



OREGON

"Delivering Excellence Everyday"

MARION COUNTY BOARD OF COMMISSIONERS

Wednesday, July 22, 2026
Board Session 9:00 a.m.

Senator Hearing Room
555 Court Street NE, Salem

PUBLIC COMMENT

CONSENT

ASSESSOR'S OFFICE

1. Approve the Contract for Services with Helion Software, Inc. in the amount of \$1,106,142 to provide ongoing support and maintenance of the Oregon Counties Assessment and Taxation System (ORCATS) retroactive to July 1, 2025, through June 30, 2029.

CLERK'S OFFICE

2. Approve Amendment #1 to the Contract for Services with Sendit Direct Mail and Fulfillment to add \$50,000 for a new not-to-exceed contract total of \$140,000 to continue to provide Marion County with addressing, inserting, sorting, storage, and the mailing of election-related materials through December 31, 2026.

PUBLIC WORKS

3. Approve Amendment #5 to the incoming funds Assistance Agreement with the Federal Highway Administration (FHWA), Western Federal Lands Division to add \$1,993,932.72 of which an estimated \$1,789,155.83 will utilize federal funding and an estimated \$204,776.89 will utilize county funding, for a new agreement total of \$8,301,879.72 to support engineering, inspection, and construction activities for the North Fork Road Slide Stabilization project through December 31, 2026.

4. Approve the Construction Contract with Oregon State Bridge Construction, Inc., in the amount of \$1,850,387.00, of which an estimated \$1,660,352.26 will utilize state funding and an estimated \$190,034.74 will utilize county funding, for the French Prairie Road: West Fork Champoege Creek Bridge Replacement Project through May 1, 2028.

5. Approve Amendment #1 to the Construction Contract with Summit Solutions Group, LLC, to extend the term date to September 30, 2026, and add \$68,425.94 for three change orders with a new contract total of \$310,895.94 to provide construction site improvements at up to six existing radio communication sites for the Marion County Radio Project that will be utilized by first responders.

ACTION

None.

PUBLIC HEARINGS **Starting no earlier than 9:00 a.m.**

PUBLIC WORKS

A. Public hearing to consider an appeal of the hearings officer's decision denying Administrative Review Case #25-026 / Denise Burnham. –Austin Barnes

Members of the public may submit written testimony by email to PublicHearings@co.marion.or.us For agenda items where in-person testimony is allowed, the public may sign up to provide testimony by telephone by emailing PublicHearings@co.marion.or.us at least 24 hours before the meeting. The email must specify the meeting date/time and agenda topic for which testimony is being submitted. For telephone testimony requests, the email must also include your name and the phone number that staff should use to call you at the appropriate time.

If you require interpreter assistance, an assistive listening device, large print material or other accommodations, call 503-588-5212 at least 48 hours in advance of the meeting. TTY 503-588-5168 Si necesita servicios de interprete, equipo auditivo, material copiado en letra grande, o cualquier otra acomodacion, por favor llame al 503-588-5212 por lo menos 48 horas con anticipacion a la reunion. TTY 503-588-5168 Marion County is on the Internet at: www.co.marion.or.us

Contract Review Sheet

Software as a Service

AO-6790-25Title: **Oregon Counties Assessment & Taxation System (ORCATS) Software - Ongoing Support**Contractor's Name: **Helion Software, Inc**Department: **Assessor's Office**Contact: **Chalyce MacDonald**Analyst: **Chalyce MacDonald**Phone #: **(503) 584-4764**Term - Date From: **July 1, 2025**Expires: **June 30, 2029**Original Contract Amount: **\$ 1,106,142.00**Previous Amendments Amount: **\$ -**Current Amendment: **\$ -**New Contract Total: **\$ 1,106,142.00** Amd% **0%**Outgoing Funds ☐ Federal Funds ☐ Reinstatement ☒ Retroactive ☐ Amendment greater than 25%Source Selection Method: **20-0275 Sole Source**CMS# **AO1738-26**

Description of Services or Grant Award

Contract with Helion Software, Inc. for ongoing support and maintenance of the Oregon Counties Assessment & Taxation System (ORCATS).

Procured via Sole Source to extend support for the ORCATS system implemented from 2019-present. Previous contract (AO-2908-19) was extended through 3/31/26 to complete conversion but did not include payment for support in FY25-26.

Desired BOC Session Date: **7/22/2026**Contract should be in DocuSign by: **7/1/2026**Agenda Planning Date: **7/9/2026**Printed packets due in Finance: **7/7/2026**Management Update: **7/7/2026**BOC upload / Board Session email: **7/8/2026**BOC Session Presenter(s) **Tom Rohlfig**Code: **Y**

REQUIRED APPROVALS

**06/29/2026**

Finance - Contracts

Date

Contract Specialist

Date

**07/06/2026**

Legal Counsel

Date



Jan Fritz (Jul 7, 2026 13:15:10 PDT)

07/07/2026

Chief Administrative Officer

Date



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: July 22, 2026

Department: Clerk's Office

Title: Sendit Direct Mail & Fulfillment - Amendment 1

Management Update/Work Session Date: 7/14/26 Audio/Visual aids ☐

Time Required: 10 minutes Contact: Bill Burgess Phone: 503-588-3579

Requested Action:

The Department is seeking approval of Amendment 1 to add funds in the amount of \$50,000.00 through December 31, 2026, the original contract term.

Issue, Description & Background:

Contractor provides Marion County with addressing, inserting, sorting, storage, and mailing of election-related materials.

Amendment 1 adds funds in the amount of \$50,000.00 for a total contract amount of \$140,000.00.

Financial Impacts:

\$140,000.00 total amount of contract.

Impacts to Department & External Agencies:

Little to no direct effect on departments.

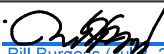
List of attachments:

Contract Review Sheet, Board form, Amendment 1, Original Contract

Presenter:

Bill Burgess

Department Head Signature:


Bill Burgess (Jul 6, 2026 09:52:27 PDT)

Contract Review Sheet

Contract for Services

CO-5859-24 - Am1

Title: Election Mailings

Contractor's Name: Sendit Direct Mail & Fulfillment

Department: Clerk's Office

Contact: Sandra Fixsen

Analyst: Sandra Fixsen

Phone #: (503) 373-4479

Term - Date From: January 1, 2024

Expires: December 31, 2026

Original Contract Amount: \$ 90,000.00

Previous Amendments Amount: \$ -

Current Amendment: \$ 50,000.00

New Contract Total: \$ 140,000.00 Amd% 56%

Outgoing Funds ☐ Federal Funds ☐ Reinstatement ☐ Retroactive ☒ Amendment greater than 25%

Source Selection Method: 50-0090 Election Supplies and Services

Description of Services or Grant Award

Contractor to provide addressing, inserting, sorting, storage, and mailing elections related materials.

Amendment 1 adds funds in the amount of \$50,000.00 for a total contract amount of \$140,000.00.

Desired BOC Session Date: 7/22/2026

Contract should be in DocuSign by: 7/1/2026

Agenda Planning Date: 7/9/2026

Printed packets due in Finance: 7/7/2026

Management Update: 7/14/2026

BOC upload / Board Session email: 7/8/2026

BOC Session Presenter(s) Bill Burgess

Code: Y

REQUIRED APPROVALS



07/08/2026

Finance - Contracts

Date



07/08/2026

Contract Specialist

Date



07/08/2026

Legal Counsel

Date


Jan Fritz (Jul 8, 2026 15:01:54 PDT)

07/08/2026

Chief Administrative Officer

Date



**AMENDMENT 1 to CO-5859-24
the CONTRACT FOR SERVICES
between**

MARION COUNTY and SENDIT DIRECT MAIL & FULFILLMENT

This is Amendment 1 to the Contract for Services (as amended from time to time, the “Contract”), dated January 01, 2024 between Marion County, a political subdivision of the State of Oregon, hereinafter called County, and Sendit Direct Mail & Fulfillment, hereafter called Contractor.

The Contract is hereby amended as follows (new language is indicated by underlining and deleted language is indicated by ~~striketrough~~):

2. CONSIDERATION

- A. The maximum, not-to-exceed compensation payable to Contractor under this Contract, which includes any allowable expenses, is \$140,000.00~~\$90,000.00~~.

**EXHIBIT A
STATEMENT OF WORK**

2. COMPENSATION

The total amount available for payment to Contractor under Exhibit A, section 2.A and for authorized reimbursement to Contractor under Exhibit A, section 2.C is \$140,000.00~~\$90,000.00~~.

Except as expressly amended above, all other terms and conditions of the original Contract and any previously executed amendments are still in full force and effect. Contractor certifies that the representations, warranties and certifications contained in the original Contract are true and correct as of the effective date of this Amendment and with the same effect as though made at the time of this Amendment.

**MARION COUNTY SIGNATURES
BOARD OF COMMISSIONERS:**

Chair	Date
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Commissioner	Date
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Commissioner	Date
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Authorized Signature:  Bill Burgess (Jul 6, 2026 09:52:27 PDT)	07/08/2026
Department Director or designee	Date

Authorized Signature:  Jan Fritz (Jul 8, 2026 15:01:54 PDT)	07/08/2026
Chief Administrative Officer	Date

Reviewed by Signature: 	07/08/2026
Marion County Legal Counsel	Date

Reviewed by Signature: 	07/08/2026
Marion County Contracts & Procurement	Date

SENDIT DIRECT MAIL & FULFILLMENT SIGNATURE

Authorized Signature: _____	
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Title: _____	Date
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MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: 7/22/2026

Department: Public Works

Title: North Fork Slide Stabilization WFLHD 6905671950012 Amendment 5

Management Update/Work Session Date: 6/16/2026 Audio/Visual aids ☐

Time Required: 5 min Contact: Jill Ogden Phone: 503-365-3152

Requested Action:

Approve Amendment No. 5 to Contract PW-2840-19 (Federal Funding Agreement 6905671950012) with Western Federal Lands, Highway Division (WFLHD), increasing the awarded grant funding \$1,993,932.72, from \$6,307,947 to \$8,301,879.72, for the North Fork Road Landslide Repair Project.

**Issue, Description
& Background:**

In 2015, Public Works applied for a Federal Lands Access Program (FLAP) grant through the Western Federal Lands Highway Division (WFLHD) to repair landslides on North Fork Road. The project purpose is to mitigate the movement of landslide #2 and reconstruct that portion of North Fork Road, near milepost 5. Construction of the project is underway. Amendment 5 serves as an additional increase in construction engineering, inspection, and construction funding.

Financial Impacts:

This amendment includes a \$1,993,932.72 increase in funding, including \$1,789,155.83 in Federal Funds and \$204,776.89 in County Match for a total project cost of \$8,301,879.72. The required match is budgeted by Public Works.

**Impacts to Department
& External Agencies:**

There are no impacts to other departments or external agencies.

List of attachments:

Contract PW-2840-19 Amendment 5

Presenter:

Ryan Crowther

**Department Head
Signature:**

Brian Nicholas

Digitally signed by Brian Nicholas
Date: 2026.06.05 10:07:10 -07'00'

Contract Review Sheet

Grant Agreement

PW-2840-19 - Am5Title: WFLHD grant OR Marion 960(1) North Fork Road Slide StabilizationContractor's Name: Western Federal Lands Highway DivisionDepartment: Public Works DepartmentContact: Traci ClarkeAnalyst: Kathleen GeorgePhone #: 503-365-3100Term - Date From: ExecutionExpires: December 31, 2026Original Contract Amount: \$ 5,917,947.00Previous Amendments Amount: \$ 390,000.00Current Amendment: \$ 1,993,932.72New Contract Total: \$ 8,301,879.72Amd% 40%**Incoming Funds**

Federal Funds



Reinstatement



Retroactive



Amendment greater than 25%

Source Selection Method: 50-0010 General Exemptions (IGAs and QRFs)

Description of Services or Grant Award

Grant of \$7,322,810 (including County share) for design and construction of repairs to the area of North Fork Road that has and continues to suffer slides.

Amendment 1: Extended the agreement through December 31, 2023 and obligated \$390,000 in FFY 2025 funds now. Construction hasn't started yet as of June 2023 - this agreement needs to be active two years after construction is complete.

Amendment 2: Extends the agreement through December 31, 2025.

Amendment 3: Changes the Agreement Officer's Representative (AOR).

Amendment 4: Changes the AOR and extends the period of performance to an end date of 12/31/2026.

Amendment 5: This amendment increases the contract funding by \$1,993,932.72. The additional funding will support construction engineering, construction inspection, and construction activities associated with the project. Of the total increase, \$1,789,155.83 will be funded with Federal funds, and the County's required matching contribution of \$204,776.89 is included in the approved Engineering budget. As a result of this amendment, the contract amount will increase from \$6,307,947.00 to a revised total not-to-exceed amount of \$8,301,879.72.

Desired BOC Session Date: 7/22/2026Contract should be in DocuSign by: 7/1/2026Agenda Planning Date: 7/9/2026Printed packets due in Finance: 7/7/2026Management Update: 7/7/2026BOC upload / Board Session email: 7/8/2026BOC Session Presenter(s) Ryan CrowtherCode: Y**REQUIRED APPROVALS** 07/02/2026

Finance - Contracts

Date

 07/02/2026

Contract Specialist

Date

 07/02/2026

Legal Counsel

Date

 07/02/2026

Chief Administrative Officer

Date

ASSISTANCE AGREEMENT

1. Award No. 6905671950012		2. Modification No. 0005		3. Effective Date See Block 27		4. CFDA No. 20.224	
5. Awarded To MARION COUNTY OF Attn: KAY ALEJANDRE 5155 SILVERTON RD NE SALEM OR 973053802 UEI:FUAKHMJE2437			6. Sponsoring Office FEDERAL HIGHWAY ADMINISTRATION FHWA WESTERN FED LANDS DIVISION 610 E FIFTH STREET Vancouver WA 98661			7. Period of Performance 06/25/2019 through 12/31/2026	
8. Type of Agreement ☐ Grant ☒ Cooperative Agreement ☐ Other		9. Authority 23 U.S.C. 204			10. Purchase Request or Funding Document No. HFLWCA260013PR		
11. Remittance Address MARION COUNTY OF Attn: MARION COUNTY TREASURER 555 HIGH ST SALEM OR 973013636			12. Total Amount Govt. Share: \$8,301,879.72 Cost Share : \$0.00 Total : \$8,301,879.72		13. Funds Obligated This action: \$1,993,932.72 Total : \$8,301,879.72		
14. Principal Investigator		15. Program Manager Jamie Lemon Phone: (360) 619-7912			16. Administrator Federal Highway Administration FHWA WESTERN FED LANDS DIVISION 610 E FIFTH STREET Vancouver WA 98661		
17. Submit Payment Requests To FHWA Delphi eInvoicing System https://einvoice.esc.gov			18. Paying Office FHWA Delphi eInvoicing System https://einvoice.esc.gov			19. Submit Reports To	
20. Accounting and Appropriation Data See Schedule							
21. Research Title and/or Description of Project OR MARION 960(1), North Fork Road Slide Stabilization							
For the Recipient				For the United States of America			
22. Signature of Person Authorized to Sign				25. Signature of Grants/Agreements Officer			
23. Name and Title		24. Date Signed		26. Name of Officer ANGY LILJEDAHL		27. Date Signed	

NAME OF OFFEROR OR CONTRACTOR
MARION COUNTY OF

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00004	UEI: FUAKHMJE2437 OR MARION 960(1), NORTH FORK ROAD SLIDE STABILIZATION Amendment 0005 serves to increase funding in the amount of \$1,993,932.72 from \$6,307,947.00 to an amended total of \$8,301,879.72. Add Item 00004 as follows: CA Amendment - Increase in Funding Federal Share: Federal Share Federal Share: Non Federal Share Project Data: 1517414709601.531.CN.V200.41.1741000000.41012.03/1 8/2026 Accounting Info: 15X1G20050.0000.117V200531.1741000000.41012.610066 00.0000000000.0000000000.0000000000.0000000000 Funded: \$1,993,932.72				1,993,932.72

**SIGNATURE PAGE FOR
WESTERN FEDERAL LANDS HIGHWAY DIVISION
COOPERATIVE AGREEMENT NO. 6905671950012
AMENDMENT NO. 5**

**MARION COUNTY SIGNATURES
BOARD OF COMMISSIONERS:**

Chair	Date
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Commissioner	Date
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Commissioner	Date
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Authorized Signature:	<u>Brian Nicholas</u> Brian Nicholas (Jul 2, 2026 13:53:31 PDT)	07/02/2026
	Department Director or designee	Date

Authorized Signature:	<u>Jan Fritz</u> Jan Fritz (Jul 2, 2026 20:45:24 PDT)	07/02/2026
	Chief Administrative Officer	Date

Reviewed by Signature:	<u></u>	07/02/2026
	Marion County Legal Counsel	Date

Reviewed by Signature:	<u></u>	07/02/2026
	Marion County Contracts & Procurement	Date



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: July 15, 2026

Department: Public Works

Title: French Prairie Road: West Fork Champoeg Creek Bridge, Construction Contract

Management Update/Work Session Date: 7/7/2026 Audio/Visual aids ☐

Time Required: 5 minutes Contact: Jill Ogden Phone: x3152

Requested Action:

Approve contract PW-7204-26 with Oregon State Bridge Construction, Inc. in the amount of \$1,850,387.00 for construction of the French Prairie Road: West Fork Champoeg Creek Bridge replacement project.

Issue, Description & Background:

The French Prairie Road: West Fork Champoeg Creek bridge is narrow and in poor condition, it has no approach guardrail and the bridge rail is substandard. In 2021 the County received State fund exchange funding from the Oregon Department of Transportation (ODOT) through the Local Bridge Program to replace this bridge. Construction is anticipated to be completed this fall.

An Invitation to Bid (ITB) on the construction of the project was posted from May 20th through June 6th. Four bids were submitted with Oregon State Bridge Construction, Inc. being the lowest responsible bidder at \$1,850,387.00.

Financial Impacts:

The proposed contract amount is \$1,850,387.00. State fund exchange will provide up to \$1,660,352.26 (89.73% of \$1,850,387.00) of this total with the County road funds providing matching funds of \$190,034.74 (10.27%) plus any funds over the original grant amount needed to complete the project.

Impacts to Department & External Agencies:

None.

List of attachments:

Contract PW-7204-26 with Oregon State Bridge, Inc.

Presenter:

Ryan Crowther

Department Head Signature:

Brian Nicholas Digitally signed by Brian Nicholas
Date: 2026.06.23 09:50:24 -07'00'

Contract Review Sheet

Public Improvement Agreements

PW-7204-26

Title: **French Prairie Rd: West Champoeg Creek Bridge Replacement**

Contractor's Name: **Oregon State Bridge Construction, Inc.**

Department: **Public Works Department**

Contact: **Traci Clarke**

Analyst: **Kathleen George**

Phone #: **503-365-3100**

Term - Date From: **Execution**

Expires: **May 1, 2028**

Original Contract Amount: **\$ 1,850,387.00**

Previous Amendments Amount: **\$ -**

Current Amendment: **\$ -**

New Contract Total: **\$ 1,850,387.00** Amd% **0%**

Outgoing Funds ☐ Federal Funds ☐ Reinstatement ☐ Retroactive ☐ Amendment greater than 25%

Source Selection Method: **40-0200 Invitation to Bid - Public Improvement**

ITB# **PW1804-26**

Description of Services or Grant Award

The French Prairie Road: West Fork Champoeg Creek bridge is narrow and in poor condition, it has no approach guardrail and the bridge rail is substandard. In 2021 the County received State fund exchange funding from the Oregon Department of Transportation (ODOT) through the Local Bridge Program to replace this bridge. Construction is anticipated to be completed this fall.

Desired BOC Session Date: **7/22/2026**

Contract should be in DocuSign by: **7/1/2026**

Agenda Planning Date: **7/9/2026**

Printed packets due in Finance: **7/7/2026**

Management Update: **7/7/2026**

BOC upload / Board Session email: **7/8/2026**

BOC Session Presenter(s) **Lani Radtke**

Code: **Y**

REQUIRED APPROVALS



07/01/2026

Finance - Contracts

Date



07/01/2026

Contract Specialist

Date



07/06/2026

Legal Counsel

Date



07/07/2026

Jan Fritz (Jul 7, 2026 13:17:23 PDT)

Chief Administrative Officer

Date

CONSTRUCTION CONTRACT PW-7204-26

This Contract made and entered into by and between Marion County, A Political Subdivision of the State of Oregon, acting by and through its duly elected, qualified, and acting Board of Commissioners, hereinafter called the "County" and, **Oregon State Bridge Construction, Inc.**, hereinafter called the "Contractor" for the Project entitled: **French Prairie Road: West Fork Champoeeg Creek Bridge Replacement Project.**

WITNESSETH

Contractor, in consideration of the sum of \$ **1,850.387.00** (the "Contract Price"), to be paid to the Contractor by County in the manner and at the time hereinafter provided, and subject to the terms and conditions provided in the Invitation To Bid and other Contract Documents, all of which are incorporated herein by reference, hereby agrees to perform all Work described and reasonably inferred from the Contract Documents. Contractor shall provide for and furnish all necessary machinery, tools, apparatus, equipment, supplies, materials and labor, and do all things in accordance with the applicable Plans and Specifications, and in accordance with such alterations and modifications of the same as may be made by the County.

This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Contractor.

1. Contract Exhibits. This Contract includes the following exhibits, each of which are incorporated into this Contract and by this reference are made a part hereof as though fully set forth herein:

Exhibit A – BID SCHEDULE

Exhibit B – BID CERTIFICATION

Exhibit C – PERFORMANCE BOND

Exhibit D – LABOR AND MATERIALS PAYMENT BOND

Exhibit E – DRUG & ALCOHOL TESTING POLICY CERTIFICATION

Exhibit F – FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

Exhibit G – PROJECT WAGE RATES

Exhibit H –(RESERVED)

Exhibit I – SPECIAL PROVISIONS

Exhibit J – PLANS AND DRAWINGS

Exhibit K – GENERAL CONDITIONS FOR CONSTRUCTION FOR MARION COUNTY (v2024)

Exhibit L – INVITATION TO BID AND INVITATION TO BID ADDENDUM # 1

In the event of a conflict between two or more provisions within any of the documents comprising this Contract, the language in the provision with the highest precedence will control. The precedence of each of the documents comprising this Contract is as follows, listed from highest precedence to lowest precedence: (1) this Contract without exhibits, (2) Exhibit I, (3) Exhibit K, (4) Exhibit H (Reserved), (5) Exhibit G, (6) Exhibit L, (7) Exhibit J, (8) Exhibit A, (9) Exhibit B, (10) Exhibit C, (11) Exhibit D, (12) Exhibit E, and (13) Exhibit F

2. Contractor shall pay all contributions or amounts due the Industrial Accident Fund from such Contractor or Subcontractor incurred in the performance of the contract.
3. Contractor shall not permit any lien or claim to be filed or prosecuted against the state, county, school district, municipality, municipal corporation or subdivision thereof, on account of any labor or material furnished.
4. Contractor agrees to pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.

5. Contractor shall indemnify, defend, save and hold harmless the County and its officers, employees, agents and volunteers, the State of Oregon, Oregon Transportation Commission and its members, Department of Transportation and its officers, employees and agents from and against any and all claims, actions, liabilities, damages, losses, or expenses, including attorneys' fees, arising from a tort, as now or hereafter defined in ORS 30.260, caused, or alleged to be caused, in whole or in part, by the negligent or willful acts or omissions of Contractor or any of the officers, agents, employees or subcontractors of the Contractor ("Claims"). It is the specific intention of the Parties that State shall, in all instances, except for Claims arising solely from the negligent or willful acts or omissions of State, be indemnified by the Contractor and subcontractor from and against any and all Claims.

Any such indemnification shall also provide that neither Contractor and subcontractor nor any attorney engaged by Contractor and subcontractor shall defend any claim in the name of Marion County or the State of Oregon or any agency of the State of Oregon, nor purport to act as legal representative of the State of Oregon or any of its agencies, without the prior written consent of the Oregon Attorney General. The State of Oregon may, at anytime at its election assume its own defense and settlement in the event that it determines that Contractor is prohibited from defending the State of Oregon, or the Contractor is not adequately defending the State of Oregon's interests, or that an important governmental principle is at issue or that it is in the best interests of the State of Oregon to do so. The State of Oregon reserves all rights to pursue claims it may have against Contractor if the State of Oregon elects to assume its own defense.

6. Money due to Contractor under and by virtue of this Contract may be returned for the use of the County; or, in case no money is due, Contractor's surety may be held until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the County; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that Contractor is adequately protected by public liability and property damage insurance.
7. THAT in consideration of the faithful performances of all of the obligations, both general and special, herein set out and in consideration of the faithful performance of the Work as set forth in this Contract, the applicable Invitation to Bid, Plans, Specifications, Bid, and all general and detailed specifications and plans which are a part hereof, and in accordance with the directions of the County and to its satisfaction, the County agrees to pay to the said Contractor the amount earned, as determined from the actual quantities of work performed and the prices and other basis of payment specified, and taking into consideration any amounts that may be deductible under the terms of the Contract, and to make such payments in the manner and at the time provided in the Contract.
8. In the event the Board of Commissioners of the County reduces, changes, eliminates, or otherwise modifies the funding for any of the services identified, the Contractor agrees to abide by any such decision, including termination of service.
9. The County delegates to the Marion County Engineer the authority and responsibility for issuing approvals, providing notices, receiving notices, issuing directives, authorizing change orders, and avoiding and resolving disputes.
10. This contract may be increased by twenty-five (25) percent over the original contract amount to include additional work for the projects specified in the contract, upon mutual agreement of both parties.
11. Contractor, its assignees and successors in interest agree to comply with the requirements of the Marion County Public Works Department Federally Funded Transportation Program Title VI Plan, herein incorporated by this reference, as follows:

- a. Compliance with Regulations.

The Contractor shall comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter DOT), Title 49, Code of Federal Regulations,

part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

b. Nondiscrimination.

The Contractor, with regard to the Work performed during the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

c. Solicitations for Subcontracts, including Procurement of Materials and Equipment.

In all solicitations either by competitive bidding or negotiations made by the Contractor for work to be performed under a subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Contract and the Regulations relative to nondiscrimination on the ground of race, color, sex, or national origin.

d. Information and Reports.

The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by County or the Oregon Department of Transportation to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to County or the Oregon Department of Transportation as appropriate, and shall set forth what efforts it has made to obtain the information.

e. Sanctions for Noncompliance.

In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, County and the Oregon Department of Transportation shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate including, but not limited to:

- i. Withholding of payments to the contractor under the Contract until the Contractor complies, and/or;
- ii. Cancellation, termination, or suspension of the Contract, in whole or in part.

f. Incorporation of Provisions.

The Contractor shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurement of materials and leases of equipment, unless exempt by state or federal Regulations or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontractor or procurement as Marion County may direct as a means of enforcing such provisions including sanctions for noncompliance.

g. Independent Contractor.

The Contractor is a separate and independently established business, retains sole and absolute discretion over the manner and means of carrying out the Contractor's activities and responsibilities for the purpose of implementing the provisions of this Contract, and maintains the appropriate license/certifications, if required under Oregon Law. Notwithstanding the preceding sentence, County reserves the right to determine schedule for the work to be performed and to evaluate the quality of the completed performance. This Contract shall not be construed as creating an agency, partnership, joint venture, employment relationship or any other relationship between the Parties other than that of

independent parties. The Contractor is acting as an "independent contractor" and is not an employee of County, and accepts full responsibility for taxes or other obligations associated with payment for services under this Contract. As an "independent contractor", Contractor will not receive any benefits normally accruing to County employees unless required by applicable law. Furthermore, Contractor is free to contract with other parties for the duration of the Contract.

h. Governing Law and Venue.

Any dispute between the County and the Contractor that arises from or relates to this Contract and that is not resolved under the provisions of Section 00199 of the General Conditions shall be brought and conducted solely and exclusively within the Circuit Court of Marion County; provided, however, if a dispute must be brought in a federal forum, then it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this be construed as a waiver by County on any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the Constitution of the United States or otherwise, from any claim or from the jurisdiction of any court. CONTRACTOR BY EXECUTION OF THE CONTRACT HEREBY CONSENTS TO THE IN PERSONAM JURISDICTION OF THE COURTS REFERENCED IN THIS SECTION.

IN WITNESS WHEREOF, the parties hereto have subscribed their names and affixed their respective official seals below.

MARION COUNTY SIGNATURE
BOARD OF COMMISSIONERS:

Chair _____ Date _____

Commissioner _____ Date _____

Commissioner _____ Date _____

Authorized Signature: Brian Nicholas 07/01/2026
[Brian Nicholas \(Jul 1, 2026 16:09:21 PDT\)](#)
Department Director or designee Date

Authorized Signature: Jan Fritz 07/07/2026
[Jan Fritz \(Jul 7, 2026 13:17:23 PDT\)](#)
Chief Administrative Officer Date

Reviewed by Signature: Andrew Mittendorf 07/06/2026
Marion County Legal Counsel Date

Reviewed by Signature: Alisa M Jones 07/01/2026
Marion County Contracts & Procurement Date

OREGON STATE BRIDGE CONSTRUCTION, INC. SIGNATURE

Authorized Signature: _____ Date _____

Title: _____

MARION COUNTY PUBLIC WORKS
INVITATION TO BID
FOR
THE CONSTRUCTION OF
FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK
BRIDGE REPLACEMENT
MARION COUNTY, OREGON
Bid Publication Date: May 20th, 2026
Bid Opening: June 4th, 2026
MARION COUNTY BID #: PW1804-26
OREGONBUYS BID SOLICITATION #: S-C25102- 00016986
ONEOFFICE NO. 2026-251
ACCOUNTING PROJECT NO. INSERT PROJECT – 105455

MARION COUNTY BOARD OF COMMISSIONERS

Kevin Cameron	Commissioner
Danielle Bethell	Commissioner
Colm Willis	Commissioner

Brian Nicholas, Director of Public Works



Electronic copies of this Invitation To Bid and attachments, if any, can be obtained from the Marion County Procurement Portal at the URL:

<https://contracts.co.marion.or.us/gateway/>

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EXHIBIT L

INTRODUCTION

1.1 Description of Work

Construction will remove the existing bridge and construct a new concrete bridge at the same location. Work will include new bridge approaches, a sheet pile retaining wall, and guardrail as called for in the Specifications and such additional Incidental Work as requested by the Engineer. The estimated cost range is 1,200,000 to \$1,600,000.

1.2 Requests for Clarification or Changes

As stated in section 00120.15 of the General Conditions for Marion County, any clarification of Plans and Specifications needed by the Bidder shall be submitted to Marion County at least five days prior to the date of Bid Closing. Failure to request clarification or changes in a timely manner shall be deemed acceptance of all the terms and conditions of the Procurement.

1.3 Time, Place and Methods of Receiving Bids

Submit electronic bids as specified in Special Provisions 00120.45 by 2:00 p.m. on June 4th, 2026. Bids will be considered time-stamped and received by the County at the time they are uploaded to the Procurement Collaboration Portal at:

<https://contracts-marioncountygcc.msapproxy.net/gateway/>.

It is the Bidder's responsibility to ensure that bids are received by the County prior to the stated submission deadline at the specified email or physical address. Bids, withdrawals or modifications submitted after the time set for receiving bids will not be opened or considered.

PUBLIC BID OPENING

Electronic Bids will be opened and read in Building 1, Marion County Public Works, 5155 Silverton Road NE Salem, Oregon. Bids for the work described above will be opened and read virtually by the Single Point of Contact on Tuesday, June 4th, 2026, at 2:00 pm, immediately following Bid Closing. A Microsoft Teams meeting will be held at 2:00 PM for the Bid Opening following the specific time included in the Bid Opening Date. Be sure to have MS Teams access available on your computer or mobile phone and follow the following link [ITB: French Prairie Rd: West Fork Champoeg Creek Bridge Replacement](#).

Bid results will be posted by 10:00 a.m. the next business day on the OregonBuys website at <https://oregonbuys.gov/bsol> under the solicitation number listed above.

1.4 Revision or Withdrawal of Bids

Refer to section 00120.60 of the General Conditions for Construction for Marion County.

1.5 Time for Completion of Work

Complete all Work to be done under the Contract no later than November 30, 2026.

Recording of the elapse of Calendar Days, if specified, will begin on the day the Contractor begins On-Site Work as defined in 00110.20.

1.6 Funding

This project is Locally/State Funded.

1.7 Project Information

Information pertaining to this Project may be obtained from the Single Point of Contact at Marion County Public Works, 5155 Silverton Road NE, Salem, Oregon 97305-3802:

Traci Clarke

503-365-3100

PWcontracts@co.marion.or.us

EXHIBIT L

1.8 Bid Guarantee

No bid shall be considered unless it is accompanied by a surety bond, cashier's check, certified check, or irrevocable letter of credit by an insured institution, as defined in ORS 706.008, of the bidder in the amount of ten percent (10%) of the bid per 00120.40(e).

The County shall return the bid security to all bidders upon the execution of the contract. The County shall retain bid security if a bidder who is awarded a contract fails to promptly and properly execute the contract.

1.9 Applicable Specifications

The Standard Specifications applicable to the Work on this Project are the 2024 Oregon Standard Specifications for Construction, Parts 00200 through 03000, published by the Oregon Department of Transportation (ODOT) and available for download on the ODOT website at:

https://www.oregon.gov/odot/Business/Pages/Standard_Specifications.aspx

The General Conditions applicable to the Work on this Project are the General Conditions for Construction for Marion County (v2024), Part 00100, available for download on the Marion County website at:

<https://www.co.marion.or.us/PW/Engineering/Pages/default.aspx>.

The Special Provisions applicable to the Work on this Project are enclosed in this Invitation To Bid (ITB). The Special Provisions shall be understood to supersede the Standard Specifications and General Conditions by modification and/or supplement. All number references in the Special Provisions shall be understood to refer to the section or subsection of the Standard Specifications or General Conditions bearing like numbers.

1.10 Prevailing Wage Rate Requirements

This Project is subject to Oregon prevailing wage rate law (BOLI), and any amendments in effect at the time of solicitation. The existing State prevailing wage rates last published at least 10 Calendar Days prior to the Bid Closing apply to this Project, unless modified by Addendum.

1.11 Mandatory Submission Forms

The following forms must be completed, signed and returned with the Bidder's submission package as **one pdf file:**

- Bid Schedule – Attachment A
- Bid Certification – Attachment B
- Bid Bond (or other Bid Guarantee as allowed in 00120.40(e)) – Attachment C
- Drug and Alcohol Testing Policy Certification – Attachment D

NOTE: All mandatory submission forms must be combined and submitted as one pdf file.

In addition – please upload the excel Bid Schedule (Attachment A), excel version takes precedence.

The following form must be completed, signed and returned within two (2) hours of the Bid Closing:

- First-Tier Subcontractor Disclosure Form – Attachment E

The County may consider any Bid that does not include the mandatory submission forms identified in this section, filled out completely and appropriately endorsed, to be non-responsive. The County reserves the right to waive minor informalities and irregularities in determining the responsiveness of individual Bids. Non-responsive Bids shall not be considered for award.

EXHIBIT L

1.12 Bid Evaluation

The County will perform an analysis of the bids to determine if any significantly unbalanced items are to the detriment of the County per Section 00120.70 of the General Conditions. The County reserves the right to reject any such bid that is mathematically and materially unbalanced. A materially unbalanced bid is when the County determines that an award to the Bidder submitting a mathematically unbalanced bid likely will not result in the lowest ultimate cost to the County.

1.13 Time Limit of Unsettled Disputes

No action, suit or other legal proceedings shall be maintained by any party thereto against another party hereto upon any claim or cause of action arising out of the Contract or breach thereof or anything done in connection therewith unless commenced within one (1) year of the Final Acceptance of Work under this Contract. All claims or causes of action in any way resulting from this Contract shall be deemed barred unless action or suit thereon shall have been commenced within such time.

1.14 Contract Expiration Date

Contract 2026-251 expires on May 1, 2028.



Marion County
OREGON

EXHIBIT L

**ADDENDUM #1
TO THE
INVITATION TO BID
PW1804-26 - ITB: FRENCH PRAIRIE RD: WEST CHAMPOEG CREEK BRIDGE REPLACEMENT
ISSUED ON 6/02/2026**

The following information in this addendum, (new language is indicated by underlining and deleted language is indicated by ~~strikeout~~) hereby become part of the Invitation to Bid. It is:

A. Essential that all prospective Offerors note the content of this Addendum.

1.3 Time, Place and Methods of Receiving Bids Submit electronic bids as specified in Special Provisions 00120.45 by 2:00 p.m. ~~June 4th, 2026~~ June 9th, 2026. Bids will be considered time-stamped and received by the County at the time they are uploaded to the Procurement Collaboration Portal at:

<https://contracts.marioncountygcc.msapproxy.net/gateway/>.

It is Bidder's responsibility to ensure that bids are received by the County prior to the stated submission deadline at the specified email or physical address. Bids, withdrawals or modifications submitted after the time set for receiving bids will not be opened or considered. PUBLIC BID OPENING Electronic Bids will be opened and read in Building 1, Marion County Public Works, 5155 Silverton Road NE Salem, Oregon, Bids for the work described above will be opened and read virtually by the Single Point of Contact on ~~Thursday, June 4th, 2026~~ Tuesday, June 9th, 2026, at 2:00 pm, immediately following Bid Closing. A Microsoft Teams meeting will be held at 2:00 PM for the Bid Opening following the specific time included in the Bid Opening Date.

Be sure to have MS Teams access available on your computer or mobile phone and follow the following link:

[ITB: French Prairie Rd: West Fork Champoeg Creek Bridge Replacement](#)

- B. Remove and Replace:** Replace the Excel Fillable Bid Schedule entirely.
- C. Remove and Replace Plan Sheet:** Remove and replace plan sheet J09 with the attached revised version.
- D. Revise Special Provision:** Replace the quantities in Section 00510.80(d)(1) of the special provisions with the following:

The estimated quantities of granular wall backfill and granular structure backfill are:

Location	Granular Structure Backfill (Cubic Yard)
South Abutment/Approach	280
North Abutment/Approach	280
Sheet Pile Wall	30

EXHIBIT A

EXHIBIT A – BID SCHEDULE

USE FILLABLE BID SCHEDULE – DOWNLOAD FROM COLLABORATION PORTAL

EXHIBIT A

BID SCHEDULE
Marion County Public Works
French Prairie Road: West Fork Champoeg Creek Bridge
Marion County Bid Solicitation #: PW1804-26
OregonBuys Bid Solicitation #: S-C25102-00016986
OneOffice #: 2026-251

Bidder's Name: Oregon State Bridge Construction, Inc.

LINE #	ITEM #	DESCRIPTION	UNITS	QTY	UNIT PRICE	AMOUNT
1	0210-0100	MOBILIZATION	LS	1	\$185,500.00	\$185,500.00
2	0221-0100	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	1	\$10,000.00	\$10,000.00
3	0222-0102	TEMPORARY SIGNS	SQFT	300	\$20.00	\$6,000.00
4	0222-0164	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	2	\$3,000.00	\$6,000.00
5	0223-0168	FLAGGERS	HOUR	80	\$82.00	\$6,560.00
6	0224-0105	TEMPORARY BARRICADES, TYPE III	EACH	14	\$185.00	\$2,590.00
7	0224-0145	TEMPORARY PLASTIC DRUMS	EACH	24	\$50.00	\$1,200.00
8	0225-0149	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	640	\$1.00	\$640.00
9	0245-0200	TEMPORARY WATER MANAGEMENT FACILITY	LS	1	\$35,000.00	\$35,000.00
11	0253-0106	TEMPORARY WORK ACCESS AND CONTAINMENT	LS	1	\$20,000.00	\$20,000.00
12	0280-0100	EROSION CONTROL	LS	1	\$7,500.00	\$7,500.00
13	0280-0105	MATTING, TYPE C	SQYD	1200	\$6.00	\$7,200.00
14	0280-0110	CONSTRUCTION ENTRANCE, TYPE 1	EACH	2	\$2,750.00	\$5,500.00
15	0280-0112	CONCRETE WASHOUT FACILITY	EACH	2	\$200.00	\$400.00
16	0280-0113	SEDIMENT FENCE	FOOT	1400	\$2.75	\$3,850.00
17	0280-0114	INLET PROTECTION, TYPE 4	EACH	4	\$165.00	\$660.00
18	0280-0115	SEDIMENT BARRIER, TYPE 3	FOOT	1200	\$3.50	\$4,200.00
19	0280-0150	CHECK DAMS	EACH	10	\$125.00	\$1,250.00
20	0290-0100	POLLUTION CONTROL PLAN	LS	1	\$1,000.00	\$1,000.00
21	0290-0102	WORK CONTAINMENT PLAN	LS	1	\$10,000.00	\$10,000.00
22	0290-0200	TURBIDITY MONITORING	LS	1	\$1,500.00	\$1,500.00
23	0305-0100	CONSTRUCTION SURVEY WORK	LS	1	\$17,595.00	\$17,595.00
24	0310-0106	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$9,000.00	\$9,000.00
25	0320-0100	CLEARING AND GRUBBING	LS	1	\$30,000.00	\$30,000.00
26	0330-0105	GENERAL EXCAVATION	CUYD	2900	\$15.00	\$43,500.00
27	0331-0109	18 INCH SUBGRADE STABILIZATION	SQYD	500	\$60.00	\$30,000.00
28	0350-0104	RIPRAP GEOTEXTILE, TYPE 2	SQYD	100	\$3.00	\$300.00
29	0350-0105	SUBGRADE GEOTEXTILE	SQYD	1500	\$1.50	\$2,250.00
30	0390-0105	LOOSE RIPRAP, CLASS 50	TON	130	\$105.00	\$13,650.00
31	0390-0139	RIPRAP BASINS	EACH	3	\$150.00	\$450.00
32	0445-03501	12 INCH STORM SEWER PIPE, 5 FT DEPTH	FOOT	190	\$122.00	\$23,180.00
33	0470-0432	FLOW CONTROL STRUCTURE	EACH	3	\$12,000.00	\$36,000.00
35	0480-0100	DRAINAGE CURBS	FOOT	42	\$85.00	\$3,570.00
36	0501-0100	BRIDGE REMOVAL WORK	LS	1	\$60,000.00	\$60,000.00
37	0510-0108	GRANULAR STRUCTURE BACKFILL	LS	1	\$50,000.00	\$50,000.00
38	0510-0250	STRUCTURE EXCAVATION	LS	1	\$15,000.00	\$15,000.00

EXHIBIT A

39	0520-0100	FURNISH PILE DRIVING EQUIPMENT	LS	1	\$30,000.00	\$30,000.00
40	0520-0127	FURNISH PP 16 X 0.5 STEEL PILES	FOOT	832	\$94.00	\$78,208.00
41	0520-0312	DRIVE PP 16 X 0.5 STEEL PILES	EACH	16	\$1,150.00	\$18,400.00
42	0520-0329	PILE LOAD TEST (DYNAMIC)	EACH	2	\$4,500.00	\$9,000.00
43	0520-0330	REINFORCED PILE TIPS	EACH	16	\$515.00	\$8,240.00
44	0520-0423	PP 16 X 0.5 STEEL PILE SPLICES	EACH	16	\$1.00	\$16.00
45	0530-0101	REINFORCEMENT, GRADE 60	LS	1	\$40,000.00	\$40,000.00
46	0540-0312	GENERAL STRUCTURAL CONCRETE, CLASS 4000	LS	1	\$100,000.00	\$100,000.00
47	0545-0100	REINFORCED CONCRETE BRIDGE APPROACH SLABS	SQYD	175	\$365.00	\$63,875.00
48	0550-0136	18 INCH PRECAST PRESTRESSED SLABS	FOOT	410	\$335.00	\$137,350.00
49	0587-0126	TYPE "F" CONCRETE RAIL, 42 INCH	LS	1	\$25,000.00	\$25,000.00
50	0592-0101	ROLLED WATERPROOF MEMBRANE	SQFT	1558	\$4.50	\$7,011.00
51	0596-00200	(RETAINING WALL, SHEET PILE	LS	1	\$300,000.00	\$300,000.00
52	0596-D0040	WALL DRAINAGE AND FILTER SYSTEM	LS	1	\$12,500.00	\$12,500.00
53	0620-0104	COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCHES DEEP	SQYD	470	\$18.00	\$8,460.00
54	0640-0100	AGGREGATE BASE	TON	2100	\$52.00	\$109,200.00
55	0744-0202	LEVEL 2, 1/2 INCH ACP MIXTURE	TON	1100	\$105.00	\$115,500.00
56	0810-0107	GUARDRAIL, TYPE 3	FOOT	50	\$78.00	\$3,900.00
57	0810-0120	GUARDRAIL ANCHORS, TYPE 1 MODIFIED	EACH	3	\$1,500.00	\$4,500.00
58	0810-0123	GUARDRAIL END PIECES, TYPE C	EACH	3	\$150.00	\$450.00
59	0810-0126	GUARDRAIL TRANSITION	EACH	4	\$3,800.00	\$15,200.00
60	0810-0129	GUARDRAIL TERMINALS, NON-FLARED	EACH	1	\$3,300.00	\$3,300.00
61	0810-01461	(MIDWEST GUARDRAIL SYSTEM, TYPE 2A	FT	519	\$33.00	\$17,127.00
62	0842-0200	FIELD FACILITY MARKERS, TYPE S1 RED	EACH	3	\$75.00	\$225.00
63	0842-0300	FIELD FACILITY MARKERS, TYPE S1 GREEN	EACH	3	\$75.00	\$225.00
64	0860-0200	LONGITUDINAL PAVEMENT MARKINGS - PAINT	FOOT	4000	\$0.36	\$1,440.00
65	0905-0100	REMOVE EXISTING SIGNS	LS	1	\$350.00	\$350.00
66	0905-0101	REMOVE AND REINSTALL EXISTING SIGNS	LS	1	\$750.00	\$750.00
67	0910-0100	WOOD SIGN POSTS	FBM	160	\$14.00	\$2,240.00
68	1012-0106	WATER QUALITY BIOSWALES	FT	490	\$75.00	\$36,750.00
69	1030-0119	WATER QUALITY SEEDING, MIX NO. 1	ACRE	0.04	\$40,000.00	\$1,600.00
70	1030-0128	NATIVE PLANT SEEDING	ACRE	1	\$2,950.00	\$2,950.00
71	1050-0104	TYPE 2 FENCE	FOOT	675	\$29.00	\$19,575.00
72	1120-0200	RELOCATE IRRIGATION SYSTEM	LS	1	\$6,000.00	\$6,000.00
73	9999-0631	CFST CONCRETE	LS	1	\$20,000.00	\$20,000.00

OneOffice 2026-251 - TOTAL EXTENSION

\$1,850,387.00

EXHIBIT B

EXHIBIT B – BID CERTIFICATION

The Honorable Board of
County Commissioners
Marion County Courthouse
Salem, Oregon 97301

Commissioners:

The Undersigned, hereinafter called the Bidder, declares that the only person or parties interested in this Bid are those named herein; that this Bid Certification is in all respects fair and without fraud; that it is made without collusion with any official or employee of the County, and without any connection or collusion with any person making another certification on this Contract.

