PLANE PAVEMENT REMOVAL

Comply with Section 00620 of the Standard Specifications modified as follows:

**00620.40(e) Warning Signs** - Replace this subsection, except for the subsection number and title, with the following:

Provide warning signs as required where abrupt or sloped drop-offs occur at the edge of the existing or new surface according to Sections 00221 and 00222.

**00620.43 Maintenance Under Traffic** - Replace this subsection, except for the subsection number and title, with the following:

Traffic will be allowed on the cold planed surface up to 14 Calendar Days after removing the existing surface. Sweep and clean the cold planed surface before opening to traffic.

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

**00620.90 Payment** – Add the following sentence to the end of the this subsection:

When the Contract Schedule of Items does not indicate payment for the Work under this Section, no separate or additional payment will be made. Payment will be included in payment made for the appropriate items under which this work is required.

### SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS

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

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

Base aggregate shall be either 1"-0 or 3/4"-0 size.

**00641.12 Limits of Mixture** - Add the following after the first sentence:

Water can be added to aggregate on grade to achieve optimum moisture and compaction. Care must be taken not to segregate the fine materials from the rock in the aggregate.



## HARVARD DRIVE RAISED CROSSWALK PROJECT

**00641.41 Mixing, Hauling, and Placing** - Replace the sentence that begins "Add water to the Aggregate..." with the following two sentences:

Add water to the aggregate while mixing to provide a moisture content according to 00641.12 and paragraph (a) of this subsection. Water can be added to aggregate on grade to achieve optimum moisture and compaction. Care must be taken not to segregate the fine materials from the rock in the aggregate.

**00641.44(a-1) Dense-graded Aggregates** - Replace this subsection, except for the subsection number and title, with the following:

Begin compaction of each layer of dense-graded Aggregates immediately after the Material is spread. Continue compaction to achieve a minimum of 95% of maximum density. Determine maximum density according to AASHTO T 99, Method D, and coarse particle correction according to AASHTO T 224. Test in place density according to AASHTO T 310. Determine in place compaction of non-density testable Material according to ODOT TM 158.

**00641.41 Mixing, Hauling, and Placing** - Replace the sentence that begins "Add water to the Aggregate..." with the following two sentences:

Add water to the Aggregate while mixing to provide a moisture content according to 00641.12 and subsection 00641.41(a). Road mix is not allowed on this Project.

### SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

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

**00730.11 Emulsified Asphalt** - In the paragraph that begins "Obtain samples according to AASHTO T 40..." replace the words "AASHTO T 40" with the words "AASHTO R 66".

**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.

### SECTION 00744 - ASPHALT CONCRETE PAVEMENT

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

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

Provide PG 64-22 or PG 70-22 grade asphalt cement for this Project.

**00744.90 Payment** - Add the following bullet to the bulleted list:

- Emulsified Asphalt Tack Coat

## HARVARD DRIVE RAISED CROSSWALK PROJECT

**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:

**00759.03 Required Submittals** - Replace the sentence that begins "Do not begin any curb ramp Work...", with the following:

Do not begin the any curb ramp Work before the preplacement conference has been conducted.

**00759.03(a) Working Drawings** – Delete this subsection.

**00759.03(b) Curb Ramp Plan** – Delete this subsection.

Add the following subsection:

**00759.03(d) Corrective Action** - Unless otherwise approved, notify the Engineer before performing corrective action.

Add the following subsection:

**00759.23 Concrete Resurfacing Equipment** - Furnish power-operated scarifying Equipment capable of uniformly removing and preparing the existing surface to depths required. For concrete grinding operations, furnish 12 segment grinders, fine-toothed scarifying Equipment, or other approved grinding Equipment.

**00759.50(a) General** - Add the following paragraphs to the end of this subsection:

Install truncated domes as shown. Place according to the manufacturer's recommendation. 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.

In addition, finish concrete surfaces of Structures to be within the established Slopes and dimensions allowed by the Standard Drawings and Plans. Repair or remove and replace Structures not meeting the Standard Drawings and Plans at no additional cost to the Agency.

Perform correction of defects according to 00759.55.

**00759.50(c) Driveways, Walks, and Surfacing** - Replace this subsection, except for the subsection number and title, with the following:

Prevent segregation of the concrete during placement. Strike-off the concrete to the grade shown, and float the surface smooth. After the water sheen disappears, edge the joints and

## HARVARD DRIVE RAISED CROSSWALK PROJECT

remove edging tool marks prior to final finishing. Lightly cross-broom the surface to a uniform texture. Do not trowel joints or edges after brooming surface.

The 24 inch smart level will be used to measure driveway and sidewalk cross slopes on the Pedestrian Access Route.

**00759.50(d) Curb Ramps** - Replace this subsection, except for the subsection number and title, with the following:

Prevent segregation of the concrete during placement. Strike-off the concrete to the grade shown and float the surface smooth. After the water sheen disappears, edge the joints and remove edging tool marks prior to final finishing. Lightly cross-broom the surface to a uniform texture. Do not trowel joints or edges after brooming surface.

The 6 inch smart level will be used to measure curb running slope. The 6 inch smart level will be used to measure slopes on portions of the curb ramp, gutter pan, or adjacent surfaces that cannot accommodate a 24 inch smart level. All other curb ramp locations will use a 24 inch smart level to measure slopes.

Add the following subsection:

**00759.55 Correction of Deficient Structures** - Unless otherwise approved, notify the Engineer before performing corrective action. Correct deficiencies at no additional cost to the Agency. Perform corrective actions as directed, according to the approved corrective action plan, and according to the following:

**(a) Minor Corrective Action** - Submit Equipment and procedure for minor corrective action to the Engineer for approval. Minor corrective action can be performed to correct a deficiency up to 1 square foot per panel. Limit minor corrective action to one area per panel. Perform minor corrective action according to the following:

**(1) Concrete Grinding** - Grinding to correct high area deficiencies is limited to 3/16 inch. Use equipment meeting the requirements of 00759.23. Resurface all ground concrete surfaces according to 00759.55(a)(2).

**(2) Concrete Resurfacing** - Resurfacing to correct low area deficiencies is limited to 3/16 inch depth. Existing concrete is to be at least 7 Days old prior to resurfacing. Resurface repair areas according to the following:

a. **Keyway** - Sawcut a keyway at the boundaries of repair areas that are not already defined by panel control joints. Sawcut is to be 1/8 inch wide by 1/4 inch deep. Bevel inside edge of keyway at a 45 degree angle.

b. **Surface Preparation** - Prepare limits of repair area by grinding using Equipment from 00759.23. After grinding, sandblast the surface of the repair area. Clean the surface using a low pressure washer, less than 5,000 psi.

c. **Presoak** - Presoak the repair area for a minimum of 30 minutes to saturated surface dry. Prior to resurfacing, ensure there is no ponding water on the surface.

## HARVARD DRIVE RAISED CROSSWALK PROJECT

d. **Resurface** - Provide concrete resurfacer from the QPL according to 02015.60; refer to QPL remarks to select an appropriate material based on allowable installation depths. Furnish resurfacer in a color that closely matches the color of surrounding concrete surfaces. Mask boundaries of the repair area. Use hand tools to work resurfacer into keyways and match existing grade at boundaries. Apply a light broom-finish to achieve non-slip surface.

e. **Curing and Return to Traffic** - Wet cure for a minimum of 1 hour or per the manufacturer's recommendation, whichever is more restrictive. Follow manufacturer's recommendation for return to traffic time.

(3) **ACP Grinding** - Taper grind to match existing Pavement with a minimum grinding width of 1 foot for each 1/4 inch of ACP removed.

(b) **Acceptance of Structures** - Once the corrective work or replacement has been completed, acceptance will be based on the Engineer's inspection and approval of the Structure.

**00759.90 Payment** - Replace the paragraph that begins " Item (k) includes the additional Work required ..." with the following paragraph:

Item (k) includes the additional Work required to construct a curb ramp or replace an existing curb ramp. When replacing an existing curb ramp or retrofitting a curb ramp into an existing concrete pedestrian facility, item (k) also includes saw cutting and removal. Payment for the area of the curb ramp will be made under the concrete walks or monolithic curb and sidewalks Pay Items.

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

No separate or additional payment will be made for:

- saw cutting;
- preplacement conference;
- concrete form verification;
- any necessary repair or removal and replacement of curb ramps;
- providing supervisory personnel who have an active ODOT ADA Certification for Contractors to directly supervise the curb ramp Work; or
- developing corrective action plans.

### SECTION 00869 - CURB AND NON-TRAVERSABLE MEDIAN MARKINGS

Section 00869, which is not a Standard Specification, is included in this Project by Special Provision.

#### Description

## HARVARD DRIVE RAISED CROSSWALK PROJECT

**00869.00 Scope** - In addition to the requirements of Section 00850, 00860, and 00865, install curb markings and non-traversable median markings according to the following Specifications.

### Labor

**00869.31 Manufacturer-Certified Installers** - Provide certified installers according to 00850.31 for thermoplastic applications.

### Construction

**00869.45 Installation** - Apply curb markings and non-traversable median markings only when the following conditions are met:

- The ambient temperature is at least 50 °F and rising
- The pavement has been dry for at least 48 hours
- 30 Calendar Days of cure time for new concrete curb or median.

Apply the Material to the pavement according to the manufacturer's installation instructions to the full height and width of curb or median as shown in the Plans.

Apply one or more of the following marking material types:

- **Paint** - Apply according to 00860.45 along full height of curb face and along full width of top of curb or non-traversable median.
- **Thermoplastic, Sprayed** - Apply according to 00865.45, using Method B Spray Markings to the full height of curb face and along full width of top of curb or non-traversable median.
  - Apply each application of painted thermoplastic marking at a thickness of 60 mils.

### Measurement

**00869.80 Measurement** - The quantities of non-traversable median markings will be measured on the area basis. The quantities of curb markings will be measured on the length basis.

### Payment

**00869.90 Payment** - The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

#### Pay Item

#### Unit of Measurement

(a) Curb Marking, Paint..... Foot

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

**HARVARD DRIVE RAISED CROSSWALK PROJECT**

**SECTION 01011 - STORMWATER CONTROL**

Section 01011, which is not a Standard Specification, is included for this Project by Special Provision.

**Description**

**01011.00 Scope** - This Work consists of furnishing and installing right-of-way swales as shown.

**Materials**

**01011.10 Materials** - Furnish Material meeting the following requirements:

Granular Drain Backfill .....	00430.11
Topsoil .....	01040.14

**Construction**

**01011.40 General** - Construct right-of-way swale as shown.

**Measurement**

**01011.80 Measurement** – The quantities of right-of-way swale will be measured on an area basis. Measurement will be the finished surface, limited to the Neat Lines shown or directed.

**Payment**

**01011.90 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:

<b>Pay Item</b>	<b>Unit of Measurement</b>
(a) Right-of-Way Swale .....	Square Foot

Item (a) includes the excavation, granular drain rock, and topsoil. Plantings will be paid for under a separate item.

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

# HARVARD DRIVE RAISED CROSSWALK PROJECT

## SECTION 01040 – PLANTING

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

**01040.49 General Planting** – Add the following bullet to the list:

- *Junus patens* shall be planted with a 3' spacing between plants. Confirm location with the Engineer prior to planting.

## SECTION 02001 - CONCRETE

Comply with Section 02001 of the Standard Specifications modified as follows:

**02001.02 Abbreviations and Definitions:** Replace the sentence that begins “**Pozzolans** - Fly ash, silica fume...” with the following sentence:

**Pozzolans** - Fly ash, natural Pozzolans, silica fume, and high-reactivity Pozzolans.

Replace the sentence that begins “**Supplementary Cementitious Materials** - Fly ash, silica fume...” with the following sentence:

**Supplementary Cementitious Materials** - Pozzolans and ground granulated blast furnace slag.

**02001.15(a) Current Mix Designs** - Replace this subsection, except for the subsection number and title, with the following:

Mix designs that meet the requirements for the specified class of concrete and are currently being used or have been used within the past 24 months on any project, public or private, may be submitted for review. Provide individual test results that comprise the average if more than one data point exists. For paving designs the flexural strength testing must be from within the last two years. For HPC designs the length change and permeability tests must be from within the last two years.

**02001.20(a) Strength** - Replace Table 2001-1 with the following Table 2001-1:

**Table 02001-1**

<b>Concrete Strength and Water/Cementitious Material (w/cm) Ratio</b>		
<b>Type of Concrete</b>	<b>Strength <math>f'_c</math> (psi)</b>	<b>Maximum w/cm Ratio</b>
Structural	3300	0.50
	3300 (Seal)	0.45
	4000	0.48
	4000	

## HARVARD DRIVE RAISED CROSSWALK PROJECT

	(Drilled Shaft)	
	HPC4500	0.40
	HPC(IC)4500	
	5000 +	
Paving	4000	0.44
<b>PPCM's</b> (with cast-in-place decks and no entrained air)	5000	0.48
	5500	0.44
	6000 +	0.42

**02001.30(e)(1) HPC Coarse Aggregate Content** - Delete the paragraph that begins “Two or more Aggregate products or sources...”