The Bidder also certifies to the following:

A. Noncollusion:

- The price(s) and amount of this Bid have been arrived at independently and without consultation, communication, or agreement with any other contractor, bidder, or potential bidder except as disclosed on a separately attached statement.
- Neither the price(s) nor the amount of this Bid, and neither the approximate price(s) nor approximate amount of this Bid has been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before the opening of bids.
- No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, to submit a bid higher than this Bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
- This Bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive bid.
- The Bidder, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted of or found liable for any act, prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract except as described on a separately attached statement.
- The Bidder understands and acknowledges that the above representations are material and important and will be relied on by Marion County, in awarding the contract(s) for which this Bid is submitted. The Bidder understands that any misstatement in this Certification is and shall be treated as fraudulent concealment from Marion County, of the true facts relating to the submission of bids for this contract.

B. Noninvolvement in Any Debarment and Suspension:

The Bidder, its owners, directors, and officers:

- Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- Have not within a three-year period preceding this Bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a

EXHIBIT B

public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

- Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in the preceding paragraph of this Certification; and
- Have not within a three-year period preceding this Bid had one or more public transactions (Federal, State, or local) terminated for cause or default.

Where the prospective primary participant is unable to certify to any of the statements in this Certification, the prospective primary participant shall attach an explanation to this Bid.

List exceptions in writing on one or more pages, as necessary, with the heading, "Certification Exceptions, Bid Insert," and attach all pages to this Bid Certification. For each exception noted, indicate to whom the exception applies, initiating agency, and date(s) of action.

C. Lobbying Activities:

To the best of my knowledge and belief, that:

- No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions to the ODOT Procurement Office - Construction Contracts Unit, MS# 2-2, 3930 Fairview Industrial Drive SE, Salem, Oregon 97302-1166. Copies of Standard Form-LLL are available at the above location.
- This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this Certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required Certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
- The prospective participant also agrees by submitting his or her Bid that he or she shall require that the language of this Certification be inserted in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

D. Compliance With Oregon Tax Laws:

- By signature on this Bid, the undersigned hereby certifies under penalty of perjury that the undersigned is authorized to act on behalf of Bidder, that the undersigned has authority and knowledge regarding Bidder's payment of taxes, and that Bidder is, to the best of the undersigned's knowledge, not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 (Amusement Device Taxes), ORS 403.200 to 403.250 (Tax For Emergency Communications), and ORS Chapters 118 (Inheritance Tax), 314 (Income Tax), 316 (Personal Income Tax), 317 (Corporation Excise Tax), 318 (Corporation Income Tax), 321 (Timber And Forestland Tax), 323 (Cigarettes And Tobacco

EXHIBIT B

Products Tax), and the elderly rental assistance program under ORS 310.630 to 310.706, and any local taxes administered by the Department of Revenue under ORS 305.620.

E. Employee Drug Testing Program:

- Pursuant to ORS 279C.505(2), that the bidder has an employee drug testing program in place, and will maintain such program for the entire period of this contract. Failure to maintain such program shall constitute a material breach of contract.

F. Nondiscrimination:

- Pursuant to ORS 279A.110, that the Bidder has not discriminated and will not discriminate against a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns, or an emerging small business in obtaining any required subcontracts. The Bidder understands that it may be disqualified from bidding on this public improvement project if the County finds that the Bidder has violated subsection (1) of ORS 279A.110.

G. Use of Registered Subcontractors:

- That all subcontractors performing work on this public improvement contract will be registered with the Construction Contractors Board or licensed by the State Landscape Contractors Board in accordance with ORS 701.035 to 701.055 before the subcontractors commence work under this contract.

H. Incorporation of All Addenda:

- The Bidder has incorporated into this Bid all Addenda issued for this Project.
- The Bidder understands and acknowledges that the County will provide all Addenda only by publishing them on the OregonBuys website. Addenda may be downloaded from the OregonBuys website.
- The Bidder shall be responsible for diligently checking the OregonBuys website for Addenda. Bidders should check the web site at least weekly until one (1) week prior to the designated time to receive bids and daily thereafter.
- By submitting this Bid, the Bidder assumes all risks associated with its failure to access all Addenda and waives all claims, suits, and actions against the State, County, the County's governing commission and its members, and their officers, agents, and employees that may arise out of the Bidder's failure to access all Addenda, in spite of any contingencies such as website failure, down-time, service interruptions, and corrupted, inaccurate, or incomplete Addenda or information.

The Bidder declares that the Bidder has carefully examined the Specifications and other proposed Contract Documents; that the Bidder personally has made an examination of the site of the proposed Work and has made the necessary investigations to determine the conditions to be encountered independently of the indications in the Specifications. The applicable Standard Specifications, General Conditions, Special Provisions, and other Contract Documents bound herewith are by reference a part of this Bid Certification.

The Bidder agrees to accept as full payment for the Work herein proposed or the materials to be furnished the amount computed as determined by the provisions of this Invitation To Bid and based on the following Bid Certification, it being expressly understood that the unit prices listed are independent of the exact quantities involved, where unit prices apply.

The Bidder further declares the total amount of work, expressed in dollars, Bidder's company reasonably believes it is capable of bonding at any one time: \$ 20,000,000.00. The Bidder declares the portion of this amount which remains available at time of completion of this form is \$ 15,000,000.00.

The Bidder further agrees that the provisions required by ORS 279C.840 shall be included in the Contract.

EXHIBIT B

The bidder is prequalified on the Oregon Department of Transportation (ODOT) list for the Work categories requested for this Project.

Acknowledgement of receipt of addenda:

No. <u>1</u>	Date: <u>6/02/2027</u>
No. _____	Date: _____
No. _____	Date: _____
No. _____	Date: _____
No. _____	Date: _____

[The remainder of this page intentionally left blank.]

EXHIBIT B

Experience / References

The information on this form may be utilized by Marion County to consider whether a Bidder has met the standards of responsibility set forth in ORS279C.375.

Current Contracts in Force/Previous Experience – minimum of three required of similar nature with public sector work.

Contract #1

Location (city/state)	Newberg, Oregon
Owners Name	Chehalis Park & Recreation District
Type of Work	Installation of Precast Concrete Bridge on driven pile
% Completed	20%
Estimated Completion Date	December 2026

Contract #2

Location (city/state)	Meacham, Oregon
Owners Name	ODOT
Type of Work	Precast Concrete bridge w new approach roadwork
% Completed	100%
Estimated Completion Date	Completed December 2025

Contract #3

Location (city/state)	Hillsboro, Oregon
Owners Name	Washington County
Type of Work	Precast Concrete Bridge w driven pile abutments
% Completed	100%
Estimated Completion Date	Completed September 2024

References – minimum of two project owner references and two subcontractor references.

#1 Project Owner Reference

Reference Name	Jeff Miles
Business or Employer	ODOT
Telephone	541-805-1844
Project Name/\$ Amount	I-84 Frontage Rd. Meacham Sbk. IPRR Bridge \$6,575,706.00

#2 Project Owner Reference

Reference Name	Charles Stearns
Business or Employer	Washington County
Telephone	503-846-7936
Project Name/\$ Amount	Cornelius Pass Rd. - Butter nut Creek Bridge. \$11,795,000.00

#1 Subcontractor Reference

Reference Name	Gibson Kuenz
Business or Employer	Siegmund Excavation & Construction
Telephone	503-339-4690
Project Name/\$ Amount	Mill Creek Bridge (Knappa, OR) \$262,233

#2 Subcontractor Reference

Reference Name	Joel Jensen
Business or Employer	Kerr Contractors
Telephone	971-235-7920
Project Name/\$ Amount	Cornelius Pass Rd. - Butter nut Creek Bridge. \$11,795,000.00

EXHIBIT B

The name of the Bidder who is submitting this Bid Certification is:

Company: Oregon State Bridge Construction, Inc.
(Print or Type)

Address: PO Box 310
(Print or Type)

City, State Zip Stayton, OR 97383
(Print or Type)

which address is the address to which all communications considered with this Bid Certification and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Bid and Bid Certification or of the partners, if the Bid Certification is submitted by a partnership, or of all persons interested in this Bid Certification as principals, are as follows:

Craig Gries, President

Rick Silbernagel, Secretary

Dated this 3rd day of June, 2026.

Construction Contractor's
Board Registration Number

180779

Oregon State Bridge Construction, Inc.

Firm Name



Signature of Bidder

Craig Gries

Name Print or Type

President

Title Print or Type

Telephone No. 503-767-6722

Email Address: cgries@orstbridge.com

Tax ID # 26-1776483

Business Organization: (Check one)

☒ Corporation

☐ Limited Liability Company

☐ Joint Venture

☐ Partnership

☐ Sole Proprietorship

☐ Other _____

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS, that Oregon State Bridge Construction Inc. ⁺
hereinafter called the Principal, and Travelers Casualty and Surety Company of America, a Corporation organized and existing under and by virtue of the laws of the state Connecticut duly authorized to do surety business in the State of Oregon as Surety, are held and firmly bound unto Marion County hereinafter called the County, in the sum of Ten Percent of Total Amount Bid Dollars (\$ 10%), for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the Principal herein is herewith submitting his or its Bid Proposal for French Prairie Rd: West Fork Champoege Creek said Bid Proposal, by reference thereto, being hereby made a part hereof.

NOW THEREFORE, if the said Bid Proposal submitted by the said Principal be accepted, and the Contract be awarded to said Principal, and if the said Principal shall execute the proposed Contract as required by the bidding and the Contract Documents within the time set by said Documents, then this obligation shall be void. If the Principal shall fail to execute the proposed Contract, the Surety hereby agrees to pay to the County the sum as liquidated damages.

Signed and sealed this 29th day of May, 2026

Oregon State Bridge Construction Inc.

Principal

By: [Signature]

Travelers Casualty and Surety Company of America

Surety

By: Tracy Stewart Digitally signed by Tracy Stewart
Date: 2026.05.29 16:47:30 -07'00'

Attorney-in-Fact Tracy Stewart

A certified copy of the Agent's
Power-of-Attorney must be
Attached hereto.





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

POWER OF ATTORNEY

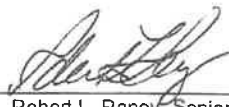
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that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

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.



State of Connecticut

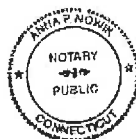
City of Hartford ss.

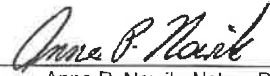
By: 
Robert L. Raney, Senior Vice President

On this the 21st day of April, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

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

My Commission expires the 30th day of June, 2026




Anna P. Nowik, Notary Public

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

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

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

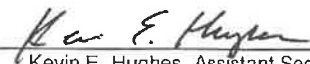
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice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

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

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

Dated this 29th day of May, 2026




Kevin E. Hughes, Assistant Secretary

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

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

EXHIBIT C

Bond No. 108490259

PERFORMANCE BOND

(NOTE: CONTRACTORS MUST USE THIS FORM, NOT A SURETY COMPANY FORM)

KNOW BY ALL PERSONS BY THESE PRESENTS:

We the undersigned Oregon State Bridge Construction Inc. as PRINCIPAL (hereinafter called CONTRACTOR), and * a corporation organized and existing under and by virtue of the laws of the state of Connecticut duly authorized to do surety business in the state of Oregon and named on the current list of approved surety companies acceptable on federal bonds and conforming with the underwriting limitations as published in the Federal Register by the audit staff of the Bureau of Accounts and the U.S. Treasury Department and is of the appropriate class for the bond amount as determined by Best's Rating System, as SURETY, hereby hold and firmly bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, to pay to MARION COUNTY as OBLIGEE (hereinafter called MARION COUNTY), the amount of One Million Eight Hundred Fifty Thousand Three Hundred Eighty Seven Dollars & 00/00 Dollars (\$ 1,850,387.00) in lawful money of the United States of America.

WHEREAS, the CONTRACTOR entered into a contract with MARION COUNTY dated , 20 , which Contract is hereunto annexed and made a part hereof, for accomplishment of the project described as follows: French Prairie Rd: West Fork Champoeg Creek Bridge Replacement Project

NOW, THEREFORE, the condition of this obligation is such that if the CONTRACTOR shall promptly, truly and faithfully perform all the undertakings, covenants, terms, conditions, and agreements of the aforesaid contract and having performed its obligations thereunder, then this obligation shall be null and void; otherwise it shall remain in full force and effect until the expiration of any statutes of limitation or ultimate repose applicable to claims against Principal arising out of said Contract or for as long as CONTRACTOR is liable under the Contract, whichever is later.

Whenever CONTRACTOR shall be declared by MARION COUNTY to be in default under the Contract Documents for the project described herein, the SURETY may promptly remedy the default, or shall promptly complete the project in accordance with the Contract Documents and the project Specifications with a contractor approved by MARION COUNTY. SURETY, for value received, further stipulates and agrees that all changes, extensions of time, alterations, or additions to the terms of the Contract or Specifications for Contract are within the scope of the SURETY's undertaking on this bond, and SURETY hereby waives notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications. Any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications shall automatically increase the obligation of the Surety hereunder in a like amount, provided that such increase shall not exceed twenty-five percent (25%) of the original amount of the obligation without the consent of the Surety.

This obligation shall continue to bind the PRINCIPAL and SURETY, notwithstanding successive payments made hereunder, until the full amount of the obligation is exhausted.

No right of action shall accrue on this bond to or for the use of any person or corporation other than MARION COUNTY, its respective heirs, executors, administrators, successors or assigns.

If more than one SURETY is on this bond, each SURETY hereby agrees that it is jointly and severally liable for obligations on this bond.

* Travelers Casualty and Surety Company of America

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 25th day of
June _____, 2026.

Travelers Casualty and Surety Company
of America

SURETY

By: Tracy Stewart Digitally signed by Tracy Stewart
Date: 2026.06.25 12:07:23 -07'00'

Title: Tracy Stewart, Attorney-in-Fact

1605 Liberty Street SE

Street Address

Salem, OR 97302

City State ZIP

(503) 362-2711

Phone Number

Oregon State Bridge Construction Inc.

CONTRACTOR

By: Cy Jnes

Title: President

3884 S. Hwy 226

Street Address

Scio OR 97383

City State ZIP

503-767-6722

Phone Number



EXHIBIT D

Bond No. 108490259

LABOR AND MATERIALS PAYMENT BOND

(NOTE: CONTRACTOR MUST USE THIS FORM, NOT A SURETY COMPANY FORM)

KNOW ALL PERSONS BY THESE PRESENTS:

We the Undersigned Oregon State Bridge Construction Inc. as PRINCIPAL and Travelers Casualty and Surety Company of America a corporation organized and existing under and by virtue of the laws of the state of Connecticut, and duly authorized to do surety business in the state of Oregon and named on the current list of approved surety companies acceptable on federal bonds and conforming with the underwriting limitations as published in the Federal Register by the audit staff of the Bureau of Accounts and the U.S. Treasury Department and which carries an "A" rating and is of the appropriate class for the bond amount as determined by Best's Rating System, as SURETY, hereby hold and firmly bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, unto MARION COUNTY and ODOT, as dual OBLIGEE, in the sum of One Million Eight Hundred Fifty Thousand Three Hundred Eighty Seven Dollars & 00/100 Dollars (\$ 1,850,387.00) in lawful money of the United States of America, for the payment of that sum for the use and benefit of claimants as defined below.

The condition of this obligation is such that whereas the PRINCIPAL entered into a contract with MARION COUNTY dated , 20 , which contract is hereunto annexed and made a part hereof, for accomplishment of the project described as follows: French Prairie Rd: West Fork Champoeg Creek Bridge Replacement Project

NOW THEREFORE, if the PRINCIPAL shall promptly make payments to all persons, firms, subcontractors, corporations and/or others furnishing materials for or performing labor in the prosecution of the Work provided for in the aforesaid Contract, and any authorized extension or modification thereof, including all amounts due for materials, equipment, mechanical repairs, transportation, tools and services consumed or used in connection with the performance of such Work, and for all labor performed in connection with such Work whether by subcontractor or otherwise, and all other requirements imposed by law, then this obligation shall become null and void; otherwise this obligation shall remain in full force and effect, until the expiration of any statutes of limitation or ultimate repose applicable to claims against Principal arising out of said Contract or for as long as CONTRACTOR is liable under the Contract, whichever is later, subject, however, to the following conditions:

1. A claimant is as specified in ORS 279C.600 to 279C.620.
2. The above-named PRINCIPAL and SURETY hereby jointly and severally agree with the OBLIGEE and its assigns that every claimant as above-specified, who has not been paid in full, may sue on this bond for the use of such claimant, prosecute the suit to final judgment in accordance with ORS 279C.610 for such sum or sums as may be justly due claimant, and have execution thereon. The OBLIGEE shall not be liable for the payment of any judgment, costs, expenses or attorneys' fees of any such suit.

PROVIDED, FURTHER, that SURETY for the value received, hereby stipulates and agrees that all changes, extensions of time, alterations to the terms of the Contract or to Work to be performed thereunder or the Specifications accompanying the same shall be within the scope of the SURETY's undertaking on this bond, and SURETY does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the Specifications. Any such change, extension of time, alteration or addition to the terms of the contract or to the Work or to the Specifications shall automatically increase the obligation of the SURETY hereunder in a like amount, provided that the total of such increases shall not exceed twenty-five percent (25%) of the original amount of the obligation without the consent of the SURETY.

This obligation shall continue to bind the PRINCIPAL and SURETY, notwithstanding successive payments made hereunder, until the full amount of the obligation is exhausted, or if the full amount of the obligation is not exhausted and no claim is pending resolution, until such time as no further claims can be made pursuant to law with regard to the above-described project, by any claimant specified in ORS 279C.600.

If more than one SURETY is on this bond, each SURETY hereby agrees that it is jointly and severally liable for all obligations of this bond.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 25th day of June, 2026.

Travelers Casualty and Surety Company
of America

SURETY

By: Tracy Stewart Digitally signed by Tracy Stewart
Date: 2026.06.25 12:07:06 -07'00'

Title: Tracy Stewart, Attorney-in-Fact

1605 Liberty Street SE

Street Address

Salem, OR 97302

City, State Zip

(503) 362-2711

Phone Number

Oregon State Bridge Construction Inc.

CONTRACTOR

By: Cy. J. J. J.

Title: President

38848 S. Hwy 226

Street Address

Scio OR. 97383

City, State Zip

503-767-6722

Phone Number





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

POWER OF ATTORNEY

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

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.



State of Connecticut

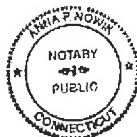
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the 21st day of April, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

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

My Commission expires the 30th day of June, 2026




Anna P. Nowik, Notary Public

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

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

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

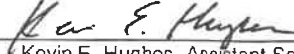
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice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

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

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

Dated this 25th day of June, 2021.




Kevin E. Hughes, Assistant Secretary

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

EXHIBIT E

EXHIBIT E – DRUG & ALCOHOL TESTING POLICY CERTIFICATION

Has your firm established and implemented a drug and alcohol policy and testing program that complies with ORS 279C.505 for public improvement contracts?

 X Yes No

I hereby certify that the information provided on this form is true and accurate to the best of my knowledge.

Please print or type:

Company Name Oregon State Bridge Construction, Inc.

Name/Title Craig Gries/President

Address PO Box 310, Stayton OR 97383

Signature *Craig Gries*

Date 6/3/2026

EXHIBIT F– FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

INSTRUCTIONS

Instructions for Submitting Form

Submittal of the First-Tier Subcontractor Disclosure Form is mandatory for all public improvement project bids estimated to exceed \$100,000. Submit the First-Tier Subcontractor Disclosure Form in one of the following manners:

- By filling out the Subcontractor Disclosure Form included in the Invitation To Bid and submitting it, in PDF format, together with the Bid documents to the County's Procurement Collaboration Portal at the time designated for receipt of Bids; or
- By removing it from the Invitation To Bid, filling it out, signing and dating in ink, and submitting it separately, in PDF format, to the "My Company Info" page within the County's Procurement Collaboration Portal; or
- By removing it from the Invitation To Bid, filling it out, signing and dating in ink and submitting it separately in a sealed envelope to the receptionist at Marion County Public Works, Building 1, 5155 Silverton Road NE, Salem Oregon 97305. The envelope shall be plainly labeled "First-Tier Subcontractors for Bid on French Prairie Road: West Fork Champoeq Creek Bridge Replacement" (see Invitation to Bid cover page).

Instructions for First-Tier Subcontractor Disclosure

Use the First-Tier Subcontractor Disclosure Form to disclose all subcontracts included in the Bid that are equal to or greater than the following:

1. Five percent (5%) of the total project Bid or \$15,000, whichever is greater, or
2. \$350,000 regardless of the percentage of the total project Bid

Disclose the following information for each subcontractor:

- The name of the subcontractor
- The category of work that the subcontractor will be performing
- The dollar amount of the subcontract

If your Bid includes no subcontractors or if your Bid includes no contracts that are equal to or greater than the disclosure criteria, above, you are still required to submit the form, with the appropriate box checked or enter "NONE" on the first line.

THE COUNTY MUST REJECT BIDS if the Bidder fails to submit the disclosure form with this information by the stated deadline.

EXHIBIT F

FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

Project Name French Prairie Road: West Fork Champoeq Creek Bridge Replacement

ONEOFFICE Contract # 2026-251

Bid Opening Date 6/9/2026

Name of Bidding Contractor Oregon State Bridge Construction, Inc.

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

FIRST-TIER SUBCONTRACTORS

Firm Name Mid Valley Excavation	Dollar Amount \$363,000.00
Category of Work Earthwork & Drainage	
Firm Name North Santiam Paving Company	Dollar Amount \$121,500.00
Category of Work Paving	
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	
Firm Name	Dollar Amount
Category of Work	

(Attach additional sheets as necessary)

Cy Shie, President, OSBC
6/9/2026

EXHIBIT G

PROJECT WAGE RATES

Minimum Wage Requirements - This Project is subject to State prevailing wage rate requirements. Not less than the existing State prevailing wage rates shall be paid to workers according to 00170.65(b) and 00170.65(e).

Applicable Wages - Prevailing wage rates published in the wage determinations and any applicable modifications or amendments apply to this Project and are incorporated by reference:

(1) Oregon Bureau of Labor and Industries (BOLI), "Prevailing Wage Rates For Public Works Contracts in Oregon".

The applicable State prevailing wage rates last published prior to the time of Bid Opening, which is stated on the Invitation to Bid, apply to this Project.

Wage Rates are Internet-Accessible - The BOLI wage rates can be found on the Oregon Bureau of Labor and Industries website at: <https://www.oregon.gov/boli/WHD/PWR/Pages/index.aspx>.

Wage Rates are Subject to Change - Modifications or amendments to BOLI wage rates applicable to this Project may occur at any time before Bid Opening. Bidders are responsible to monitor the respective web page for modifications and amendments up until Bid Opening.

EXHIBIT I

SPECIAL PROVISIONS

PART 00100 – GENERAL CONDITIONS

Replace "PART 00100 – GENERAL CONDITIONS" of the 2024 Oregon Standard Specifications for Construction with the following:

General Conditions for Construction for Marion County, v2024, a Supplemental Specification published by Marion County on the Marion County Public Works Engineering Division website at <http://www.co.marion.or.us/PW/Engineering> and included in these Special Provisions by reference.

SECTION 00110 – ORGANIZATION, CONVENTIONS, ABBREVIATIONS, AND DEFINITIONS

Comply with Section 00110 of the General Conditions modified as follows.

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

- American Traffic Safety Services Association (ATSSA)
www.atssa.com
- Connex
<https://connex.rtvision.com/contracts/awarded>
- Marion County Procurement Collaboration Portal
www.co.marion.or.us/FIN/Pages/contracts.aspx
- Marion County General Conditions for Construction
www.co.marion.or.us/PW/Engineering/Pages/default.aspx
- ODOT Construction Section
www.oregon.gov/odot/construction/pages/index.aspx
- Qualified Products List (QPL)
www.oregon.gov/ODOT/Construction/Pages/Qualified-Products.aspx
- Nonfield-Tested Materials Acceptance Guide (NTMAG)
https://www.oregon.gov/odot/Construction/Documents/NTMAG_202401.pdf
- ODOT Construction Surveying Manual for Contractors
www.oregon.gov/ODOT/ETA/Documents_Geometronics/Construction-Survey-Manual-Contractors.pdf
- Marion County General Conditions for Construction
www.co.marion.or.us/PW/Engineering/Pages/default.aspx
- OregonBuys
<https://oregonbuys.gov/bsol/>

00110.10 Abbreviations – Add the following paragraph at the end of this subsection:

Delete the following paragraph:

DBE – Disadvantaged Business Enterprise

00110.20 Definitions – Add the following paragraphs to the end of this subsection:

Materially Unbalanced Bid - A Bid which generates a reasonable doubt that Award to the Bidder submitting a Mathematically Unbalanced Bid will result in the lowest ultimate cost to the Agency.

Mathematically Unbalanced Bid - A Bid containing lump sum or unit Pay Items (bid items) which do not reflect reasonable actual costs plus a reasonable proportionate share of the Bidder's anticipated profit, overhead costs and other indirect costs.

Pedestrian Accessible Route - An area for the use of pedestrians to navigate along sidewalks, driveways, curb ramps, crossings, and pedestrian facilities.

Pedestrian Channelizing Device - Devices used for channelizing pedestrians along a Temporary Pedestrian Accessible Route.

SECTION 00120 – BIDDING REQUIREMENTS AND PROCEDURES

Comply with Section 00120 of the General Conditions modified as follows:

00120.00 Prequalification of Bidders – Replace the first sentence with the following:

For this project the Agency requires contractors to be prequalified with the Oregon Department of Transportation (ODOT), which will prequalify bidders according to ODOT's Oregon Administrative Rules and prequalification procedures.

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

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

ODOTProcurementOfficeConstruction@odot.oregon.gov

Replace the bullet that begins "If delivered by mail..." with the following bullet:

If delivered by mail or parcel delivery service, the application shall be sent to:

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

00120.40(f) Disclosure of First-Tier Subcontractors – Replace the paragraph beginning "If no subcontracts subject to the above..." with the following paragraph:

If no subcontracts subject to the above disclosure requirements are anticipated, a Bidder shall so indicate by entering "NONE" or by filling in the appropriate check box. For each Subcontractor listed, Bidders shall provide all requested information. Failure to submit a form or submission of a form that does not include the information required by ORS 279C.370 for each Subcontractor listed, specifically the name of each Subcontractor, the dollar amount of each subcontract and the category of Work that each Subcontractor will perform, will result in the rejection of the Bid. The Agency is not required to determine the accuracy or the completeness of the Subcontractor disclosure. See ORS 279C.370 and OAR 731-005-0420.

00120.70 Rejection of Nonresponsive Bids – Delete the following bullet:

- The Bidder has not complied with the DBE requirements of the solicitation.

Replace the bullet beginning “The Agency determines . . . “with the following bullet:

- The Bid is found to be Mathematically Unbalanced and Materially Unbalanced.

SECTION 00130 – AWARD AND EXECUTION OF CONTRACT

Comply with Section 00130 of the General Conditions modified as follows:

00130.00 Consideration of Bids - Replace the paragraph that begins “The Agency reserves...” with the following paragraph:

The Agency reserves the right to waive minor informalities and irregularities, seek clarification of any Bid or response that, in its sole discretion, it deems necessary or advisable, and to reject any Bids for irregularities under 00120.70 or all bids for good cause after finding that it is in the public interest to do so (ORS 279C.395). The Agency may correct obvious clerical errors, when the correct information can be determined from the face of the documents, if it finds that the best interest of the Agency and the public will be served thereby.

SECTION 00140 - SCOPE OF WORK

Comply with Section 00140 of the General Conditions.

SECTION 00150 - CONTROL OF WORK

Comply with Section 00150 of the General Conditions modified as follows:

Add the following subsection:

00150.23 Electronic Submittals and Requests for Information –The contractor shall create a free account in the Agency’s Construction Management program at:

<https://connex.rtvision.com/contracts/awarded>.

The instructions to set up the account are available at:

[Creating a ConneX Account - bidVAULT and ConneX - RTVision Wiki](#)

Each organization can have multiple accounts under that organization. Once contractors add their organization, we will link them to the existing organizations already setup in our site/database and linked to active contracts since we have migrated data to 'connect'. Access to add submittals/RFIS is all done from the ConneX link above.

00150.50(c) Contractor Responsibilities – 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).

Add the following to the end of the bullet list:

- When power lines overhang the work area, maintain the minimum vertical clearance between power lines and equipment according to the Occupational Safety and Health Administration's "Table A – Minimum Clearance Distances".

Add the following subsection:

00150.50(f) Utility Information - Within the Project limits, there are no anticipated utility conflicts with the utilities listed below.

with the Utilities listed in Table 00150-1. The Contractor shall contact those Utilities having buried and overhead facilities and request that they locate and mark them for their protection prior to construction.

Table 00150-1

Utility	Contact	Phone	email
PGE	Scott Graham	Cell: 503-510-5340 Desk: 503-463-4321	scott.graham@pgn.com
St. Paul Telephone	Joel Halter	503-633-2111	joel@stpaultel.com
DataVision	Jason Riggs	503-792-3611	jriggs@datavision.coop

Coordinate with the following utility before relocating irrigation line crossing as shown on the plans:

Utility	Contact	Phone	email
Coleman Agriculture	Steve Bauer	916-765-6814	Steve@colemanag.com

Contractor shall coordinate work so that the irrigation water shutdown is no longer than 24 hours.

SECTION 00160 - SOURCE OF MATERIALS

Comply with Section 00160 of the General Conditions.

SECTION 00165 - QUALITY OF MATERIALS

Comply with Section 00165 of the General Conditions modified as follows:

00165.10(a) Field-Tested Materials – Add the following sentence at the end of this subsection:
Material testing will be according to Section 5 of the MFTP for a Type D Project.

SECTION 00170 - LEGAL RELATIONS AND RESPONSIBILITIES

Comply with Section 00170 of the General Conditions modified as follows:

00170.03 Furnishing Right-of-Way permits – At the end of this subsection add the following:
Agency Provided Permits - Marion County will provide the ODOT Work in Right-of-Way permit No. 03M49758 for OR 219.

00170.08 Electronic Document Management - Add this subsection:

The requirements of this Subsection do not apply to claims. Claims must be submitted on paper documents according to Section 00199.

The contractor shall create a free account in the Agency's Construction Management program, ConneX, at their website (see 00110.05(e)). The instructions to set up the account can be found there.

Each organization can have multiple accounts under that organization. Once contractors add their organization, the Agency will link them to their active contracts Material submittals, requests for information (RFIS), certified payroll, and civil rights submittals will all be done from the ConneX link site.

Following Notice to Proceed, the Contractor shall submit all documents for this Contract to the Agency in an electronic format using ConneX. No paper documents, faxes or other similar paper methods or media are permitted, unless otherwise allowed or directed by the Engineer. The Contractor shall be solely responsible for submitting documents to the Agency using ConneX for itself and for Subcontractors, Suppliers, vendors and other third parties. Only documents submitted by the Contractor and recorded in ConneX as received will be considered valid and received by the Agency.

Documents submitted according to this Subsection, from the Agency to the Contractor and from the Contractor to the Agency, are official documents for the Contract and will be accepted as such by both parties.

By submitting documents that originate from the Contractor to the Agency using ConneX, the Contractor is certifying that the documents are true and accurate and that if the document was required to be signed, it has been signed by a person with appropriate authority. By submitting documents to the Agency using ConneX that originate from a Subcontractor, Supplier, vendor, manufacturer or other third party, the Contractor is certifying that the documents are a true and complete copy of the documents the Contractor received, that if the document was required to be signed, it has been signed, and that the Contractor does not know, nor does it have reason to believe, that the documents are not true and accurate or signed by a person without appropriate authority.

In the event of a conflict between this Subsection and the Standard Specifications or other Special Provisions, this Subsection shall control except for 00199.30.

Costs associated with obtaining and maintaining access to ConneX and the use of ConneX are Incidental to Mobilization.

Failure to submit documents electronically, as required by this Subsection, may result in payments being withheld according to 00195.50(e).

The Contractor shall be responsible for causing access to ConneX to be disabled for any Entity or individual that is no longer assigned, employed or under contract in relation to the Project or whose access is to be disabled due to improper activity. The Contractor's obligation to disable access applies to its own officers, employees and agents and to all Subcontractors, Suppliers, vendors and other third parties and their respective officers, employees and agents.

The Agency reserves the right to suspend or disable, or cause to be suspended or disabled, the access to ConneX for any Entity or individual at any time.

Use and access for ConneX is provided "as is". The Agency does not warrant that access to or functioning of ConneX will be error free, uninterrupted or meet the Contractor's needs. The Agency is not responsible for any damage that may occur due to error, omission, lack of timeliness or other malfunction of ConneX or its supporting systems. The Agency disclaims all liability arising from interference or interruption, viruses, telephone faults, malicious damage by anyone, electronic system downtime, overloading of the Internet or sites or any cause beyond the control of the Agency. The Agency reserves the right to temporarily suspend or cause to be suspended access to ConneX, without notice, because of maintenance, repair or any other reason deemed necessary for the proper functioning of ConneX by the Agency or RTVision.

In no event shall the Agency or its members, officers, agents and employees be liable for any claims, suits, actions, losses, liabilities, damages, costs or expenses, including but not limited to attorney fees, of whatsoever nature, resulting from or arising out of the use of ConneX by the Contractor or their respective officers, employees or agents.

The Contractor's indemnification, defense and hold harmless obligations under the Contract shall apply to the terms, conditions and requirements of 00170.08 and to use of ConneX and the acts, errors and omissions of the Contractor and its officers, employees and agents respecting access to and use of ConneX.

(a) User Terms and Conditions - The Contractor shall comply with, shall require its officers, employees and agents to comply with and to require their officers, employees and agents using or accessing ConneX to comply with 00170.08 and the following Additional User Terms and Conditions, all as may be revised from time to time:

As an officer, employee or agent of the Contractor, respecting my use of or access to ConneX, I agree to the following, all as may be revised from time to time:

- The terms, conditions and requirements of 00170.08 of the Contract;
- The following Additional User Terms and Conditions:

My use of and access to ConneX are conditioned on my agreement to, and my compliance with, the foregoing and these Additional User Terms and Conditions.

I may have access to sensitive personnel, business, financial and/or security related information ("Confidential Information") through use of ConneX, and, except to the limited extent necessary to perform my duties, I will maintain its confidential status and will not share, publish or disseminate Confidential Information or other information obtained through ConneX, without regard to how the Agency may treat any such Confidential Information or other information. All information is also subject to the Oregon Public Records law (see 00170.07(d)). In addition, if I know or have reason to believe any information was inadvertently or improperly included in ConneX, I will immediately notify my employer for purposes of notification to the Contractor and the Contractor's notification to Agency.

I will not access any information I am not authorized to use or access and I will not browse or otherwise use or access information, files or documents that exceed the minimum necessary to perform my duties.

If my authorized use of and access to ConneX includes submitting documents into ConneX (or "read-write" access), I will not submit any documents or information into ConneX except those I am authorized to submit and necessary to perform my duties.

I have no expectation of privacy, rights or ownership of anything I may access, create, store, send or receive within ConneX, respecting any documents or information, including but not limited to Confidential Information of any individual or Entity. For audit or system security purposes, the Agency may monitor and/or record all activity conducted within ConneX. This includes but is not limited to the login identification information, times, dates and duration of access, as well as resources or documents accessed.

Unauthorized access or activities that could compromise the system or Confidential Information are strictly prohibited and patterns of unauthorized or unusual activity will result in access being immediately disabled, and possible further investigation.

If a breach of these terms and conditions or a security incident occurs, I will immediately notify my employer for purposes of notification to the Contractor and the Contractor's notification to the Agency.

I will not share my password or other means of access with any other individual or Entity. Violation of this restriction or of any of these other Terms and Conditions will result in my access being immediately disabled.

I understand that my use of and access to ConneX is conditioned on my relationship to my employer and my employer's relationship to one or more of: the Agency, the Contractor or other third party, and that if I am no longer so employed or my employer no longer has such relationship, I will immediately cease my use of and access to ConneX and will immediately notify my employer for purposes of notification to the Contractor and the Contractor's notification to the Agency.

(b) Digital Signatures and Requirements - Unless otherwise allowed or directed by the Engineer:

- For all Change Orders that require signature by the Contractor for this Contract, the Contractor, by a person with appropriate authority, shall sign using a ConneX digital signature.
- Change Orders that require signature by the Contractor, but do not have a ConneX digital signature from the Contractor verifiable by the Engineer, will be considered as not received and of no effect.
- Documents other than Change Orders that contain digital signatures, but do not have a digital signature verifiable by the Engineer, or that were signed by a person without appropriate authority, will be considered as not received and of no effect.
- Notice requirements will not be satisfied and payments may be withheld for any affected Work items until the required documents with verifiable digital signatures have been received.

(c) Electronic Submittal Requirements - Unless otherwise allowed or directed by the Engineer, all documents submitted to the Agency for this Contract that require a signature, other than Change Orders, shall be signed by a person with appropriate authority by applying:

- An original handwritten signature to a document and scanning the document into PDF format;
- An electronic signature to a document and converting the document into PDF format;
- A third-party verifiable digital signature to a PDF document; or
- A ConneX electronic signature when prompted during submission of the document into ConneX.

Documents that require a signature, but do not have a signature in accordance with this Subsection or were signed by a person without appropriate authority; or documents that were signed with a digital signature but are submitted in a form such that the digital signature is not verifiable by the Engineer, will be considered as not received and of no effect. Notice requirements will not be satisfied, and payments may be withheld for any affected Work items until the required documents with compliant signatures have been received.

Unless otherwise allowed or directed by the Engineer, all documents submitted to the Agency for this Contract that do not require a signature shall be submitted using ConneX.

00170.10(g) Paid Summary Report - Replace this subsection, except for the subsection number and title with the following:

The Contractor shall submit a Paid Summary Report to the Engineer certifying payments made to all of its Subcontractors.

The Paid Summary Report shall be completed on an ODOT form provided by the Engineer and submitted to the Engineer within 20 Calendar Days of receipt of payment from the Agency for each month in which payments were made to each Subcontractor.

At the completion of the Project, submit a final Paid Summary Report form that provides the total amounts paid to each Subcontractor.

The Contractor shall require each Subcontractor at every tier to comply with the requirement to submit a Paid Summary Report within 20 Calendar Days of receipt of payment for Work on the Project and submit a final Paid Summary Report that provides the total amounts paid to the Subcontractor for its Work under the subcontract at the completion of the Project or completion of its Work.

00170.61(a) Workers’ Compensation - Replace this subsection with the following:

00170.61(a) Workers’ Compensation and Employer’s Liability - The Contractor shall provide workers' compensation coverage for on-the-job injuries as required by 00170.70(e).

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

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

00170.70(a) Insurance Coverages – Add the following after the first paragraph:

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

SECTION 00180 - PROSECUTION AND PROGRESS

Comply with Section 00180 of the General Conditions modified as follows:

00180.20(d) Disadvantaged Business Enterprise (DBE) – Delete this subsection.

00180.20(e) Trucking - Replace the paragraph that begins "This Section does not apply to..." with the following paragraph:

This Section does not apply to delivery of Materials by or for or from a Supplier. This Subsection applies to all truck hauling of materials not performed with trucks owned (or rented) and operated by the Contractor.

00180.20(e)(1) Trucking - Delete the bullet that begins "Statement specifying whether the services will be provided by a DBE...".

Add the following subsection:

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

Limitations	Subsection
Cooperation with Utilities.....	00150.50
Contract Time.....	00180.50(h)
Right-of-Way and Access Delays.....	00180.65
Closed Lanes.....	40(e)(1)

Special Events.....	0220.40(e)(2)(b)
Limited Duration Road Closure.....	40(f)
Maintenance Under Traffic.....	00620.43
Opening Sections to Traffic.....	00744.51

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

00180.41 Project Work Schedules - Add the following paragraph:

The Contractor shall submit a Type **B** schedule.

Add the following subsection:

00180.50(h) Contract Time - There are two Contract Times on this Project as follows:

1. The Contractor shall complete work to be done under the contract that is required to replace the existing French Prairie Road Bridge No. 5492 and reopen French Prairie Road not later than November 30, 2026.
2. The Contractor shall coordinate water irrigation system relocation work so that the water line is shut down for no more than 24 hours.
3. The contractor shall complete seeding establishment and plant establishment not later than May 1, 2027.

00180.80(d) Basis for Adjustment of Contract Time – Replace the second to the last bullet in this subsection with the following bullet:

Reasonably predictable weather conditions; or

00180.85(b) Liquidated Damages - Replace the first paragraph with the following:

Marion County will sustain damage if the Work required under the Contract is not completed within the specified Contract Time. The actual damage the County will sustain will be impossible to accurately determine. Therefore, the Contractor agrees to pay to the County, not as a penalty but as liquidated damages, any or all of the following:

- (1) The amount of \$1870 for each Calendar Day for failure to complete the work by the date specified in 00180.50(h)(1).
- (2) The amount of \$1870 for each Calendar Day for failure to complete the work as specified in 00180.50(h)(2).
- (3) The amount of \$2805 for each Calendar Day for failure to complete the work by the date specified in 00180.50(h)(3).

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

SECTION 00190 – MEASUREMENT OF PAY QUANTITIES

Comply with Section 00190 of the General Conditions modified as follows.

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

If the scales require manual entry of gross weight information, the Agency may periodically have a representative weigh witness at the scales to observe the weighing procedures. The Contractor shall inform

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

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

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

00190.20(g) Agency-Provided Weigh Technician - Add the following paragraph to the end of this subsection:

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

SECTION 00199 – DISAGREEMENT, PROTESTS, AND CLAIMS

Comply with Section 00199 of the General Conditions.

SECTION 00195 – PAYMENT

Comply with Section 00195 of the General Conditions modified as follows:

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.

00195.10(d) Asphalt Cement Price Adjustment – Delete the pay item:

- Emulsified Asphalt for Tack Coat

SECTION 00196 - PAYMENT FOR EXTRA WORK

Comply with Section 00196 of the General Conditions.

SECTION 00197 - PAYMENT FOR FORCE ACCOUNT WORK

Comply with Section 00197 of the Standard Specifications.

SECTION 00199 - DISAGREEMENTS, PROTESTS AND CLAIMS

Comply with Section 00199 of the General Conditions.

SECTION 00210 – MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

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

00220.01(b) Abbreviations - Delete this subsection.

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

- When performing trench excavation or other excavation across or adjacent to a Traffic Lane on a Roadway having a pre-construction posted speed greater than 35 mph, backfill the excavation, install Surfacing, and open the Roadway to traffic by the end of each work shift. Install a "BUMP" (W8-1-48) sign approximately 100 feet before the backfilled area and a "ROUGH ROAD" (W8-8-48) sign approximately 500 feet ahead of the "BUMP" sign. If this requirement is not met, maintain all necessary lane or shoulder closures and provide additional TCM, including flagging, at no additional cost to the Agency. Do not use temporary steel plating to reopen the Roadway.
- When an abrupt edge is created by excavation, protect traffic according to the "Excavation Abrupt Edge" and the "Typical Abrupt Edge Delineation" configurations shown on the Standard Drawings.
- When paving operations create an abrupt edge, protect traffic by installing a "DO NOT PASS" (R4-1) sign before the Work Area at sign spacing "A" from the TCD Spacing Table" shown on the Standard Drawings. Alternate "ABRUPT EDGE" (CW21-7) signs with appropriate (CW21-8) rider and "DO NOT PASS" (R4-1) signs at 1/2 mile spacings. Install a "BUMP" (W8-1) sign 100 feet prior to the transverse paving edge.

00220.03(b) Closures - Add the following bullet(s) to the end of the bullet list:

Single Lane Closures - One Traffic Lane of traffic may be closed on French Prairie during the following times:

- Daily, Monday through Friday, between 7:00 a.m. and 5:00 p.m.

Add the following subsection:

00220.40(f) Bridge Site Road Closure – The contractor will be allowed to close French Prairie Road between July 14, 2026 through November 30, 2026 to replace the bridge at West Champoeg Creek.

Close the road to traffic at the Bridge site during reconstruction of the Bridge between July 14, 2026 and November 30, 2026. Do not close the road until all Materials and Equipment are on hand or guaranteed to be delivered so that the Work can be done in an efficient manner with a minimum period of road closure.

The road closure will not be allowed until the area and the detour route are signed according to the TCP and the requirements of Section 00221 and Section 00222.

Add the following subsection:

00220.41 Bridge Work - Temporarily taper or bevel longitudinal and transverse grade changes or drop-offs resulting from grading and paving and membrane waterproofing Work with asphalt concrete mixture to provide a smooth and safe transition. Construct tapers according to 00620.40.

Add the following subsection:

00220.45 Load Restrictions on Bridges - For Structure No. 05492, limit the combined weight of construction vehicles, Equipment, and daily Material usage to 65,000 pounds for every 1,000 square feet of surface area plus the weight of long term storage of Materials to 25,000 pounds for every 100 square feet of surface area of the Bridge or a total of 100,000 pounds total, whichever is less.

The Contractor may request alternate loadings by submitting, 30 Calendar Days before proposed loadings, stamped loading calculations and data according to 00150.35.

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

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

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

- Keep surfaces being used by Public Traffic free of all dirt, mud, gravel, materials, and debris.
- Repair damage to surfaces caused by the Contractor's operations.
- Maintain all detour and stage construction Surfacing as specified or directed.

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

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

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

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

SECTION 00221 - COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

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

- Install "ROAD WORK AHEAD" (W20-1-48) signs with a 36 by 24-inch "FINES DOUBLE" (R2-6aP) rider, according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans except do not install the "FINES DOUBLE" rider on concrete barrier mounted signs.

- Install beyond each end of the Project, facing outgoing traffic, an "END ROAD WORK" (CG20-2A-24) sign a distance of $(A \div 2)$ according to the "TCD Spacing Table" shown on the Standard Drawings or as modified by the Plans.
- Install two sign flag boards, as shown on the Standard Drawings, above the following detour and road closed advance warning signs, where applicable:
 - "ROAD CLOSED AHEAD", "ROAD CLOSED 1000 FT", "ROAD CLOSED 500 FT" (W20-3) signs.

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

- At least seven Calendar Days before the road closure, place two PCMSs at either end of the closure displaying the following message as shown, or as directed:

Panel 1
French Prairie Road
Closed

Panel 2
CLOSURE
(Time Frame)
(Time Frame)

SECTION 00223 - WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

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

00223.80(a)(1) Traffic Control Supervisor – No measurement of quantities will be made for Traffic Control Supervisor.

00223.90 Payment – Delete the following bid item

(b) Traffic Control Supervisor.....Each or Hour

SECTION 00245 - TEMPORARY WATER MANAGEMENT

Section 00245, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00245.00 Scope - This Work consists of furnishing, installing, operating, maintaining, and removing temporary water management facilities in regulated Work areas.

00245.01 Abbreviations:

TWM - Temporary Water Management
TWMF - Temporary Water Management Facility
TWMP - Temporary Water Management Plan

00245.02 Definitions:

Temporary Water Management Facility - A TWMP that conveys water around or through Work areas, removes water from Work areas, and treats and discharges water at locations outside Work areas.

00245.03 Temporary Water Management Plan - The Agency TWMP is a concept plan. 28 Calendar Days before beginning Work in regulated Work areas, submit stamped Working Drawings of a Contractor-developed TWMP, according to 00150.35, based on either the Agency's concept plan or an independent plan that meets water quality and environmental guideline requirements and does not negatively affect neighboring properties or water rights.

Include the following minimum information in the TWMP:

- The sequence and schedule for dewatering and re-watering. This sequence and schedule must include when to contact the Engineer prior to dewatering and re-watering.
- How the Work area is isolated from the active stream flow upstream, through, and downstream.
- How the stream flow is routed and conveyed around or through the isolated Work area.
- How fish passage is provided around the Work area, if required.
- How the isolated Work area is de-watered.
- How the pumped water is treated, if necessary, before it is discharged downstream.
- Description of all construction stages, including appropriate contact points for each stage.
- A list of on-site backup Materials and Equipment.
- Provide the name of the TWM Subcontractor (if applicable) and Contractor's superintendent, and their 24-hour contact phone number 10 Days before the pre-Work meeting. If changes in the appointment of the TWM Subcontractor or Contractor's superintendent occur during the term of the Contract, provide written notice to the Engineer within 5 Calendar Days of the change.
- Calculations of water withdraw pump's capacity.
- Details of the proposed water intake screen used to isolate in-water Work area and how it meets the requirements of 00290.34(c)(3).

Any change to the TWMP during construction requires approval prior to implementation.

Obtain the Engineer's written approval before beginning Work in in-water Work areas.

00245.04 Pre-Work Meeting - Before beginning any TWM Work, attend a pre-work meeting at the Project Site with the Engineer no more than 8 Calendar Days prior to implementation of TWM. Required meeting attendees include:

- Engineer
- Contractor
- TWM Subcontractor (if applicable)
- Agency Environmental Coordinator or their appointed representative

The pre-Work meeting agenda typically includes the method of TWM, the TWMP, fish salvage plan and strategy, describe environmental risks, turbidity monitoring, energy dissipation, dewatering and re-watering plan and strategy, site clean-up expectations, and the circumstances under which contacting the Engineer is required.

Materials

00245.10 Materials - Furnish Materials meeting the following requirements:

Concrete Barrie.....	00820.11
Pipe.....	00445.11
Plastic Sheeting.....	00280.14(a)
Sandbag.....	00280.15(a)
Water Intake Screening.....	00290.34(c)

Furnish pumps that are:

- Self-priming.
- Equipped with fish screens
- Equipped with a variable speed governor.
- Equipped with a power source.
- Able to pump water that contains soft and hard solid.

Construction

00245.40 Fish Removal - Qualified Agency, ODFW, or ODOT consultant biologists will remove fish and other aquatic organisms from the isolation Work areas. Coordinate fish removal with the Engineer at least 28 Calendar Days before beginning Work in regulated Work areas. Allow access into the isolation Work areas before, during and after installation of the TWMF to perform the specified tasks as follows:

- **Before Installation of TWMF** - Before any in-water Work, including installing TWMF, qualified personnel will remove fish and other native aquatic organisms from within the proposed isolated Work area.
- **After Installation of TWMF** - After installing TWMF and the reduction of the water level through the isolated Work area has begun, qualified personnel will remove all fish and aquatic organisms as the water level is reduced. Do not completely de-water the isolation area until all fish and aquatic organisms have been removed.

00245.41 Installation - During installation of the temporary water management facility, maintain a downstream water flow rate of at least 50 percent of the upstream water flow rate.

00245.42 Operation - Operate temporary water management as follows:

- Protect fish and fish habitat according to 00290.34.
- Maintain and control water flow downstream of the isolated Work area for the duration of the diversion to prevent downstream de-watering.
- Clean, maintain and repair water intake screening to ensure adequate flows and protection of aquatic organisms.
- In the event of containment failure immediately notify the Engineer so arrangements can be made to remove fish and aquatic organisms from the isolation Work areas prior to the continuation of Work within the ordinary high water limits.

Maintenance

00245.60 Maintenance - Monitor water turbidity according to 00290.30(a)(8).

Finishing and Cleaning Up

00245.70 Removal - Prior to removal of the TWMF, obtain approval from the Engineer after completion of all Work within ordinary high water limits. Remove the TWMF and re-water and restore the stream flow. Maintain downstream water flow during removal of the facility. Staged or metered re-watering may be required and will be determined by the Engineer.

Measurement

00245.80 Measurement - No measurement of quantities will be made for temporary water management facilities.

The estimated quantities of Materials required for the temporary water management facility are:

Temporary Water Management Facility:

Plastic Sheeting.....	100 Square Yard
Sandbags.....	300 Each

Payment

00245.90 Payment - The accepted quantities of temporary water management facilities will be paid for at the Contract lump sum amount for the item "Temporary Water Management Facility".

The location of the facility will be inserted in the blank.

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.

No separate or additional payment will be made for TWMP, maintaining, operating, monitoring, moving, or removing the facility.

Turbidity monitoring will be paid for according to 00290.90.

SECTION 00253 - TEMPORARY WORK ACCESS AND CONTAINMENT

Comply with Section 00253 of the Standard Specifications modified as follows:

00253.00 Scope - Add the following paragraph(s) to the end of this subsection:

On Structure No. 05492, provide temporary work access and containment system for in-water work.

Add the following subsection:

00253.46 Loads Placed on Structure Roadway, Shoulders, and Sidewalks - When a Traffic Lane, Shoulder or sidewalk is closed the following loading may be applied to the Structure(s) in addition to the loading identified in 00253.09:

When a Traffic Lane or Shoulder closures are allowed on Structure No. 05492:

- Equipment, vehicles, and Materials may be placed in the closed:
 - Traffic Lane
 - Shoulder

- Sidewalk
- Equipment, vehicles, and Materials may NOT be placed in or on:
 - Active Traffic Lane
 - No more than one vehicle operating under D.O.T. overload permit will be allowed within the closed area on each span of the Structure.

The combined effect of all loads in the closed area(s) will be limited to the lesser of:

- 17,000 pounds in any 100 square feet of surface area of the Structure;
- Bending moment and maximum shear produced by one lane of HS-15 on the Structure;

SECTION 00280 - EROSION AND SEDIMENT CONTROL

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

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

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

Conditions requiring NPDES 1200 permits are as follows:

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

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

Add the following paragraph to the end of this subsection:

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

Add the following subsection:

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

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

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

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

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

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

00280.16(a) Construction Entrances - Replace the bullet that begins “**Geotextile...**” with the following bullet:

- **Geotextile** - Riprap geotextile meeting the requirements of 02320.20 Table 02320-2. Provide documentation according to 02320.10(c).

00280.16(c) Sediment Fence - Replace the bullet that begins “**Geotextile...**” with the following bullet:

- **Geotextile** - Geotextile meeting requirements of 02320.20 Table 02320-3. Provide documentation according to 02320.10(c).

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

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

00280.30 Erosion and Sediment Control Manager –

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

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

Replace the bullet that begins “Monitor rainfall, snow melt and runoff ...” with the following bullet:
Visually monitor rainfall, snow melt and runoff at the Project Site.

Replace the bullet that begins “Monitor water quality in receiving streams in ...” with the following bullet:
Visually monitor water quality in receiving streams in the vicinity of the Project Site.

Replace the bullet that begins “Monitor water in sediment traps receiving ...” with the following bullet:
Monitor the pH of the water in sediment traps receiving runoff from soils amended with cementitious material for acidity or alkalinity.

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

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

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

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

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

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

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

00280.48 Emergency Materials - Add the following paragraphs after the paragraph that begins "Provide, stockpile, and protect...":

Provide and stockpile the following emergency Materials on the Project Site:

Item	Quantity
Sediment Barrier, Type 3.....	100 FT
Sediment Fence.....	100 FT
Matting Type C.....	50 Sq. Yds.

When emergency materials are used, restock emergency materials within 48 hours of use.

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

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

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

00280.62(b) Rainfall – Add the following to the end of this subsection:

The closest NOAA on-line rain gauge is located at Aurora State Airport:

<https://www.weather.gov/wrh/timeseries?site=KUAO>

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

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

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

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

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

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

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

SECTION 00290 - ENVIRONMENTAL PROTECTION

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

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

Prevent, control, and abate pollution of the environment.

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

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

Add the following subsection:

00290.30(a)(7) Water Quality:- Do not discharge water contaminated by pollutants including sediment, drilling fluids and waste, concrete, grout, or water contained within a work area isolation, into any waters of the State or U.S. or conveyances draining thereto until it has been treated using Materials such as those listed in 00280.15 or 00280.16 or by pumping to a vegetated upland location. Do not allow Project discharges to increase the concentration of any pollutant in the receiving water to a level that exceeds the limits prescribed by OAR 340-041.

- Do not use permanent stormwater quality treatment facilities to treat construction runoff unless prescribed by an ESCP approved under Section 00280.
- If construction discharge water is released using an outfall or diffuser port, do not exceed velocities more than 4 feet per second, and do not exceed an aperture size of 1 inch.
- Implement containment measures adequate to prevent pollutants from entering waters of the State or U.S. Such pollutants include but are not limited to construction and demolition materials, waste spoils, fuel or petroleum products, detergents, silt, welding slag and grindings, concrete sawcutting by-products and sandblasting abrasives.
- Do not allow curing concrete or grout to be submerged within waters of the State or U.S. less than 24 hours after placement, except within work area isolation. Do not end-dump riprap into the waters of the State or U.S. Place riprap from above the ordinary high water line.
- Monitor weather and streamflow forecasts and conditions to anticipate high flows that may unintentionally inundate any portion of the Project Site.
- If high flow conditions occur or are anticipated to occur that may unintentionally inundate any portion of the Project Site, remove all potentially affected Equipment, Materials, and debris from the potential inundation area. Cease Work in the area until water recedes and the risk of further high water events passes. The Engineer retains the authority to temporarily halt or modify the Work in case of excessive turbidity or damage to natural resources.
- If Work in or around waters of the State or U.S. violate permit conditions or any requirement of this subsection, stop such Work and notify the Engineer.

Add the following subsection:

00290.30(a)(8) Meter Turbidity Monitoring - In addition to the requirements of 00280.62(c) to monitor the receiving stream to identify water quality issues, during Work in waters of the State or U.S., implement best management practices (BMPs) to minimize turbidity, and monitor turbidity using a turbidity meter that has been maintained and calibrated according to the manufacturer's specifications and according to the following:

Measure upcurrent and downcurrent turbidity at two-hour intervals and perform work based on turbidity measurements according to the following:

- Take upcurrent samples at a location representative of background turbidity approximately 100 feet from the work area.
- Take downcurrent samples at a location approximately 100 feet from the work area at approximately mid-depth of the water body and within any visible turbidity plume.
- If the downcurrent reading is less than 5 nephelometric turbidity units (NTU) higher than the upcurrent reading, continue to Work and take readings every two hours.
- If the downcurrent reading is greater than or equal to 5 and less than 30 NTU higher than the upcurrent reading, modify work procedures and repair or upgrade BMPs, continue Work, and continue to take readings every two hours. If after four hours the downcurrent reading is still greater than or equal to 5 NTU higher than the upcurrent reading, stop all work in water and repair or upgrade BMPs. Resume work in water only after the downcurrent reading is less than 5 NTU above the upcurrent reading.
- If the downcurrent reading is greater than or equal to 30 and less than 50 NTU higher than the upcurrent reading, modify work procedures, repair or upgrade BMPs and continue Work. If, at the subsequent two-hour reading, the downcurrent reading is still more than 30 NTU higher than the upcurrent reading, stop all work in water and repair or upgrade BMPs. Resume work in water only after the downcurrent reading is less than 5 NTU above the upcurrent NTU reading.
- If the downcurrent reading is 50 NTU or more higher than the upcurrent reading, stop all work in water, repair or upgrade BMPs, and inform the Engineer. Resume work in water only after the downcurrent reading is less than 5 NTU above the upcurrent NTU, as determined by continued readings made no more than two hours apart.
- Document all turbidity monitoring observations on form 734-2755, "Turbidity Monitoring Report", or another form approved by the Engineer. Submit reports to the Engineer weekly during work in water and keep copies of the reports at the Project Site.
- Meter turbidity monitoring may be temporarily suspended if all of the following conditions are met:
 - Temporary water management and work area isolation measures have been installed and are functioning as designed.
 - The Engineer, after consultation with DEQ, has authorized the suspension of turbidity monitoring. The Engineer will provide information to be documented on the turbidity monitoring form, including the date of the DEQ authorization and the name of the DEQ employee providing the authorization.
- Resume the turbidity monitoring protocol if Work during a temporary suspension of meter turbidity monitoring causes a release of a visible turbidity plume.

00290.34 Protection of Fish and Fish Habitat - Add the following paragraph:

Meet with the Agency Biologist, Resource Representative, Engineer, and inspector on site, understand the locations of sensitive biological sites and the measures that are required to be taken to protect them.

00290.34(a) Regulated Work Areas - Add the following to the end of this subsection:

The regulated work area is the area at or below 128.9 feet elevation and within the Ordinary High Water as delineated on the plans.

Perform work within the regulated work area only during the in-water work period. The in-water work period is from June 1 to October 31.

The total volume of material filled or discharged into waters of the State and waters of the U.S. shall not exceed 139 cubic yards.

The total volume of material excavated from the waters of the State and waters of the U.S. shall not exceed 139 cubic yards.

Submit a schedule to complete all work within the regulated work area within the in-water work period at least 10 Days prior to the preconstruction conference.

00290.34(b) Prohibited Operations - Add the following to the end of this subsection:

- Allow entry within the regulated work area or between stations 5+14 and 5+48.

Add the following subsection:

00290.34(c) Aquatic Species Protection Measures Required by Environmental Permits:

(1) General Requirements:

- Do not install fish ladders (for example: pool and weirs, vertical slots, fishways) or fish trapping systems.
- Do not apply surface fertilizer within 50 feet of any stream channel.

Use heavy equipment as follows:

- Choice of equipment must have the least adverse effects on the environment (for example: minimally sized, low ground pressure).
- Secure absorbent material around all stationary power equipment (for example: generators, cranes, drilling equipment) operated within 150 feet of wetlands, waters of the State, waters of the U. S., drainage ditches, or water quality facilities to prevent leaks, unless suitable containment is provided to prevent spills from entering waters of the State or waters of the U.S.
- Do not cross directly through a stream for construction access, unless shown or approved. If shown or approved, cross perpendicular to the stream and do not block stream flow. When a crossing is no longer needed, completely remove the crossing and restore the soils and vegetation to the original condition.
- Store fuel and maintain all equipment in staging areas that are at least 150 feet away from any waters of the State, waters of the U.S., or storm inlet or on an impervious surface that is isolated from any waters of the State, waters of the U.S., or storm inlet.
- If temporary access roads are needed within 150 feet of any body of water, use existing routes unless new routes are shown or approved.
- Before beginning work on temporary access routes that are not shown, submit a proposal to the Engineer for approval.

(2) Work Area Isolation - Provide work isolation according to Section 00245. Provide safe passage around or through the isolated work area for adult and juvenile migratory fish unless passage did not previously exist.

(3) Water Intake Screening - Install, operate, and maintain fish screens on each water intake used for project construction, including pumps used to isolate an in-water work area. When drawing or pumping water from any stream, protect fish by equipping intakes with screens having a minimum 27 percent open area and meeting the following requirements:

- Perforated plate openings shall be 3/32 inch or smaller.
- Mesh or woven wire screen openings shall be 3/32 inch or smaller in the narrowest direction.
- Profile bar screen or wedge wire openings shall be 1/16 inch or smaller in the narrow direction.

Choose size and position of screens to meet the following criteria in Table 00290-1:

Type	Approach Velocity ¹ (Ft./Sec.)	Sweeping Velocity ² (Ft./Sec.)	Wetted Area of Screen (Sq. Ft.)	Comments
Ditch Screen	≤ 0.4	Shall exceed approach velocity	Divide max. water flow rate (cfs) by 0.4 fps	If screen is longer than 4 feet, angle 45° or less to stream flow
Screen with proven self-cleaning system	≤ 0.4	—	Divide max. water flow rate (cfs) by 0.4 fps	—
Screen with no cleaning system other than manual	≤ 0.2	—	Divide max. water flow rate (cfs) by 0.2 fps	Pump rate 1 cfs or less
¹ Velocity perpendicular to screen face at a distance of approximately 3 inches ² Velocity parallel to screen				

Provide ditch screens with a bypass system to transport fish safely and rapidly back to the stream.

(5) Site Restoration - Restore damaged streambanks to a natural slope, pattern, and profile suitable for establishment of permanent woody vegetation unless precluded by pre-project conditions (for example: natural rock substrate):

- Replant all damaged streambanks before the first April 15 following construction.
- If use of large wood, native topsoil, or native channel material is required for the site restoration according to the roadside development plans, stockpile all large wood, native vegetation, weed-free topsoil, and native channel material displaced by construction. Cut trees or large wood and trees into pieces of no less than 20 feet in length, or as shown on the roadside development plans or as directed. Stockpiled native wood and vegetation remain the property of the Agency.
- Stabilize all disturbed soils, including obliteration of temporary access roads, following any break in work unless construction will resume in 4 Calendar Days.

(6) Surface Water Diversions - Surface water may be diverted to meet construction needs other than work area isolation, consistent with Oregon law, only if water from sources that are already developed, such as municipal supplies, small ponds, reservoirs, or tank trucks, is unavailable or inadequate, and meeting the following conditions:

- When alternative surface sources are available, divert from the stream with the greatest flow.
- Install, operate, and maintain a temporary fish screen.
- Do not exceed a pumping rate and volume of 10 percent of the available flow. For streams with less than 5 cubic feet per second, do not exceed drafting of 18,000 gallons per Day. Do not use more than one pump for each site.

(7) Hydro-Acoustic - Unless otherwise shown or approved, steel piling may be installed below the ordinary high water as follows:

- Minimize the number and diameter of pilings, as feasible.
- Repairs, upgrades, and replacement of existing pilings consistent with these conditions are allowed. In addition, up to 5 single pilings or 1 dolphin consisting of 3 to 5 pilings may be added to an existing facility.
- Whenever feasible, use vibratory hammer for piling installation. Otherwise, use the smallest drop or impact hammer necessary to complete the job, and set the drop height to the minimum necessary to drive the piling.
- For all pile installed or removed, maintain a pile installation and removal log and submit the log when the related work is completed. Include types, sizes, locations, installation or removal methods, and dates in the log.
- When using an impact hammer to drive or proof steel piling within a body of water, or as directed, use one of the following sound attenuation devices to effectively dampen sound:
 - Completely isolate the pile from the waters of the State and waters of the U.S. by dewatering the area around the pile according to Section 00245.
 - If water velocity is 1.6 feet per second or less, surround the pile being driven with a bubble curtain that distributes small air bubbles around 100 percent of the piling perimeter for the full depth of the water column and is in accordance to the guidance in the Appendix of The ODOT-FHWA Federal Aid Highway Program Programmatic User's Guide titled *NMFS and USFWS Impact Pile Driving Sound Attenuation Specifications*. The FAHP User's Guide is available on the Agency's website at:

<https://www.oregon.gov/ODOT/GeoEnvironmental/Pages/Manuals.aspx>

- If water velocity is greater than 1.6 feet per second, surround the piling being driven by a confined bubble curtain (for example: a bubble ring surrounded by a fabric or metal sleeve) that will distribute air bubbles around 100 percent of the piling perimeter for the full depth of the water column and is in accordance to the guidance in the Appendix of The ODOT-FHWA FAHP User's Guide titled *NMFS and USFWS Impact Pile Driving Sound Attenuation Specifications*.

(8) Drilling, Boring, or Jacking - If drilling, boring, or jacking is used, the following conditions apply:

- Design, build, and maintain facilities to collect and treat all construction and drilling discharge water using the best available technology applicable to site conditions. Provide treatment to remove

debris, nutrients, sediment, petroleum hydrocarbons, metals, and other pollutants likely to be present. An alternate to treatment is collection and proper disposal offsite.

- Isolate drilling operations from wetted stream to prevent drilling fluids from contacting waters of the State or waters of the U.S.
- Use casing to prevent loss of drilling fluid to the subsurface formation. Do not drill without a containment method to keep drilling fluids and slurry isolated.
- If it is necessary to drill through an over-water bridge deck, use containment measures to prevent drilling debris from entering the stream channel.
- If drilling fluid or waste is released to surface water, wetland or other sensitive environment, cease all drilling pending written approval from appropriate regulatory agencies through the Engineer to resume drilling.
- Recover all waste and spoils if precipitation is falling or imminent. Recover, recycle, or dispose of all drilling fluids and waste to prevent entry into flowing water.
 - Recycle drilling fluids using a tank instead of drill recovery/recycling pits, whenever feasible.
 - When drilling is completed, make attempts to remove the remaining drilling fluid from the sleeve (for example: by pumping) to reduce turbidity when the sleeve is removed.

(9) Treated Wood - Treated wood includes any wood treated with any pesticide or wood preservatives. Do not use lumber, pilings, or other wood products that are treated or preserved with pesticidal compounds below the ordinary high water (OHW) or as part of an in-water or over-water structure, except as described below:

- Store treated wood shipped to the Project out of contact with standing water and wet soil, and protected from precipitation.
- Visually inspect each load and piece of treated wood. Reject for use in or above aquatic environments if visible residues, bleeding of preservative, preservative-saturated sawdust, contaminated soil, or other matter is present.
- Use pre-fabrication to the extent feasible. When field fabrication is necessary, all cutting and drilling of treated wood, and field preservative treatment of wood exposed by cutting and drilling, shall occur above the OHW. Use tarps, plastic tubs, or similar devices to contain the bulk of any fabrication debris, and wipe off any excess field preservative.
- All treated wood structures, including pilings, shall have design features to avoid or minimize impacts and abrasion by livestock, pedestrians, vehicles, vessels, and floats.
- Treated wood may be used to construct a bridge, over-water structure or an in-water structure, with the exception of the work containment system, provided that all surfaces exposed to leaching by precipitation, overtopping waves, or submersion are coated with a water-proof seal or barrier are maintained. Apply and contain coatings and paint-on field treatment to prevent contamination. Surfaces that are not exposed to precipitation or wave attack, such as parts of a timber bridge completely covered by the bridge deck, are exempt from this requirement.
- During demolition of treated wood, ensure that no treated wood debris falls into the water. If treated wood debris does fall into the water, remove it immediately.
- Store removed treated wood debris in appropriate dry storage areas, at least 150 feet away from the regulated work area.

(10) Piling Removal - Remove temporary or permanent piling according to the following:

- Dislodge the piling with a vibratory hammer, whenever feasible.
- Once loose, place the piling onto the construction barge or other appropriate dry storage site.

- a) **Non-Treated Piling** - Use the following methods to remove non-creosote piling:
If a pile in uncontaminated sediment cannot be removed or breaks, cut or push the pile or stump off at least 3 feet below the surface of the sediment and cover with a cap of clean, native substrates that match surrounding streambed materials.
- b) **Treated Piling** - To minimize toxic release, sediment disturbance, and total suspended solids, use the following methods to remove treated piling:
- Install a floating surface boom to capture floating surface debris.
 - Keep all equipment out of the water, grip piles above the waterline, and complete all work during low water and low current conditions.
 - Dislodge the piling with a vibratory hammer, whenever feasible. Do not intentionally break a pile by twisting or bending.
 - Slowly lift the pile from the sediment and through the water column.
 - Place the pile in a containment basin on a barge deck, pier, or shoreline without attempting to clean or remove any adhering sediment.
 - If a pile in uncontaminated sediment cannot be removed or breaks, cut or push the pile or stump at least 3 feet below the surface of the sediment and cover with a cap of clean, native substrates that match surrounding streambed materials.

(11) Ditch and Culvert Cleaning - Complete ditch cleaning, culvert and trash rack cleaning by working from the top of bank, unless work area isolation would result in less habitat disturbance.

- Do not work more than 20 feet upstream or downstream the culvert or trash rack.
- Remove only the minimum amount of wood, sediment, or other natural debris necessary to maintain the facility's function, without disturbing spawning gravel or
- changing the configuration of the original ditch, unless the new configuration is part of the project design.
- Place all large wood, cobbles, and gravels recovered from during culvert and trash rack cleaning downstream from the structure.
- Complete drift removal in the following priority, as directed:
 - Pull and release whole logs or trees downstream.
 - Pull whole logs and trees and place in the riparian area, as directed.
 - Remove whole logs or trees only if roadside development plans have been developed for replacement in-kind.
 - Pull, cut only as necessary, and release logs and trees downstream.

(12) Floating Structures - The following types of over-water or in-water structures are not allowed:

- boat house
- boat ramp made of asphalt
- buoy or float in an active anchorage or fleeting area
- covered moorage

- floating storage unit
- houseboat
- marine
- pier
- non-water related facilities (including staging areas) inside riparian management areas.
- any other over-water structure more than 6-feet wide unless otherwise approved in writing by appropriate regulatory agencies through the Engineer

a) The following conditions apply to over-water or in-water structures:

- Concrete boat ramps that consist of pre-cast concrete slabs below the ordinary high water elevation, and higher elevation portions that are completed in the dry so that no wet concrete that has cured less than 24 hours is allowed to contact any wetland or waters of the State or waters of the U.S.
- Rock may be used to construct a boat ramp footing, or other protection necessary to prevent scouring, down-cutting, or failure of the boat ramp, provided that the rock does not extend further than 4 feet from the edge of the ramp in any direction.
- Any replacement roof, wall, or garage door for covered moorages and boat houses must be made of translucent materials or skylights. In addition, each side, except the door, of the boat house shall have windows at least 4 feet wide installed the length of the boat house, subject to breaks only for structural support.
- An existing marina may be modified within the existing footprint of the moorage, or in the water more than 50 feet from the shoreline and more than 20 feet deep, except do not place structures in areas that support aquatic vegetation or areas where boat operations may damage aquatic vegetation.
- Fit all pilings, mooring buoys, and navigational aids with devices to prevent perching by piscivorous birds.
- Permanently encapsulate all synthetic flotation material to prevent breakup into small pieces and dispersal in water.
- Install small temporary floats less than 7 Calendar Days before a scheduled event, remove them 5 Days after a scheduled event is concluded, and do not leave them in place longer than 21 Calendar Days.
- Install mooring buoys and temporary floats (for example: shellfish traps) more than 300 feet from native submerged aquatic vegetation, more than 50 feet from the shoreline, and in water deeper than 20 feet deep at all times, or as necessary to ensure that gear does not ground out unnecessarily, and boats do not prop wash the bottom.

((14) Injured Fish Notification - If a dead or injured fish is found in the project area, immediately notify the Agency. If the injured fish is in a location where further injury or stress may take place, attempt to move the fish to a safer location, if one is available, near the capture site while keeping the fish in the water and reducing its stress as much as possible. Do not disturb the fish after it has been moved. If the fish is dead or dies while being captured or moved, save the fish and any tags. The Agency will notify appropriate regulatory agencies about the injured or dead fish and provide additional direction to the Contractor.

00290.36(a) Migratory Birds - Add the following to the end of this subsection:

Do not disturb migratory bird nesting habitat (shrubs, trees, and structures), or clear vegetation from March 1 to September 1 of each year without prior written approval from the Engineer. Notify the Engineer, in writing, a minimum of 10 Calendar Days prior to starting activities that could harm nesting birds.

(1) Bird Management - Bird management activities to comply with the Migratory Bird Treaty Act (16 U.S.C. 703 712) will be performed by the Agency. Ensure that the Agency and its permitted agents have access to the project area, as needed to prevent migratory bird nesting. Nesting prevention may include daily bird harassment and the installation and maintenance of devices that exclude birds.

Do not disturb migratory bird nesting habitats (shrubs, trees, and structures), or clear vegetation from March 1 to September 1 of each calendar year without prior written approval from the Engineer. Notify the Engineer, in writing, a minimum of 10 Calendar Days prior to starting activities that could harm nesting birds.

00290.41 Protection of Waters of the U.S. or State - Add the following to the end of this subsection:

Permits have been obtained for this project from the US Army Corps of Engineers (ACOE) and the Department of State Lands (DSL). Keep a copy of ACOE and DSL permits at the project site during construction. Changes to the project that may increase the amount of fill placed or material removed in waters of the U.S. or State, or the acreage of waters impacted are not authorized. The following waters of the U.S. or State are present and have been determined to be unavoidable as indicated in Table 00290-2:

Table 00290-2

Impact Waters of the US or State	Removal Volume (cu yds.)	Fill Volume (Cu yds)	Station	Duration of Impact (Temporary or Permanent)	Area of impact (Acres)
<i>Wetland A – NW Quadrant</i>	25	25	6+00 to 6+70	Temporary	0.016
<i>Wetland B – NE Quadrant</i>	35	35	6+30 to 7+25	Temporary	0.020
<i>Wetland C – Stream Channel</i>	25	25	5+14 to 5+48	Temporary	0.002
<i>Wetland A – NW Quadrant</i>	5	5	6+00 to 6+70	Permanent	0.002
<i>Wetland B – NE Quadrant</i>	50	85	6+30 to 7+25	Permanent	0.020
<i>Wetland C – Stream Channel</i>	5	0	5+14 to 5+48	Permanent	0.001

Add the following subsection:

00290.42 Work Containment Plan - A Work Containment Plan (WCP) is required on this Project for in-water work activity.

Develop and submit a WCP for approval at least 28 Calendar Days prior to mobilization for in-water work activity. Maintain a copy of the WCP on the Project Site at all times during construction, readily available to employees and inspectors. Ensure that all employees comply with the provisions of the WCP. Design the WCP to avoid or minimize disturbance to protected features (sensitive cultural or natural resources, regulated work areas, aquatic life or habitat in regulated work areas) related to Contractor operations.

Before developing the WCP, meet with Agency to review the Contractor's activities that require the WCP to ensure that all parties understand the locations of protected features to be avoided and the measures needed to avoid and protect them.

Notify the Engineer at least 10 Calendar Days before beginning work access or containment construction activities.

The Agency reserves the right to stop Work and require the Contractor to change the WCP methods and Equipment before any additional Contract Work, at no additional cost to the Agency, if and when, in the opinion of the Agency, such methods jeopardize sensitive cultural or natural resources, regulated work areas, or aquatic life or habitat in regulated work areas.

The WCP shall identify how the Contractor's construction operations will protect regulated features during mobilization, construction, maintenance, and demolition. Include a narrative describing compliance with Section 00290 as related to construction, operation, and demolition activities specified in Section 00253. Design, construct, maintain, and remove temporary work access and containment systems according to Section 00253.

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

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

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

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

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

00290.90 Payment - Add the following paragraph(s) to the end of this subsection:

The work containment plan will be paid for at the Contract lump sum amount for the item "Work Containment Plan".

Payment will be payment in full for furnishing all Materials, Equipment, labor, and Incidentals necessary to complete the Work as specified. Payment includes providing and updating the Work Containment Plan.

The accepted quantities of turbidity monitoring will be paid for at the Contract lump sum amount for the item "Turbidity Monitoring".

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

SECTION 00296 - PAINT AND PAINTED MATERIALS

Section 00296, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00296.00 Scope - In addition to the requirements of Section 00290, remove lead, chromium, and cadmium based paints, and materials coated with lead, chromium, and cadmium based paints, according to the following Specifications.

Lead, chromium and cadmium based paints coat the metal railing on the Bridge. Analysis of paint samples collected from this Bridge detected the concentrations of total lead, cadmium, and chromium in the metal paint indicated in Table 00296-3 below:

Table 00296-3

Sample Location and Material	Total Lead (mg/kg)	Total Chromium (mg/kg)	Total Cadmium (mg/kg)
Green metal railing	2.5	0.23	N/A

The Hazardous Materials report documenting these analyses, is available from the Engineer.

Unless otherwise tested, assume that all coatings contain lead, chromium, and cadmium and handle paint and painted materials accordingly during demolition.

00296.03 Submittals - Submit the following documents:

- A job specific written compliance program, according to 29 CFR 1926.62(e)(2), at least 10 Calendar Days before the pre-construction conference. When applicable, include compliance procedures for cadmium and chromium VI, according to 29 CFR 1926.1127 and 29 CFR 1926.1126.
- Modifications to the written compliance program within 7 Calendar Days of the modifications.
- Current employee training certificates and medical surveillance information before beginning work that disturbs paint containing lead, cadmium or chromium.
- Within 48 hours of completing or receiving them:
 - Disposal and recycling facility permits.
 - Transport manifests and bill-of-ladings.
 - All reuse, recycling, and disposal receipts.
 - All analytical test results.

00296.04 Documentation - Include paint and painted materials management and planned reuse, recycling, and disposal information in the pollution control plan. Obtain Engineer approval for the specific reuse, recycling, and disposal methods for all materials before beginning demolition work.

Complete, sign and pay all required fees for all required permits, manifests, and bill-of-lading forms for transport and disposal of the paint and painted materials.

Labor

00296.30 Personnel Qualifications - Provide employees trained in lead awareness, according to 29 CFR 1926.62(l), and also trained according to 29 CFR 1926.1126(j)(2) for chromium and 29 CFR 1926.1127(m)(4) for cadmium, during demolition of painted portions of the Structures.

Construction

00296.40 Handling - Minimize employee exposure to the metals contained in the paint. Provide containment that prevents release of paint chips to the environment. Do not remove or separate paint from painted substrates, unless required to accomplish repair activities.

00296.42 Painted Concrete Debris Management - Reuse, recycle, or dispose of painted concrete debris according to any of the following:

Recycle as New Concrete - Recycle the concrete into new concrete on site or at an off-site fixed facility. Only use concrete containing recycled concrete debris on the Project when testing demonstrates that the mix meets applicable design standards for the intended use and is acceptable to the Engineer. Before beginning on-site crushing, obtain permits required under OAR 340-216-0020 and comply with all the permit conditions.

Recycle as Aggregate - Use as aggregate within the road prism or embankment, only when:

- The concrete debris meets the applicable design standards for the intended use.
 - It is placed on the project between Station ____ and Station ____ as shown.
 - It is placed at least 4 feet above the mean high groundwater table.
 - It is placed more than 50 feet from all surface water body and sensitive environment areas.
 - It will be paved over or will be covered with least one foot of clean fill material.
- **Recycle or Dispose of at Landfill** - Recycle at a permitted municipal solid waste landfill or a permitted construction and demolition landfill as aggregate material for roads or other infrastructures within the landfill area or dispose of at a permitted municipal solid waste landfill or a permitted construction and demolition landfill for disposal.

00296.43 Painted Metal Management - Reuse, recycle, or dispose of painted metal according to any of the following:

Reuse by Others - Provide or sell painted non-structural scrap metal to the following:

- Provide to ODOT for use on other projects.
- Provide to ODOT Maintenance Section.
- Provide or sell to other government Agencies.
- Provide or sell to contractors for their reuse.

Obtain the recipients signature on the attached disclaimer form, acknowledging their awareness that the scrap metal contains lead, chromium, and cadmium based paint before giving them possession.

- **Recycle at Recycling Facility** - Transport the painted scrap metal along with the paint analytical results to a recycling facility. Obtain the recipients signature on the attached disclaimer form, acknowledging their awareness that the scrap metal contains lead, chromium and cadmium based paint.
- **Dispose of at Landfill** - Dispose of the painted scrap metal at a permitted municipal solid waste landfill or a permitted construction and demolition landfill.

Measurement

00296.80 Measurement - No measurement of quantities will be made for Work performed under this Section.

Payment

00296.90 Payment - No separate or additional payment will be made for Work performed under this Section. Payment will be included in payment made for the appropriate items under which this Work is required.

Attachment A
Lead, Chromium, and Cadmium Based Paint Acknowledgement Form

[Contractor] _____
[Bridge Identification] _____
[Description of Scrap Metal] _____

_____ [Recipient] acknowledges that they are aware that metal and materials received from _____ [Contractor] on _____ [Date(s)] may contain lead, chromium, or cadmium based paint. Recipient further acknowledges that it is aware of the risk to human health and the environment posed by exposure to lead, chromium and cadmium based paint. All storage, use, sale, and disposal of materials containing lead, chromium or cadmium based paint and any removal of lead, chromium, or cadmium based paint from the materials by Recipient will be conducted in compliance with all applicable Federal and State statutes and regulations, including but not limited to 40 CFR 262 through 265 and OAR Chapter 340, Divisions 100 through 106. Recipient acknowledges that they are solely responsible for any liability or damages resulting from the storage, use, sale, and disposal of the materials and removal of lead, chromium or cadmium based paint by Recipient and Recipient will indemnify and hold harmless the Contractor and the Oregon Department of Transportation from any such claims of liability or damages.

[Signature] _____
[Title] _____
[Date] _____

SECTION 00305 - CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications.

SECTION 00320 - CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications.

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 except for structure excavation and subgrade stabilization on the excavation basis.

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

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

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

00330.42(c)(3) Embankment Slope Protection - Add the following paragraph to the end of this subsection:

Construct the outer 12 inches of embankments with suitable materials to establish slope stabilization through permanent seeding. If suitable material is not available, provide suitable materials from a Contractor-provided source which conforms to the requirements of 00330.11 or 00330.13 and provides favorable conditions for germination of seed and growth of grass.

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

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

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

00330.92 Kinds of Incidental Earthwork - Add the following bullet(s) to the end of the bullet list:

- Excess material used to widen embankments or flatten slopes according to 00330.41(a)(4).

SECTION 00331 - SUBGRADE STABILIZATION

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

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

Aggregate Base..... 02630.10

SECTION 00350 - GEOSYNTHETIC INSTALLATION

Comply with Section 00350 of the Standard Specifications.

SECTION 00390 - RIPRAP PROTECTION

Comply with Section 00390 of the Standard Specifications.

SECTION 00440 - COMMERCIAL GRADE CONCRETE

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

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

Cure CGC for a minimum of 7 Calendar Days by one of the following methods:
Cover with wet burlap, canvas, Sand, or other acceptable Material, and keep moist.
Apply curing compounds at a rate of not less than 1 gallon per 150 square feet. Do not use on surfaces that come into contact with adjacent pours and avoid overspray on exposed reinforcement. Use curing compounds according to the following:

Table 00440-1

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

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

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

Comply with Section 00445 of the Standard Specifications.

SECTION 00470 - MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications.

SECTION 00480 - DRAINAGE CURBS

Comply with Section 00480 of the Standard Specifications.

SECTION 00501 - BRIDGE REMOVAL

Comply with Section 00501 of the Standard Specifications.

SECTION 00510 - STRUCTURE EXCAVATION AND BACKFILL

Comply with Section 00510 of the Standard Specifications modified as follows:

00510.04(a) Defined Shoring Systems – Replace the sentence that begins “Select Shoring systems...” with the following sentence:

Select Shoring systems for construction from the list of defined Shoring systems provided in Section 16.3.26 of the ODOT GDM.

00510.80(b)(1) Lump Sum - Add the following to the end of this subsection:

The estimated quantity of Structure excavation is:

Location	Structure Excavation (Cubic Yard)
South Abutment	150
North Abutment	145

00510.80(d)(1) Lump Sum - Add the following to the end of this subsection:

The estimated quantities of granular wall backfill and granular structure backfill are:

Location	Granular Structure Backfill (Cubic Yard)
South Abutment/Approach	280
North Abutment/Approach	280
Sheet Pile Wall	30

SECTION 00520 - DRIVEN PILES

Comply with Section 00520 of the Standard Specifications modified as follows:

00520.11 Engineer's Estimated Length List - Add the following to the end of this subsection:

The Engineer's estimated lengths of steel piling are:

Location	Number	Length (feet)	Type and Size	Coating Top Elevation¹	Coating Bottom Elevation¹
Bent 1	8	52	PP16x0.5	N/A	N/A
Bent 2	8	52	PP16x0.5	N/A	N/A

¹ Protective coating system and color requirements according to 00594.10.

00520.20(d)(3) Wave Equation Method - Add the following paragraph and table(s) to the end of this subsection:

The input values for the wave equation analyses are:

Bent	Pile Type	Pile Length * (Feet)	Quake (Inches) Skin	Quake (Inches) Toe	Damping (sec./ft.) Skin	Damping (sec./ft.) Toe	% skin (ITYS)	R_n (kips)
1	PP16x0.5	52	0.1	0.3	0.15	0.15	15	246
2	PP16x0.5	52	0.1	0.3	0.15	0.15	15	246

* These pile lengths are based on the top of the pile being at the finished cutoff elevation. All additional pile length above the cutoff elevation, that may be required to accommodate the Contractor's pile installation method or site conditions, shall be added to the lengths listed above and appropriate changes made to the skin friction distribution input listed below.

Use triangular skin friction distribution.

00520.43(c) End Treatment - Add the following sentence to the end of this subsection:

Drive steel pipe piles closed-ended with tip treatment as shown.

Add the following subsection:

00520.47 Concrete Filling of Steel Piles (CFST)

(a) General - Fill driven steel pipe piles with concrete in accordance with this Special Provision. Perform placement by tremie or pump, bottom-up, continuous, and non-segregating, consistent with procedures in Section 00512.47 (modified herein for piles). Provide a Concrete Placement Plan for Engineer review at least 14 days before work.

(b) Conditions of Placement - Dry, sealed shell: Place by tremie or pump, discharge at or near the pile tip; place from the bottom up without interruption.

Wet or potentially wet conditions (water or inflow): Use tremie placement maintaining a continuous positive head of concrete. Keep tremie discharge embedded below the rising concrete surface. Do not raise the tremie above the concrete surface at any time during placement.

(c) Pile Preparation - Remove loose scale, standing water, debris, and foreign material from inside the pile. Provide an air relief pathway to prevent air entrapment; keep air relief open during initial fill. Verify pile integrity (no through-wall damage) before filling.

(d) Concrete Materials and Mix - Provide Class 4000 concrete meeting $f'_c = 4,000$ psi at 28 days and ODOT Section 02001/02040 as applicable. Use a non-segregating mix suitable for tremie/pump placement; SCC is permitted if meeting slump flow 20–26 in (ASTM C1611), passing ability, and stability criteria, or use conventional concrete with slump 6–9 in (ASTM C143) with admixtures for pumpability and cohesion. Max nominal aggregate $\leq 3/4$ in unless the Contractor demonstrates clear tremie clearance and non-blocking. Limits: Air 4–7% (unless SCC otherwise justified), temperature 50–90°F at placement (contractor may propose thermal control plan for out-of-range).

(e) Equipment and Procedures - Tremie/pump line internal diameter ≥ 8 in (or as required by mix) and free of sharp bends; fitted with a plug or seal to prevent water intrusion at start. Begin placement with the tremie sealed; discharge at pile tip; maintain continuous, non-stop placement until reaching the specified top-of-fill elevation. Maintain a stable, uniform rise of concrete; control rate of rise to avoid segregation, air entrapment, or excessive pressures. Do not vibrate externally; internal consolidation is not required for SCC and generally not permitted for tremie placements. For conventional concrete in dry shells, use minimal internal vibration only if it does not risk segregation or blockage and is pre-approved by the Engineer.

(f) Fresh Concrete Testing (per placement day) - Perform the following for each truck (or at least one set per 20 CY, whichever is more frequent):

Slump (ASTM C143) or Slump Flow (ASTM C1611) for SCC

Air content (ASTM C231 or C173)

Temperature (ASTM C1064)

Unit weight (ASTM C138) for SCC stability checks (as applicable)

Collect a minimum of one set (4 cylinders) per shift. Maintain placement logs and batch tickets at the site.

(g) Placement Records and Volume Reconciliation - Record start/stop times, tremie embedment, estimated concrete elevation at intervals, and any interruptions. Compare theoretical volume to final volume in log.

(h) Avoidance of Voids - Maintain positive head and tremie embedment; do not allow the discharge to emerge from the concrete.

(j) Acceptance - 28-day cylinder breaks $\geq 4,000$ psi.

(k) Submittal Prior to Placement - Concrete Placement Plan shall include mix design, equipment, tremie/pump setup, venting approach, rate of rise control, contingency for interruptions, QC plan, a Mix design with laboratory data (slump/slump-flow, air, strength, stability), and a thermal control plan if ambient or concrete temperatures are expected outside limits.

(I) Estimated Quantity – The estimated quantity of CFST concrete is 50 cubic yards.

00520.80 Measurement – Add the following item to this subsection:

(h) CFST Concrete – No measurement of quantities will be made for CFST concrete. Estimated quantities of concrete are noted in these Special Provisions.

00520.90 Payment – Add the following item to this subsection:

Pay Item	Unit of Measurement
(m) CFST Concrete.....	Lump Sum

SECTION 00530 - STEEL REINFORCEMENT FOR CONCRETE

Comply with Section 00530 of the Standard Specifications modified as follows:

00530.10 Materials - Replace this subsection, except for the subsection number and title, with the following:

Concrete Inserts.....	02513.35
Deformed Bar Reinforcement.....	02510.10
Deformed Bar Reinforcement (Stainless Steel)	02513.10
Dowels.....	02510.50
Dowels (Stainless Steel)	02513.50
Epoxy Coated Reinforcement.....	02510.11
Galvanized Coating.....	02510.30
Headed Bar Reinforcement.....	02510.25
Mechanical Splices.....	02510.20
Mechanical Splices (Stainless Steel)	02513.20
Ties and supports.....	02510.60
Ties and Supports (Stainless Steel)	02513.60
Welded Wire Reinforcement.....	02510.40

00530.41(a) Fabric - Replace this subsection with the following subsection:

00530.41(a) Welded Wire Reinforcement - If welded wire reinforcement is shipped in rolls, straighten it into flat sheets before placing.