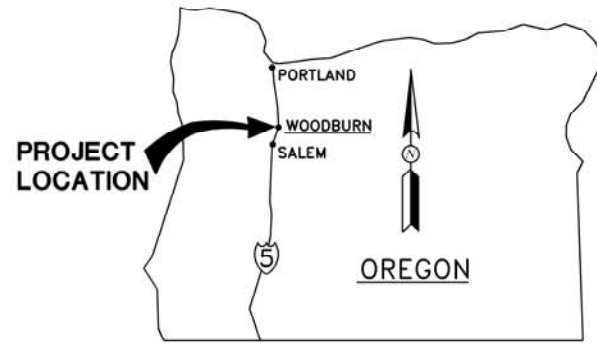


## **PART V – PLANS**

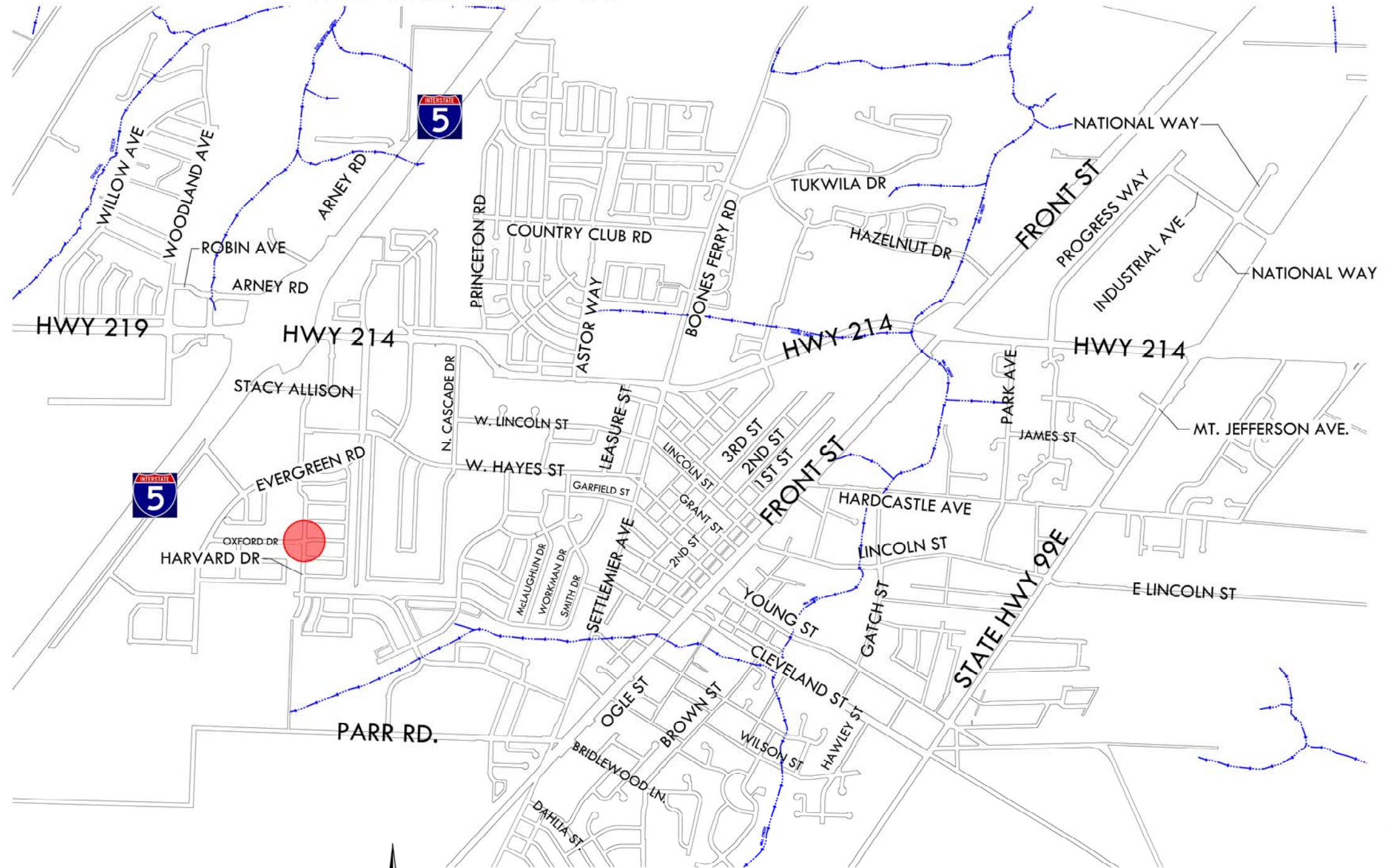
# HARVARD DRIVE RAISED PEDESTRIAN CROSSING

PROJECT No. 2023-011-11

BID No. 2024-01



**AREA MAP**  
NTS



**VICINITY MAP**  
NTS

■ PROJECT LOCATION

## INDEX OF DRAWINGS

SHEET NO.	TITLE
1.	TITLE SHEET
2.	CONSTRUCTION NOTES
3.	SYMBOLS AND LEGENDS
4.	PLAN SHEET
5.	DETAILS
6.	DETAILS
7.	DETAILS

**BID SET**

THIS BAR IS ONE-INCH ON ORIGINAL DRAWING. 	DESIGNED: <u>GK</u> DRAWN: <u>GK</u> REVIEWED: <u>CB</u> APPROVED: <u>CB</u> HORIZONTAL DATUM: LOCAL VERTICAL DATUM: LOCAL		REVISIONS:	HARVARD DRIVE RAISED PEDESTRAIN CROSSING <b>TITLE SHEET</b>	PROJECT NO. 2023-011-11
					DATE AUGUST 2023
					SHEET NO. 1

**GENERAL NOTES:**

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2021 EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
2. CONTRACTOR SHALL HAVE A COPY OF THESE APPROVED PLANS AND DETAILS SHALL BE ON-SITE DURING CONSTRUCTION.
3. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE AGENCY PRIOR TO ANY IMPLEMENTATION IN THE FIELD.
4. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL ONE CALL LOCATE AT LEAST 48 HOURS IN ADVANCE. THE PUBLIC WORKS DEPARTMENT AND ENGINEERING DIVISION SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS (503-982-5240).
5. THE CONTRACTOR SHALL AT ALL TIMES ABIDE BY APPLICABLE SAFETY RULES OF OR-OSHA AND IN PARTICULAR THOSE PERTAINING TO ADEQUATE SHORING AND TRENCH PROTECTION.
6. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY, EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE WORK WITH ALL UTILITY COMPANIES AS REQUIRED TO COMPLETE THE PROJECT.
7. ALL DAMAGE(S) CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION.
8. PROPERTY OWNERS/RESIDENTS SHALL HAVE ACCESS TO THEIR PROPERTIES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. CONTRACTOR TO MAKE ALLOWANCES FOR ANY LOCAL DELIVERIES AND/OR GARBAGE PICK-UP. PROVIDE WRITTEN NOTICE TO ALL PROPERTY OWNERS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF WORK IN AND OR CROSSING DRIVEWAYS.
9. CONTRACTOR MAY PROCURE WATER FROM A CITY FIRE HYDRANT ONLY AFTER APPROVAL OF THE ENGINEER AND INSTALLATION OF BACKFLOW PREVENTOR BY CITY DRINKING WATER SECTION CREW.
10. ONLY CITY STAFF CAN OPERATE LIVE WATER VALVES AND FIRE HYDRANTS. NOTIFY THE CITY OF WOODBURN PRIOR TO THE NEED FOR THE OPERATION OF LIVE WATER LINES.
11. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES, FENCES, LANDSCAPING, AND ETC. AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING OR BETTER CONDITION WHEN WORK IS COMPLETED. MAILBOXES SHALL BE TEMPORARILY RELOCATED. MEANS, METHODS AND LOCATIONS AS APPROVED BY THE ENGINEER.
12. THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED AND RECORDED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

**EROSION AND SEDIMENT CONTROL (ESC) NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
2. THE IMPLEMENTATION OF THESE ESC PLANS AND CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE LOCAL JURISDICTION, AND VEGETATION/LANDSCAPING IS ESTABLISHED.
3. THE ESC FACILITIES DESCRIBED ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
4. THE ESC FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.
5. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
6. AT NO TIME SHALL SEDIMENT BE ALLOWED TO ACCUMULATE MORE THEN 1/3 THE BARRIER HEIGHT. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
7. STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.
8. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
9. SEEDING SHALL BE PERFORMED NO LATER THAN SEPTEMBER 1 FOR EACH PHASE OF CONSTRUCTION.
10. IF THERE ARE EXPOSED SOILS OR SOILS NOT FULLY ESTABLISHED FROM OCTOBER 1ST THROUGH APRIL 30TH, THE WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT.
11. THE DEVELOPER SHALL REMOVE ESC MEASURES WHEN VEGETATION IS FULLY ESTABLISHED.
12. ANY SOIL OR DEBRIS TRANSPORTED ONTO ROADWAYS AND SIDEWALKS SHALL BE REMOVED. DEPOSITS SHALL BE COMPLETELY REMOVED BY SHOVELING AND/OR SWEEPING. WASHING SHALL NOT BE UTILIZED UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CITY OF WOODBURN.
13. IF BMPS (BEST MANAGEMENT PRACTICES) SHOWN ARE UTILIZED BUT ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHTS-OF-WAY; ADDITIONAL BMPS SHALL BE IMPLEMENTED IMMEDIATELY TO PREVENT FURTHER ENCROACHMENT OF SEDIMENT.