00530.41(b) Ties and Supports – Replace the bullet that begins “When stainless steel rebar is specified...” with the following bullet:

- When stainless steel reinforcing is specified, use stainless steel ties and supports meeting the requirements of 02513.60.

Delete the bullet that begins “Tie stainless steel reinforcement ...”.

Delete the bullet that begins “Support stainless steel reinforcement...”.

Replace the bullet that begins "Do not allow direct contact between stainless ..." with the following bullet:

- Do not allow stainless steel reinforcement to directly contact ASTM A1035 CS reinforcement. Do not allow stainless steel reinforcement or ASTM A1035 CS reinforcement in direct contact with other reinforcement with a different type of metal. When stainless steel or ASTM A1035 CS

reinforcing or dowels are located near other reinforcing with a different type of metal, use nylon or polyethylene spacers to maintain a minimum 1-inch clearance between the two metals and bind them with nylon cable ties. Where insufficient space exists to maintain this minimum, either bar may be sleeved with a continuous polyethylene or nylon tube extending at least 1 inch in each direction past the point of closest contact between the two dissimilar bars.

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

- When ASTM A1035 CS reinforcing is specified, use epoxy coated ties and supports meeting the requirements of 02510.60(a).

00530.43 Splicing Welded Wire Fabric – Replace this subsection with the following subsection:

00530.43 Splicing Welded Wire Reinforcement - Overlap sheets of welded wire reinforcement as shown or provide edge and end laps not less than one mesh in width. Securely fasten sheets at the ends and edges according to 00530.41.

00530.80(a) Lump Sum - Add the following to the end of this subsection:

The estimated quantity for uncoated reinforcement in pounds is:

Structure Number	Grade 60
24465	18,200

00530.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of reinforcement will be paid for at the Contract unit price, per unit of measurement, for the following items:

Pay Item	Unit of Measurement
(a) Reinforcement, Grade ____	Lump Sum or Pound
(b) Reinforcement, ASTM A1035	Lump Sum or Pound
(c) Coated Reinforcement, Grade ____	Lump Sum or Pound
(d) Coated Reinforcement, ASTM A1035 ____	Lump Sum or Pound
(e) Stainless Steel Reinforcement, Grade ____	Lump Sum or Pound
(f) Welded Wire Reinforcement, Grade ____	Lump Sum or Pound

In items (a), (c), (e), and (f) the grade of reinforcement will be inserted in the blank.

In items (b) and (d) the ASTM chromium content, "CS", "CM", or "CL" will be inserted in the blank.

Item (a) and (b) include fabricating and placing uncoated reinforcement as specified.

Item (c) and (d) include placing epoxy coated reinforcement as specified.

Item (e) includes fabricating and placing stainless steel reinforcement as specified.

Item (f) includes fabricating and placing welded wire reinforcement as specified.

Payment for reinforcement will be made when the reinforcement is incorporated into the concrete.

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.

No separate or additional payment will be made for clips, wire, separators, wire chairs, or other Material used in fastening the reinforcement in place.

SECTION 00540 - STRUCTURAL CONCRETE

Comply with Section 00540 of the Standard Specifications modified as follows:

Add the following subsection:

00540.10(a) Pigmented Sealer - Furnish a semi-opaque, or opaque, 100% acrylic or acrylic co-polymer resin concrete sealer meeting the following requirements:

Property	Test Method	Requirement
UV Resistance	ASTM D5894	5000 hour exposure
Wind Driven Rain Resistance	ASTM D6904 reference FED TT-P-555B	No visible leaks
Permeance	ASTM E96/E96M or ASTM D1653	Minimum 10 perms
Fungal Growth	FED STD 141	No fungal growth after 21 Days

Provide colors and color samples as shown or directed. Furnish a sealer designated for vertical application when applied to walls. When applied to structures with soffits or overhangs, furnish a sealer that is designated for vertical and overhead application.

Furnish pigmented sealer color that conforms to the following colors:

Light Gray, conforming to SAE AMS-STD-595C color #36375.

Dark Gray, conforming to SAE AMS-STD-595C color #36176.

00540.17(c) Hardened Concrete – Replace the paragraph that begins “Cast and cure...” with the following paragraph:

Cast and cure test specimens according to AASHTO R 100 in 6 inch x 12 inch or 4 inch x 8 inch, single-use plastic molds and test at 28 Days according to AASHTO T 22.

00540.52 Removal of Forms and Falsework, and Subsequent Loading – Replace the paragraph that begins “In determining when to remove ...” with the following paragraph:

In determining when to remove Forms and Falsework, and when to place subsequent loads, the Engineer will consider the Contractor's proposed schedule, the location and character of the Structure, the weather, and other conditions influencing the setting of the concrete. If appropriate, these operations will be controlled by compressive strength tests of cylinders cast by the Contractor and witnessed by the Engineer. Test the cylinders at a recognized testing laboratory at no additional cost to the Agency. Cast and cure cylinders according to AASHTO R 100 (field cured) which is equivalent to the most unfavorable field conditions for the portions of the concrete which the cylinders represent.

00540.53(d) Concrete Coating – Replace the paragraph that begins “Apply either a concrete paint...” with the following paragraph:

Apply either concrete paint or a pigmented sealer as shown or specified. Where a Class 1 or Class 2 surface finish is shown, apply a concrete paint unless specified or shown otherwise.

00540.53(d)(2) Penetrating Concrete Stain or Sealer - Replace this subsection with the following subsection:

00540.53(d)(2) Pigmented Sealer - Prepare concrete surfaces and apply 2 coats of the pigmented sealer according to the manufacturer's recommendations. Follow all recommended curing schedules for newly placed concrete prior to application and for recoat or repair. Monitor and follow all environmental limitations as published by the manufacturer during application, and curing.

00540.80(a)(1) Lump Sum - Add the following to the end of this subsection:

The estimated quantity of concrete is:

Bridge No. 24465

Type and Class	Quantity (Cu. Yd.)
General Structural Concrete, Class 4000	185

SECTION 00545 - REINFORCED CONCRETE BRIDGE APPROACH SLABS

Comply with Section 00545 of the Standard Specifications.

SECTION 00550 - PRECAST PRESTRESSED CONCRETE MEMBERS

Comply with Section 00550 of the Standard Specifications modified as follows:

00550.12(c)(2) Sampling and Testing - Replace this subsection, except for the subsection number and title, with the following:

Obtain a sample from a delivery vehicle, selected at random, during placement in each bed. Test the sample for temperature, slump, density and air content and cast at least three cylinders for testing at 28 Days. Cure the cylinders in a manner similar to the members they represent. Alternately, the cylinders may be cured in a curing chamber correlated in temperature with the concrete in the beds. Leave the cylinders in the bed with the member or in the curing chamber until the member is stripped. After the member is stripped, place the acceptance cylinders in storage in a moist condition according to AASHTO R 100.

00550.46 Release of Prestress - Replace the paragraph that begins "Determine the compressive strength ..." with the following paragraph:

Determine the compressive strength of the concrete to establish time for detensioning by testing standard cylinders cast and cured identically with the member. Cast and test cylinders used to determine release time according to AASHTO T 22 and AASHTO R 100.

00550.51 Keyway Grouting for Slabs, Box Beams, and Integral Deck Members -

Replace the paragraph that begins "After forms have been removed from..." with the following paragraph:

After forms have been removed from slabs, box beams and integral deck bulb tees, sandblast all keyways. Visually verify the surface profile of all prepared surfaces according to International Concrete Repair Institute (ICRI) Guideline 310.2R-2013 *Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings,*

Polymer Overlays, and Concrete Repair - surface profile CSP 3. After the members are in place and the tie rods are tensioned (for slabs and box beams) or welded connections are made (integral deck bulb tee girders), clean the keyways of all foreign material and keep moist for 24 hours before grouting. For slabs and box beams, after the tie rods are tensioned, seal the space remaining at the bottom of the keyways with a backer rod as shown before grouting.

SECTION 00582 - BRIDGE BEARINGS

Comply with Section 00582 of the Standard Specifications.

SECTION 00587 - BRIDGE RAILS

Comply with Section 00587 of the Standard Specifications modified as follows:

00587.80 Measurement - Add the following to the end of this subsection:

The estimated quantity of bridge rail is:

Quantity Structure	Rail Type	(Foot)
Bridge No. 24465	Type "F" Concrete Rail, 42 in.	41 feet

SECTION 00592 - ROLLED WATERPROOFING MEMBRANE

Comply with Section 00592 of the Standard Specifications.

SECTION 00596E - SHEET PILE RETAINING WALLS

Section 00596E, which is not a Standard Specification, is included in this Project by Special Provision.

Description

00596E.00 Scope - This Work consists of furnishing and constructing permanent sheet pile retaining walls composed of furnishing and driving steel sheet piles, top-down wall excavation, and wall drainage system.

Select the driving method and Equipment, and construction procedures to meet the requirements of these Special Provisions, subject to the review and approval of the Engineer.

00596E.02 Submittals - Submit Working Drawings, Equipment lists and other submittals according to 00150.35 and 00150.37.

(a) Unstamped Submittals -

(1) Sheet Pile Retaining Wall Work Plan including:

- Construction sequence.

- Descriptive data and operating procedure for driving and other Equipment to be used.
- Sheet piling shape, area properties and steel grade.
- Drain system details.

(2) Materials certificates of compliance and quality compliance documents size, grade and strength of Materials to be used.

(3) Shop assembly and erection details, including:

- Plan and profile views with sheet pile locations shown and numbered.
- Indicate all welds by standard welding symbols of the AWS A2.4.
- Means of fastening wire mesh at weepholes.

Clearly indicate by flagging and clouding any changes, additions or alterations to submittals that are deviations from the Contract documents or changes to previously approved or accepted submittals. Provide a written explanation of changes accompanying each submittal.

Materials

00596E.10 Permanent Steel Sheet Pile – Provide new, unused structural steel sheet piling of the shape, material and size shown on the approved submittal. Sheet piling shall be ASTM A572, Grade 50. Submit a certified report of test or analysis before or at delivery of steel sheet piling.

00596E.11 Backfill Behind Sheet Piling - Provide open graded aggregate backfill meeting the requirements of Section 02630.11 to the dimensions shown on the plans.

00596E.12 Subsurface Drains - Provide subsurface drainage pipe and drainage geotextile as shown and according to Section 00430.

00596E.12 Stainless Steel Wire Mesh - Provide 10 mesh stainless steel wire mesh with 0.025 inch wire diameter meeting the requirements of AISI 316 at weepholes.

Equipment

00596E.20 Driving Equipment – Furnish sheet pile driving equipment capable of driving the sheet piles to the required minimum tip elevation shown on the plans. The engineer may order the contractor not to use pile driving equipment that causes insufficient energy transfer or damages the sheet piles. Drive sheet piles with diesel, air, steam, gravity, hydraulic, or vibratory hammers.

Construction

00596E.40 Driving - Coordinate driving operations to prevent damage or displacement to adjacent facilities due to vibrations or impact. Drive sheeting with a variation of 1/4 inch or less per foot from the vertical or from the batter the plans show. Ensure that the sheet piles are within 6 inches of the plan position after driving. Do not damage sheet piles attempting to correct for misalignment. Remove and replace, or otherwise correct, sheet piles the engineer deems unacceptable. Submit details of planned corrections to the engineer for review and approval before initiating any corrective action. Drive sheet piles to or beyond the required tip elevation the plans show.

00596E.41 Sheet Piles - Furnish and place sheet piling as shown and according to the following:

(a) General - Shop fabricate sheet piling such that no field welding is necessary.

(b) Storage and Handling - Store and handle steel sheet piling in ways that protect them from damage. Bent or kinked piles will be rejected.

(c) End Treatment - Cut pile ends square.

(d) Splices - Do not splice piles unless approved by the Engineer.

(e) Welding - Perform structural steel welding according to Standard Specifications section 00560.26(a) and steel sheet piling welding according to Standard Specification 00520.43(g). Do not begin welding until all the following have been approved by the Engineer:

- Welding Procedure Specification (WPS)
- Procedure Qualification Records (PQR)
- Welder Qualification Test Records (WQTR)
- Material Test Report (MTR)
- AWS Certified Welding Inspector (CWI)

Following completion of all welding, submit the following:

- An inspection report stating that the welding under the Contract was performed according to AWS D1.1 that includes a review of the WPS, a review of welder qualifications, and a report on visual inspection of the welds on the job site. Have a certified welding inspector (CWI) holding QC1 certification as defined in AWS D1.1 sign the inspection report.

(f) Cutoff Lengths - Cut off the tops of all sheet piling square and smooth at the elevations shown or as directed. All cut-off pile becomes the property of the Contractor. Dispose of according to 00290.20.

Position each sheet pile meeting the following tolerances:

- Within 2 inches of the plan location shown, perpendicular to wall face, measured from top of wall face elevation.
- Within 2 inches of the plan location shown, parallel to wall face, measured from top of wall face elevation.
- Within 2 inches of the plan elevation.
- Vertical plumbness tolerance of 1 inch per 10 feet for each axis of the sheet pile.

00596E.44 Wall Drainage Systems - Excavate as necessary to provide drainage system as shown on the plans. Secure geotextile to face of excavation and place drain pipe and wall backfill as shown. Secure wire mesh to back of sheet pile at weepholes with mechanical fasteners as approved by the engineer.

Measurement

00596E.80 Measurement - The quantities of Work performed under this Section will be measured according to the following:

(a) Retaining Wall, Sheet Pile – No measurement of steel sheet piles will be made.

The estimated quantities of Materials for Steel Sheet Piles:

Material
Steel Sheet Piling

Estimated Quantities
8,220 sq. ft

(b) Wall Drainage System - No measurement of quantities will be made for Structure drainage system.

The estimated quantities of Materials for Structure drainage system are:

Material	Estimated Quantities
6 inch Drain Pipe	108 foot
Drainage Geotextile, Type 1	800 sq. ft.
Granular Wall Backfill	31 cu. Yd.

Structure excavation will be measured according to 00510.80.

Payment

00596E.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) Retaining Wall, Sheet Pile.....	Lump Sum
(b) Wall Drainage System.....	Lump Sum

Item (a) includes furnishing, moving, setting up, and removing the driving Equipment to the Project at the various locations on the Project.

Item (b) includes furnishing and installing subsurface drain pipe, aggregate and geotextile.

Structure excavation will be paid for according to 00510.90.

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

No separate or additional payment will be made for welding inspection performed according to 00596E.41(e).

SECTION 00620 - COLD PLANE PAVEMENT REMOVAL

Comply with Section 00620 of the Standard Specifications.

SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS

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

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

Base Aggregate shall be either $\frac{3}{4}$ "-0 or 1"-0 size.

Add the following subsection:

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

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

SECTION 00730 - EMULSIFIED ASPHALT TACK COAT

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

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

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

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

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

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

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

SECTION 00744 - ASPHALT CONCRETE PAVEMENT

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

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

Provide PG64-22 grade asphalt cement for this Project.

Add the following subsection:

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

SECTION 00759 - MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications.

SECTION 00810 - METAL GUARDRAIL

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

00810.11 Posts - Replace this subsection with the following subsection:

00810.11 Posts - Only use wood posts where required by standard plans or details. All other posts shall be steel

SECTION 00842 - FACILITY IDENTIFICATION MARKERS

Comply with Section 00842 of the Standard Specifications modified as follows:

00842.40(a) Stormwater Control Field Facility Markers - Add the following to the end of this subsection:

Install field markers as indicated in Table 00842-1.

Table 00842-1

Facility Station	Type S1 Marker Red (Beginning of Facility)	Type S1 Marker Green (End of Facility)
Sta 2+40 RT	X	
Sta 4+04 RT		X
Sta 3+05 LT	X	
Sta 5+00 RT		X
Sta 5+65 LT	X	
Sta 6+89 LT		X

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

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

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

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

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

Place control points for lines every 40 feet on tangent and every 25 feet on a curve. Place layout transition details at the start of pavement markings, where pavement markings transition into a different pavement marking, and at the end of pavement markings. Using these control points and layout transition details, layout a continuous narrow guideline for each line, along one edge of, or uniformly offset from the intended permanent line location. Do not proceed with installation until the guidelines are approved by the Engineer.

SECTION 00860 - LONGITUDINAL PAVEMENT MARKINGS - PAINT

Comply with Section 00860 of the Standard Specifications.

SECTION 00905 - REMOVAL AND REINSTALLATION OF EXISTING SIGNS

Comply with Section 00905 of the Standard Specifications.

SECTION 00910 - WOOD SIGN POSTS

Comply with Section 00910 of the Standard Specifications.

SECTION 00940 - SIGNS

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

Add the following subsection:

00940.12 Sign Coatings -

Furnish all signs on the Project with a shop-applied anti-graffiti coating on both the background and legend sheeting according to 02910.70, regardless of substrate material.

00940.40 General - Add the following sentence to the end of the paragraph that begins "Fabricate all components...":

For signs that require anti-graffiti coating, fabricate all components of each individual sign with sheeting and anti-graffiti coating from the same supplier to ensure that all components are compatible and are warrantable by the manufacturer.

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

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

No separate or additional payment will be made for anti-graffiti coating of signs.

SECTION 01012 - STORMWATER CONTROL, WATER QUALITY BIOFILTRATION SWALE

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

Description

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

Materials

01012.10 Materials - Furnish Material meeting the following requirements:

Check Dam, Type 2.....	00280.15(a)
Drainage Geotextile, Type 1.....	02320
Facility Field Markers.....	00842.10
Granular Drain Backfill Material.....	00430.11
Slope and Channel Liner Matting.....	00280.14(e)
Riprap.....	00390.11

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

Percent Passing

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

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

Blend the medium compost and soil so that the mixture:

- Is composed of between 20 percent and 25 percent medium compost material and between 75 percent and 80 percent soil material.
- Has a pH between 5.5 and 8.0.
- Does not have clumps greater than 3 inches in any direction.

01012.14 Stone Embankment Material - Furnish stone embankment material meeting the requirements of 00330.16 except:

- Provide a maximum size between 9 inches and 3 inches.
- No large rock fragments are allowed.

01012.15 Slope and Channel Liner Matting - Furnish channel liner matting meeting the requirements of 00280.14(e) for resistance to shear stresses calculated for a 10-year storm event.

Construction

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

(a) Scarify - Scarify the subsoil area a minimum 12 inches deep.

(b) Placement of Water Quality Mixture - Place the water quality mixture in maximum 12 inch Lifts. Compact each Lift with a water filled landscape roller.

(d) Seeding - Seed according to 01030.13.

(e) Slope and Channel Liner Matting - After seeding install slope and channel liner matting as shown or directed.

(f) Check Dams - Install permanent check dams spaced as shown or directed.

(g) Stone Embankment - Key and embed permanent check dams and rock basin flow Spreaders constructed with stone embankment horizontally into side slopes of swale to a depth not less than 12 inches. Where rock basin flow spreaders embed into side slopes, extend stone embankment 6 inches higher on side slope.

01012.41 Facility Field Markers - Install field markers as shown and according to Section 00842.

Maintenance

01012.70 Cleaning - If a stormwater control facility is used for erosion and sediment control, remove all accumulated sediment and debris before completing the facility.

01012.71 Removal - Remove temporary erosion and sediment control features according to 00280.70 only after water quality vegetation has met the establishment requirements of 01030.60.

Measurement

01012.80 Measurement - No measurement of quantities will be made for Work performed under this Section. The estimated quantities of Materials are:

Water Quality Swale Quantities:

Item	Quantity
Excavation.....	175 Cu. Yd.
Water Quality Mixture.....	45 Cu. Yd.
Topsoil.....	130 Cu. Yd.
Check Dam, Type 2.....	10 Each

Field facility markers will be measured according to 00842.80.

Payment

01012.90 Payment - The accepted quantities of Work performed under this Section will be paid for at the Contract lump sum amount for the item "Water Quality Swale".

Excavation will be paid according to 00330.90.

Field facility markers will be paid for according to 00842.90.

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

SECTION 01050 - FENCES

Comply with Section 01050 of the Standard Specifications.

SECTION 01120 - IRRIGATION SYSTEMS

Comply with Section 01120 of the Standard Specifications modified as follows:

01120.49 Backfill - Replace the paragraph that begins "If sufficient suitable backfill Material..." with the following paragraph:

If sufficient suitable backfill Material is not available from trench excavation or other sources on the Project, notify the Engineer. Provide an estimate of imported backfill required, if possible. Unless otherwise shown or specified, imported pipe bedding Material will be authorized according to 00140.30.

SECTION 02001 - CONCRETE

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

02001.15(b)(1) Trial Batch Plastic Properties - Replace the test method that begins "AASHTO T 23..." with the following test method:

AASHTO R 100 or R 39 ³

02001.15(b)(2)(a) Compressive Strength Tests - Replace this subsection, except for the subsection number and title, with the following:

For each trial batch, cast and cure at least three test cylinders according to AASHTO R 100 or AASHTO R 39, in 6 inch by 12 inch or 4 inches by 8 inch single use plastic molds. The use of unbonded caps according to ASTM C1231 is permitted. Test at 28 Days according to AASHTO T 22.

02001.15(b)(2)(b) Flexural Strength Tests - Replace this subsection, except for the subsection number and title, with the following:

For each paving concrete trial batch, cast and cure at least three flexural beams according to AASHTO R 100 or AASHTO R 39. Test flexural beams at 28 Days according to AASHTO T 97.

02001.15(b)(2)(c) Length Change Tests - Replace this subsection, except for the subsection number and title, with the following:

For all HPC mix designs, except for precast or prestressed elements, make at least three specimens from the trial batch for length change testing. Provide sample prisms that have a square, 4 inch by 4 inch Cross Section. Wet cure the samples until they have reached an age of 28 Days, including the period in the molds. Following the wet cure, air store and measure samples according to AASHTO T 160, Section 11.1.2 for 28 Days. Report length change results at total specimen age of 56 Days.

02001.15(b)(2)(d) Permeability Tests - Replace this subsection, except for the subsection number and title, with the following:

For alternate HPC mix designs, select from the following options:

- Make at least three specimens from the trial batch for permeability testing. Prepare, cure, dry and test according to AASHTO T 277. Report permeability in coulombs at 90 Days.
- Make at least two specimens from the trial batch for resistivity testing. Prepare, cure and test according to AASHTO T 358 using the sealed conditioning method. Report resistivity in kΩ·cm at 56 Days.

02001.20(e) Durability - Replace this subsection, except for the subsection number and title, with the following:

For HPC designs the following additional requirements apply:

Test	Test Method	Acceptance Value
Length Change	AASHTO T 160	-0.045% ¹
Permeability	AASHTO T 277	1,000 Coulombs (max.) at 90 Days ²

¹ Not required for precast or prestressed elements.

² Only required for alternate HPC designs. See 02001.30(b)(2). A minimum resistivity of 37.0 kΩ·cm at 56 Days for 4x8 inch cylinders and 29 kΩ·cm at 56 Days for 6x12 inch cylinders are accepted as equal when tested according to AASHTO T 358 using the sealed conditioning method.

02001.30(a) Portland Cement - Replace this subsection, except for the subsection number and title, with the following:

For structural or paving concrete applications use cement according to 02010.10 or 02010.20, excluding Type III. Use Type III cement for precast prestressed concrete.

02001.30(b)(2) HPC Cementitious Composition - Replace this subsection, except for the subsection number and title, with the following:

Cement with SCM proportioned according to 02001.30(b)(1) and with trial batches performed to demonstrate that the proposed alternate mix design provides a maximum of 1,000 coulombs at 90 Days when tested according to AASHTO T 277 or a minimum resistivity of 37.0 k Ω ·cm at 56 Days for 4x8 inch cylinders and 29 k Ω ·cm at 56 Days for 6x12 inch cylinders are accepted as equal when tested according to AASHTO T358 using the sealed conditioning method.

02001.30(f) Synthetic Fiber Reinforcing for Concrete - Replace this subsection, except for the subsection number and title, with the following:

Except for precast or prestressed elements, use synthetic fiber reinforcing from the QPL and according to Section 02045 in all HPC. Use synthetic fiber reinforcing according to the manufacturer's recommendations at the rate designated on the QPL. Fiber packaging is not allowed in the mixed concrete.

02001.40(b) Adjusting Concrete Proportions - Replace the bullet that begins "Large admixture dosage changes..." with the following bullet:

- Large admixture dosage changes, excluding adjustments for air entraining agents and Type A or D water reducers ($\pm$ 25 oz/cubic yard).

02001.60(c) Hardened Concrete - Replace the paragraph that begins "Cast and cure test specimens ..." with the following paragraph:

Cast and cure test specimens according to AASHTO R 100 in 6 inch x 12 inch or 4 inch x 8 inch, single-use plastic molds and test at 28 Days according to AASHTO T 22.

SECTION 02030 – SUPPLEMENTARY CEMENTITIOUS MATERIALS

Comply with Section 02030 of the Standard Specifications modified as follows:

002030.15 Natural Pozzolans - Replace this subsection, except for the subsection number and title, with the following:

Furnish Class N natural pozzolans from the QPL and conforming to AASHTO M 295 or ASTM C1945.

Add the following subsection:

02030.55 Ground Glass Pozzolan - Furnish ground glass pozzolans meeting the requirements of ASTM C1866 Type GS.

SECTION 02080 – GROUT

Comply with Section 02080 of the Standard Specifications.

SECTION 02320 - GEOSYNTHETICS

Comply with Section 02320 of the Standard Specifications.

SECTION 02415 - PLASTIC PIPE

Comply with Section 02415 of the Standard Specifications modified as follows:

02415.40 Polypropylene Pipe – Replace this subsection, except for the subsection number and title, with the following:

Furnish polypropylene pipe and fittings as follows:

- **(a) Non-Pressure Storm Sewers and Culverts** - Furnish polypropylene pipe and fittings for non-pressure storm sewers and culverts from the QPL and meeting the following requirements:

Dual Wall Pipe.....ASTM F2764, ASTM F2881, AASHTO M 330 Type S
Triple Wall Pipe.....ASTM F2764 or AASHTO M 330 Type D
Watertight Joints.....ASTM D3212

- **(b) Non-Pressure Sanitary Sewers** - Furnish polypropylene pipe and fittings for non-pressure sanitary sewers from the QPL and meeting the following requirements:

Dual Wall Pipe.....ASTM F2764
Triple Wall Pipe.....ASTM F2764
Watertight Joints.....ASTM D3212

Properties	ASTM Test Method	Test Value			
		30 mils	40 mils	50 mils	60 mils
Thickness mils (min. ave.) - mils	D5994	nom.	nom.	nom.	nom.
Formulated Density (max) - g/cc	D1505/D792	5%	5%	5%	5%
Tensile Properties (min. ave.)	D 6693				
• break strength - lb/in.	Type IV	30	45	60	75
• break elongation - %		250	250	250	250
2% Modulus - lb/in - (max)	D5323	1200	1800	2400	3000
Tear Resistance (min. ave.) - lb	D1004	11	16	22	27
Puncture Resistance (min. ave.) - lb	D 4833	22	33	44	55
Axi-Symmetric Break resistance Strain (min) - %	D5617	30	30	30	30
Carbon Black Content (range) - %	D4218	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0

**Table 02320-7c Property Values for Non-Reinforced Polyvinyl Chloride (PVC)
Geomembrane Used in Buried Applications**

Properties	ASTM Test Method	Test Value			
		30 mils	40 mils	50 mils	60 mils
Thickness mils (min. ave.) - mils	D5994	nom. 5%	nom. 5%	nom. 5%	nom. 5%
Tensile Properties (min.)	D982				
• break strength - lb/in.		73	97	116	137
• break elongation - %		380	430	430	450
• Modulus at 100% - lb/in		30	40	50	60
Tear Strength (min.) - lb	D1004	8	10	13	15
Dimensional Stability (max change) - %	D1204	3	3	3	3
Low Temperature Impact Pass (°F)	D1790	-20	-20	-20	-20
Specific Gravity (min)	D790	1.2	1.2	1.2	1.2
Water Extraction (max loss) - %	D1239	0.15	0.20	0.20	0.20
Volatile Loss (max loss) - %	D1203	0.70	0.50	0.50	0.50
Soil Burial (max change) - %	G160				
Break Strength		5	5	5	5
Elongation		20	20	20	20
Modulus at 100%		20	20	20	20
Hydrostatic Resistance (min.) - psi	D751	100	120	150	180
Minimum Average Molecular Weight	D8133	400	400	400	400

SECTION 02510 - REINFORCEMENT

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

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

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

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

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

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

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

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

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

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

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

MARION COUNTY DEPARTMENT OF PUBLIC WORKS

PLANS FOR PROPOSED PROJECT
GRADING, STRUCTURES, AND PAVING

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG
CREEK BRIDGE REPLACEMENT

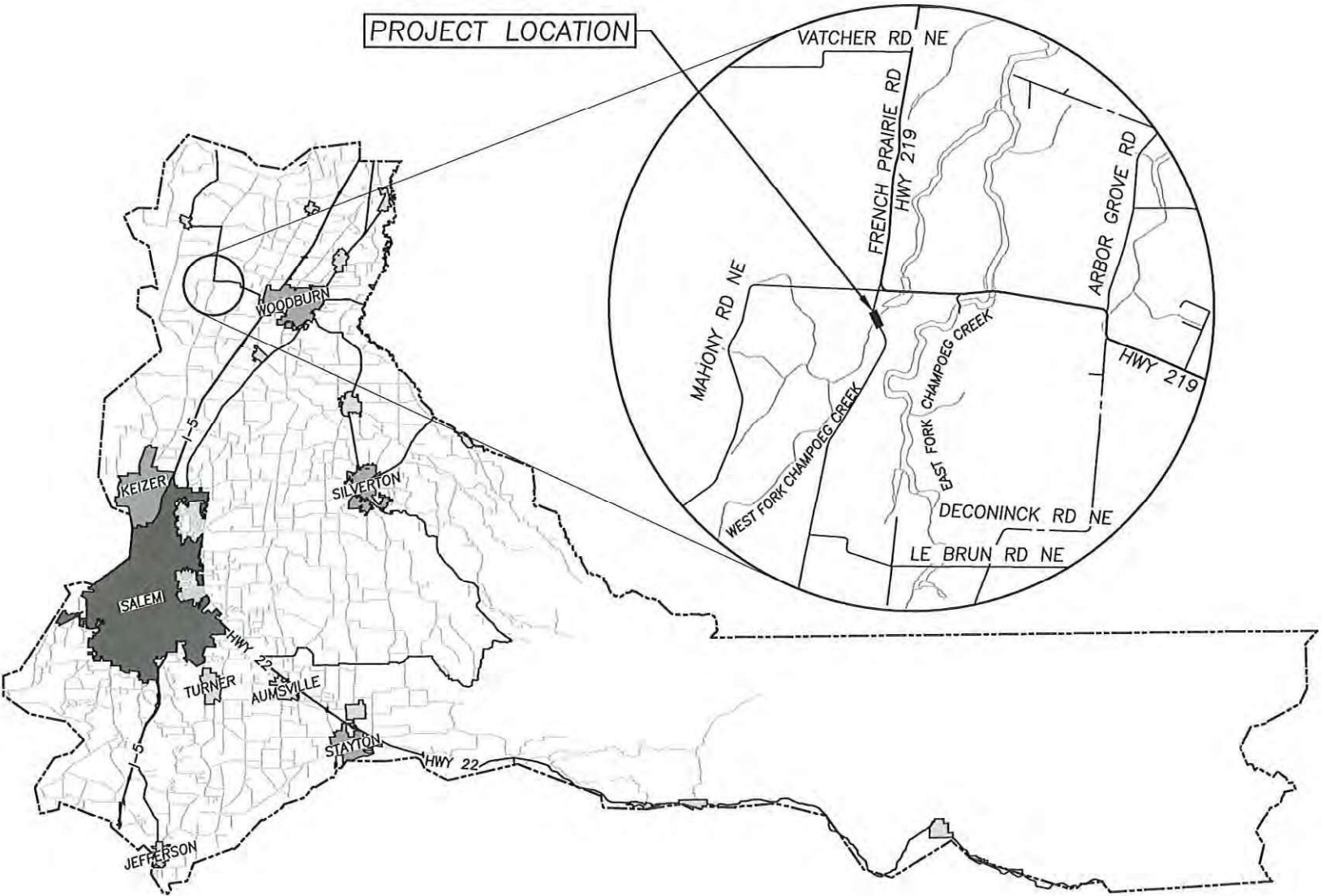
MARION COUNTY, OREGON, MAY 2026

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



REGISTERED PROFESSIONAL
ENGINEER
86,015
OREGON
JANUARY 22, 2012
STEVEN L. PRESZLER

EXPIRES 12-31-2026



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

ATTENTION:
OREGON LAW REQUIRES YOU TO FOLLOW RULES
ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER.
THOSE RULES ARE SET FORTH IN OAR 952-001-0010
THROUGH OAR 952-001-0090. YOU MAY OBTAIN
COPIES OF THE RULES BY CALLING THE CENTER.
(NOTE: THE TELEPHONE NUMBER FOR THE OREGON
UTILITY CENTER IS (503) 232-1987)

THESE PLANS WERE DEVELOPED USING AASHTO DESIGN
STANDARDS. EXCEPTIONS TO THESE STANDARDS, IF ANY, HAVE
BEEN SUBMITTED AND APPROVED BY THE COUNTY ENGINEER.

APPROVING AUTHORITY:
Lani Radtke 5/18/2026
SIGNATURE AND DATE
Lani Radtke, County Engineer
PRINT NAME AND TITLE

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

TITLE:
COVER SHEET

SHEET:
1A

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DRAWING INDEX	
SHEET NO.	DESCRIPTION
1A	COVER SHEET
1A1	DRAWING INDEX & LEGEND
2A	TYPICAL SECTIONS STA 0+95 - 4+05
2A1	TYPICAL SECTIONS STA 4+65 - 6+90
2A2	TYPICAL SECTIONS STA 7+55 - 10+47
B1	FLOW CONTROL DETAILS
B2	SWALE AND SHEET PILE WALL DETAILS
B3	DITCH AND RIPRAP DETAILS
B4	APPROACH GUARDRAIL DETAILS
B5	SUPERELEVATION DETAILS
C01	GENERAL CONSTRUCTION STA 0+00 - 5+30
C02	GENERAL CONSTRUCTION STA 5+30 - 10+47
C01A	STORM PLAN AND PROFILE
C01B	STORM PLAN AND PROFILE
C02A	STORM PLAN AND PROFILE
J01	BRIDGE PLAN AND ELEVATION
J02	GENERAL NOTES
J03	FOUNDATION DATA
J04	FOUNDATION PLAN
J05	DECK PLAN
J06	GIRDER SCHEDULE
J07	BENT PLAN AND ELEVATION
J08	WINGWALL DETAILS
J09	SHEET PILE WALL DETAILS
GA	ESCP COVER
GA1	ESCP NOTES
GA2	PHASE 1 - DEMO AND GRADING
GA3	PHASE 2 - STREET AND UTILITIES
GA4	PHASE 3 - FINAL STABILIZATION
S1	SIGNING & STRIPING NOTES & LEGEND
S2	PERMANENT SIGNAGE
S3	SIGNING & STRIPING PLAN
TC01	DETOUR PLAN
TC02	DETOUR PLAN

GENERAL NOTES

- LENGTHS ON RADIUS DIMS = ARC LENGTH
- CONTRACTOR TO FIELD VERIFY THAT ALL DIMENSIONS AND SLOPES MEET ADA STANDARDS PRIOR TO CONCRETE PLACEMENT; UPON DISCOVERY IMMEDIATELY NOTIFY THE ENGINEER OF ANY NON-COMPLIANT AREAS
- STAGE CONSTRUCTION SO CONTINUED TEMPORARY ACCESS ROUTING IS PROVIDED
(SEE ODOT STD DWG TM844)
- CONTRACTOR SHALL PROVIDE TEMPORARY TRAFFIC CONTROL IN CONFORMANCE WITH THE MUTCD AND THE ODOT TRAFFIC CONTROL PLAN DESIGN MANUAL.

ODOT STANDARD DRAWINGS

BR165 - BRIDGE APPROACH SLAB
BR290 - TYPE "F" CONCRETE RAIL, 42"
BR291 - TRANSITION TYPE "F" CONCRETE RAIL, 42" TO GUARDRAIL
BR410 - 18" PRECAST PRESTRESSED SLAB
BR445 - PRECAST PRESTRESSED BOX AND SLAB DETAILS
RD101 - MAILBOX INSTALLATION
RD300 - TRENCH BACKFILL
RD339 - PIPE TO STRUCTURE CONNECTIONS
RD364 - CONCRETE INLETS TYPE G-1, G-2, G-2M, G2-MA
RD365 - FRAMES AND GRATES FOR CONCRETE INLETS
RD610 - ASPHALT PAVEMENT DETAILS
RD700 - CURBS
RD715 - APPROACHES
RD1010 - INLET PROTECTION TYPE 2, 3, 6, AND 7
RD1015 - INLET PROTECTION TYPE 4
RD1030 - SEDIMENT BARRIER TYPE 2, 3, AND 4
RD1040 - SEDIMENT FENCE
RD1070 - CONCRETE TRUCK WASHOUT
TM200 - SIGN INSTALLATION DETAILS
TM201 - MISCELLANEOUS SIGN PLACEMENT DETAILS
TM206 - SIGN BRACING DETAIL
TM500-504 - PAVEMENT MARKING
TM515 - PAVEMENT MARKERS
TM560 - ALIGNMENT LAYOUT: GENERAL
TM561 - ALIGNMENT LAYOUT: LEFT TURN LANE, CENTERLINE & MEDIANS
TM670 - WOOD POST SIGN SUPPORTS
TM676 - SIGN ATTACHMENTS
TM800 - TABLES, ABRUPT EDGES & PCMS DETAILS
TM810 - TEMPORARY PAVEMENT MARKINGS
TM820 - TEMPORARY BARRICADES
TM821 - TEMPORARY SIGN SUPPORTS
TM844 - TEMPORARY PEDESTRIAN ROUTING
TM850 - 2-LANE, 2-WAY ROADWAYS

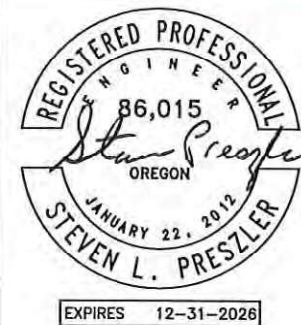
STANDARD DRAWINGS AVAILABLE AT:

<http://www.oregon.gov/ODOT/Engineering/Pages/Standards.aspx>

ABBREVIATIONS

		LVC	LENGTH OF VERTICAL
AC	ASPHALT CONCRETE		CURVE
AD	AREA DRAIN	MH	MANHOLE
AGG	AGGREGATE	MIN	MINIMUM
ASPH	ASPHALT	NOM	NOMINAL
BC	BACK OF CURB	NTS	NOT TO SCALE
BVC	BEGIN VERTICAL	OFF	OFFSET
	CURVE	PED	PEDESTAL
CB	CATCH BASIN	PI	POINT OF
CAB	CABINET		INTERSECTION
CL	CENTERLINE	PL	PROPERTY LINE
CO	CLEANOUT	PROP	PROPOSED
COMP	COMPACTED	PT	POINT
CONC	CONCRETE	PVI	POINT OF VERTICAL
DIA	DIAMETER		INTERSECTION
DW	DRIVEWAY	ROW	RIGHT OF WAY
EG	EXISTING GRADE	SD	STORM DRAIN
ELEC	ELECTRICAL	SF	SEDIMENT FENCE
ELEV	ELEVATION	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	STA	STATION
ESMT	EASEMENT	STD	STANDARD
EVC	END VERTICAL CURVE	TC	TOP OF CURB
EX	EXISTING	TELE	TELEPHONE
FG	FINISHED GRADE	TEMP	TEMPORARY
FL	FLOW LINE	THKN	THICKNESS
IE	INLET ELEVATION	TYP	TYPICAL
IP	INLET PROTECTION	UTIL	UTILITY
JB	JUNCTION BOX	VC	VERTICAL CURVE

-----	EX RIGHT-OF-WAY	---SD---	EX STORM LINE
-----	PROP RIGHT-OF-WAY	---SS---	EX SANITARY LINE
-----	EX PROPERTY LINE	---W---	EX WATER LINE
-----	EX EASEMENT LINE	---W---	EX WATER LINE (ABANDON IN PLACE)
-----	PROP EASEMENT LINE	---G---	EX GAS LINE
-----	TEMP EASEMENT LINE	---P---	EX POWER LINE
---o---o---	EX METAL FENCE	---T---	EX TEL LINE
---x---x---	EX WOOD FENCE	---FO---	EX FIBER LINE
---x---x---	EX WIRE FENCE	---TV---	EX TV LINE
-----	SAWCUT LINE	Ⓟ	EX POWER MANHOLE
.....	CATCH LIMITS	Ⓟ	EX POWER METER
---SF---	SEDIMENT FENCE LINE	Ⓟ	EX POWER VAULT
⊕	INLET PROTECTION	⊕	EX POWER POLE
⊕	ELEVATION BENCHMARK	⊕	EX GUY ANCHOR
⊕	SET CONTROL	⊕	EX LIGHT POLE
⊕	SET MONUMENT	Ⓜ	EX JUNCTION BOX
⊕	FOUND MONUMENT	Ⓜ	EX TEL MANHOLE
Ⓜ	EX SIDEWALK	Ⓜ	EX TEL POLE
Ⓜ	PROP SIDEWALK	Ⓜ	EX TEL VAULT
Ⓜ	PROP THICKENED EDGE WALK	Ⓜ	EX TEL PED
Ⓜ	AC PATCHING	Ⓜ	
Ⓜ	WATER QUALITY FACILITY	Ⓜ	EX AREA DRAIN
Ⓜ	DETECTABLE WARNING STRIP	Ⓜ	EX STORM MANHOLE
Ⓜ	ENGINEERED FILL MATERIAL	Ⓜ	EX CATCH BASIN
Ⓜ	NATIVE FILL MATERIAL	Ⓜ	EX CLEANOUT
Ⓜ	PROP STORM MANHOLE	Ⓜ	EX STORM PIPE
Ⓜ	PROP STORM PIPE	Ⓜ	REMOVE EX STORM PIPE/STRUCTURE
Ⓜ	PROP CURB INLET (CG-2)	Ⓜ	EX SANITARY MANHOLE
Ⓜ	PROP AREA DRAIN	Ⓜ	EX SEPTIC TANK
Ⓜ	PROP DITCH INLET	Ⓜ	EX FIRE HYDRANT
Ⓜ	PROP STORM CLEANOUT	Ⓜ	EX WATER VALVE
Ⓜ	PROP CURB INLET (CG-3)	Ⓜ	EX WATER METER
Ⓜ	PROP SANITARY MANHOLE	Ⓜ	EX WATER BIB
Ⓜ	PROP MAILBOX	Ⓜ	EX WELL
Ⓜ	PROP CLUSTER BOX UNIT	Ⓜ	EX SPRINKLER HEAD
Ⓜ	MILE POST	Ⓜ	EX GAS VALVE
Ⓜ	EX POST	Ⓜ	EX GAS METER
Ⓜ	EX MAILBOX	Ⓜ	
Ⓜ	EX SIGN	Ⓜ	EX SIGNAL POLE
Ⓜ	PROP SIGN	Ⓜ	EX SIGNAL PED
Ⓜ	BORE HOLE LOCATION	Ⓜ	EX SIGNAL CAB
Ⓜ	BUSH	Ⓜ	
Ⓜ	BOULDER	Ⓜ	EX TV PED
Ⓜ	STUMP	Ⓜ	
Ⓜ	EX SURFACE CONTOURS	Ⓜ	EX DECIDUOUS TREE
Ⓜ	PROP SURFACE CONTOURS	Ⓜ	EX CONIFEROUS TREE



MARION COUNTY

**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**

DEPARTMENT OF PUBLIC WORKS

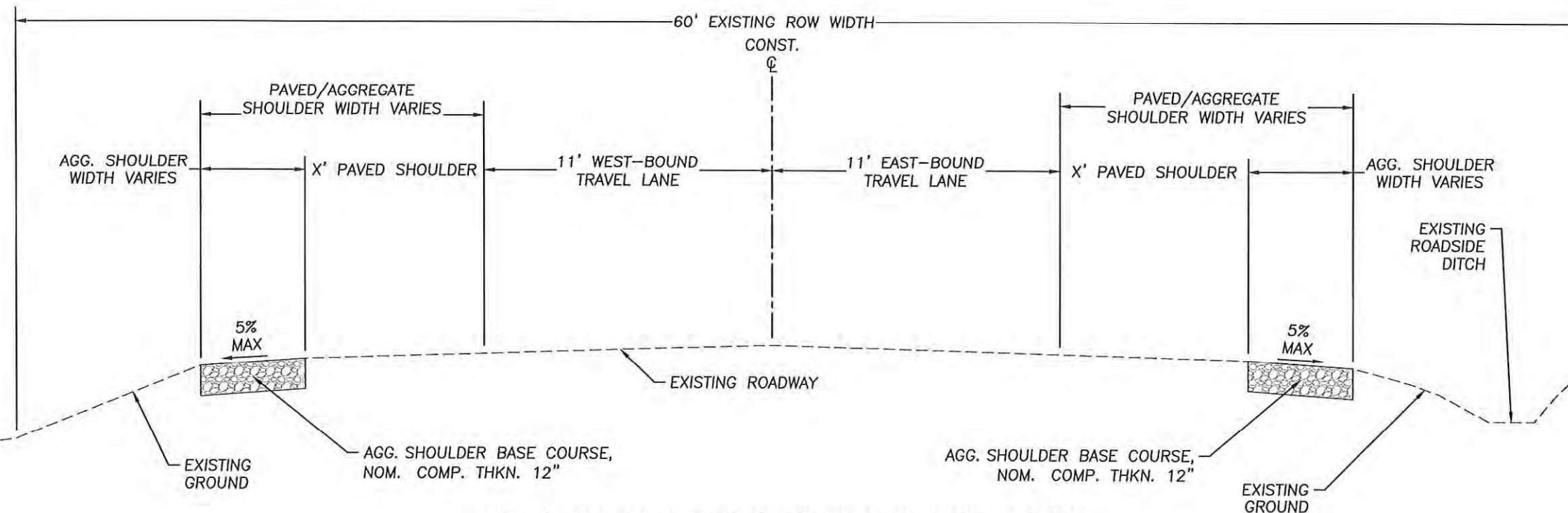
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KEY NO.:	21998
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VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

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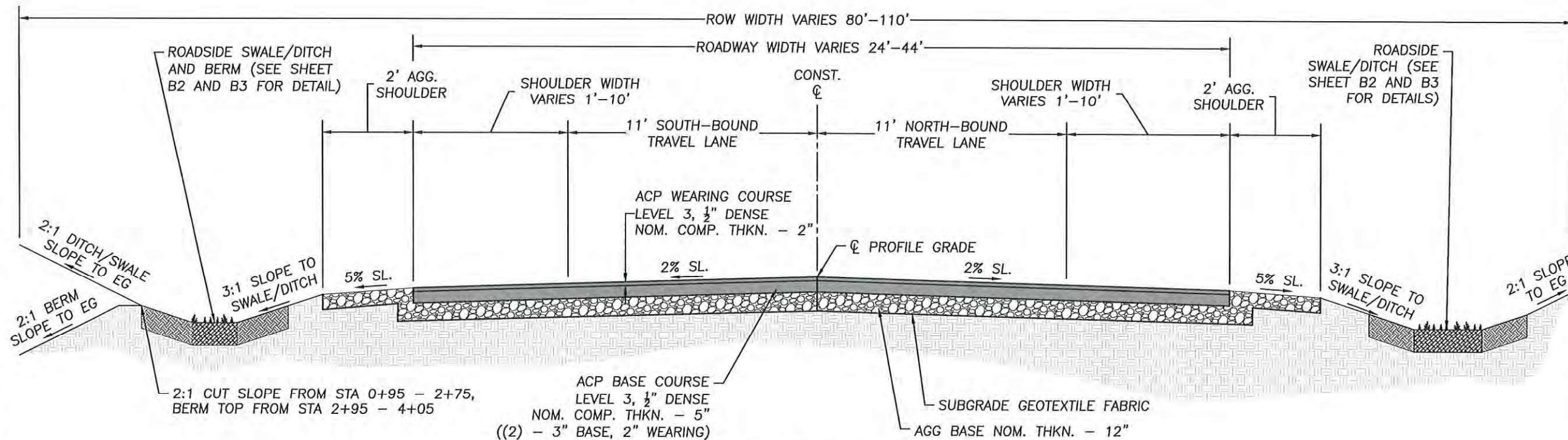
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① GRIND AND INLAY EXISTING ROADWAY STA 0+00 - 0+95
SCALE: N.T.S.