14. STABILIZED AREAS SHALL BE PROVIDED FOR EMPLOYEE PARKING AND STORAGE OF CONSTRUCTION MATERIALS. ERODABLE STOCKPILES OF EARTHEN MATERIALS, SUCH AS TOPSOIL, SILTY AND CLAYEY SOILS; AND LANDSCAPE MATERIALS SHALL BE COVERED WHEN NOT BEING INCORPORATED IN THE WORK. EROSION CONTROL BMPs SHALL BE UTILIZED AS NECESSARY TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING OR SEDIMENT BEING TRANSPORTED FROM THESE AREAS FROM VEHICLE ACTIVITY.
15. ALL TRUCKS LEAVING THE SITE WITH EXCAVATION SPOILS MUST BE INSPECTED FOR WATER SEEPAGE. IF SATURATED SOILS ARE A PROBLEM, WATERTIGHT TRUCKS MUST BE USED OR LOADS SHALL BE DRAINED, ON-SITE, SO THAT WATER SEEPING FROM THE SOIL CANNOT DRAIN FROM THE VEHICLE.
16. CONSTRUCTION SHALL NOT BE CONSIDERED COMPLETE AND ACCEPTABLE UNTIL ALL DISTURBED SOIL SURFACES HAVE BEEN PROTECTED FROM EROSION AND WITH PERMANENT LANDSCAPING, COVERING WITH IMPERVIOUS SURFACES, RESTORED TO ORIGINAL UNDISTURBED CONDITION OR PERMANENTLY STABILIZED.
17. VEGETATED STABILIZATION AND LANDSCAPING SHALL BE FERTILIZED, WATERED AND MAINTAINED TO INSURE THAT GROWTH OF VEGETATION IS ESTABLISHED AND SUSTAINED.
18. PLACE GRASS SEED OVER BARREN SOIL; 80/20 BLEND OF DWARF PERENNIAL RYE AND CREEPING RED FESCUE, MIN. 100#/ACRE. APPLY 20-10-10 FERTILIZER IN ACCORDANCE WITH SUPPLIER'S RECOMMENDATIONS.

**GRADING AND PAVING NOTES:**

1. IMMEDIATELY FOLLOWING FINE GRADING OPERATIONS, COMPACT AND PROOF ROLL SUBGRADE AREAS TO ACHIEVE AT LEAST 95% OF MAXIMUM DENSITY FOR A 9" DEPTH PER AASHTO T-99. EMBANKMENTS OR FILLS ARE TO BE CONSTRUCTED IN 6" MAXIMUM LIFTS, WITH EACH LIFT BEING COMPACTED TO 95% MAXIMUM OF DENSITY PRIOR TO PROCEEDING WITH THE NEXT LIFT. AREAS RECEIVING STRUCTURAL FILL ARE TO BE TESTED BY A QUALIFIED TESTING LAB.
2. AGGREGATE BASE ROCK SHALL BE 3/4"-0 CRUSHED ROCK. AGGREGATE BASE IS TO BE COMPACTED IN 6" MAXIMUM LIFTS TO 95% OF MAXIMUM DRY DENSITY PER AASHTO T-99.
3. THE LIFTS OF ASPHALT CONCRETE PAVEMENT ARE TO BE CLASS AS CALLED OUT ON PLANS A.C. PER ODOT SPECIFICATIONS. CONTRACTOR IS TO PROVIDE THE OWNER WITH A PAVING MIX CERTIFICATE OF COMPLIANCE FROM THE ASPHALT PAVEMENT PLANT. PAVE ONLY DURING DRY WEATHER AND WHEN THE SURFACE TEMPERATURE IS 40 DEGREES OR WARMER.
4. COMPACT ALL ASPHALT CONCRETE PAVEMENT TO A MINIMUM 91 PERCENT PER OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION SECTION 00744.
5. AGENCY'S RIGHT TO PERFORM QA TESTING ON SUBGRADE, BASE ROCK OR AC AS THE CITY DETERMINES IS IN THEIR BEST INTEREST. THE CITY MAY OR MAY NOT PERFORM QA TESTING.
6. THE CONTRACTOR IS REQUIRED TO PERFORM QC TESTING AT THE CONTRACTOR'S EXPENSE PER ODOT'S REQUIREMENTS.
7. ALL MATERIALS, INSTALLATION, TEST, AND INSPECTIONS ARE TO BE IN STRICT ACCORDANCE WITH THE AGENCY STANDARDS.
8. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING PAVEMENT AND NEW PAVEMENT. APPLY PRIME COAT AT JOINT SURFACES AND SAND SEAL ALL NEW PAVEMENT JOINTS.

**WET WEATHER MEASURES:**

1. THE MEASURES FOR WET WEATHER CONDITIONS ARE ONE OF THE FOLLOWING OR COMBINATION TO PREVENT SOIL EROSION: ESTABLISHED GRASS, 2" MIN. STRAW MULCH COVER, EROSION CONTROL BLANKETS WITH ANCHORS, 6-MIL PLASTIC SHEET COVER OR SEDIMENT TRAP OR POND.
2. AS THE WET WEATHER APPROACHES MORE EROSION CONTROL MEASURES (AS REQUIRED BY CONSTRUCTION INSPECTOR) MAY BE NECESSARY TO REDUCE EROSION.



**CALL BEFORE YOU DIG!**  
1-800-332-2344

**ATTENTION:**

OREGON LAW REQUIRES CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 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)

<p>THIS BAR IS ONE-INCH ON ORIGINAL DRAWING.</p>	<p>DESIGNED: <u>GK</u></p> <p>DRAWN: <u>GK</u></p> <p>REVIEWED: <u>CB</u></p> <p>APPROVED: <u>CB</u></p> <p>HORIZONTAL DATUM: <u>LOCAL</u></p> <p>VERTICAL DATUM: <u>LOCAL</u></p>		<p>REVISIONS:</p> <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>									<p>HARVARD DRIVE RAISED PEDESTRAIN CROSSING</p> <p><b>CONSTRUCTION NOTES</b></p>	<p>PROJECT NO. 2023-011-11</p>
<p>DATE AUGUST 2023</p>													
<p>SHEET NO. 2</p>													

### SYMBOLS

DESCRIPTION	SYMBOL
GAS METER	
SANITARY MANHOLE	
STORM MANHOLE	
EXST. MANHOLE	
CATCHBASIN	
WATER METER	
SERVICE UTILITY LINE CAPPED OFF	
STREET/ARE LIGHT	
POWER POLE W/ LIGHT	
POWER POLE	
TREE	
SPOT ELEVATION	X 183.5
CITY CONTROL MONUMENT	
LOCAL CONTROL POINT	
SIGN POST	
INLINE WATER VALVE	
FIRE HYDRANT	
CORE LOCATION AND EXST. PVMT. THICKNESS	
PLAN SHEET BUBBLE CALLOUT	

### ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACP	ASPHALTIC CONCRETE PAVEMENT
ACPR	ASPHALT CONCRETE PAVEMENT REPAIR
ADA	AMERICANS WITH DISABILITIES ACT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AWWA	AMERICAN WATER WORKS ASSOCIATION
CB	CATCH BASIN
CI	CAST IRON
CNTR	CENTER
CL	CENTERLINE
CONC	CONCRETE
CSFP	CRACK SEALING FLEXIBLE PAVEMENTS
DET	DETAIL
DIA	DIAMETER
DI	DUCTILE IRON
DIM	DIMENSION
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EXST	EXISTING
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCE MAIN
GALV	GALVANIZED
GND	GROUND
HMAC	HOT MIX ASPHALT CONCRETE
HORZ	HORIZONTAL
IE	INVERT ELEVATION
MAMD	MOVING AVERAGE MAXIMUM DENSITY
MAX	MAXIMUM
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MHMAC	MINOR HOT MIXED ASPHALT CONCRETE PAVEMENT
MISC	MISCELLANEOUS
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, FHWA, U.S. DEPARTMENT OF TRANSPORTATION.
NO.	NUMBER
NTS	NOT TO SCALE
O.C.	ON CENTER
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
PL	PROPERTY LINE
PSI	POUNDS PER SQUARE INCH
PVMT	PAVEMENT
RAD	RADIUS
REQD	REQUIRED
R/W	RIGHT-OF-WAY
S	SLOPE
SCHED	SCHEDULE
SD	STORM SEWER
SH	SHEET
SPECS	SPECIFICATIONS
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
TCP	TRAFFIC CONTROL PLAN
TYP	TYPICAL
VERT	VERTICAL
WTR	WATER

### LINETYPE LEGEND

FOOT CONTOUR ELEVATION		182
ELECTRICAL LINE		ELEC
FENCE LINE		X
FORCE MAIN PIPE		FM
GAS LINE		GAS
IRRIGATION LINE		IRR
SANITARY SEWER PIPE		SS
STORM SEWER PIPE		SD
TELEPHONE LINE		TELE
WATER LINE		W
PROPERTY LINE		PL
RIGHT-OF-WAY LINE		R/W
RAILROAD TRACKS		
STREAMS, CREEKS, WATERWAYS		

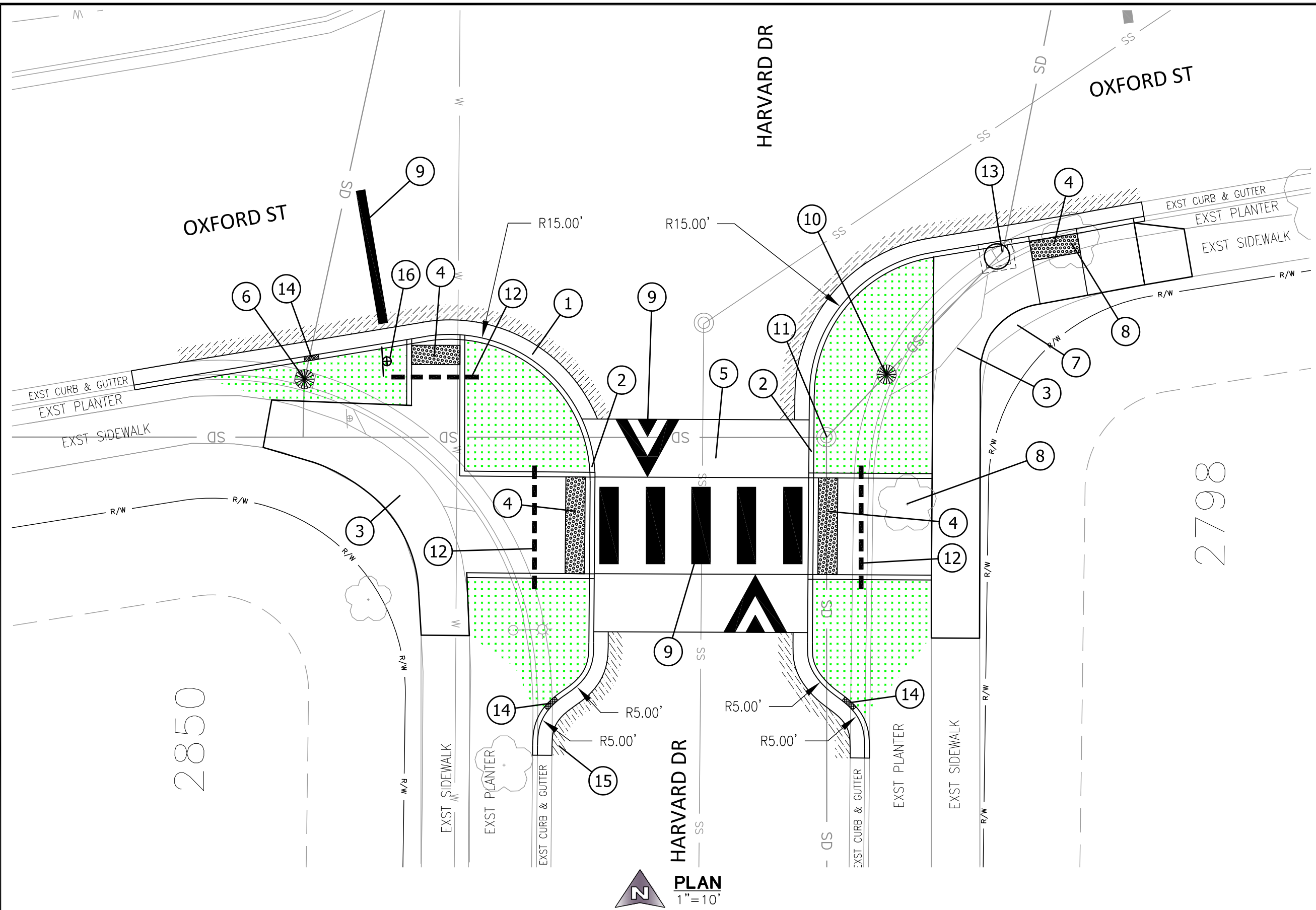
### HATCHING LEGEND

CONSTRUCT "ROW" SWALE, SEE DETAIL 2 ON SHEET 5.	
2' ASPHALT REPLACEMENT	

### NOTE:

ALL SYMBOLS AND LEGENDS SHOWN WITH COLOR SCREENED BACK ON DRAWINGS ARE CONSIDERED EXISTING FEATURES.

<p>THIS BAR IS ONE-INCH ON ORIGINAL DRAWING.</p>	<p>DESIGNED: <u>GK</u></p> <p>DRAWN: <u>GK</u></p> <p>REVIEWED: <u>CB</u></p> <p>APPROVED: <u>CB</u></p> <p>HORIZONTAL DATUM: <u>LOCAL</u></p> <p>VERTICAL DATUM: <u>LOCAL</u></p>	<p><b>WOODBURN</b> Incorporated 1889 PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION</p>	<p>REVISIONS:</p> <table border="1"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>													<p>HARVARD DRIVE RAISED PEDESTRAIN CROSSING</p> <p><b>LEGENDS AND SYMBOLS</b></p>	<p>PROJECT NO. 2023-011-11</p>
	<p>DATE AUGUST 2023</p>																
	<p>SHEET NO. 3</p>																



- PLAN NOTES:**
1. CONSTRUCT TYPE 'A' CURB AND GUTTER. SEE CITY OF WOODBURN STANDARD DETAIL 4100-1. TYPICAL.
  2. CONSTRUCT TYPE 'C' CURB. SEE CITY OF WOODBURN STANDARD DETAIL 4100-2. TYPICAL.
  3. DEMO EXISTING AND CONSTRUCT 5FT WIDE CONCRETE SIDEWALKS OR AS SPECIFIED ON PLANS, MATCH TO EXISTING. SEE CITY OF WOODBURN STANDARD DETAIL 4150-8.
  4. CONSTRUCT NEW ADA RAMP WITH TRUNCATED DOME DETECTABLE WARNING SURFACE. \*NOTE: RAMP RUN AND LANDINGS TO BE 8" THICK CONCRETE SECTION. SEE OREGON STANDARD DRAWINGS RD900 SERIES.
  5. CONSTRUCT RAISED PEDESTRIAN CROSSING. SEE DETAIL 1 ON SHEET 5.
  6. DEMO EXISTING INLET TOP AND INSTALL BEEHIVE FRAME AND GRATE. RIM ELEVATION TO BE VERIFIED IN FIELD. SEE CLEAN WATER SERVICES STANDARD DRAWING NO. 405. SEE DETAIL ON SHEET 6.
  7. SAWCUT AND REMOVE EXISTING CONCRETE AND RESTORE TO MATCH ADJACENT LANDSCAPE. TYPICAL.
  8. DEMO/REMOVE TREE AND STUMP/ROOTS.
  9. INSTALL THERMOPLASTIC PAVEMENT MARKINGS. COORDINATE LOCATION IN FIELD. TYPICAL.
  10. INSTALL BEEHIVE INLET AND GRATE AND CONNECT TO EXISTING STORM SEWER. RIM ELEVATION TO BE VERIFIED IN FIELD. SEE CLEAN WATER SERVICES STANDARD DRAWING NO. 405. SEE DETAIL ON SHEET 6.
  11. ADJUST MANHOLE RIM TO FINISH CONCRETE GRADE.
  12. INSTALL 6-INCH 3034 PVC STORM PIPE, 1 TO 2-INCHES BELOW BOTTOM OF CONCRETE ELEVATION. WRAP ENDS WITH FABRIC.
  13. DEMO EXISTING STORM INLET STRUCTURE, CONSTRUCT NEW CONCRETE INLET BASE AND TOP, TYPE CG-3. RE-CONNECT EXISTING PIPE CONNECTIONS. SEE OREGON STANDARD DRAWINGS RD371 AND RD372.
  14. CONSTRUCT CURB CUT/OPENING FOR STORM WATER INFLOW. SEE DETAIL ON SHEET 5. TYPICAL.
  15. SAWCUT AC MAX 2FT FROM PROPOSED CURB AND REPLACE WITH HMAC. 5-INCH MIN OR MAX EXISTING. TYPICAL.
  16. INSTALL NEW SIGN AND POLE PER MUTCD: COORDINATE LOCATION IN FIELD.
    - (1) STOP SIGN R1-1 (30"x30")
    - (2) SPEED HUMP W17-1 (30"x30")
    - (2) 25MPH W13-1P (18"x18")