② TYPICAL ROADWAY SECTION STA 0+95 - 2+75, 2+95 - 4+05
SCALE: N.T.S.

GENERAL NOTES:

1. PRIVATE PROPERTY FIELD ACCESS WEST OF ROADWAY BETWEEN STA 2+75 TO 2+95, EAST OF ROADWAY BETWEEN STA 4+05 TO 4+65 (SEE SHEET C01 FOR DETAILS).
2. WITHIN THE GRIND AND INLAY SECTION FROM STA 0+00 TO 9+50, ENSURE EXISTING DITCH TIES INTO REGRADED DITCH BY STA 0+95 (FOR DITCH CONSTRUCTION, SEE SHEETS B3, C01A, AND C01B).
3. BRIDGE DECK TO BE CONSTRUCTED FROM STA 5+05 TO 5+45 (SEE SHEETS J01-J04 FOR DETAILS).

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

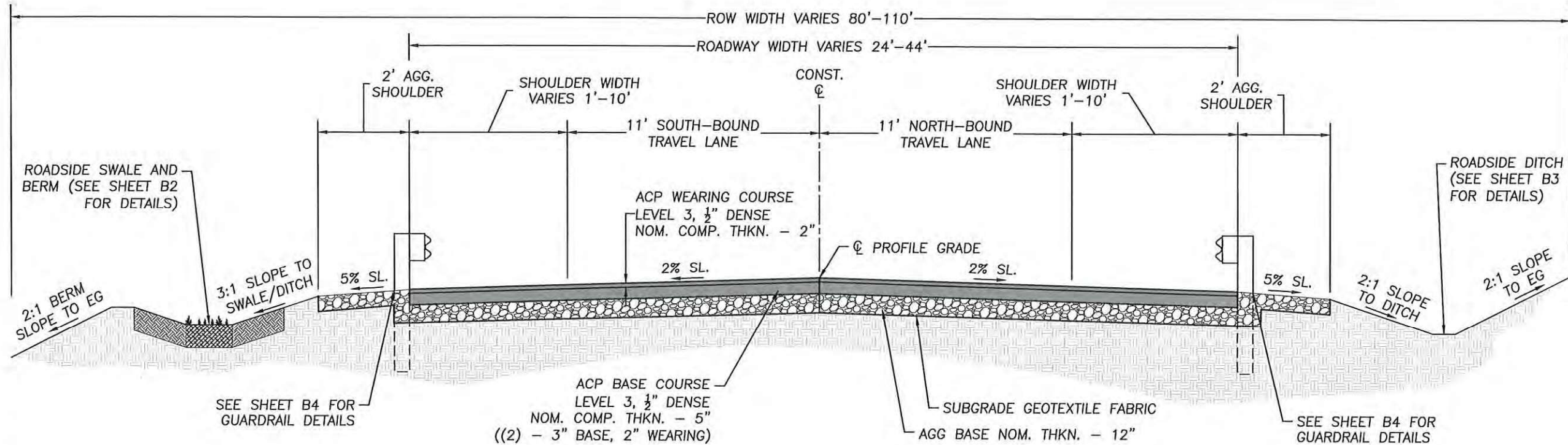
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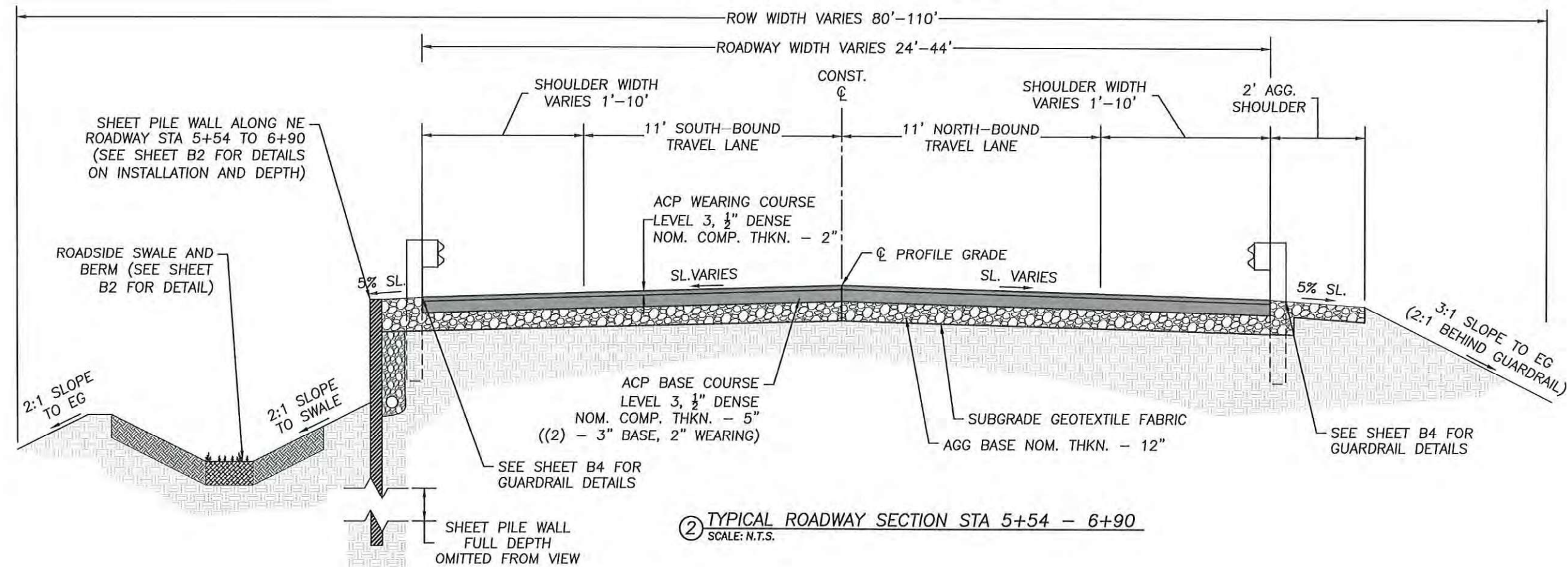
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STA 0+95 -
4+05

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1 TYPICAL ROADWAY SECTION STA 4+65 - 5+05
SCALE: N.T.S.



2 TYPICAL ROADWAY SECTION STA 5+54 - 6+90
SCALE: N.T.S.

GENERAL NOTES:

1. PRIVATE PROPERTY DRIVEWAY WEST OF ROADWAY BETWEEN STA 6+90 TO 7+50 (SEE SHEET C02 FOR DETAIL).
2. BRIDGE DECK TO BE CONSTRUCTED FROM STA 5+05 TO 5+45 (SEE SHEETS J01-J04 FOR DETAILS).



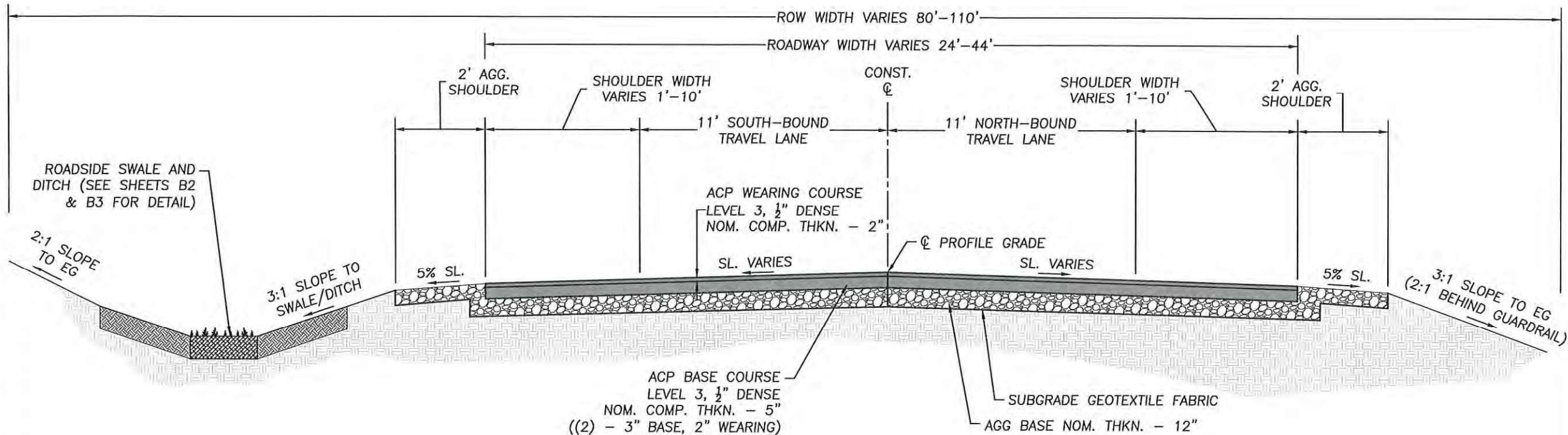
MARION COUNTY
FRENCH PRAIRIE RD: WEST FORK
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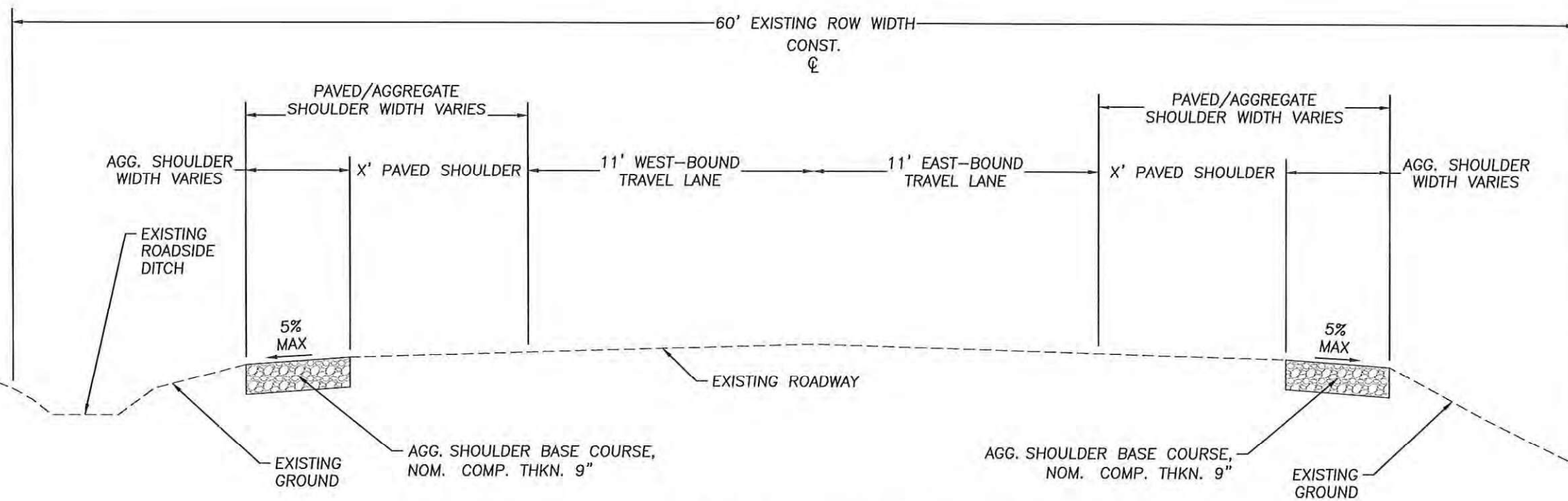
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① TYPICAL ROADWAY SECTION STA 7+55 - 9+50
SCALE: N.T.S.



② GRIND AND INLAY EXISTING ROADWAY STA 9+50 - 10+47
SCALE: N.T.S.

GENERAL NOTES:

1. PRIVATE PROPERTY DRIVEWAY WEST OF ROADWAY BETWEEN STA 6+90 TO 7+50 (SEE SHEET C02 FOR DETAIL).
2. WITHIN THE GRIND AND INLAY SECTION FROM STA 9+50 TO 10+47, ENSURE REGRADED DITCH TIES INTO EXISTING DITCH BY STA 10+47 (FOR DITCH CONSTRUCTION, SEE SHEETS B2, B3, AND C02A).

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



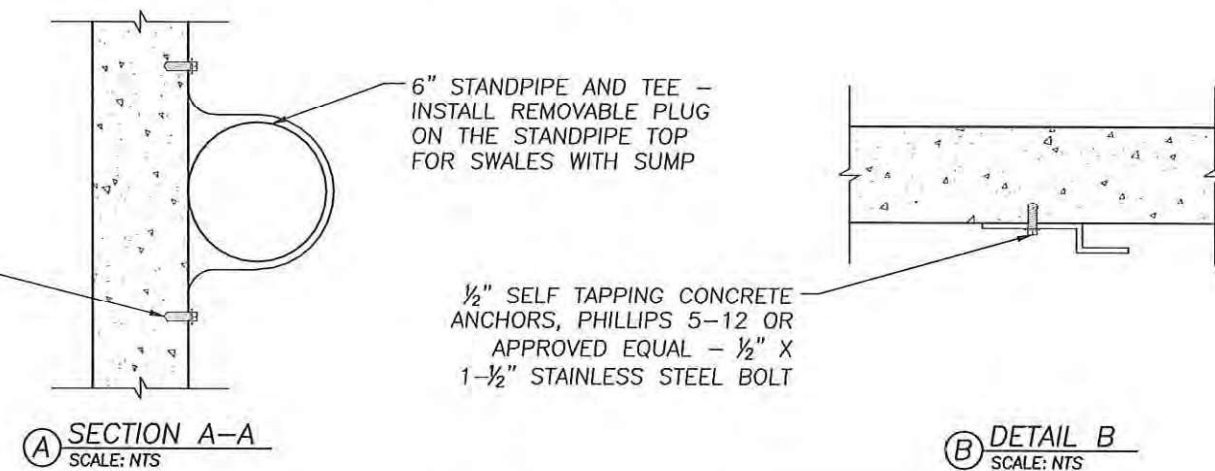
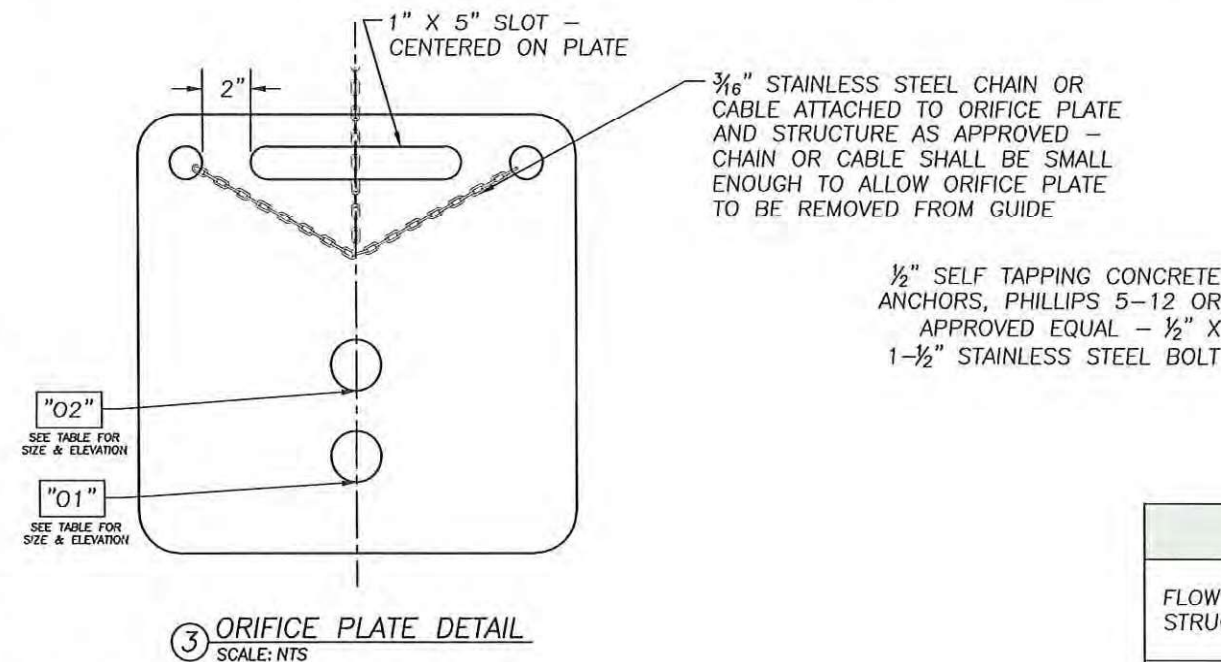
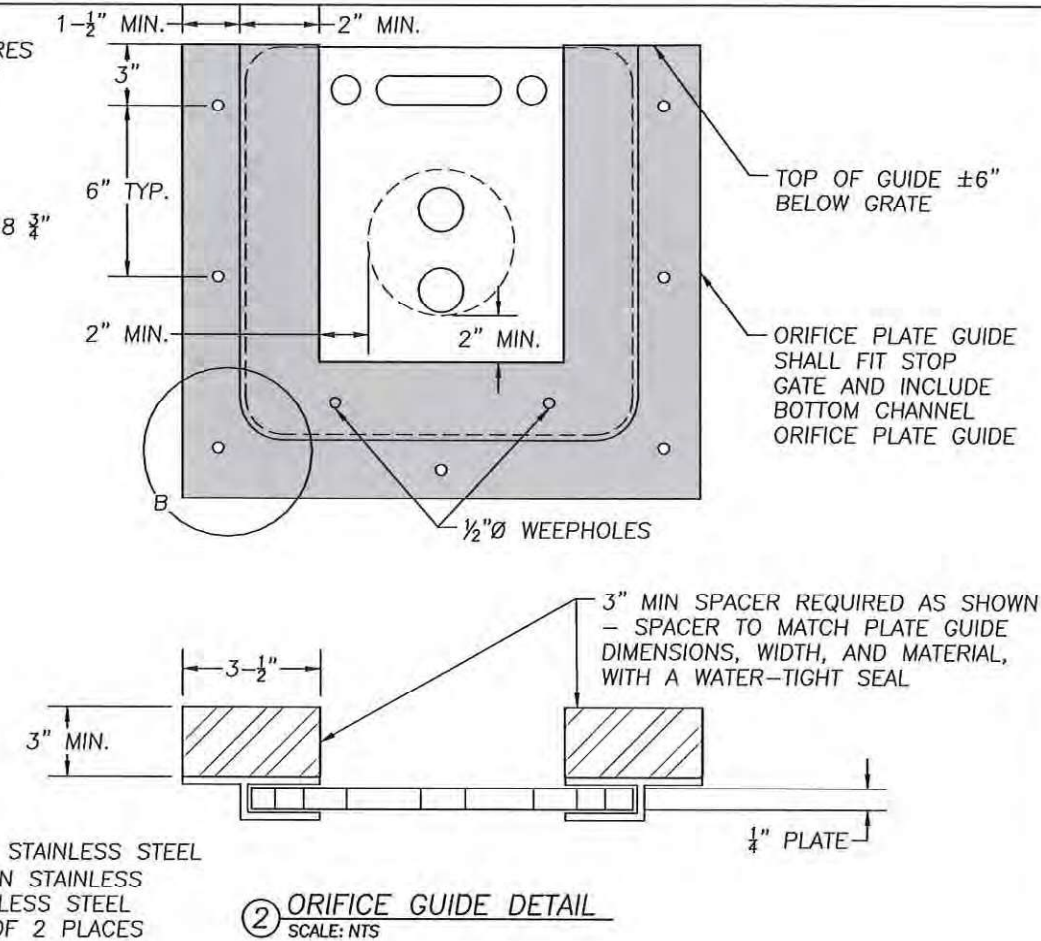
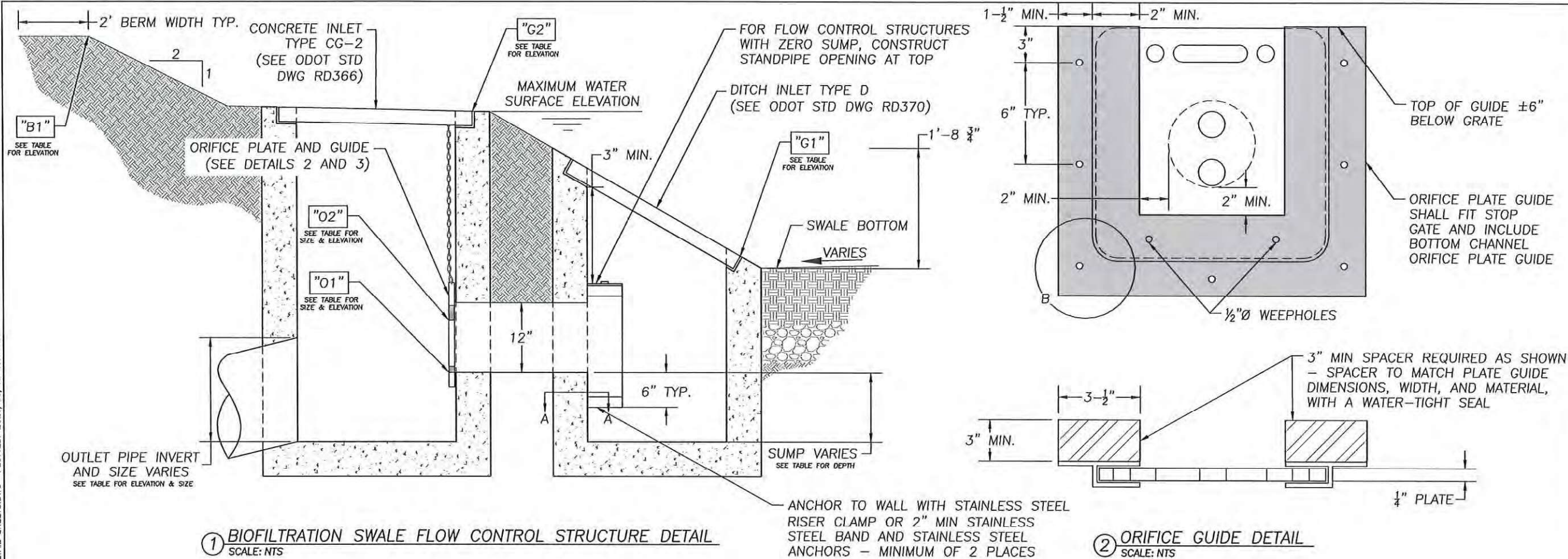
MARION COUNTY
FRENCH PRAIRIE RD: WEST FORK
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SITE NO.: BR 05492
HORIZ. DATUM: OCRS SALEM
VERT. DATUM: NAVD88
DESIGNED BY: L. MURPHY
DRAWN BY: L. MURPHY

TITLE:
TYPICAL SECTIONS
STA 7+55 -
10+47

SHEET:
2A2

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FLOW CONTROL STRUCTURE DATA TABLE

FLOW CONTROL STRUCTURE NO	SUMP DEPTH	G1 RIM ELEVATION	O1		O2		G2 RIM ELEVATION	B1 BERM ELEV	OUTLET PIPE INVERT ELEV	OUTLET PIPE SIZE
			INVERT ELEV	SIZE	INVERT ELEV	SIZE				
SW SWALE 1	0'	130.00	129.00	1.5"	129.50	1.5"	131.75	132.50	129.00	12"
SE SWALE 2	1'	135.00	134.00	1.5"	134.50	1.5"	136.75	137.50	133.00	12"
NW SWALE 3	1'	132.00	131.00	3.0"	131.50	3.0"	133.75	134.50	131.00	18"
NW SWALE 4	0	129.50	128.50	2.0"	129.16	4.0"	131.75	133.00	128.50	18"

GENERAL NOTES:

1. WALL SECTIONS AND INTERIOR DIMENSIONS IN ACCORDANCE WITH ODOT STD DWG RD370
2. FRAME AND GRATE PER ODOT STD DWG RD365
3. ORIFICE PLATE AND GUIDE TO BE MANUFACTURED FROM 1/2" HDPE OR 1/4" STAINLESS STEEL
4. FOR FLOW CONTROL STRUCTURES WITH ZERO SUMP, 6" STANDPIPE AND TEE TO BE CONSTRUCTED WITH THE OPENING AT THE TOP.
5. FOR STORM CONSTRUCTION INFORMATION, SEE SHEETS C01A, C01B, AND C02A.

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION

Marion County

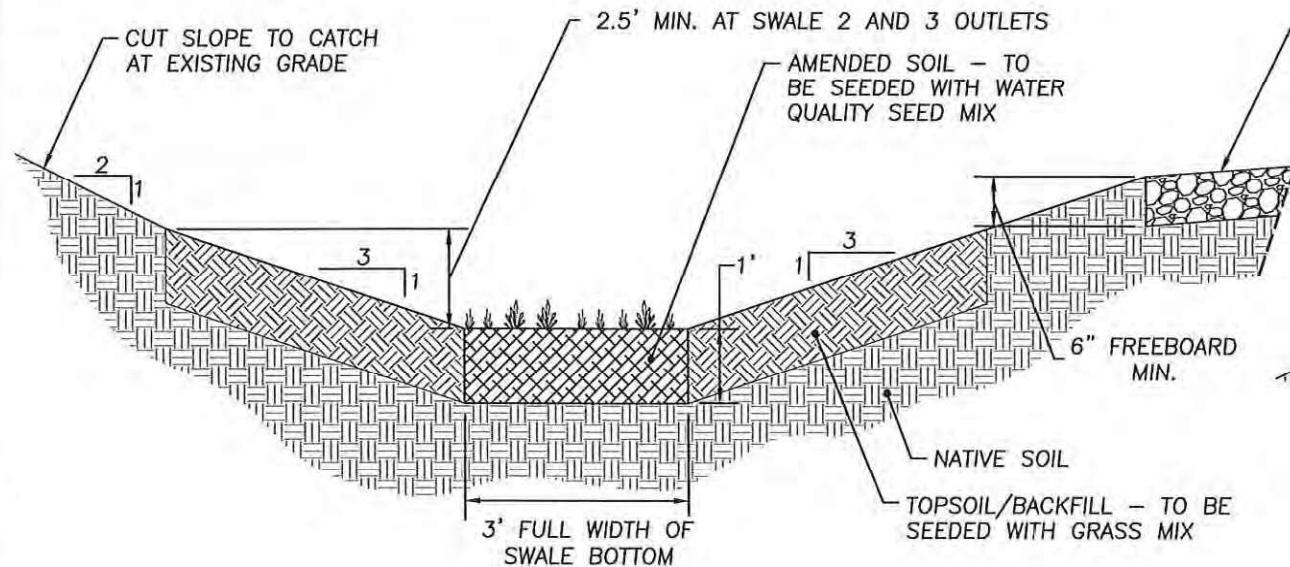
REGISTERED PROFESSIONAL
ENGINEER
86,015
Steven L. Preszler
OREGON
JANUARY 22, 2012
EXPIRES 12-31-2026

PROJECT NO.: 105455
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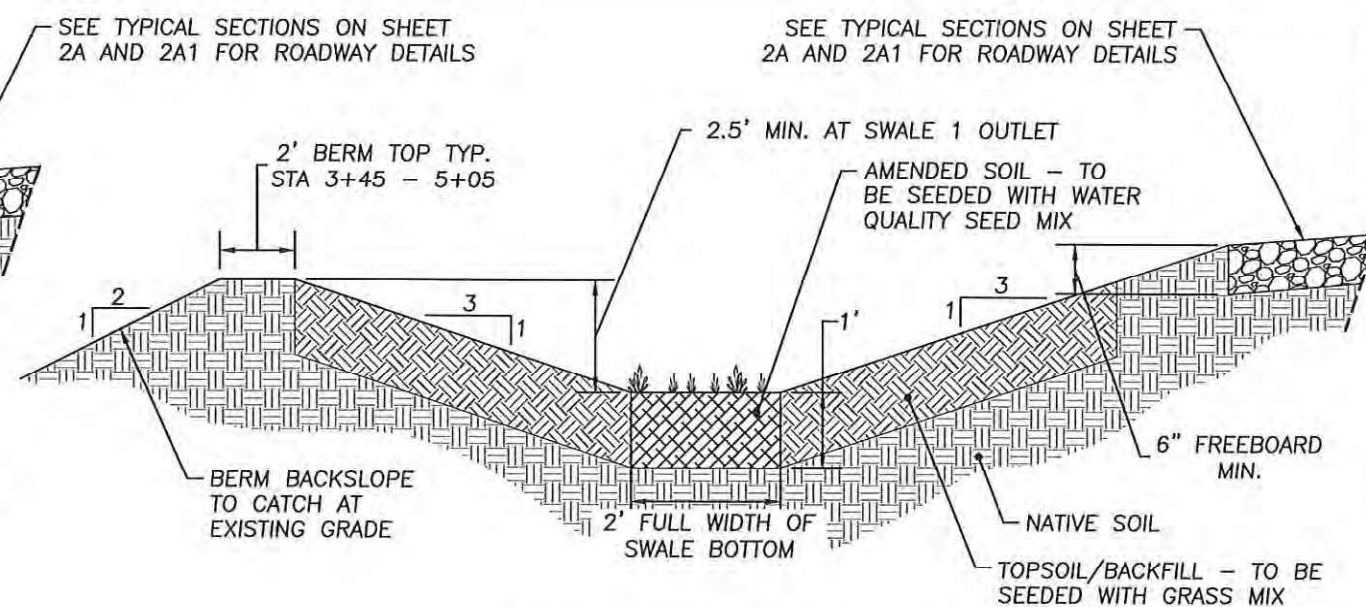
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DETAILS

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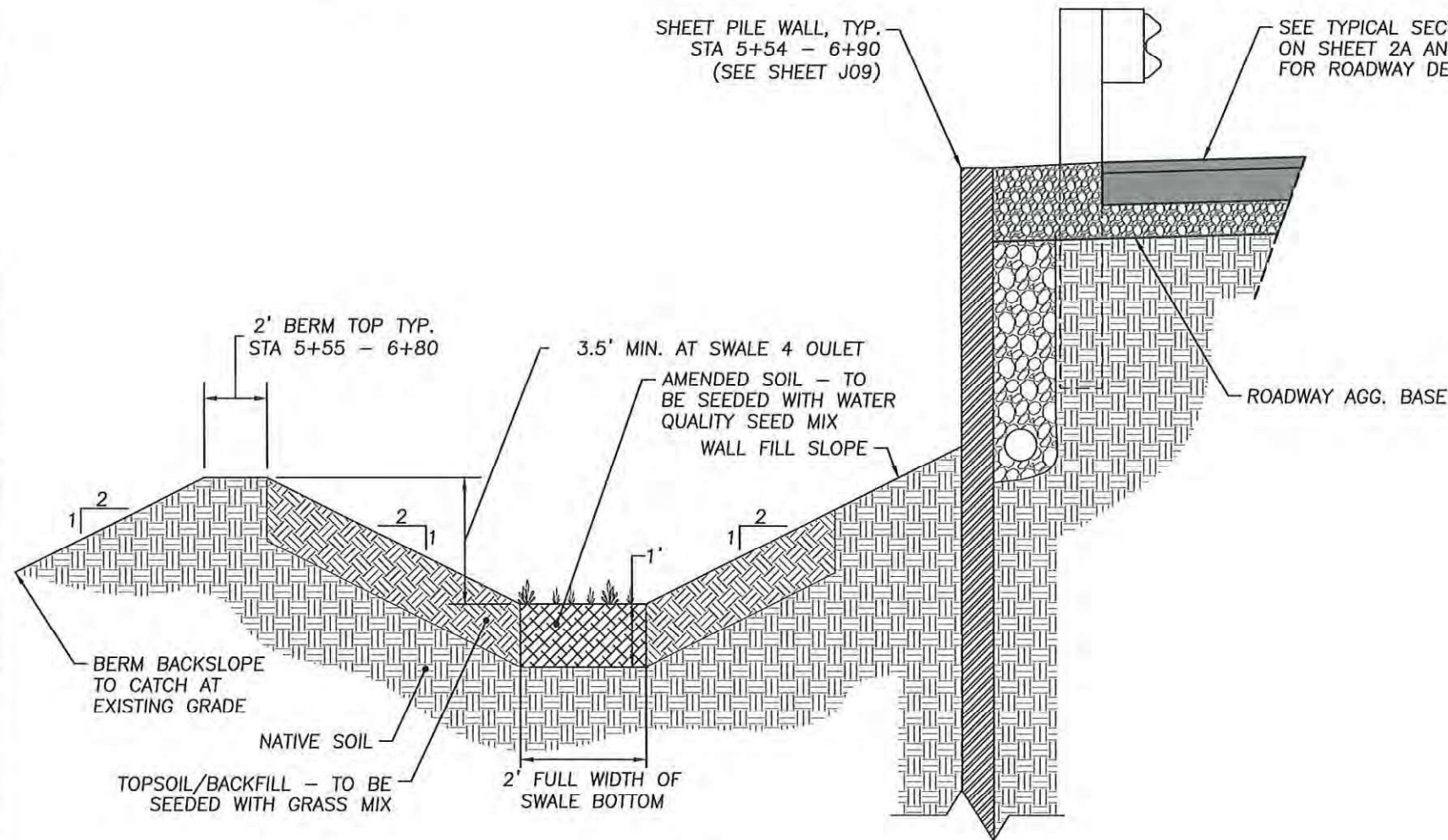
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① WATER QUALITY SWALES 2 AND 3 DETAIL
SCALE: N.T.S.



② WATER QUALITY SWALE 1 DETAIL
SCALE: N.T.S.



③ WATER QUALITY SWALE 4 AND SHEET PILE WALL DETAIL
SCALE: N.T.S.

GENERAL NOTES:

1. FOR SWALE AND DITCH CONSTRUCTION INFORMATION, SEE SHEETS C01A, C01B, AND C02A.
2. CHECK DAMS TO BE SPACED 50' MINIMUM ALONG SWALE AND REGRADED DITCH BOTTOMS.
3. OUTLET PIPE SIZE AND ELEVATIONS LISTED IN FLOW CONTROL STRUCTURE DATA TABLE ON SHEET B1.
4. LINE SWALE AND DITCHES WITH JUTE MATTING FOR SLOPES 4% OR GREATER.
5. BERM TO BE CONSTRUCTED ALONG SWALE 1 FROM STA 3+45 - 5+05 AND SWALE 4 FROM STA 5+55 - 6+80. ELSEWHERE, A CUT SLOPE OF 2H:1V TO EXISTING GRADE SHOULD BE CONSTRUCTED INSTEAD.
6. SHEET PILE WALL TO BE INSTALLED AT THE END OF WINGWALL ON NE SIDE OF PROPOSED BRIDGE.

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

DEPARTMENT OF PUBLIC WORKS



PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

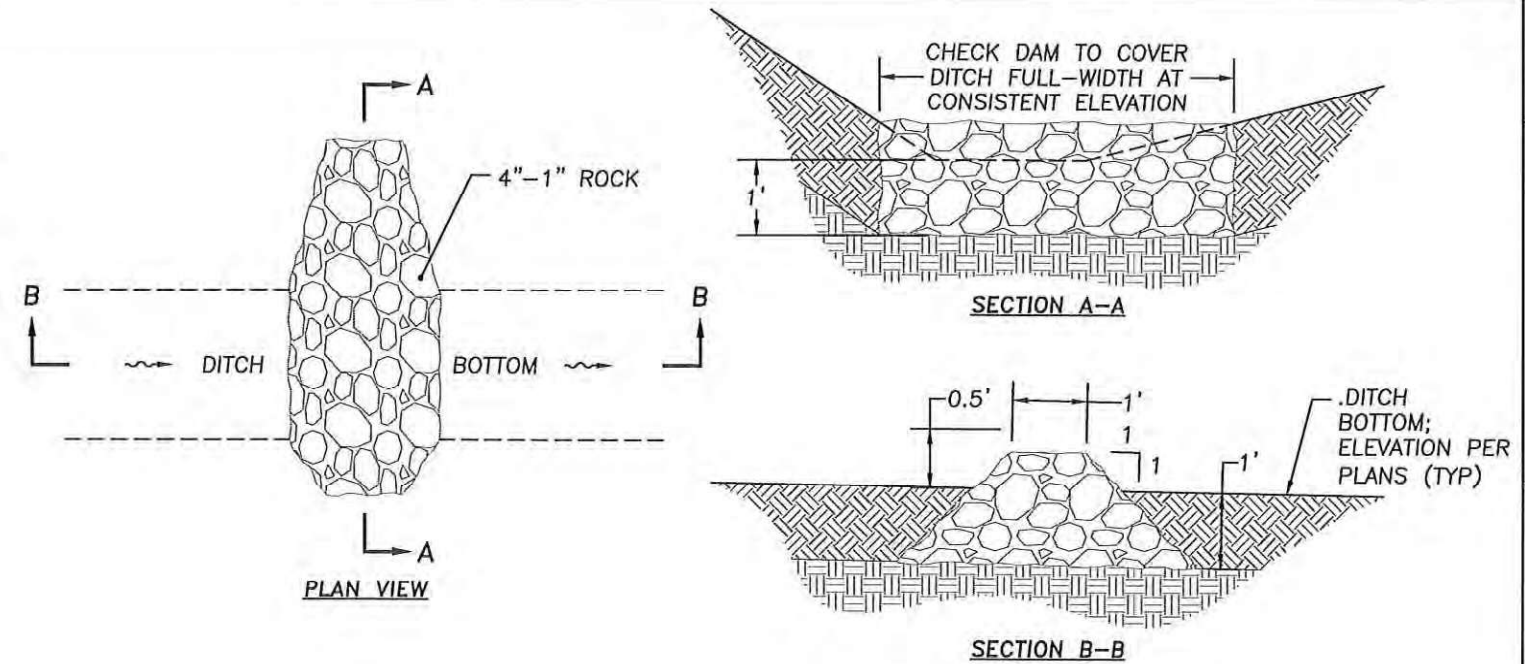
TITLE:
SWALE AND
SHEET PILE
WALL DETAILS

SHEET:
B2

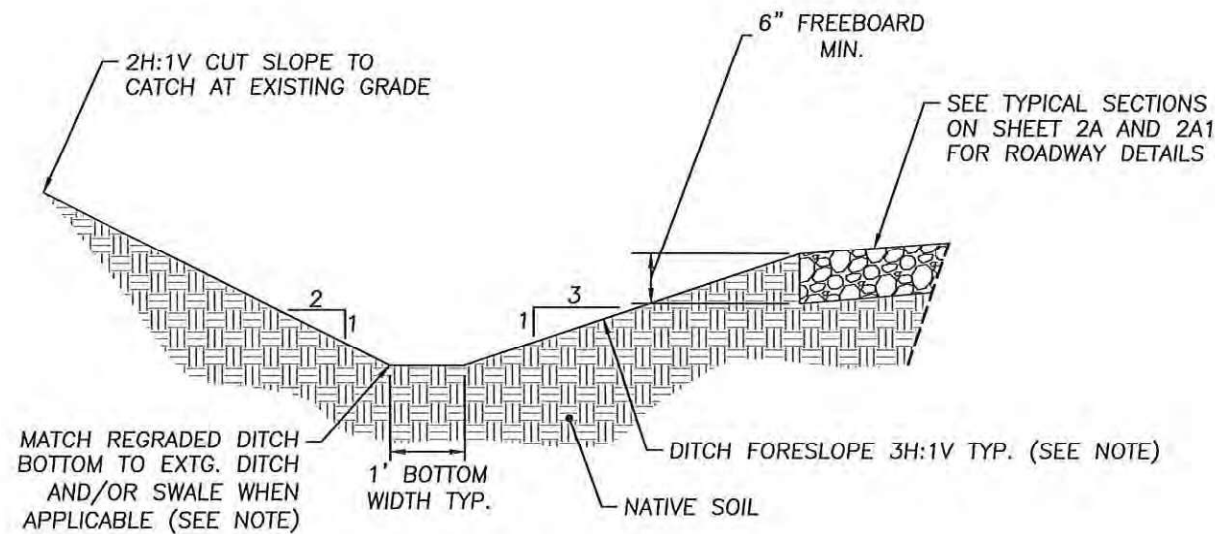
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GENERAL NOTES:

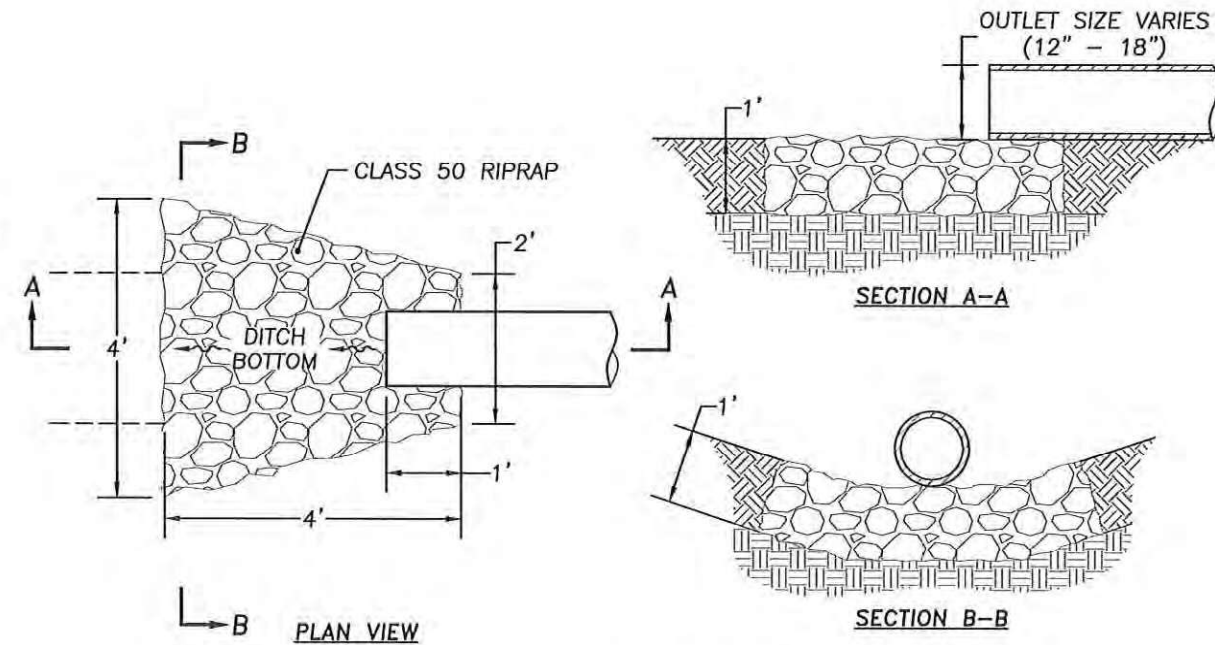
1. FOR SWALE AND DITCH CONSTRUCTION INFORMATION, SEE SHEETS C01A, C01B, AND C02A.
2. CHECK DAMS TO BE SPACED 50' MINIMUM ALONG SWALE BOTTOM.
3. OUTLET PIPE SIZE AND ELEVATIONS LISTED IN FLOW CONTROL STRUCTURE DATA TABLE ON SHEET B1.
4. LINE SWALES AND REGRADED DITCHES WITH JUTE MATTING FOR SLOPES 4% OR GREATER.
5. TAPER REGRADED DITCH BOTTOM WIDTH TO TIE INTO EXISTING DITCH WIDTH AT STA 0+95 AND 10+47. TAPER REGRADED DITCH BOTTOM WIDTH TO MATCH SWALE BOTTOM WIDTH AT STA 2+50 (SE STORM CL STA 2+50) AND STA 9+00 (NW STORM CL STA 4+00).
6. REGRADED DITCH FORESLOPE TO BE CONSTRUCTED AS 3H:1V FOR ALL SECTIONS EXCEPT SE REGRADED DITCH 2 FROM STA 4+65 TO 5+05, WHICH IS BEHIND GUARDRAIL AND SHALL HAVE A FORESLOPE OF 2H:1V. FOR CONSTRUCTION INFORMATION SEE SHEET C01B.



① CHECK DAM DETAIL
SCALE: N.T.S.



② REGRADED DITCH TYPICAL SECTION
SCALE: N.T.S.



③ RIPRAP OUTFALL DETAIL
SCALE: N.T.S.