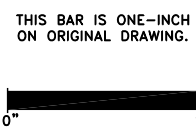
- GENERAL NOTES:**
1. PROTECT AND ADJUST ALL VALVE BOXES, MANHOLES AND MONUMENT BOXES TO GRADE AND AS DIRECTED BY THE CITY INSPECTOR, TYPICAL.
  2. PROVIDE WORK ZONE TRAFFIC CONTROL IN ACCORDANCE WITH SECTION 00220 AND 00225 AND AS AMENDED BY SPECIAL PROVISIONS.

**BID SET**

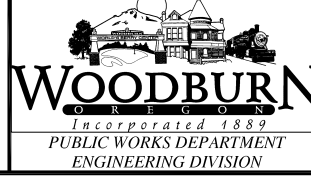
PROJECT NO. 2023-011-11
DATE AUGUST 2023
SHEET NO. 4

HARVARD DRIVE  
RAISED PEDESTRIAN CROSSING  
**PLAN SHEET**

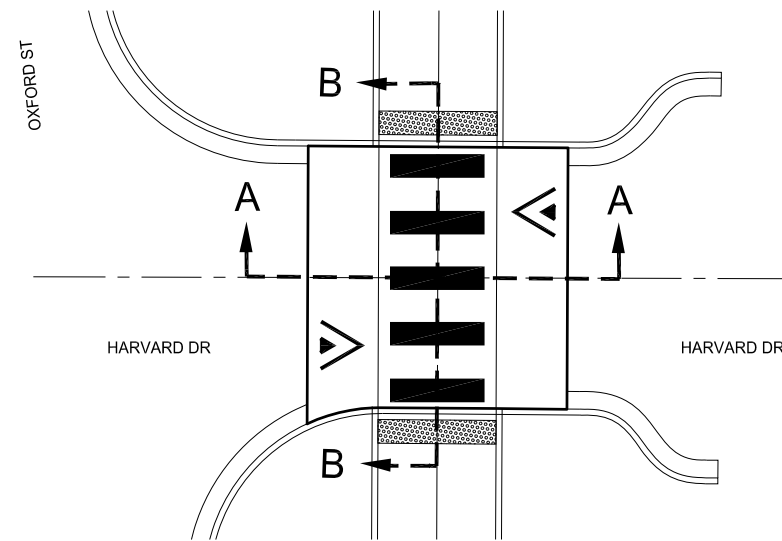
**PLAN**  
1"=10'



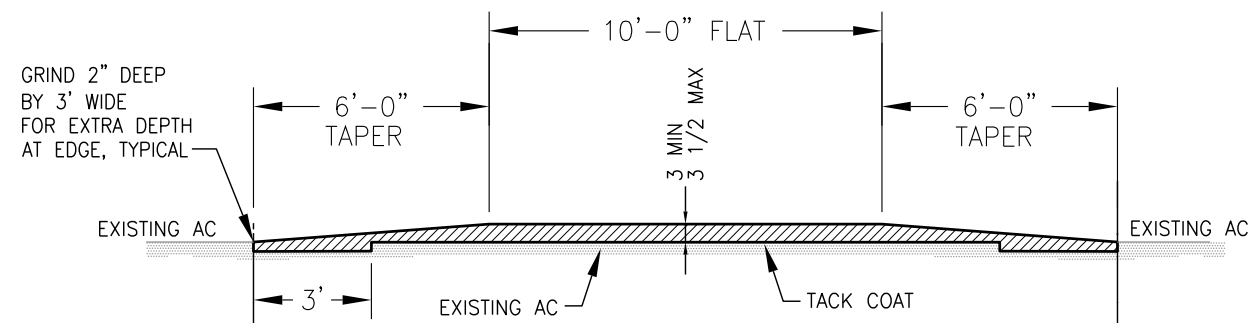
DESIGNED: GK  
 DRAWN: GK  
 REVIEWED: CB  
 APPROVED: CB  
 HORIZONTAL DATUM: LOCAL  
 VERTICAL DATUM: LOCAL



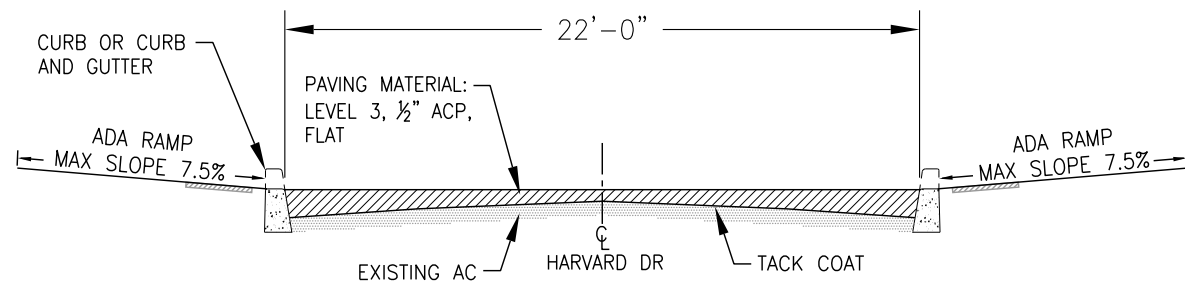
REVISIONS:

**PLAN VIEW**  
SCALE: NTS

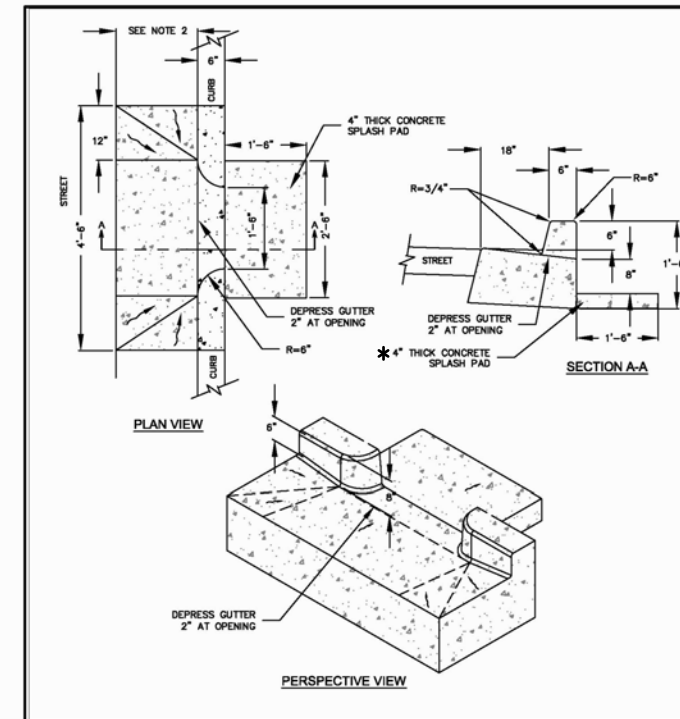


**SECTION A-A**



**SECTION B-B**

**RAISED PEDESTRIAN CROSSING DETAIL**  
SCALE: NTS

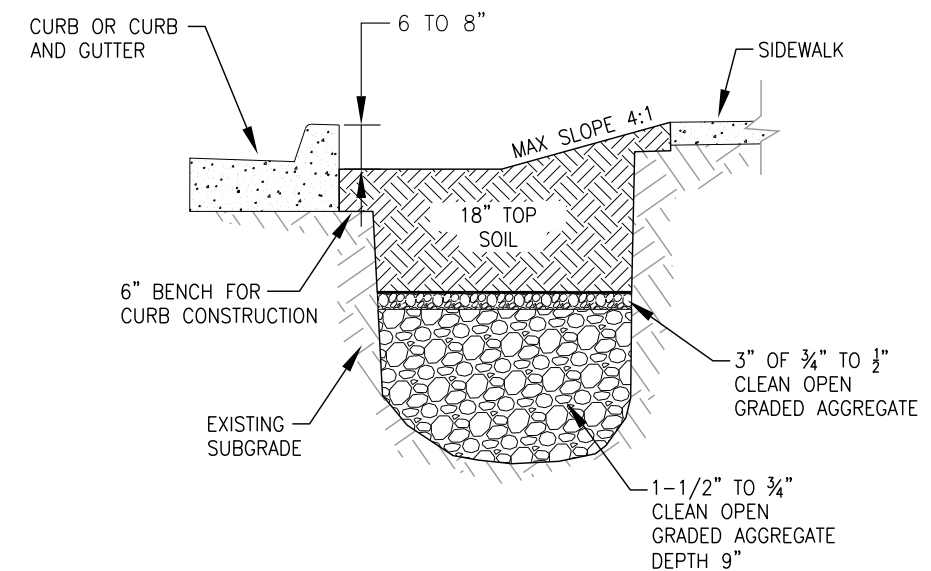


**NOTES:**

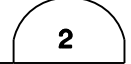
- FOR USE WITH PLANTERS, IF PLANTER INLET IS ADJACENT TO PLANTER WALL, THEN INCLUDE WALL IN DETAIL.
- USE TYPE B CURB AND GUTTER IN STANDARD PLAN 303A. MATCH GUTTER PAN OF ADJACENT CURB AND GUTTER.
- METAL INLET ASSEMBLY REQUIRED ON ARTERIAL AND COLLECTOR STREETS. SEE STANDARD PLAN 236.
- PLACE 4"-6" ROUND RIVER ROCK ALONG END OF CONCRETE WHERE IT MEETS GROWING MEDIUM. RIVER ROCK SHALL EXTEND 2'-1" ABOVE EDGE OF CONCRETE.

<b>CITY OF SALEM</b>			
<b>DEPARTMENT OF PUBLIC WORKS</b>			
STANDARD PLAN			
<b>CONCRETE INLET TYPE B</b>			
APPROVED	11/01/14	DRAWN BY	KAK 12/2013
<i>James B. Spout</i>	DATE	CHECKED BY	KR 12/2013
		<b>NO. 235</b>	

**\*NOTE:**  
CONCRETE SPLASH PAD NOT TO BE CONSTRUCTED.

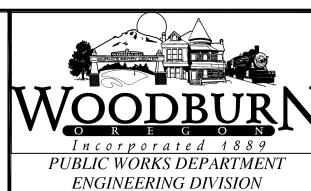


**RIGHT-OF-WAY 'ROW' SWALE - SECTION VIEW**  
SCALE: NTS



**BID SET**

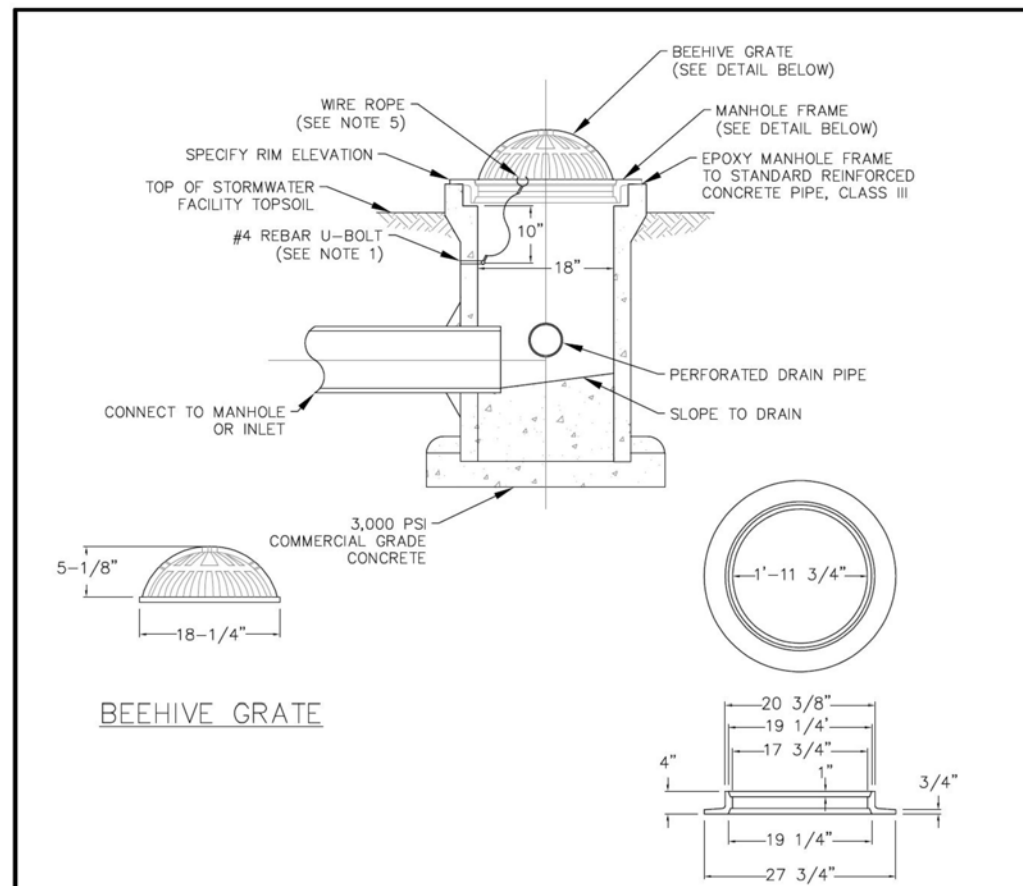
<p>THIS BAR IS ONE-INCH ON ORIGINAL DRAWING.</p>	DESIGNED: <u>GK</u>
	DRAWN: <u>GK</u>
	REVIEWED: <u>CB</u>
	APPROVED: <u>CB</u>
	HORIZONTAL DATUM: <u>LOCAL</u>
	VERTICAL DATUM: <u>LOCAL</u>



REVISIONS:		