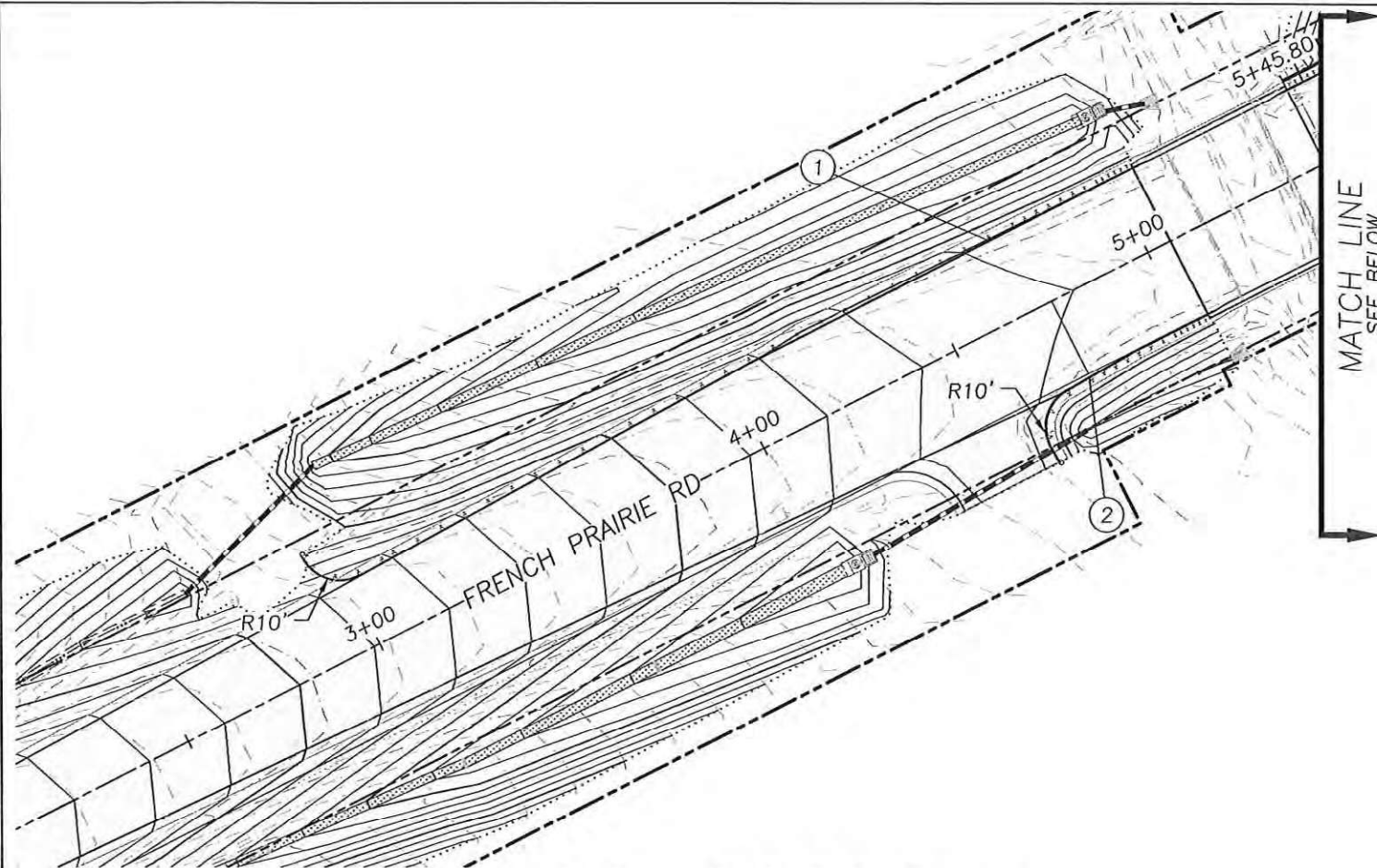
MARION COUNTY
**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

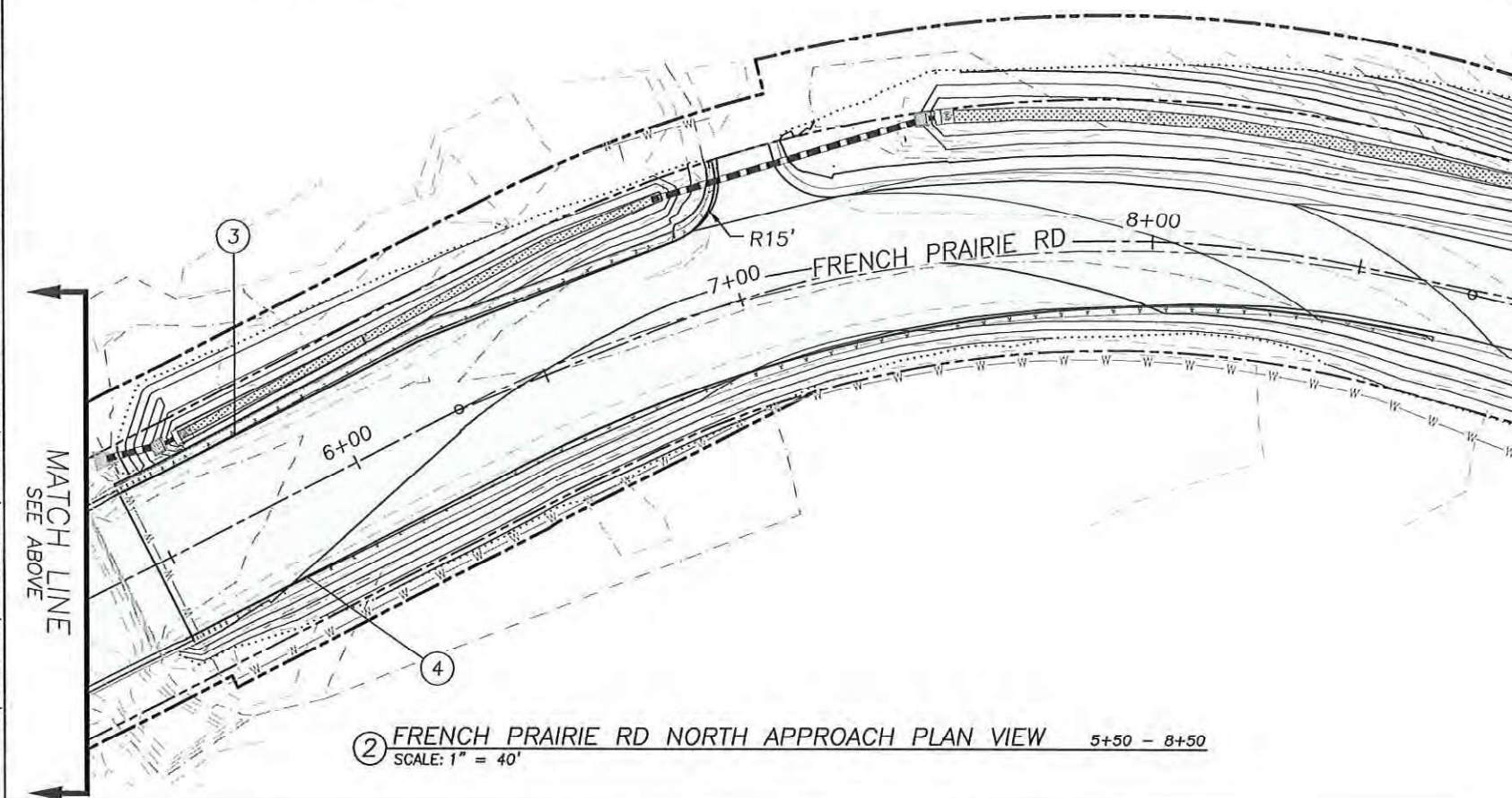
TITLE:
**DITCH AND
RIPRAP DETAILS**

SHEET:
B3

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① FRENCH PRAIRIE RD SOUTH APPROACH PLAN VIEW 3+50 - 5+50
SCALE: 1" = 40'



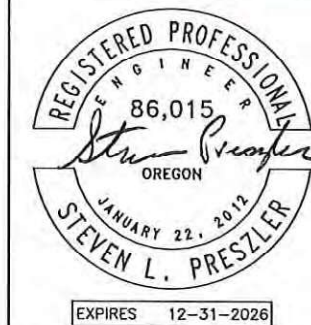
② FRENCH PRAIRIE RD NORTH APPROACH PLAN VIEW 5+50 - 8+50
SCALE: 1" = 40'

CONSTRUCTION KEYNOTES

- ① BETWEEN STA 2+93 TO STA 5+08:
INSTALL TRANSITION TYPE "F" CONCRETE RAIL TO GUARDRAIL,
INSTALL MIDWEST G.R. SYSTEM TYPE 3 - 12.50',
INSTALL MIDWEST G.R. SYSTEM W-BEAM - 159.38',
INSTALL TYPE 1 MODIFIED ANCHOR AT PC - 1 EA.,
INSTALL MIDWEST G.R. SYSTEM W-BEAM, R = 10' - 15.88',
INSTALL TYPE B END PIECE WITH TYPE 1 MODIFIED ANCHOR AT TERMINAL
(SEE STD DWGS BR203, RD407, RD409, RD410, RD417, RD442, RD450)
- ② BETWEEN STA 4+60 TO STA 5+08
INSTALL TRANSITION TYPE "F" CONCRETE RAIL TO GUARDRAIL,
INSTALL MIDWEST G.R. SYSTEM TYPE 3 - 12.50',
INSTALL TYPE 1 MODIFIED ANCHOR AT PC - 1 EA.,
INSTALL MIDWEST G.R. SYSTEM W-BEAM, R=10' - 12.50',
INSTALL TYPE B END PIECE WITH TYPE 1 MODIFIED ANCHOR AT TERMINAL
(SEE STD DWGS BR203, RD407, RD409, RD410, RD417, RD442, RD450)
- ③ BETWEEN STA 5+43 TO STA 7+03:
INSTALL TRANSITION TYPE "F" CONCRETE RAIL TO GUARDRAIL,
INSTALL MIDWEST G.R. SYSTEM TYPE 3 - 12.50',
INSTALL MIDWEST G.R. SYSTEM W-BEAM - 115.63',
INSTALL TYPE 1 MODIFIED ANCHOR AT PC - 1 EA.,
INSTALL MIDWEST G.R. SYSTEM W-BEAM, R=15' - 18.88',
INSTALL TYPE B END PIECE WITH TYPE 1 MODIFIED ANCHOR AT TERMINAL
(SEE STD DWGS BR203, RD407, RD409, RD410, RD417, RD442, RD450)
- ④ BETWEEN STA 5+43 TO STA 8+70:
INSTALL TRANSITION TYPE "F" CONCRETE RAIL TO GUARDRAIL,
INSTALL MIDWEST G.R. SYSTEM TYPE 3 - 12.50',
INSTALL MIDWEST G.R. SYSTEM W-BEAM - 231.25',
INSTALL MIDWEST GUARDRAIL SYSTEM NON-FLARED ENERGY ABSORBING
TERMINAL (SEE STD DWGS BR203, RD407, RD409, RD410, RD420, RD442)

GENERAL NOTES:

1. GUARDRAIL COMPONENTS LISTED IN ORDER OF INSTALLATION FROM END OF BRIDGE RAIL AT EACH CORNER OF BRIDGE.
2. USE HALF POST SPACING TO ADJUST ADJACENT TO MODIFIED TYPE 1 ANCHOR AS NEEDED.



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

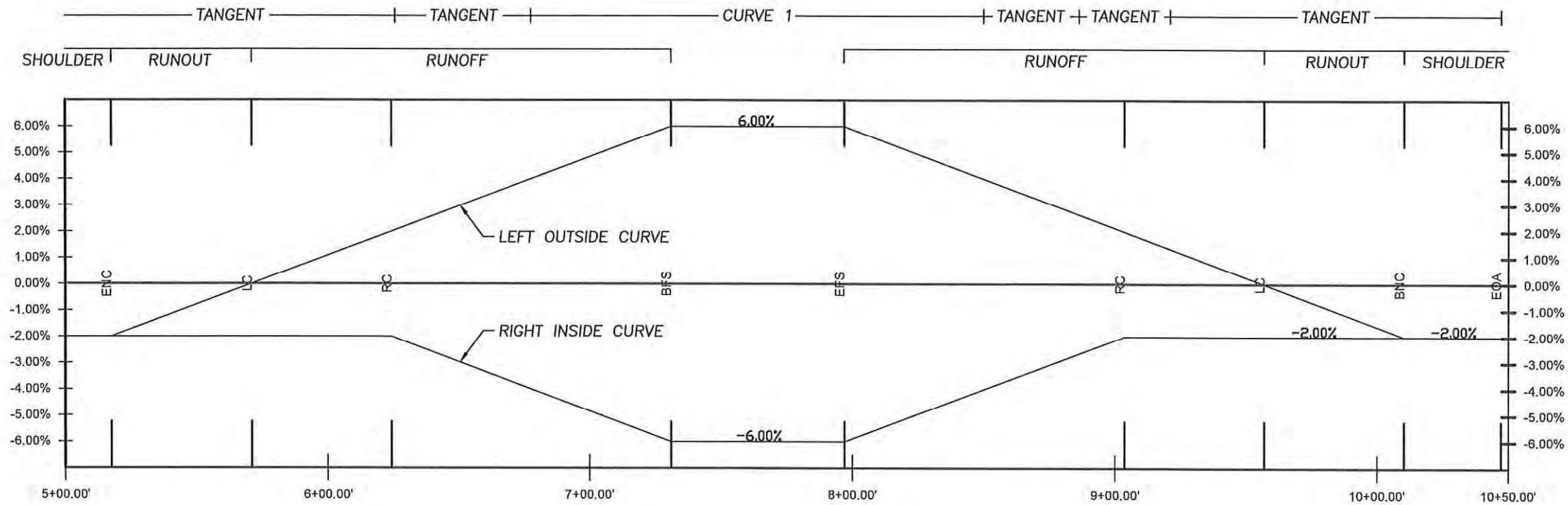
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:
**APPROACH
GUARDRAIL
DETAILS**

SHEET:
B4

Superelevation



① SUPERELEVATION DETAIL STA 5+00 - 10+50
SCALE: 1" = 50'



MARION COUNTY

**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

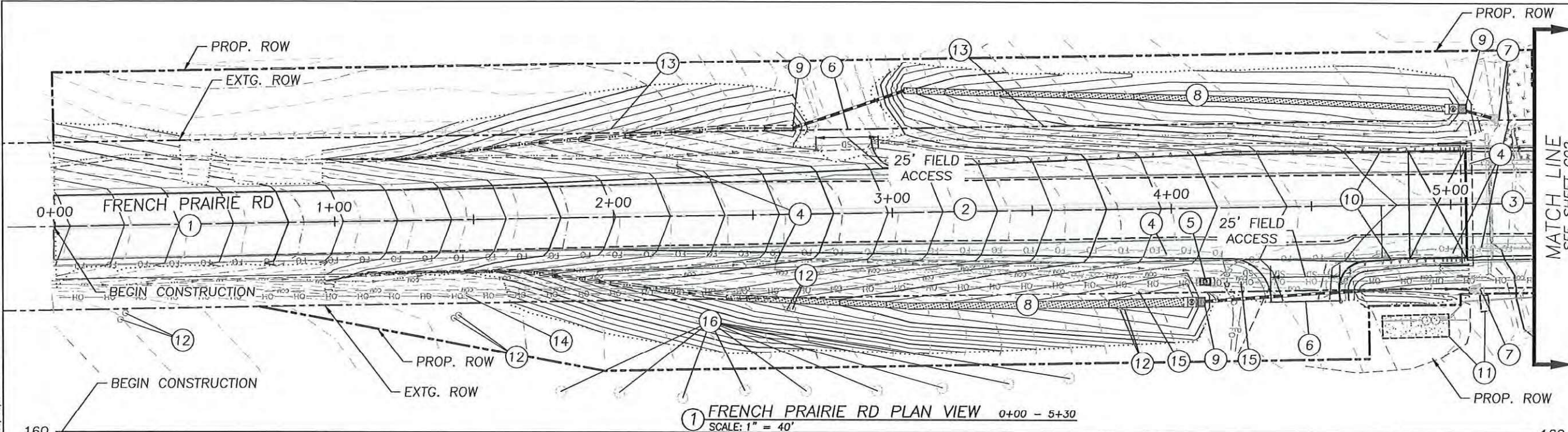
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**SUPERELEVATION
DETAILS**

SHEET:

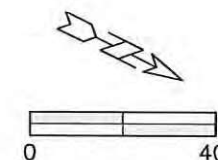
B5

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CONSTRUCTION KEYNOTES

- ① GRIND AND INLAY STA 0+00 TO 1+00
- ② CONSTRUCT ROADWAY STA 1+00 TO 5+05 (SEE TYPICAL SECTIONS ON SHEET 2A)
- ③ CONSTRUCT BRIDGE STA 5+05 TO 5+45 (SEE BRIDGE DETAILS ON SHEETS J01-J04)
- ④ RELOCATE OR REMOVE SIGNS (SEE SIGNING AND STRIPING PLANS ON SHEETS S1-S3)
- ⑤ RELOCATE COM. UTILITY PEDESTAL BY OTHERS
- ⑥ CONSTRUCT FIELD ACCESS DRIVEWAY 2 EA., STA 2+75 - 2+95, STA 4+05 - 4+65 (SEE ODOT STD. DWG. RD715)
- ⑦ CONSTRUCT RIP RAP SPLASH PAD (SEE DETAIL 3 ON SHEET B3)
- ⑧ CONSTRUCT BIOFILTRATION SWALE (FOR CONSTRUCTION SEE SHEET C01A, C01B, AND FOR DETAILS SEE SHEET B1 AND B2)
- ⑨ CONSTRUCT STORMWATER PIPES AND STRUCTURES (FOR CONSTRUCTION SEE SHEETS C01A, C01B, AND FOR DETAILS SEE SHEETS B1 AND B2)
- ⑩ CONSTRUCT BRIDGE APPROACH GUARDRAIL STA 2+99 TO 5+05 (SEE GUARDRAIL DETAILS ON SHEET B4)
- ⑪ PROTECT EXISTING IRRIGATION FACILITY
- ⑫ IRRIGATION PIPES RELOCATED BY OTHERS
- ⑬ REMOVE EXTG. FENCE AND CONSTRUCT TYPE 2 FENCE AT ROW LINE (SEE ODOT STD. DWG. RD810)
- ⑭ PROTECT EXTG. POWER POLE
- ⑮ GUY WIRE AND POLE RELOCATED BY OTHERS
- ⑯ REMOVE EXTG. HAZELNUT TREE, 9 EA.



FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



REGISTERED PROFESSIONAL
ENGINEER
86,015
Steven L. Preszler
OREGON
JANUARY 22, 2012
STEVEN L. PRESZLER
EXPIRES 12-31-2026

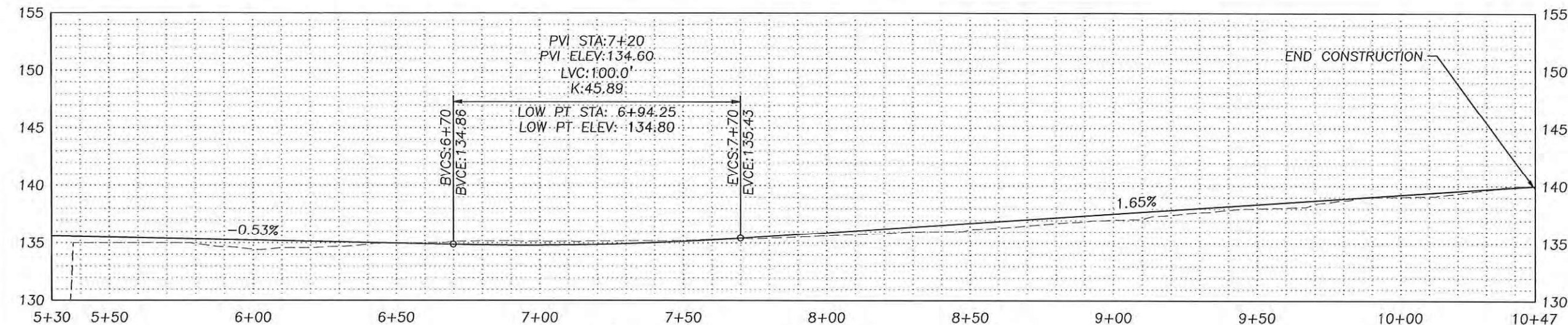
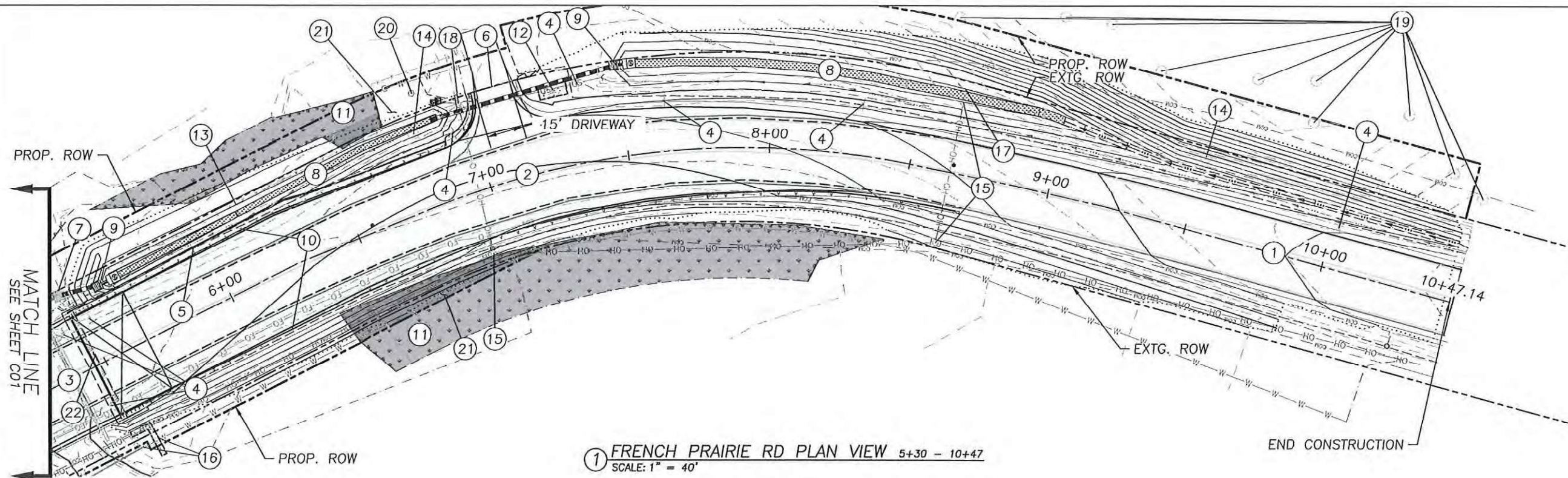
MARION COUNTY

**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY
TITLE:	GENERAL CONSTRUCTION STA 0+00 - 5+30
SHEET:	C01

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CONSTRUCTION KEYNOTES

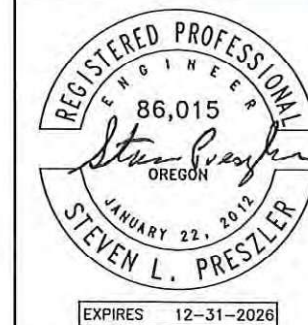
- 1 GRIND AND INLAY STA 9+50 TO 10+47
- 2 CONSTRUCT ROADWAY STA 5+45 TO 9+50 (SEE TYPICAL SECTION ON SHEET 2A AND 2A1 AND SUPERELEVATION DETAIL ON SHEET B5)
- 3 CONSTRUCT BRIDGE STA 5+05 TO 5+45 (SEE BRIDGE DETAILS ON SHEETS J01-J04)
- 4 RELOCATE OR REMOVE SIGNS (SEE SIGNING AND STRIPING PLANS ON SHEETS S1-3)
- 5 CONSTRUCT SHEET PILE WALL, STA 5+54 TO STA 6+90 (SEE SHEET B2 AND J09 FOR DETAILS)
- 6 CONSTRUCT PROPERTY DRIVEWAY STA 6+90 - 7+50 (SEE ODOT STD. DWG. RD715)
- 7 CONSTRUCT RIP RAP SPLASH PAD (SEE DETAIL 3 ON SHEET B3)
- 8 CONSTRUCT BIOFILTRATION SWALES (FOR CONSTRUCTION SEE SHEET C02A AND FOR DETAILS SEE SHEETS B1, B2)
- 9 CONSTRUCT STORMWATER PIPES AND STRUCTURES (FOR CONSTRUCTION SEE SHEET C02A AND FOR DETAILS SEE SHEETS B1 AND B2)
- 10 CONSTRUCT BRIDGE APPROACH GUARDRAIL STA 5+45 TO 9+00 (SEE GUARDRAIL DETAILS ON SHEET B4)
- 11 PROTECT WETLAND AREAS FROM DISTURBANCES (FOR DETAILS SEE ESCP ON SHEETS GA-GA4)
- 12 RELOCATE EXTG. MAILBOX BY OTHERS
- 13 REMOVE EXTG. FENCE AND CONSTRUCT TYPE 2 FENCE AT ROW LINE (SEE ODOT STD. DWG. RD810)
- 14 REMOVE EXTG. OAK TREE, 2 EA.
- 15 POWER POLES RELOCATED BY OTHERS
- 16 PROTECT EXTG. IRRIGATION STRUCTURE (CONCRETE BLOCKS TO BE RELOCATED BY OTHERS)
- 17 GUY WIRE RELOCATED BY OTHERS
- 18 PROTECT EXTG. POWER POLE
- 19 REMOVE EXTG. HAZELNUT TREE, 10 EA.
- 20 PROTECT EXTG. WELL
- 21 PROTECT EXTG. BURIED IRRIGATION LINES (APPROX. LOCATION SHOWN, FIELD VERIFY)
- 22 RELOCATE EXTG. BURIED IRRIGATION LINE TO 2' IN FRONT OF ABUTMENT FACE, MIN. COVER 36" (APPROX. LOCATION SHOWN, FIELD VERIFY)

0 40'

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



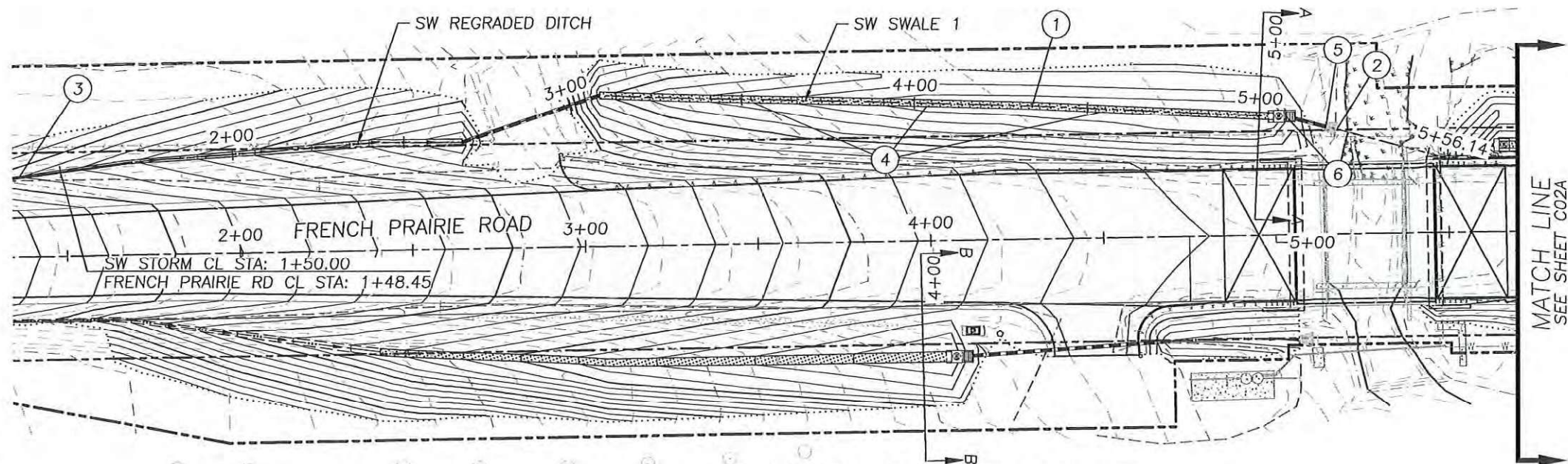
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ONEOFFICE NO.: 2026-251
FED. PROJ. NO.: H/A
KEY NO.: 21998
SITE NO.: BR 05492
HORIZ. DATUM: OCRS SALEM
VERT. DATUM: NAVD88
DESIGNED BY: L. MURPHY
DRAWN BY: L. MURPHY

TITLE:
GENERAL
CONSTRUCTION
STA 5+30 -
10+47

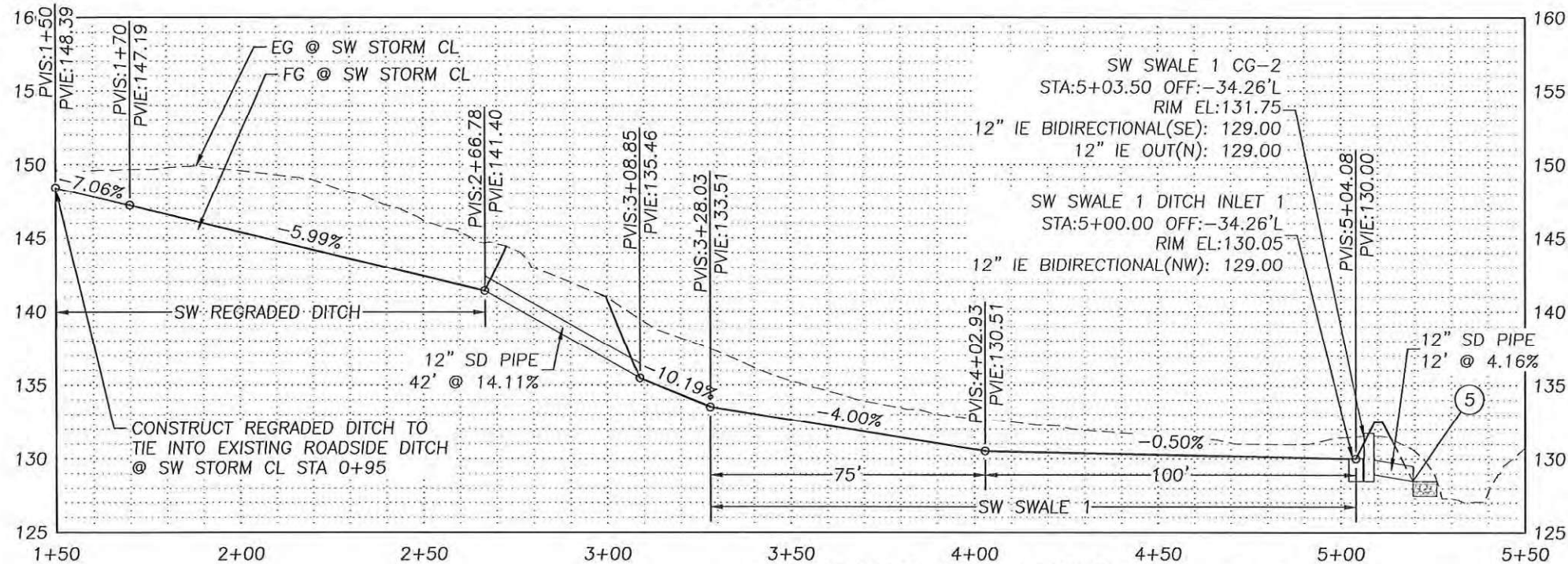
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DEPARTMENT OF PUBLIC WORKS

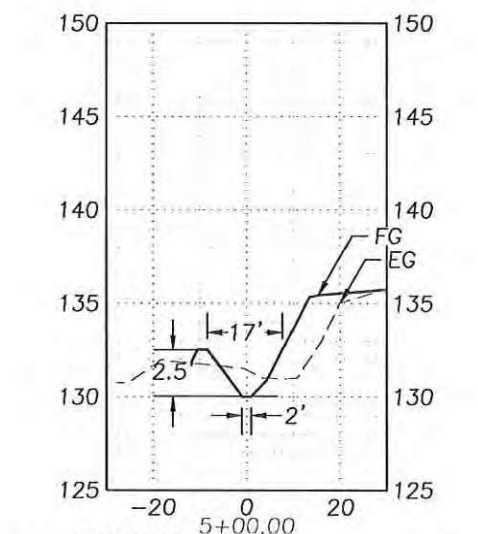
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① BRIDGE SW SWALE 1 PLAN VIEW 1+50 - 5+50
SCALE: 1" = 40'



② BRIDGE SW SWALE 1 PROFILE VIEW 1+50 - 5+50
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'



③ SECTION A-A 5+00
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'

CONSTRUCTION KEYNOTES

- ① CONSTRUCT 2' WIDE BIOFILTRATION SWALE 1 WITH A BERM ALONGSIDE SW STORM CL STA 3+00 TO 5+00, L = 175' (SEE DETAIL 2 ON SHEET B2)
- ② CONSTRUCT RIPRAP OUTFALL (SEE DETAIL 3 ON SHEET B3)
- ③ CONSTRUCT REGRADED DITCH FROM SW STORM CL STA 0+95 TO 2+65, L = 170', AND TIE INTO EXISTING DITCH AT STA 0+95 (SEE DETAIL 2 ON SHEET B3)
- ④ PLACE CHECK DAMS WITH 50' SPACING ALONG SWALE BOTTOM (SEE DETAIL 1 ON SHEET B3)
- ⑤ EXCAVATE EXTG. BANK AROUND PIPE OUTLET AND RIPRAP OUTFALL
- ⑥ CONSTRUCT FLOW CONTROL CONC. INLETS, 4 EA. (SEE DETAILS ON SHEET B1)

GENERAL NOTES:

1. CONSTRUCTION KEYNOTES REFERENCE SW STORM LINE FOR STATION AND OFFSET INFORMATION. PROFILE STRUCTURE AND PIPE LABELS REFERENCE FRENCH PRAIRIE ROAD CL FOR STATION AND OFFSET INFORMATION.
2. STORM LINE STATIONING AND OFFSET INFORMATION PROVIDED ARE TO THE CENTER OF THE STRUCTURES. PIPE LENGTH AND SLOPE IS FROM THE CENTER OF STRUCTURES.
3. CATCH BASIN AND WATER QUALITY CONNECTION INLETS SHALL HAVE A 1' SUMP DEPTH (UNLESS SPECIFIED OTHERWISE). SEE SHEET B2 FOR FLOW CONTROL DETAILS.
4. STORM PIPING SHALL BE ASTM D-3034, ASTM F679 PVC, OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
5. LINE DITCHES AND SWALES WITH GREATER THAN 4% SLOPES WITH JUTE MATTING.



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.: 105455
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FED. PROJ. NO.: N/A
KEY NO.: 21998
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HORIZ. DATUM: OCRS SALEM
VERT. DATUM: NAVD88
DESIGNED BY: L. MURPHY
DRAWN BY: L. MURPHY

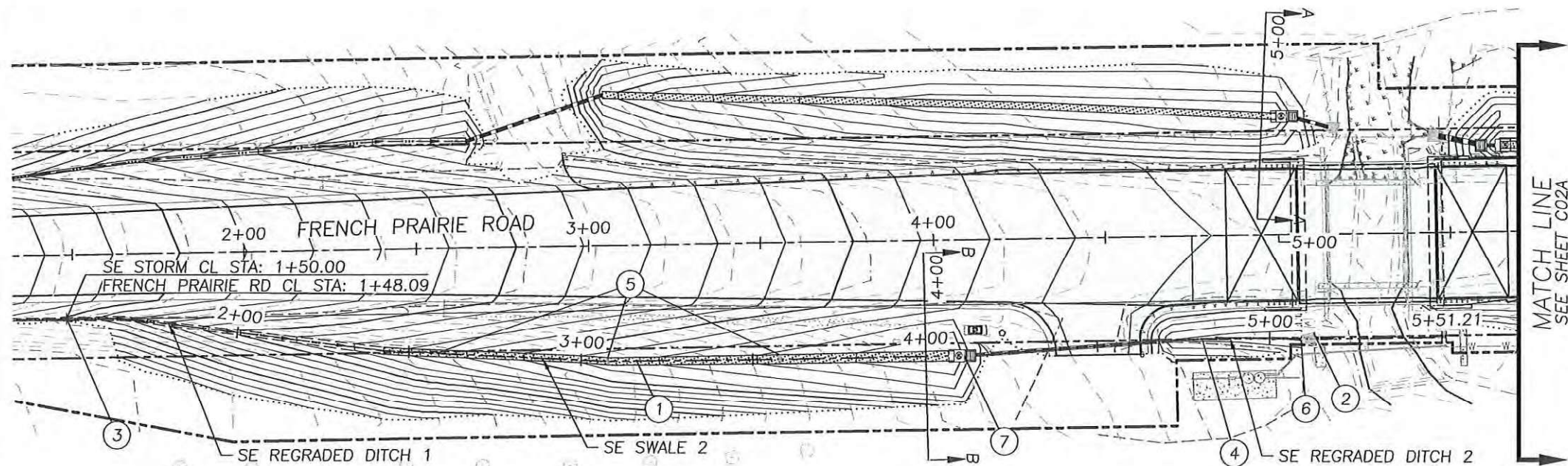
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STORM PLAN
AND PROFILE

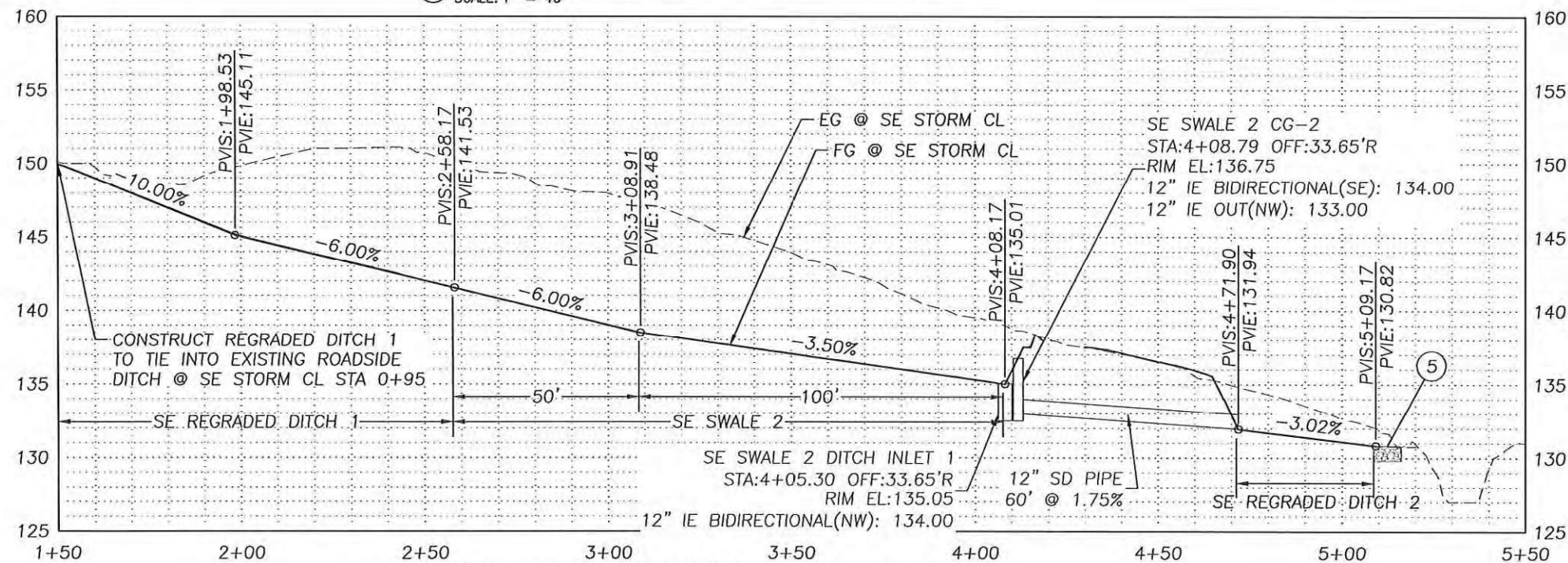
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① BRIDGE SE SWALE 2 PLAN VIEW 1+50 - 5+50
SCALE: 1" = 40'



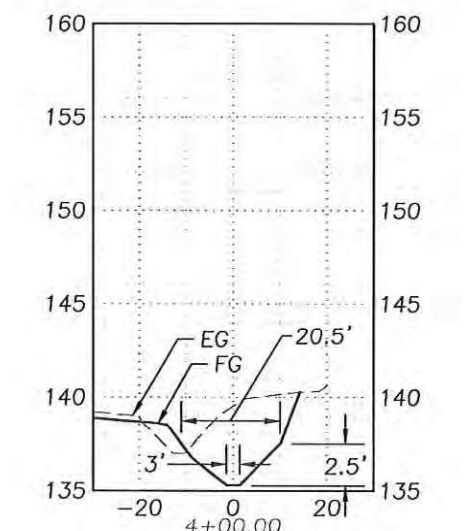
② BRIDGE SE SWALE 2 PROFILE VIEW 1+50 - 5+50
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'

CONSTRUCTION KEYNOTES

- ① CONSTRUCT 3' WIDE BIOFILTRATION SWALE 2 FROM SE STORM CL STA 2+50 TO 4+00, L = 150' (SEE DETAIL 1 ON SHEET B2)
- ② CONSTRUCT RIPRAP OUTFALL (SEE DETAIL 3 ON SHEET B3)
- ③ CONSTRUCT REGRADED DITCH 1 FROM SE STORM CL STA 0+95 TO 2+50, L = 155', AND TIE INTO EXISTING DITCH AT STA 1+50 (SEE DETAIL 2 ON SHEET B3)
- ④ CONSTRUCT REGRADED DITCH 2 FROM SE STORM CL STA 4+65 TO 5+05, L = 40' (SEE DETAIL 2 ON SHEET B3)
- ⑤ PLACE CHECK DAMS WITH 50' SPACING ALONG SWALE BOTTOM (SEE DETAIL 1 ON SHEET B3)
- ⑥ EXCAVATE EXTG. BANK AROUND DITCH OUTLET AND RIPRAP OUTFALL
- ⑦ CONSTRUCT FLOW CONTROL CONC. INLETS, 4 EA. (SEE DETAILS ON SHEET B1)

GENERAL NOTES:

1. CONSTRUCTION KEYNOTES REFERENCE SE STORM LINE FOR STATION AND OFFSET INFORMATION. PROFILE STRUCTURE AND PIPE LABELS REFERENCE FRENCH PRAIRIE ROAD CL FOR STATION AND OFFSET INFORMATION.
2. STORM LINE STATIONING AND OFFSET INFORMATION PROVIDED ARE TO THE CENTER OF THE STRUCTURES. PIPE LENGTH AND SLOPE IS FROM THE CENTER OF STRUCTURES.
3. CATCH BASIN AND WATER QUALITY CONNECTION INLETS SHALL HAVE A 1' SUMP DEPTH (UNLESS SPECIFIED OTHERWISE). SEE SHEET B2 FOR FLOW CONTROL DETAILS.
4. STORM PIPING SHALL BE ASTM D-3034, ASTM F679 PVC, OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
5. LINE DITCHES AND SWALES WITH GREATER THAN 4% SLOPES WITH JUTE MATTING.



③ SECTION B-B 4+00
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY

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VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

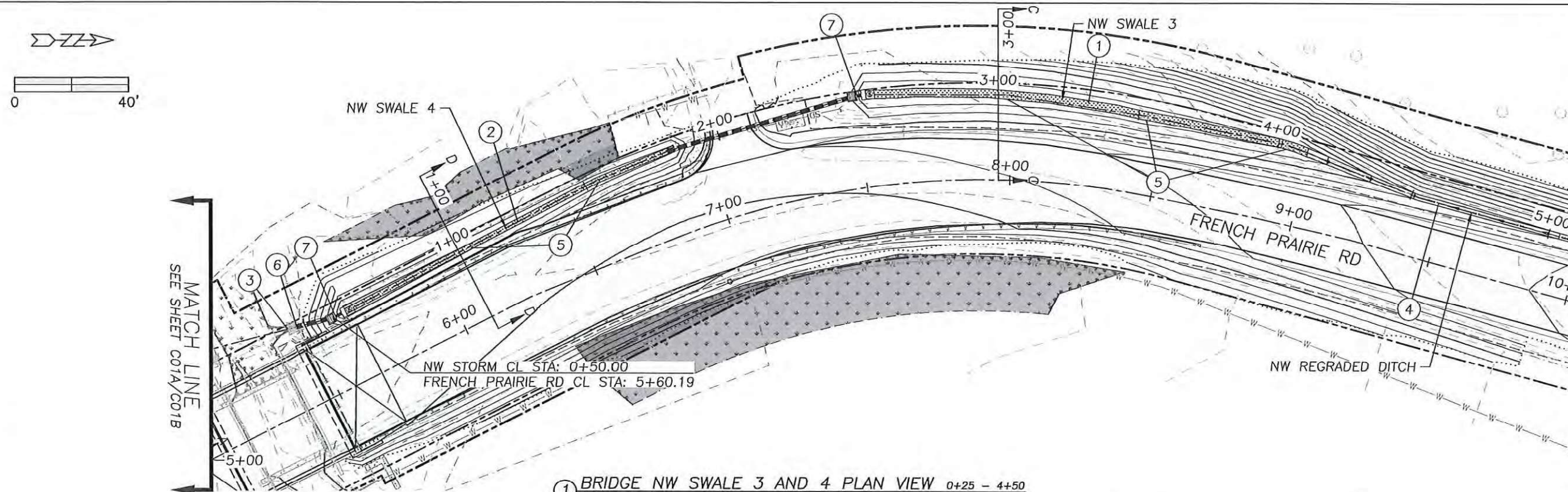
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STORM PLAN
AND PROFILE

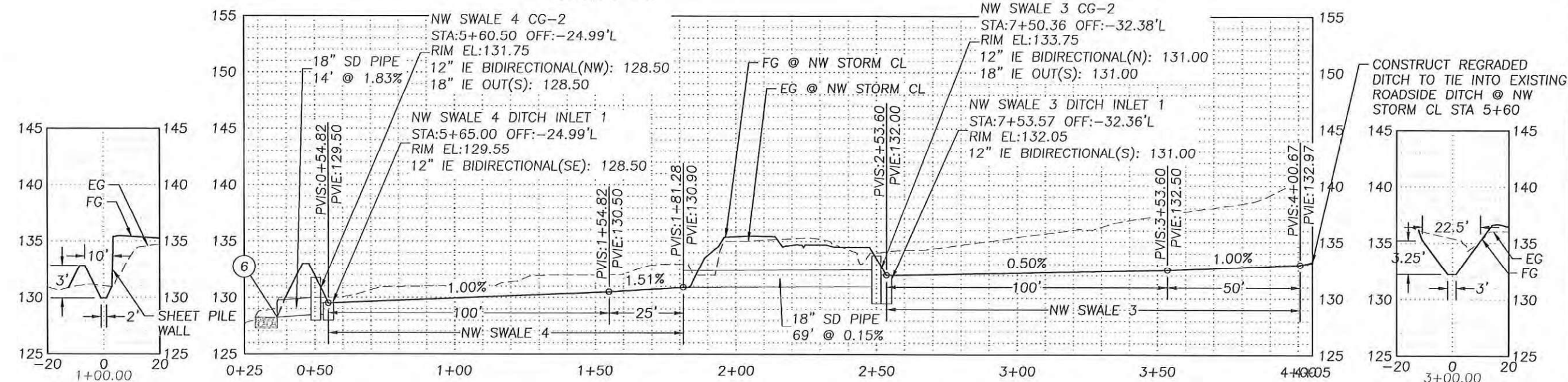
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① BRIDGE NW SWALE 3 AND 4 PLAN VIEW 0+25 - 4+50
SCALE: 1" = 40'



③ SECTION D-D 1+00
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'

② BRIDGE NW SWALE 3 AND 4 PROFILE VIEW 0+25 - 4+00
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'

③ SECTION C-C 1+00
SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'

CONSTRUCTION KEYNOTES

1. CONSTRUCT 3' WIDE BIOFILTRATION SWALE 3 FROM NW STORM CL STA 2+50 TO 4+00, L = 150' (SEE DETAIL 1 ON SHEET B2)
2. CONSTRUCT 2' WIDE BIOFILTRATION SWALE 4 WITH BERM FROM NW STORM CL STA 0+50 TO 1+75 (ADJACENT TO SHEET PILE WALL), L = 125' (SEE DETAIL 3 ON SHEET B2)
3. CONSTRUCT RIPRAP OUTFALL (SEE DETAIL 3 ON SHEET B3)
4. CONSTRUCT REGRADED DITCH FROM NW STORM CL STA 4+00 TO 5+60, L = 150', SLOPE 6% FROM STA 4+00 - 4+50, 1.8% FROM STA 4+50 - 5+60 (SEE DETAIL 2 ON SHEET B3)
5. PLACE CHECK DAMS WITH 50' SPACING ALONG SWALE BOTTOM (SEE DETAIL 1 ON SHEET B3)
6. EXCAVATE EXTG. BANK AROUND PIPE OUTLET AND RIPRAP OUTFALL

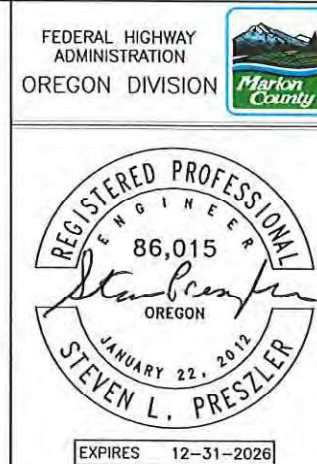
7. CONSTRUCT FLOW CONTROL CONC. INLETS, 4 EA. (SEE DETAILS ON SHEET B1)

GENERAL NOTES:

1. CONSTRUCTION KEYNOTES REFERENCE NW STORM LINE FOR STATION AND OFFSET INFORMATION. PROFILE STRUCTURE AND PIPE LABELS REFERENCE FRENCH PRAIRIE ROAD CL FOR STATION AND OFFSET INFORMATION.
2. STORM LINE STATIONING AND OFFSET INFORMATION PROVIDED ARE TO THE CENTER OF THE STRUCTURES. PIPE LENGTH AND SLOPE IS FROM THE CENTER OF STRUCTURES.
3. CATCH BASIN AND WATER QUALITY CONNECTION INLETS SHALL HAVE A 1' SUMP DEPTH (UNLESS SPECIFIED OTHERWISE). SEE SHEET B2 FOR FLOW CONTROL DETAILS.
4. STORM PIPING SHALL BE ASTM D-3034, ASTM F679 PVC, OR APPROVED EQUAL UNLESS NOTED OTHERWISE.

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT



PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

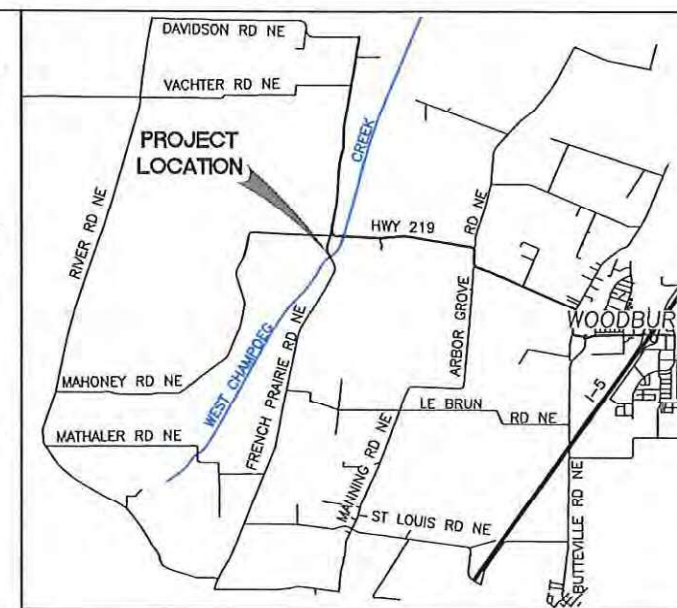
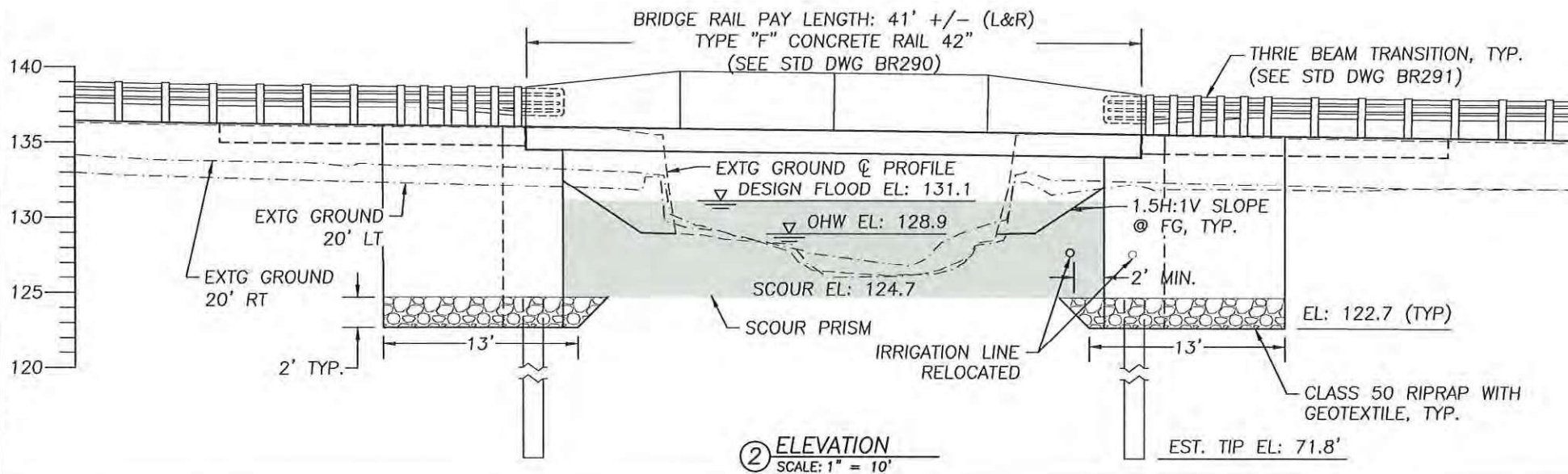
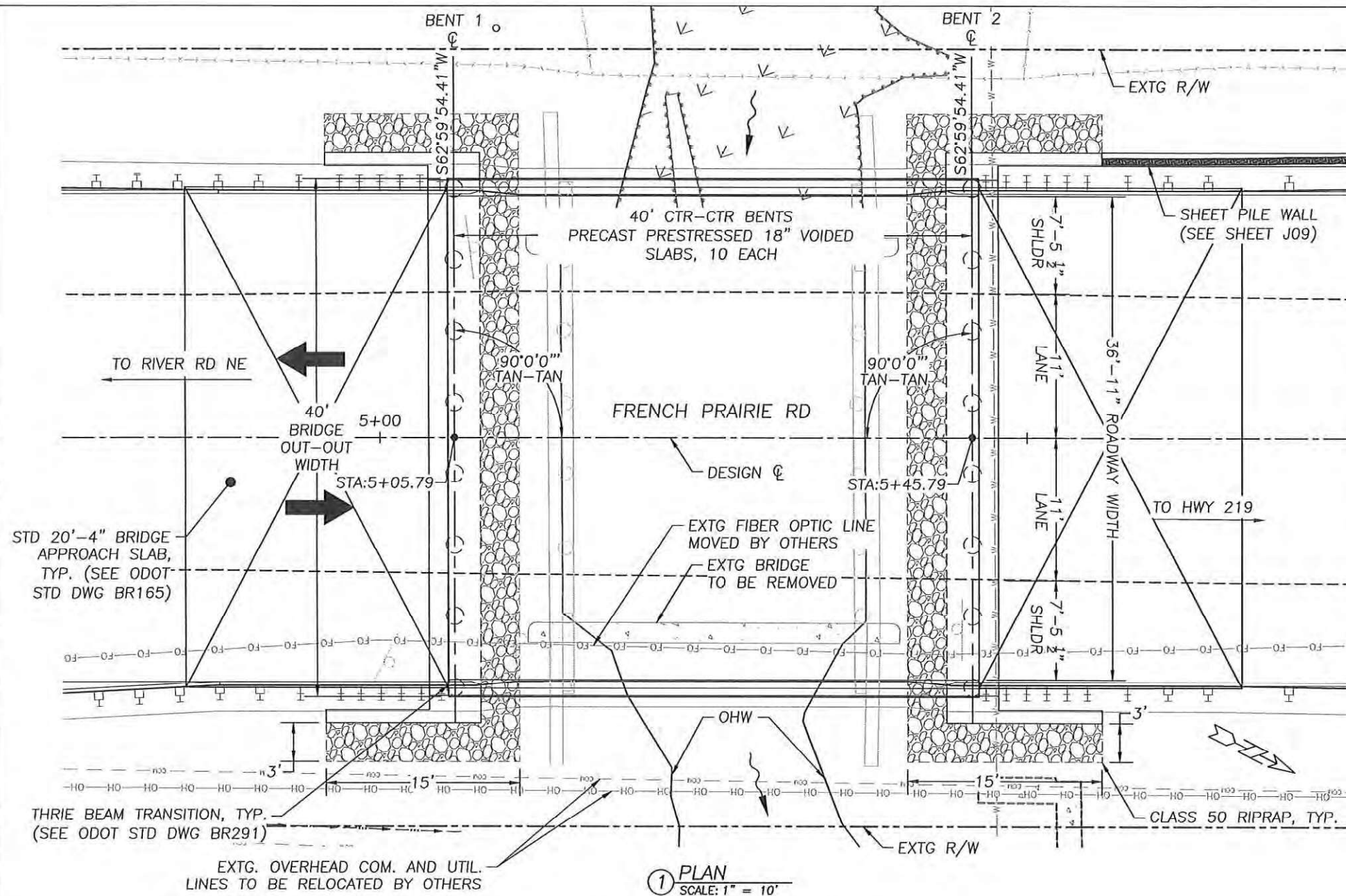
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STORM PLAN
AND PROFILE

SHEET:

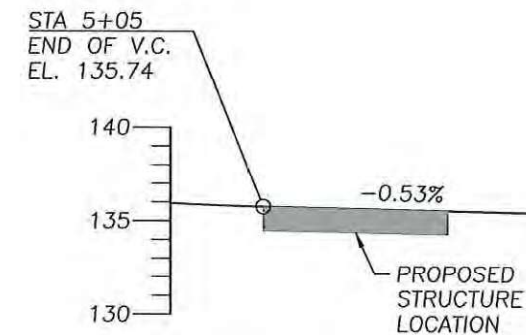
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VICINITY MAP
SCALE: 1" = 10,000'

- NOTES:
1. SEE SHEET J02 FOR GENERAL NOTES, HYDRAULIC DATA, AND EXCAVATION/BACKFILL DIAGRAM.
 2. BRIDGE DRAWINGS ACCOMPANIED BY ODOT STD. DWGS. BR165, BR290, BR291, BR410, AND BR445.
 3. ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS AT FRENCH PRAIRIE ROAD CENTERLINE AND CENTERLINE OF BENTS.
 4. ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
 5. APPROACH RAIL DETAILED ON ROADWAY SHEETS.
 6. LOCATE IRRIGATION LINE AND COORDINATE SHUTDOWN WITH OWNER BEFORE RELOCATING. MAX. SHUTDOWN TIME 24 HOURS.



③ GRADE LINE DIAGRAM
SCALE: 1" = 40'

STRUCTURE NO.:	24465
BDS DWG. NO.:	114083
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026



FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OGRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:
BRIDGE PLAN
AND ELEVATION

SHEET:
J01

GENERAL NOTES:

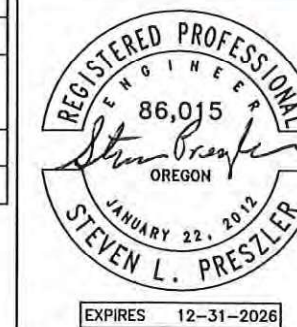
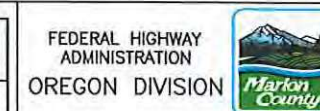
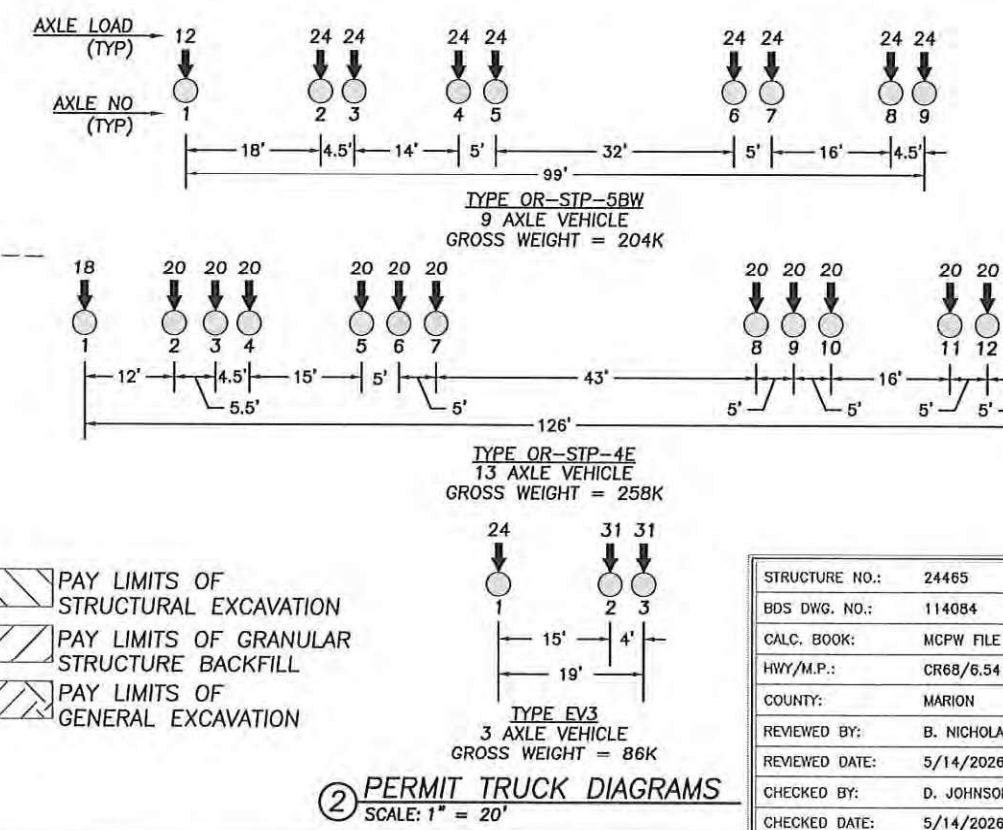
- PROVIDE ALL MATERIALS AND PERFORM ALL WORK ACCORDING TO THE 2024 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO BEGINNING WORK.
- IN-WATER WORK WINDOW IS JULY 15 TO SEPTEMBER 15.
- BRIDGE IS DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (10TH EDITION, 2023) AND CHAPTER 14 OF THE NOVEMBER 2025 ODOT LOCAL AGENCY GUIDELINES. DESIGN INCLUDES AN ALLOWANCE OF 40 PSF FOR FUTURE WEARING SURFACE AND ALL OF THE FOLLOWING LIVE LOADS:
SERVICE AND STRENGTH-I LIMIT STATES:
HL-93: DESIGN TRUCK OR THE DESIGN TANDEM AND THE DESIGN LANE LOAD.
STRENGTH-II LIMIT STATES:
ODOT TYPE OR-STP-5BW PERMIT TRUCK
ODOT TYPE OR-STP-4E PERMIT TRUCK
ODOT TYPE EV3 FIRE TRUCK
- SEISMIC DESIGN IS PERFORMED IN ACCORDANCE WITH THE "AASHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN". THE HORIZONTAL PEAK GROUND ACCELERATION COEFFICIENT (PGA) FOR 1000-YEAR RETURN (LIFE SAFETY) IS 0.27G BASED ON 2014 USGS SEISMIC HAZARD MAPS. THE BRIDGE SITE IS DEFINED AS A SITE CLASS E WITH SITE FACTOR (FPGA) OF 1.70.
- PROVIDE ALL REINFORCING STEEL ACCORDING TO ASTM SPECIFICATION A706, OR AASHTO 31 (ASTM A615) GRADE 60. PROVIDE FIELD BENT STIRRUPS ACCORDING TO ASTM SPECIFICATION A706. USE THE FOLLOWING SPLICE LENGTHS (UNLESS SHOWN OTHERWISE):

REINFORCING SPLICE LENGTHS (CLASS B) GRADE 60 F'C=4.0KSI											
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	#14	#18
UNCOATED	1'-4"	1'-7"	2'-0"	2'-5"	2'-9"	3'-2"	3'-7"	4'-0"	4'-5"	NOT PERMITTED	

- INCREASE ALL SPLICE LENGTHS 30% FOR HORIZONTAL OR NEARLY HORIZONTAL BARS SO PLACED THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE BAR.
- SPLICE REINFORCING STEEL AT ALTERNATE BARS, STAGGERED AT LEAST ONE SPLICE LENGTH OR AS FAR AS POSSIBLE, UNLESS SHOWN OTHERWISE.
- PLACE BARS 2" CLEAR OF THE NEAREST FACE OF CONCRETE (UNLESS SHOWN OTHERWISE). THE TOP BENDS OF STIRRUPS EXTENDING FROM PRESTRESSED PRECAST UNITS MAY BE SHOP OR FIELD BENT (UNLESS SHOWN OTHERWISE).
- ALL REINFORCING SPACING IS INTENDED TO BE MAXIMUM UNLESS SHOWN OTHERWISE.
- PROVIDE CONCRETE AND PRESTRESSING STEEL IN PRECAST PRESTRESSED UNITS ACCORDING TO DETAIL PLANS.
- PROVIDE A 3/4" CHAMFER ON ALL EXPOSED CONCRETE EDGES UNLESS NOTED OTHERWISE.
- PROVIDE CLASS HPC4500 - 1-1/2" CONCRETE IN APPROACH SLABS.
- PROVIDE CLASS 4000 - 1-1/2", 1", OR 3/4" CONCRETE FOR ALL OTHER CONCRETE.

HYDRAULIC DATA*			
ITEMS	UNITS	DESIGN (BASE) FLOOD	MAX PROB. FLOOD
FREQUENCY	YEARS	100-YR	500-YR
DISCHARGE	CFS	282 CFS	368 CFS
H.W. ELEV. @ UP- STREAM FACE/BRIDGE	FT	131.08 FT	131.53 FT
BACKWATER	FT	0.01 FT	0.00 FT
SCOUR ELEV.	FT	124.72	123.98

LINE AND CURVE TABLE					
LINE OR CURVE #	LENGTH	DIRECTION OR DELTA	RADIUS	START NORTHING AND EASTING	END NORTHING AND EASTING
L24	298.54'	N27°00'06"W	N/A	N: 302066.68 E: 199316.58	N: 302332.68 E: 199181.04
L25	327.25'	N27°00'06"W	N/A	N: 302332.68 E: 199181.04	N: 302624.25 E: 199032.47
L26	51.90'	N22°09'32"W	N/A	N: 302624.25 E: 199032.47	N: 302672.32 E: 199012.89
C9	172.64'	33°40'05"	293.8'	N: 302672.32 E: 199012.89	N: 198997.10 E: 198997.10
L27	36.12'	N11°30'33"E	N/A	N: 302841.75 E: 198997.10	N: 302877.15 E: 199004.31
L28	23.69'	N13°02'26"E	N/A	N: 302877.15 E: 199004.31	N: 302900.22 E: 199009.65
L29	10.93'	N12°49'06"E	N/A	N: 302900.22 E: 199009.65	N: 302910.88 E: 199012.08
L30	126.08'	N15°17'54"E	N/A	N: 302910.88 E: 199012.08	N: 303032.49 E: 199045.34

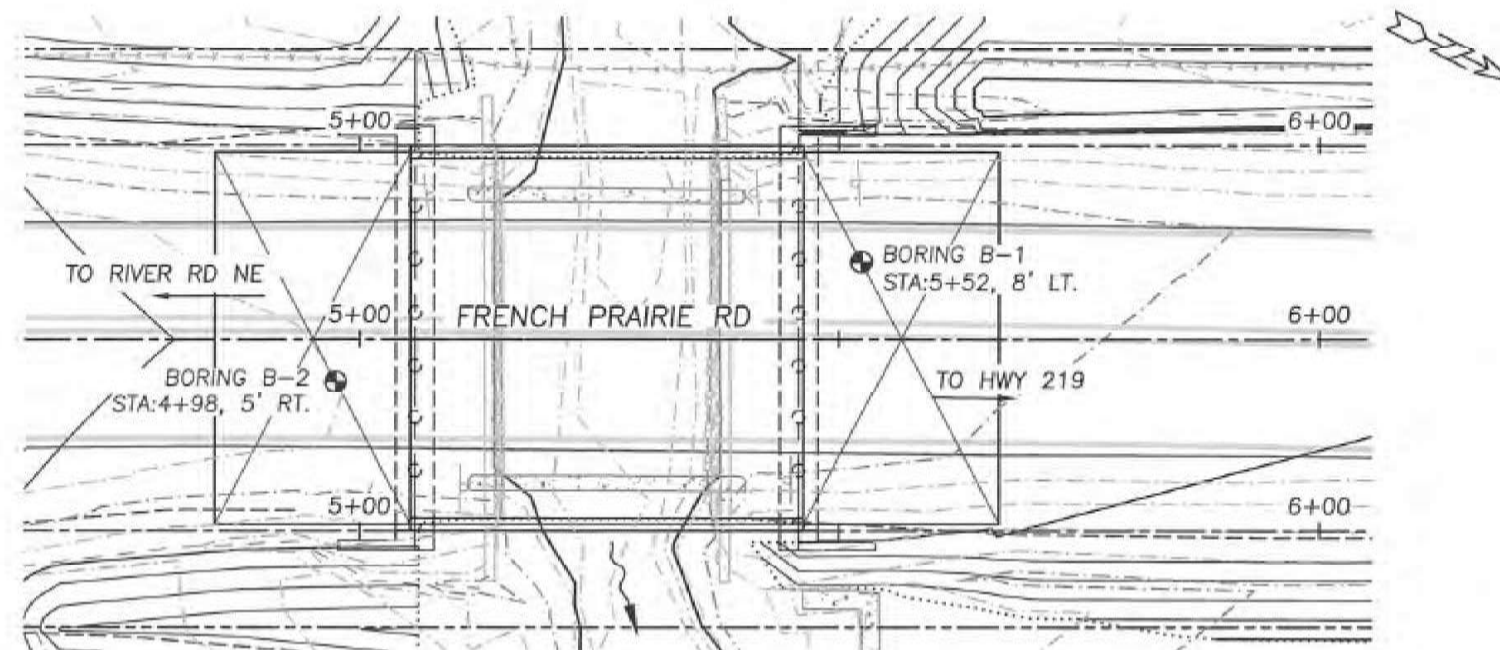


FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

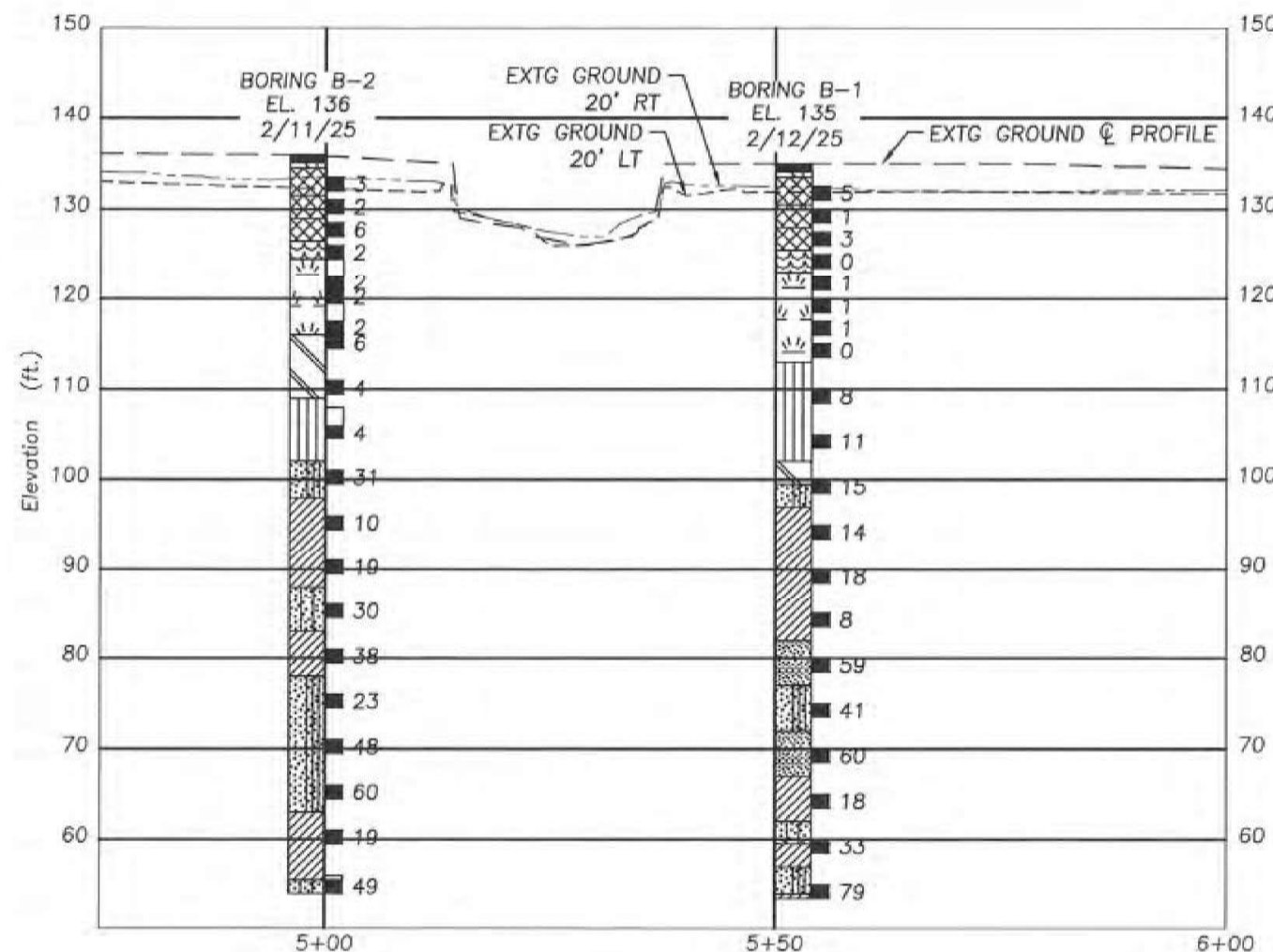
PROJECT NO.: 105455
ECMS NO.: 2025-251
FED. PROJ. NO.: N/A
KEY NO.: 21998
ROAD NO.: 68-020
HORIZ. DATUM: OCRS SALEM
VERT. DATUM: NAVD88
DESIGNED BY: S. PRESZLER
DRAWN BY: L. MURPHY

TITLE:
GENERAL NOTES
SHEET:
J02

FILE: P:\PDX\111000S\111505 MARION CO FRENCH PRAIRIE\DRAWING\GDS\FRENCH PRAIRIE BRIDGE_FDS.DWG PLOTTED: 2026/05/18 10:18 AM



① PLAN
SCALE: 1" = 20'



② FOUNDATION DATA
SCALE: 1" = 20'

LEGEND OF SYMBOLS

● APPROXIMATE BOREHOLE LOCATION

13 'N'-VALUE; UNCORRECTED (RAW) STANDARD PENETRATION RESISTANCE (ASTM D1586, SEE NOTE 2)

□ UNDISTURBED SAMPLE (ASTM D1587)

UNIT DESCRIPTIONS

- ASPHALT CONCRETE
- BASE AGGREGATE
- ORGANIC SILTY CLAY, ORGANIC CLAY WITH SOME GRAVEL-SIZED ROCK FRAGMENTS, AND SILTY CLAY WITH TRACE SAND AND GRAVEL-SIZED ROCK FRAGMENTS, OL, OH, CL; BROWN, BLACK, AND GRAY, LOW TO HIGH PLASTICITY, MOIST, VERY SOFT TO MEDIUM STIFF, (FILL)
- ORGANIC CLAY WITH TRACE SAND TO ORGANIC CLAY WITH TRACE GRAVEL AND SAND, OH; BLuish GRAY, HIGH PLASTICITY, MOIST, VERY SOFT TO SOFT
- CLAYEY PEAT TO CLAYEY PEAT WITH TRACE SAND, PT; BLACK, MEDIUM TO HIGH PLASTICITY, MOIST, VERY SOFT TO SOFT
- SILTY CLAY WITH TRACE SAND, CL; GRAY TO BLuish GRAY, MEDIUM PLASTICITY, MOIST, MEDIUM STIFF TO STIFF
- SILT WITH SOME SAND, ML; GRAY TO BLuish GRAY, NONPLASTIC TO LOW PLASTICITY, MOIST, LOOSE/SOFT TO MEDIUM STIFF
- SILTY CLAY WITH TRACE TO SOME SAND, CL; GRAY, BROWN, AND BLuish GRAY, LOW TO MEDIUM PLASTICITY, MOIST, MEDIUM STIFF TO HARD
- SILTY SAND, SM; BROWN AND GRAY, NONPLASTIC FINES, MOIST, MEDIUM DENSE TO DENSE
- SAND WITH SOME SILT TO SILTY SAND TO SAND WITH SOME SILT WITH TRACE GRAVEL, SP-SM/SM; GRAY AND BROWN, NONPLASTIC TO LOW PLASTICITY FINES, MOIST TO WET, MEDIUM DENSE TO VERY DENSE
- SAND WITH TRACE GRAVEL, SP; GRAY, NONPLASTIC FINES, WET, VERY DENSE

NOTES:

- ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
- BORINGS WERE SAMPLED WITH A HAMMER EFFICIENCY OF 83.5%.
- GEOTECHNICAL DATA SHOWN ON THIS DRAWING ARE A CONSOLIDATION OF INFORMATION AND/OR REVISION IN TERMINOLOGY FROM DRILL LOGS. THE DRILL LOGS AND ANY OTHER EXPLORATION DATA USED IN COMPILING THIS DRAWING ARE AVAILABLE UPON REQUEST FROM THE COUNTY OR THE ENGINEER.
- REFER TO THE ODOT GEOTECHNICAL DESIGN MANUAL (2024) FOR A DESCRIPTION OF THE TERMS USED IN THIS DRAWING.
- BOREHOLES WERE DRILLED USING MUD ROTARY TECHNIQUES, WHICH MAKE IT DIFFICULT TO DISCERN DEPTH TO GROUNDWATER DURING DRILLING, IF IT IS ENCOUNTERED, DUE TO THE USE OF DRILLING FLUID IN THE BOREHOLE.

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. MCLANDRICH
DRAWN BY:	A. HOLMES

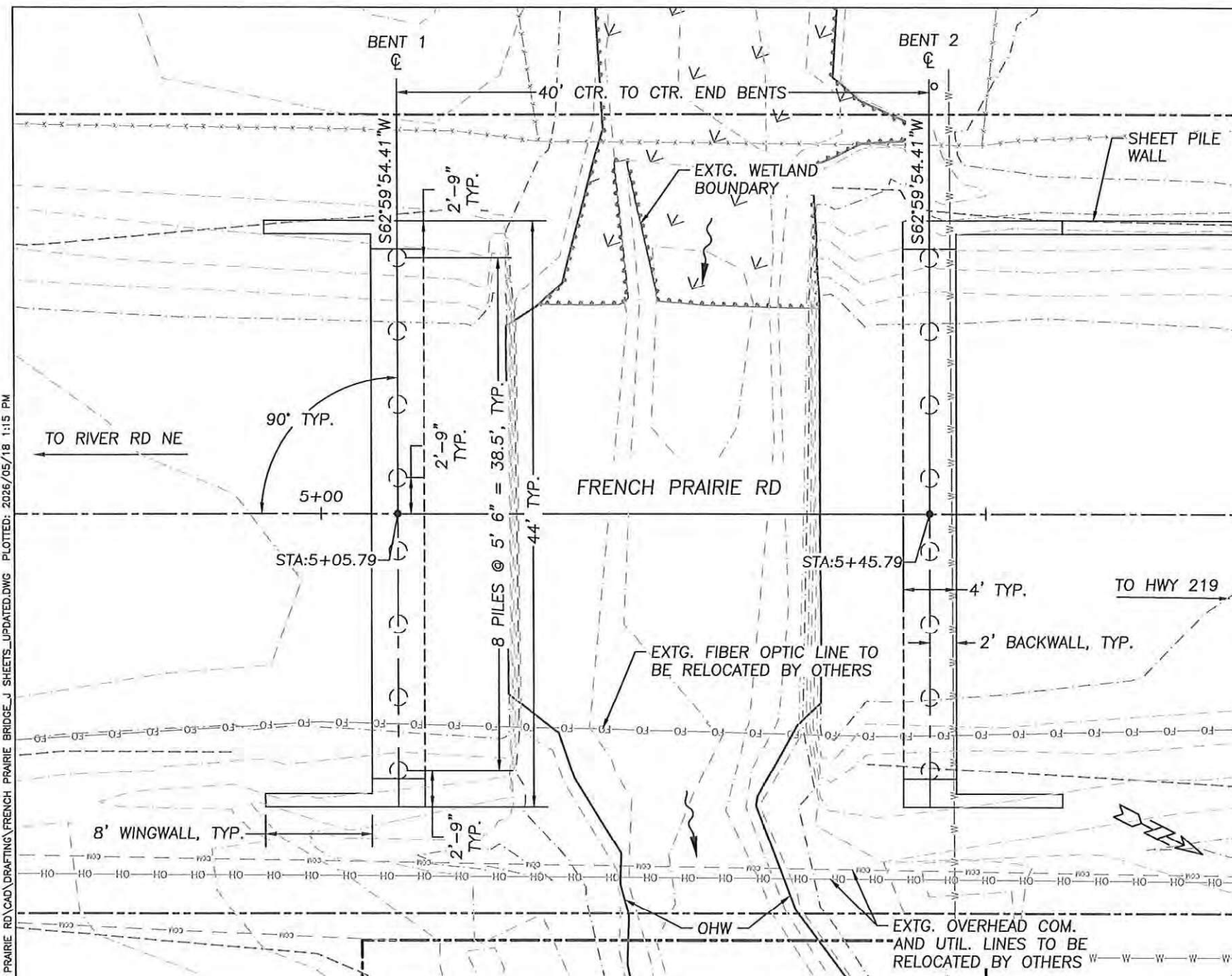
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FOUNDATION
DATA

SHEET:

J03

STRUCTURE NO.:	24465
BDS DWG. NO.:	114085
CALC. BOOK:	MCPW FILE
HWY/M.P.:	GR66/6.54
COUNTY:	MARION
REVIEWED BY:	R. PIAO
REVIEWED DATE:	5/18/26
CHECKED BY:	C. SORENSEN
CHECKED DATE:	4/9/26

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① FOUNDATION PLAN
SCALE: 1" = 10'

NOTE:
THE PILE TOP PLATE SHALL BE IN CONTACT WITH
THE PILE FOR AT LEAST 75% OF ITS BEARING
AREA. THE REMAINING 25% OF THE BEARING
AREA SHALL HAVE NO GAP GREATER THAN $\frac{1}{16}$ "

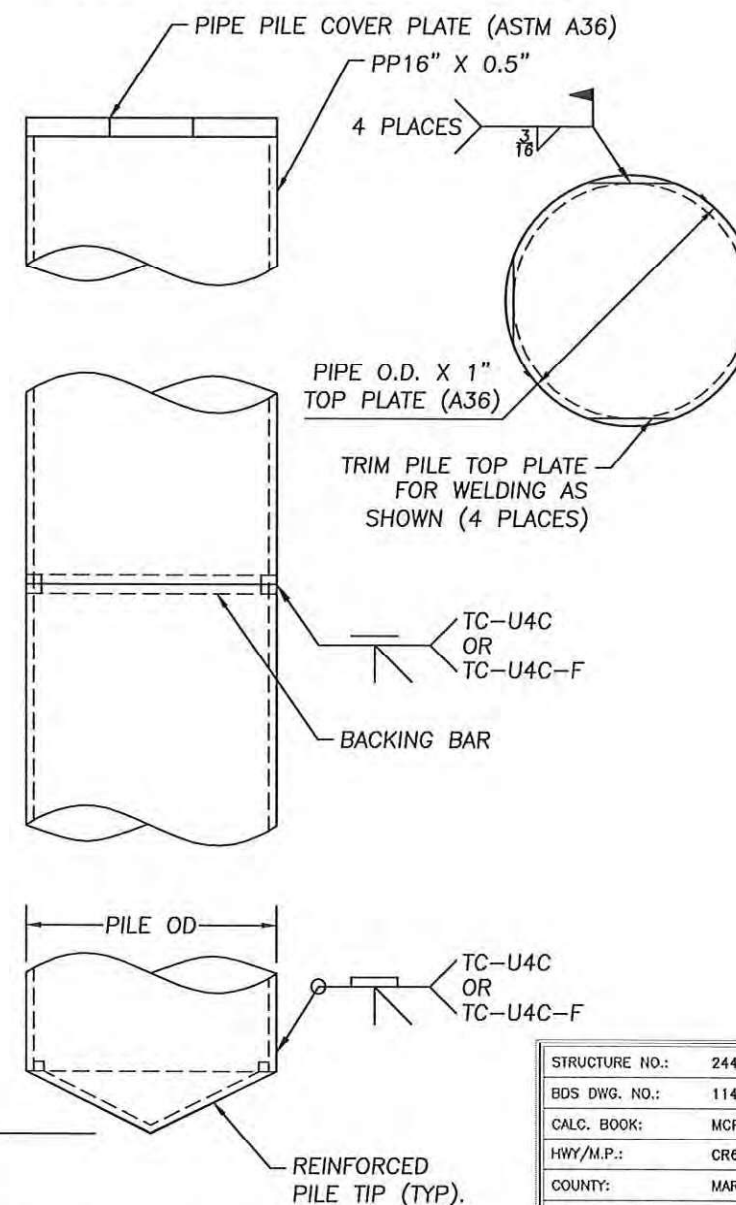
REQUIRED MIN.
PILE TIP ELEVATION

② PIPE PILE SPLICE DETAIL (CLOSED END)
SCALE: N.T.S.

PILE PENETRATION TABLE				
BENT	MIN. TIP ELEV. (FT)	ESTIMATED TIP ELEV. (FT)	AS-CONST. TIP ELEV. (FT)	AVG. CUT-OFF ELEV. (FT)
1	110.7	71.8	---	124.70
2	110.7	71.8	---	124.70

FOUNDATION NOTES:

1. DRIVE ALL PILING TO THE SPECIFIED NOMINAL RESISTANCE USING DRIVING CRITERIA DEVELOPED FROM THE WAVE EQUATION ANALYSIS PROGRAM (WEAP).
2. ESTIMATED PILE TIP ELEVATIONS ARE PROVIDED IN THE PILE PENETRATION TABLE TO ACHIEVE THE REQUIRED NOMINAL RESISTANCE.
3. PROVIDE PP PP16" X 0.5", ASTM A252, GRADE 3 (FY = 45 KSI) 4 KSI CONCRETE FILLED PILING DRIVEN CLOSED-ENDED TO NOMINAL RESISTANCE OF 223 KIPS PER PILE.



STRUCTURE NO.:	24465
BDS DWG. NO.:	114086
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



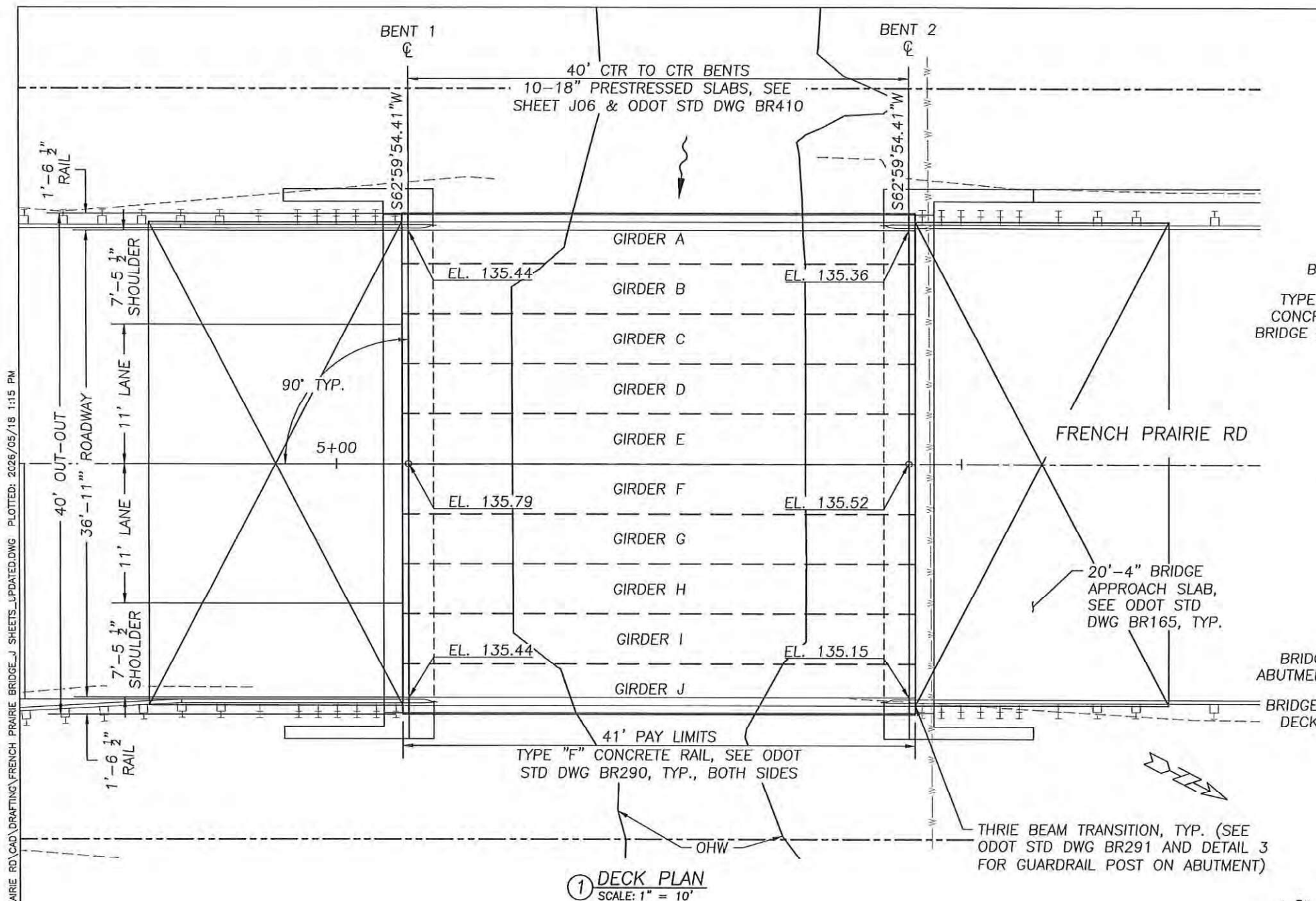
MARION COUNTY
FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:
FOUNDATION
PLAN

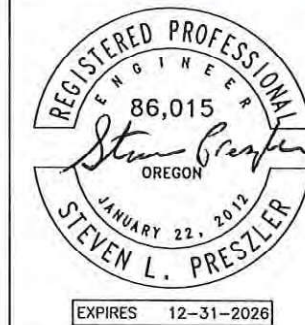
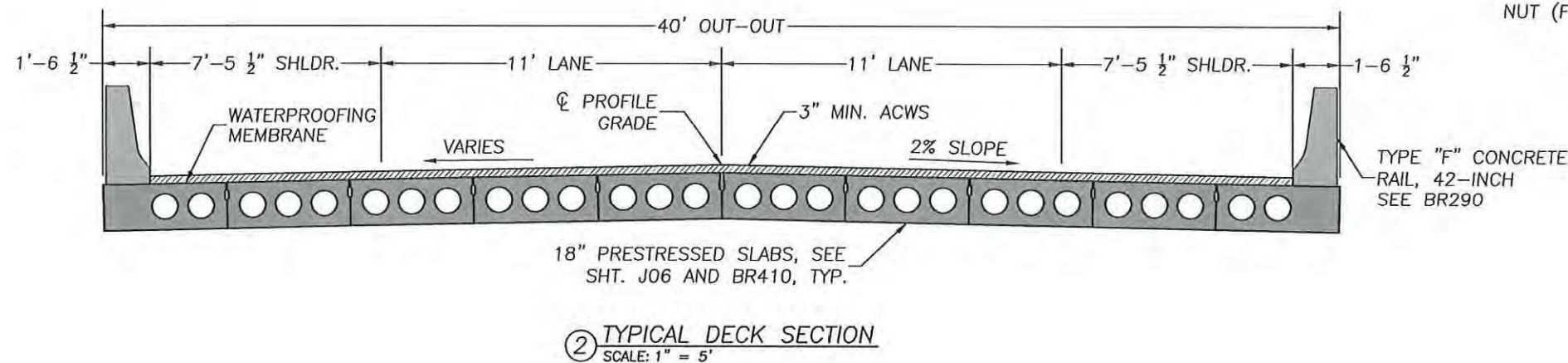
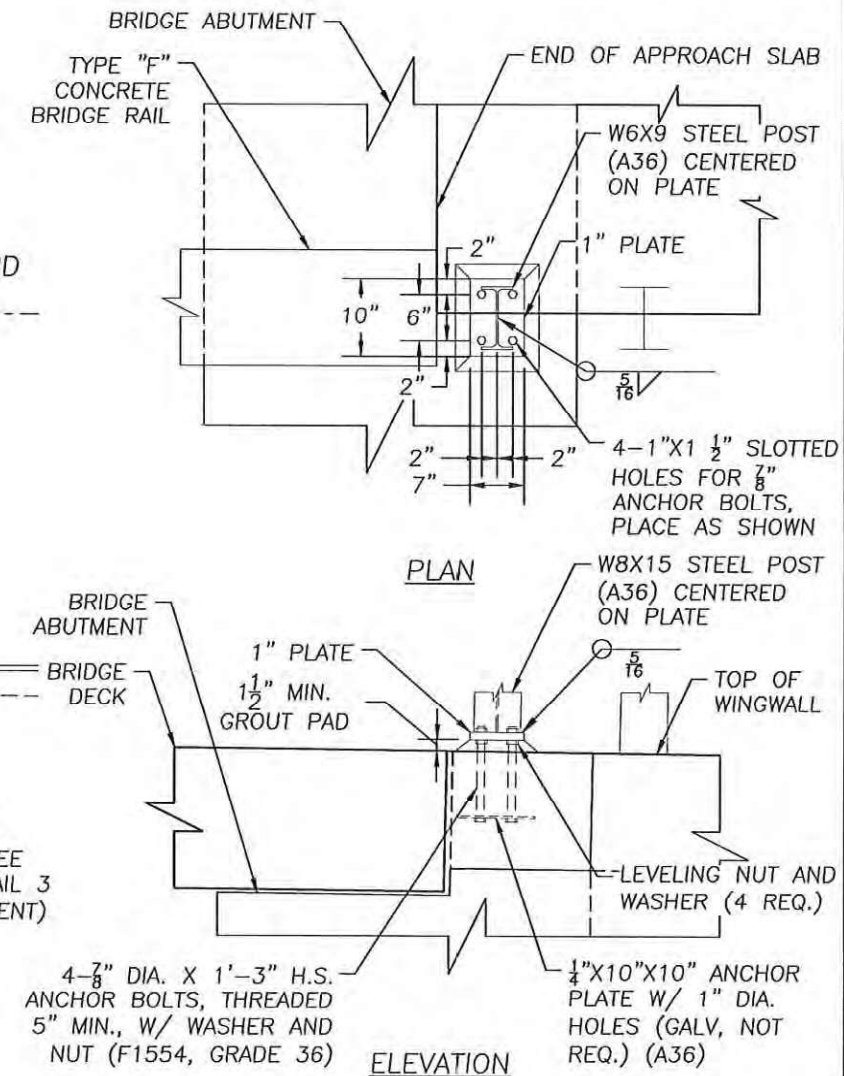
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DECK PLAN NOTES:

1. DECK ELEVATIONS SHOWN ARE AT FINISHED GRADE AT THE INTERSECTION OF CL BENT AND ROAD CENTERLINE AND AT THE INTERSECTION OF CL BENT AND FACE OF RAIL.
2. GIRDERS ARE LABELED ALPHABETICALLY FROM WEST TO EAST.