HARVARD DRIVE  
RAISED PEDESTRIAN CROSSING  
**DETAILS**

PROJECT NO. 2023-011-11
DATE AUGUST 2023
SHEET NO. <b>5</b>



BEEHIVE GRATE

18"x4" REVERSIBLE MANHOLE FRAME

NOTES

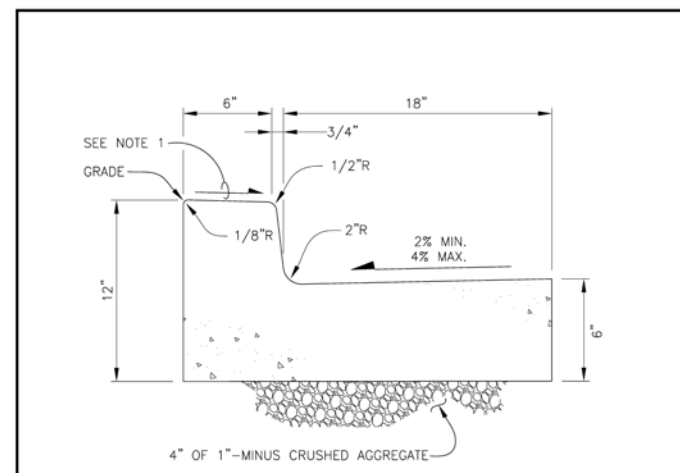
1. SECURE GRATE IN PLACE WITH 5/8" OF WIRE ROPE. LOOP ENDS OF WIRE ROPE AROUND U-BOLT AND GRATE. CRIMP EACH END OF WIRE ROPE WITH 3" OVERLAP.
2. DRILL 2" DEEP HOLES INTO PIPE AND EPOXY #4 REBAR U-BOLT (2"x 4") IN HOLES.
3. GRATE TO BE CAST IRON, ASTM A48 CL30.
4. SIZE INLET BASED ON CALCULATED FLOWS AND MANUFACTURERS RECOMMENDATIONS.
5. WIRE ROPE BETWEEN 1/8"-3/16" DIAMETER, STAINLESS STEEL, 7 STRANDS OF 19 WIRES.

BEEHIVE INLET



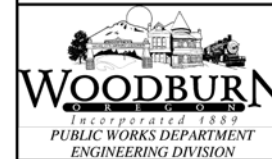
DRAWING NO. 405

REVISED 10-31-19



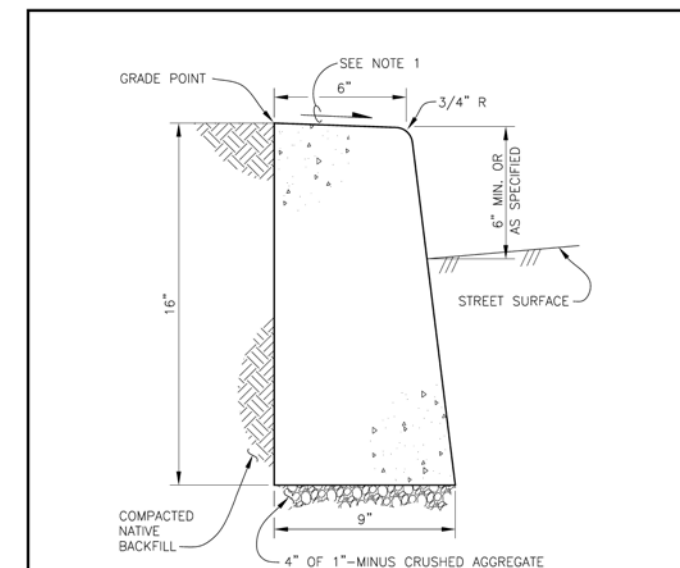
NOTES:

1. SLOPE CURB 0.02 FT/FT TO CURB FACE.
2. MATERIAL - 3500 PSI CONCRETE AT 28 DAYS.
3. REFERENCE TECHNICAL SPEC. SECTIONS 2000, 2300 AND 4100.
4. PLACE CONTRACTION JOINTS AT 15' MAX. INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH CURB.



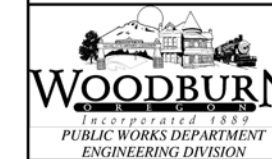
TYPE 'A' CURB AND GUTTER

REV: DEC. 2007  
SCALE: NTS  
DET No. 4100-1



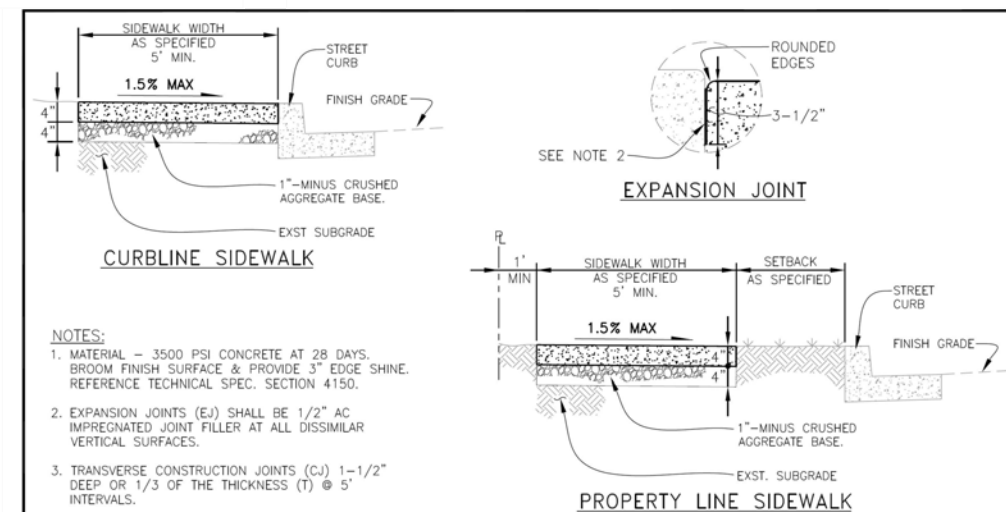
NOTES:

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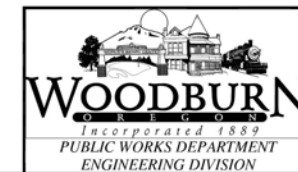
TYPE 'C' CURB

REV: DEC. 2007  
SCALE: NTS  
DET No. 4100-2



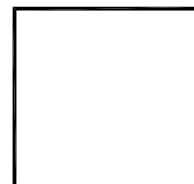
NOTES:

1. MATERIAL - 3500 PSI CONCRETE AT 28 DAYS. BROOM FINISH SURFACE & PROVIDE 3" EDGE SHINE. REFERENCE TECHNICAL SPEC. SECTION 4150.
2. EXPANSION JOINTS (EJ) SHALL BE 1/2" AC IMPREGNATED JOINT FILLER AT ALL DISSIMILAR VERTICAL SURFACES.
3. TRANSVERSE CONSTRUCTION JOINTS (CJ) 1-1/2" DEEP OR 1/3 OF THE THICKNESS (T) @ 5' INTERVALS.
4. FOR SIDEWALK AT DRIVEWAYS SEE DETAILS 4150-3 AND 4150-4.



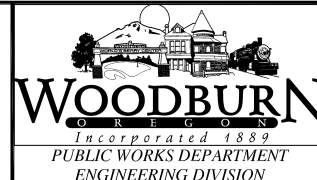
SIDEWALKS

REV: JULY 2018  
SCALE: NTS  
DET No. 4150-8



THIS BAR IS ONE-INCH ON ORIGINAL DRAWING.

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DRAWN: GK  
REVIEWED: CB  
APPROVED: CB  
HORIZONTAL DATUM: LOCAL  
VERTICAL DATUM: LOCAL



REVISIONS:		

HARVARD DRIVE  
RAISED PEDESTRAIN CROSSING  
DETAILS

PROJECT NO.  
2023-011-11

DATE  
AUGUST 2023

SHEET NO.

6