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FFD. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OGRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

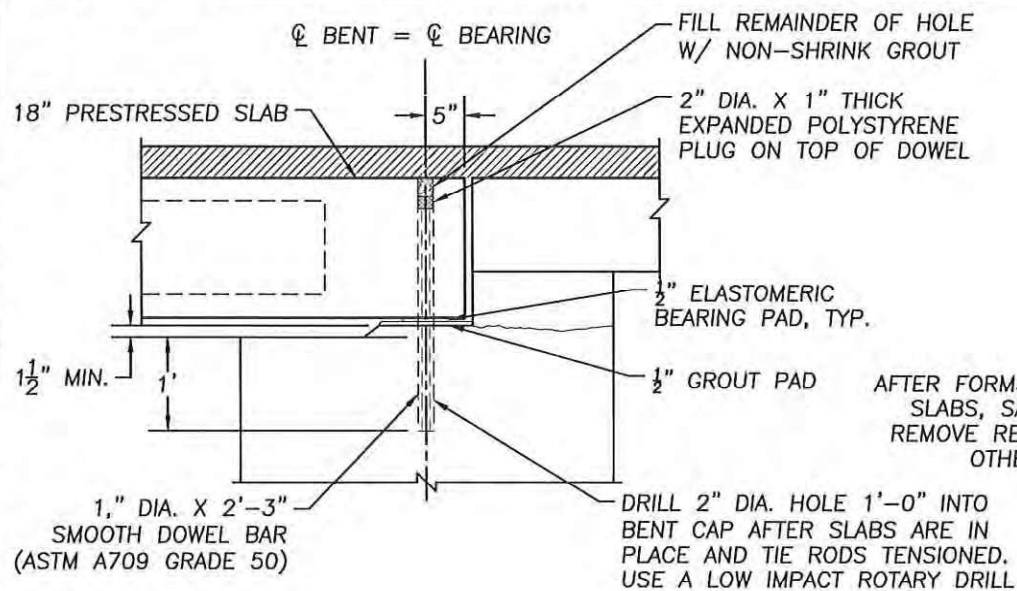
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STRUCTURE NO.:	24465
BDS DWG. NO.:	114087
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

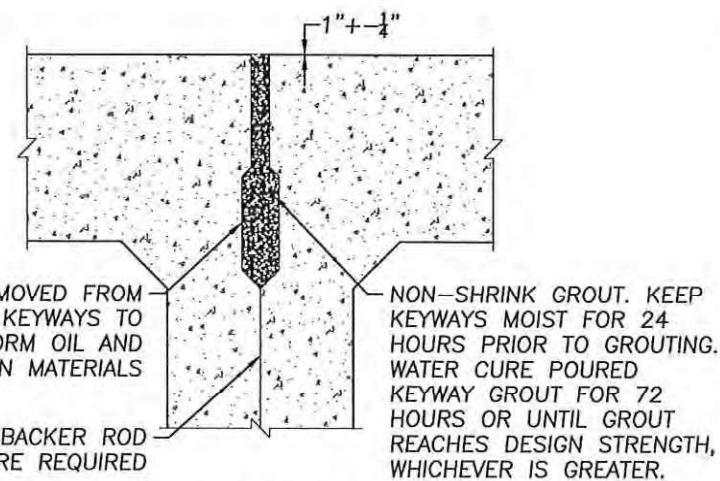
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GIRDER SCHEDULE

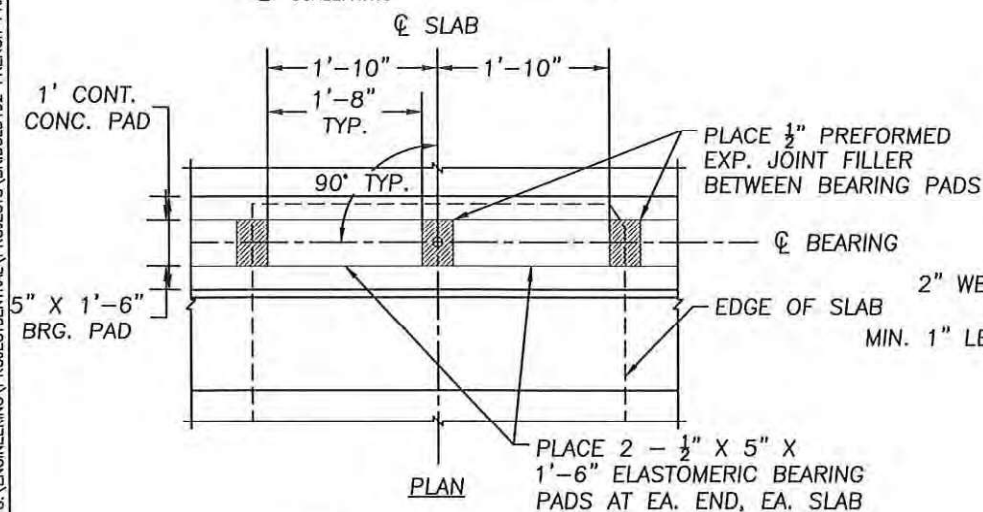
SLAB NUMBER	NO. OF SLABS	SPAN NUMBER	HORIZONTAL LENGTH OF SLAB 0-0 AFTER SHORTENING	SKEW ANGLE		TOTAL STRANDS	DEBONDED STRANDS	DISTANCE "YC" TO C.G. STRAND AT MIDSPAN, IN	DISTANCE "YU" TO C.G. AT MIDSPAN SUBTRACTING TOP STRAND, IN	CONCRETE STRENGTH @ 28 DAYS, KSI	CONCRETE STRENGTH @ RELEASE, KSI	INITIAL TENSION PER STRAND, KIPS	ESTIMATED SPAN DEFLECTION			ESTIMATED SHORTENING 2 WEEKS AFTER TRANSFER OF PRESTRESS, IN
				BACK	AHEAD								UPWARD AT RELEASE, IN	UPWARD 3 MOS. AFTER RELEASE (NO SIDL), IN	INSTANTANEOUS DOWNWARD DUE TO SIDL, IN	
A&J	2	1	40.83	0	0	22	0	3.98	2.88	5.5	4.2	31.0	0.8	1.3	0.2	0.15
B-I	8	1	40.83	0	0	22	0	3.98	2.88	5.5	4.2	31.0	0.7	1.3	0.2	0.16



② CONCRETE PAD DETAIL
SCALE: N.T.S.



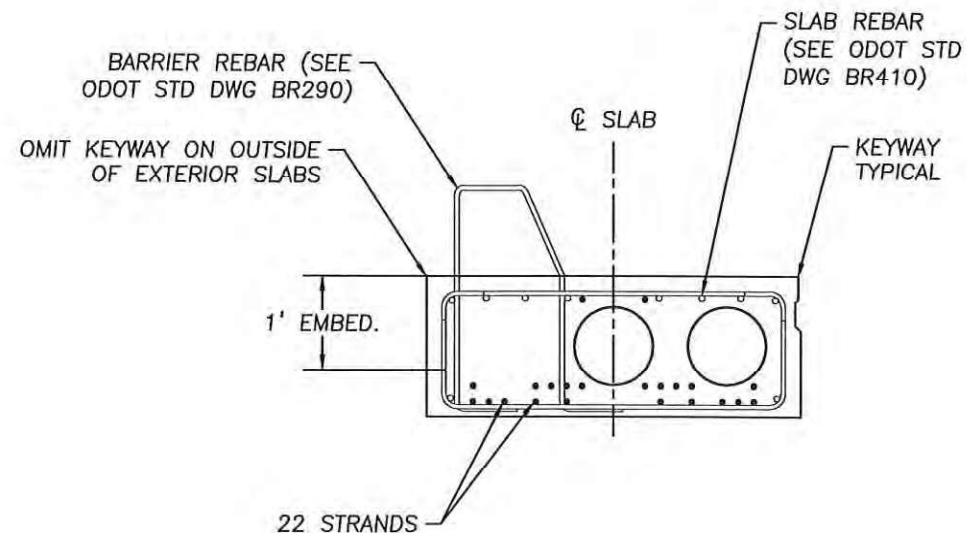
③ KEYWAY GROUT DETAIL
SCALE: N.T.S.



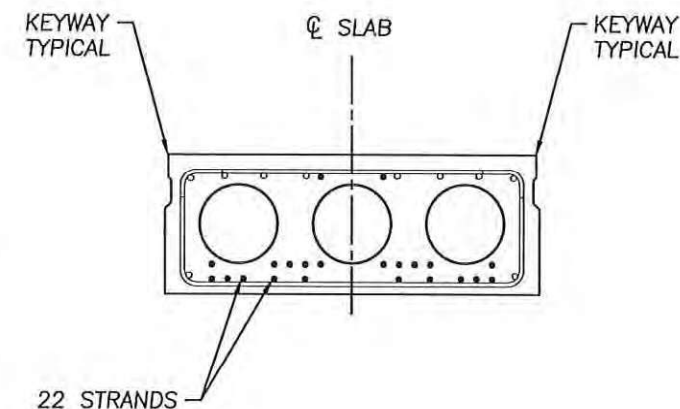
⑤ BEARING DETAIL
SCALE: N.T.S.

	INT. SLABS	EXT. SLABS
MIN. ACWS	3"	3"
ANTICIPATED CAMBER @ 3 MOS.	1.3"	1.3"
DOWNWARD DUE TO SIDL	-0.2"	-0.2"
VERTICAL CURVE CORRECTION	0"	0"
CONSTRUCTION TOLERANCE	0.5"	0.5"
WEARING SURFACE THICKNESS @ BENTS	4.3"	4.3"

⑥ ACWS BUILD-UP DETAIL
SCALE: N.T.S.



① TYPICAL EXTERIOR SECTION
SCALE: N.T.S.



④ TYPICAL INTERIOR SECTION
SCALE: N.T.S.

GIRDER SCHEDULE NOTES:

1. FOR DETAILS NOT SHOWN, SEE ODOT STD DWG. BR410 AND BR445.

STRUCTURE NO.:	24465
BDS DWG. NO.:	114088
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY

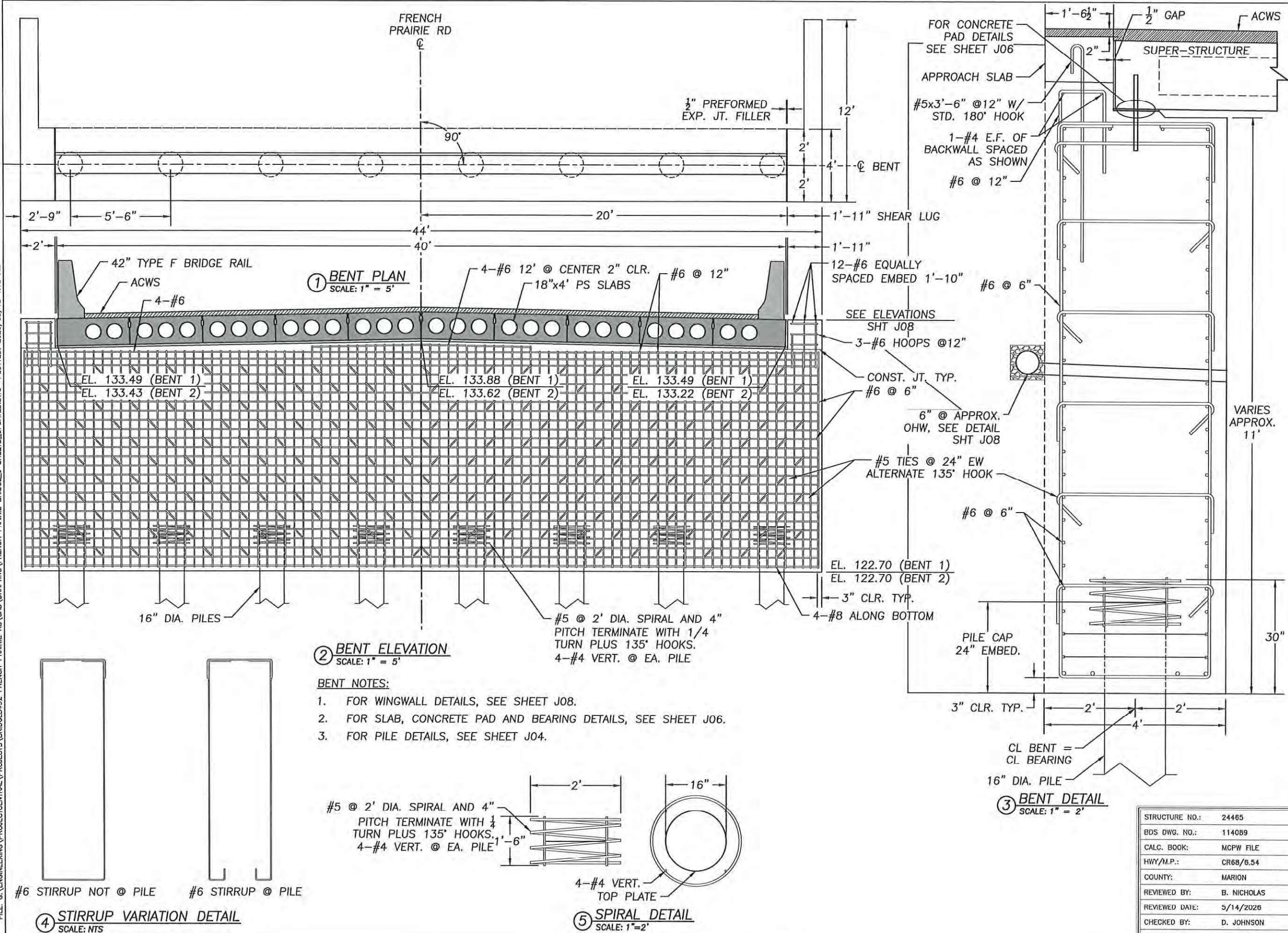
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

GIRDER SCHEDULE

SHEET:
J06

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE_J SHEETS_UPDATED.DWG PLOTTED: 2025/05/18 1:15 PM



MARION COUNTY

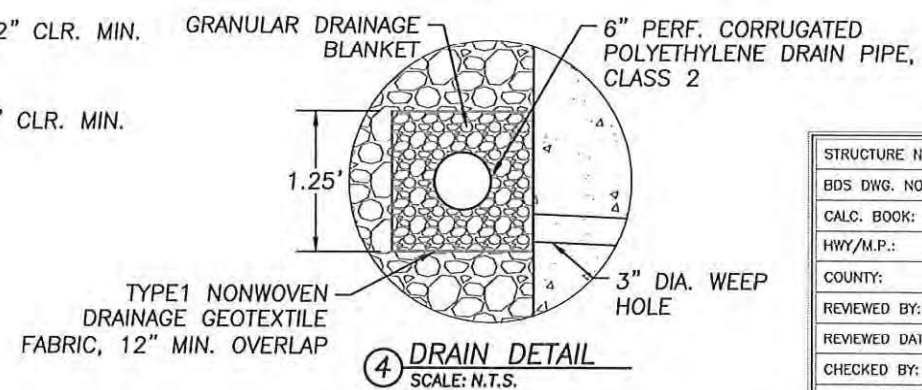
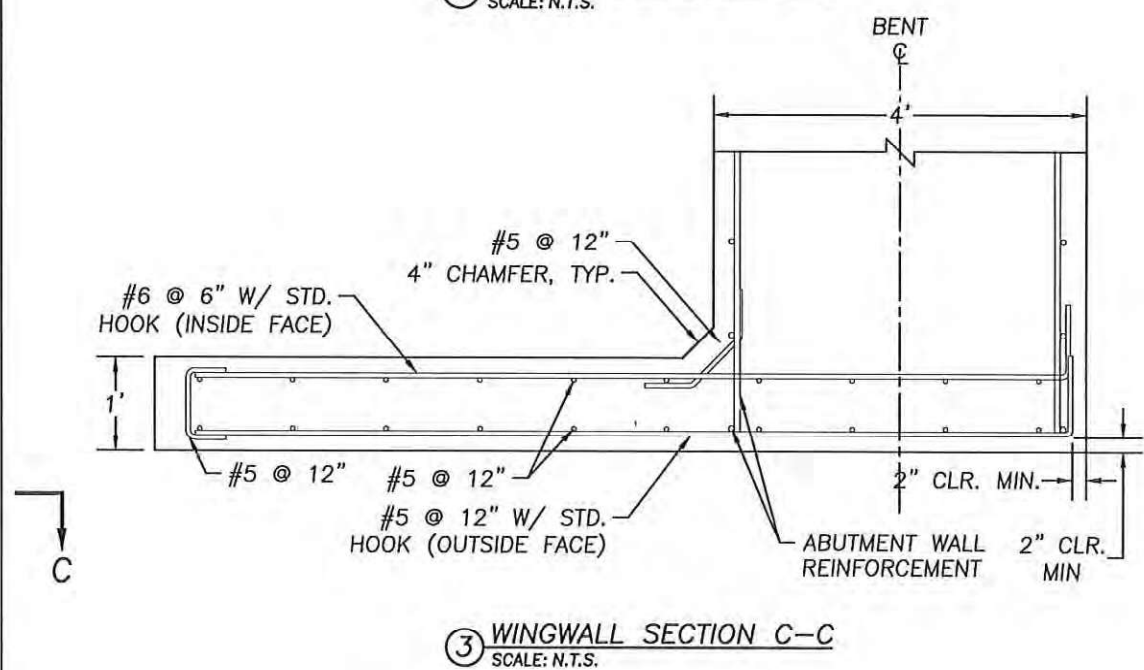
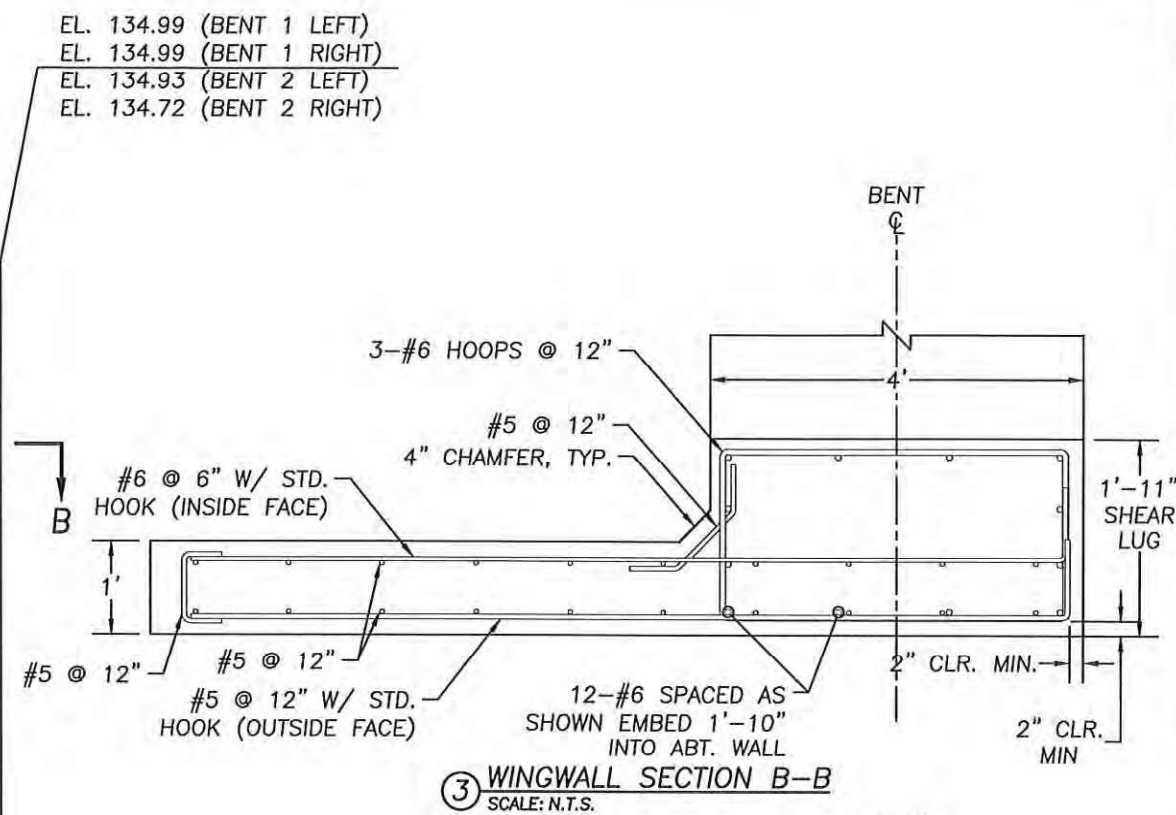
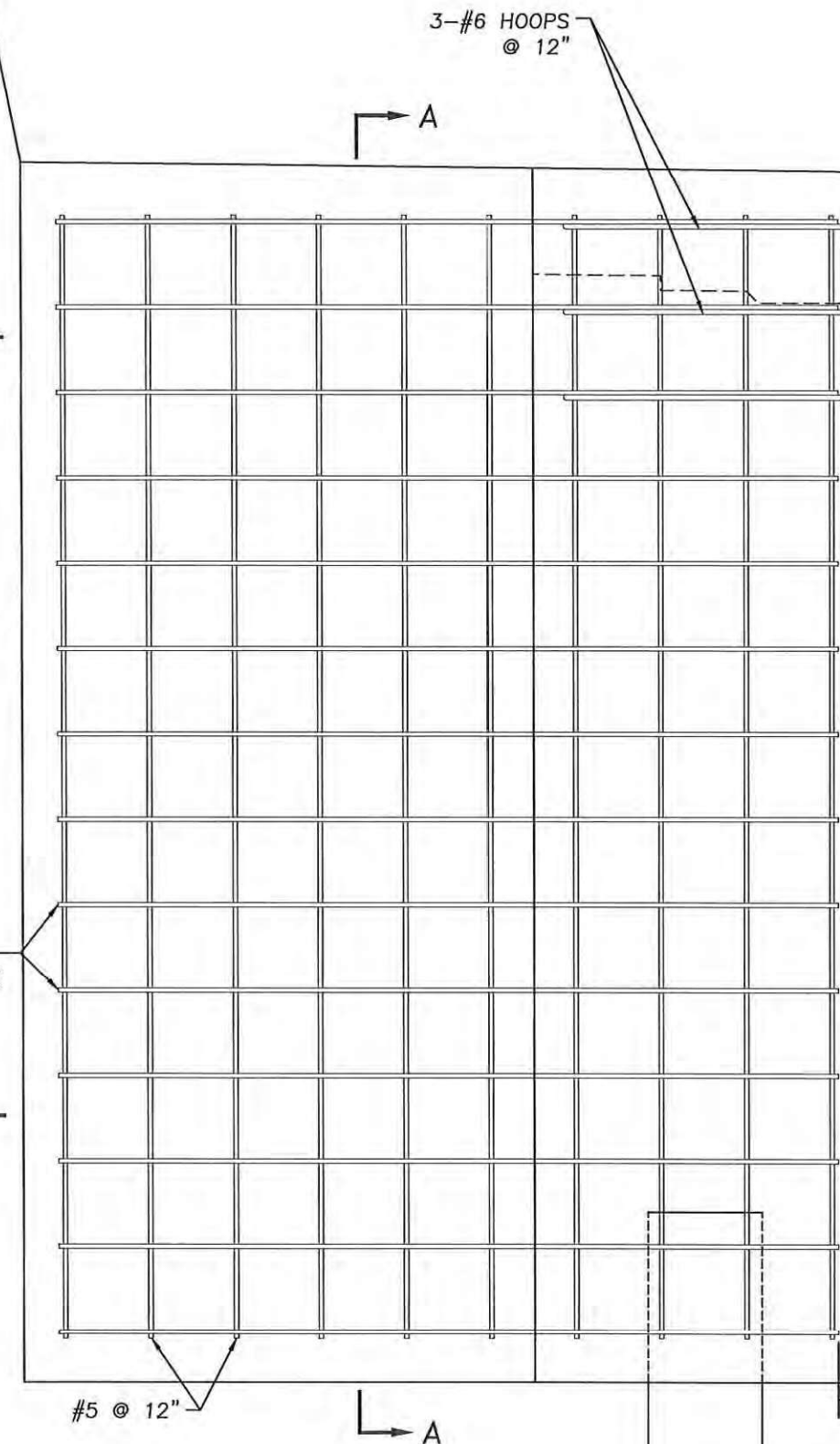
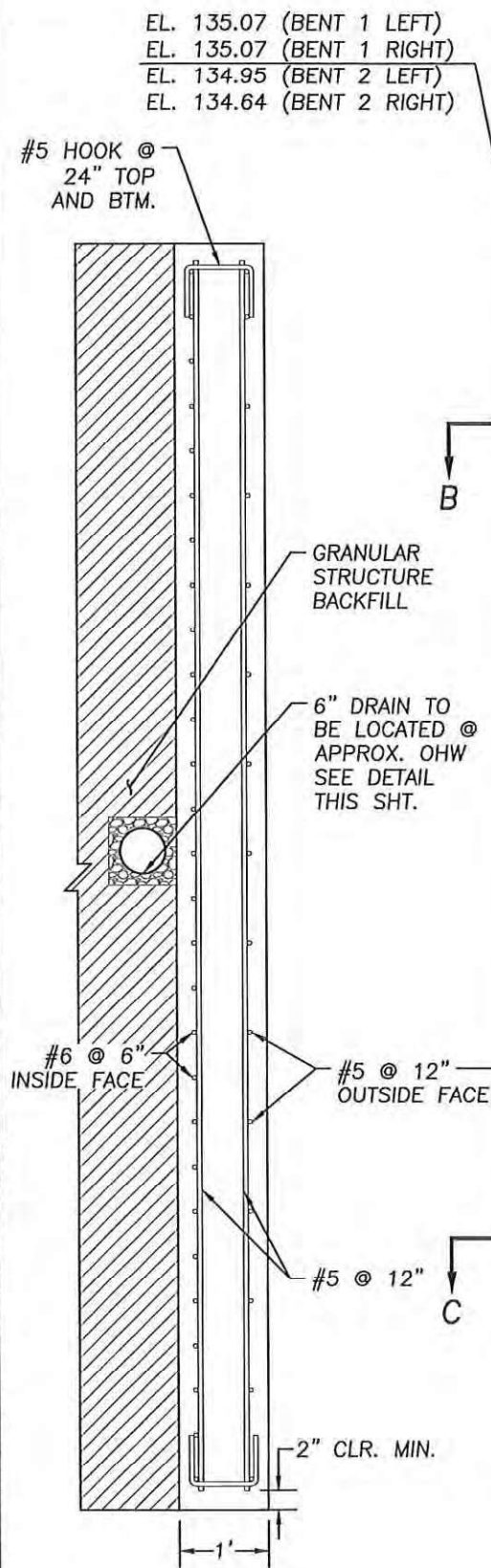
FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY
TITLE:	BENT PLAN AND ELEVATION
SHEET:	J07

STRUCTURE NO.:	24465
BDS DWG. NO.:	114089
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE_J SHEETS_UPDATED.DWG PLOTTED: 2026/05/18 1:15 PM



STRUCTURE NO.:	24465
BDS DWG. NO.:	114090
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

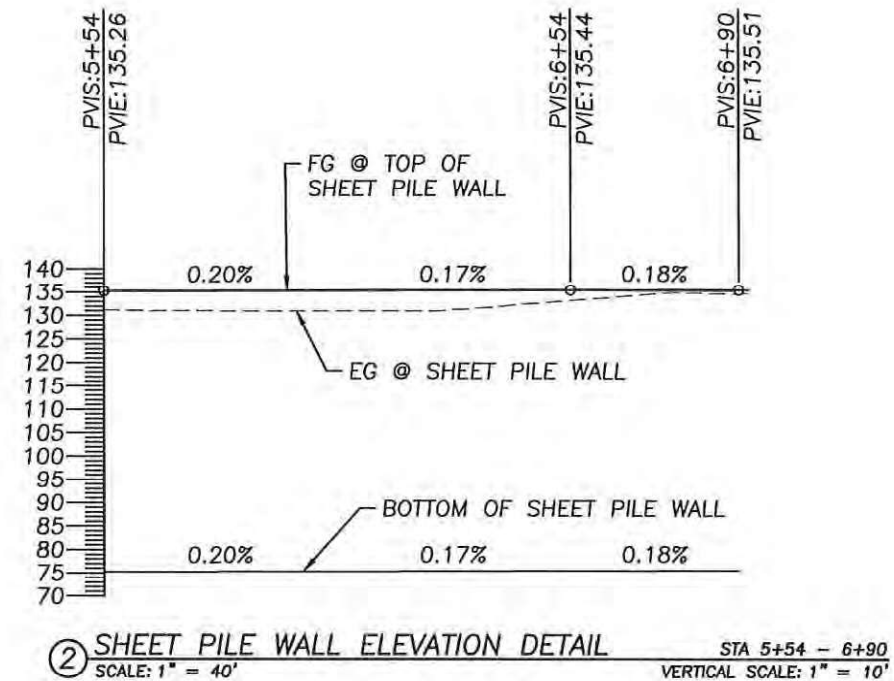
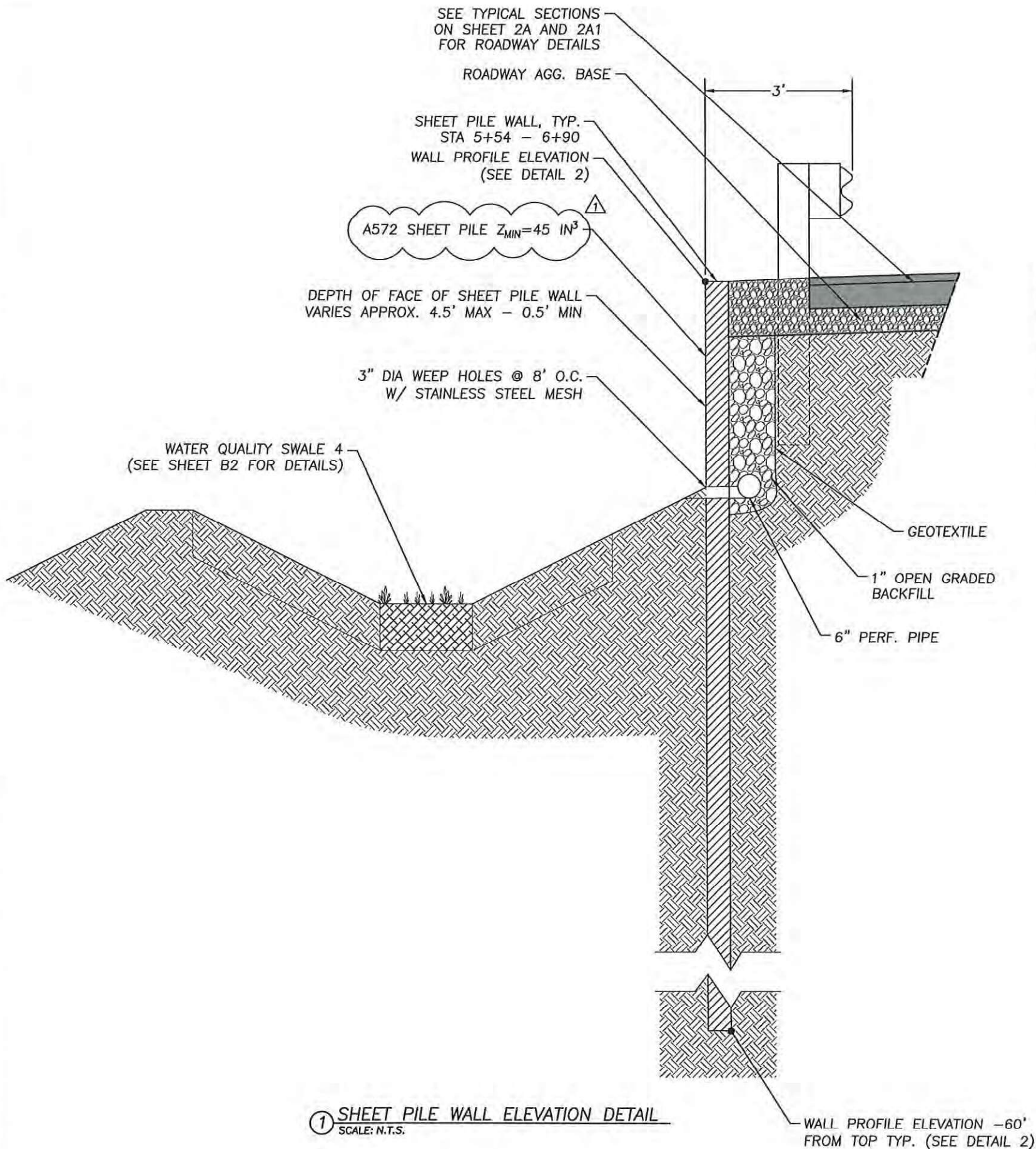


PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:
WINGWALL
DETAILS

SHEET:
J08

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE_J SHEETS_UPDATED.DWG PLOTTED: 2025/06/02 12:18 PM



△ ADDENDUM #1 REVISION



MARION COUNTY

**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ECMS NO.:	2025-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
ROAD NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

STRUCTURE NO.:	24465
BDS DWG. NO.:	114091
CALC. BOOK:	MCPW FILE
HWY/M.P.:	CR68/6.54
COUNTY:	MARION
REVIEWED BY:	B. NICHOLAS
REVIEWED DATE:	5/14/2026
CHECKED BY:	D. JOHNSON
CHECKED DATE:	5/14/2026

TITLE:

**SHEET PILE
WALL DETAILS**

SHEET:

J09

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE EROSION AND SEDIMENT CONTROL PLAN.DWG PLOTTED: 2026/05/18 1:16 PM

MARION COUNTY DEPARTMENT OF PUBLIC WORKS

30% DAP EROSION AND SEDIMENT CONTROL PLAN FOR

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS:

WEST FORK CHAMPOEG CREEK BRIDGE (BR05492) IS LOCATED ON FRENCH PRAIRIE RD NE, A TWO-LANE MINOR COLLECTOR TO THE SOUTH OF THE INTERSECTION OF HW219 AND MAHONY RD, IN A RURAL FARMLAND AREA WEST OF THE CITY OF WOODBURN. THE EXISTING BRIDGE SERVES LOCAL TRAFFIC AND ADJACENT FARMLAND VEHICLES AND IS WEIGHT-LIMITED. ADDITIONALLY, THE BRIDGE HAS SUBSTANDARD BRIDGE RAIL, NO APPROACH GUARDRAIL, AND LACKS ADEQUATE STORMWATER INFRASTRUCTURE. WHILE THE PROJECT SITE HAS DENSE VEGETATED COVER IN WETLAND AREAS, IT HAS OTHERWISE POOR VEGETATIVE COVER, ESPECIALLY IN THE EXISTING ROADSIDE DITCHES WHERE SIGNIFICANT EROSION HAS OCCURRED.

DEVELOPED CONDITIONS:

THE PROPOSED PROJECT CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE, THE CONSTRUCTION OF THE REPLACEMENT BRIDGE, THE WIDENING AND RE-PAVING OF BOTH THE NORTH AND SOUTH APPROACHES, AND THE ADDITION OF NEW CURB, GUTTER, AND STORMWATER INFRASTRUCTURE. NEW DITCHES AND BIOFILTRATION SWALES WILL BE CONSTRUCTED ALONG EACH SIDE OF THE ROADWAY, AND EXISTING CULVERTS IN THE PROJECT SITE WILL BE REPLACED.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE:

CONSTRUCTION IN JULY-OCTOBER 2026:

- CLEARING: TBD BY CONTRACTOR SCHEDULE
- MASS GRADING: TBD BY CONTRACTOR SCHEDULE
- UTILITY INSTALLATION: TBD BY CONTRACTOR SCHEDULE
- PAVING CONSTRUCTION: TBD BY CONTRACTOR SCHEDULE
- FINAL STABILIZATION: TBD BY CONTRACTOR SCHEDULE

ESTIMATE PROJECT AREA AND VOLUMES:

- TOTAL ESTIMATED PERMITTED SITE AREA = 1.69 ACRES
- TOTAL DISTURBED AREA = 1.12 ACRES (MAXIMUM AREA DISTURBED AT ONE TIME)
- TOTAL ESTIMATED CLEARING AND GRUBBING VOLUME: 600 CY
- TOTAL ESTIMATED EXCAVATION VOLUME: 2370 CY
- TOTAL ESTIMATED EMBANKMENT VOLUME: 1200 CY (NO FACTORS APPLIED)

SITE SOIL CLASSIFICATION:

WOODBURN SILT LOAM, 0-20%

HYDROLOGIC SOIL GROUP: C

EROSION POTENTIAL IS MODERATE TO HIGH (1200-CA APPENDIX B)

BASHAW CLAY, 0-1%

HYDROLOGIC SOIL GROUP: D

EROSION POTENTIAL IS LOW (1200-CA APPENDIX B)

ALL FILL MATERIAL SHALL BE EITHER GENERATED ON-SITE FROM GRADING EXCAVATION AND/OR UTILITY TRENCH SPOILS, OR IMPORTED SUITABLE SOIL FILL MATERIAL.

RECEIVING WATER BODIES:

PROJECT SITE DRAINS INTO WEST FORK CHAMPOEG CREEK, WHICH IS PART OF A 303(D) CATEGORY 5 IMPAIRED RIVER BASIN. TO THE NORTH OF THE PROJECT SITE, THIS CREEK BECOMES CHAMPOEG CREEK AND THEN FLOWS NORTHEASTERLY INTO THE MCKAY AND SPADA RESERVOIRS. THE RIVER CONTINUES UNTIL FINALLY FLOWING INTO THE WILLAMETTE RIVER. THE NORTH SIDE OF PROJECT SITE ALSO ENCLOSES ON TWO DESIGNATED WETLAND AREAS.

CONTAMINATED MEDIA MANAGEMENT PLAN:

THE CONSTRUCTION MATERIAL SURVEY (CMS) CONDUCTED FOR THE PROJECT BY SHANNON & WILSON IN JUNE, 2025, IDENTIFIED CHROMIUM AND LEAD IN THE EXISTING BRIDGE MATERIALS. THE CMS RECOMMENDS COMPLETION OF A SP00296 FOR THE HANDLING AND DISPOSAL OF PAINT AND PAINTED MATERIALS PRIOR TO CONSTRUCTION. ADDITIONALLY,

CONSTRUCTION PERSONNEL SHOULD BE TRAINED ACCORDING TO 29 CFR 1926.62(1) AND 29 CFR 1926.1126(J)(2) FOR LEAD AWARENESS AND FOR CHROMIUM DURING DEMOLITION OF PAINTED PORTIONS IN THE PROJECT CORRIDOR, RESPECTIVELY.

RAIN GAUGE:

DW3664 HILLSBORO

[HTTPS://WWW.WEATHER.GOV/ILN/RAINFALL-MONITORING](https://www.weather.gov/iln/RAINFALL-MONITORING)

EROSION AND SEDIMENT CONTROL

Sheet Number	Sheet Title
GA	ESCP COVER
GA1	ESCP NOTES
GA2	ESCP DEMO AND GRADING (PHASE 1)
GA3	ESCP STREET AND UTILITIES (PHASE 2)
GA4	ESCP FINAL STABILIZATION (PHASE 3)

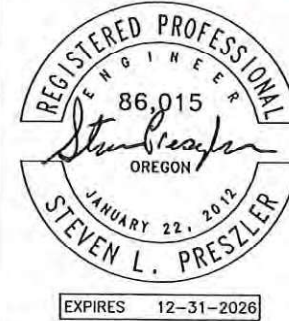
INSPECTION FREQUENCY

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE. AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
2. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THAN ONCE PER MONTH.
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGE LIKELY.
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGE LIKELY.

GENERAL NOTES:

1. THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-CA PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200-CA PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200-CA PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.
2. SEE SHEETS GA1 FOR ADDITIONAL NOTES AND BMP MATRIX.

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:

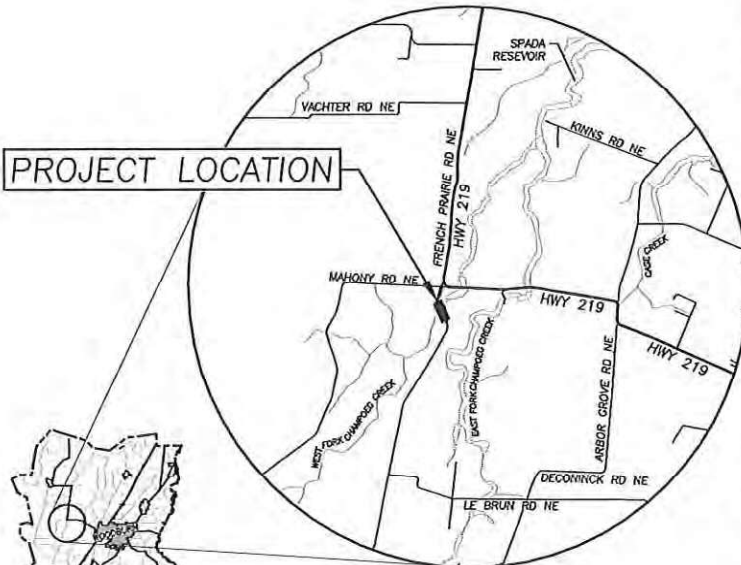
ESCP COVER

SHEET:

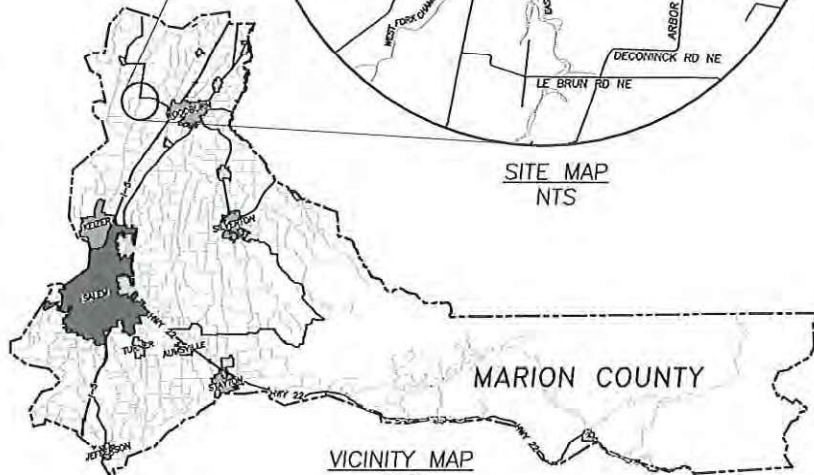
GA

MARION COUNTY

DEPARTMENT OF PUBLIC WORKS



SITE MAP
NTS



OWNER
MARION COUNTY
5155 SILVERTON ROAD
SALEM, OR 97305
PHONE: 503-588-5036

DESIGN ENGINEER
MARION COUNTY PUBLIC WORKS
CONTACT: STEVEN PRESZLER, PE
5155 SILVERTON ROAD
SALEM, OR 97305
PHONE: 503-365-3157

CONTRACTOR
CONTRACTOR/COMPANY: TBD
CONTACT: TBD
ADDRESS: TBD
EMAIL: TBD

BUSINESS DAYS/HOURS:
MONDAY 8:00-5:00
TUESDAY 8:00-5:00
WEDNESDAY 8:00-5:00
THURSDAY 8:00-5:00
FRIDAY 8:00-5:00
SATURDAY -NO WORK-
SUNDAY -NO WORK-

ESCP VISUAL MONITORING
INSPECTOR(S)
COMPANY/AGENCY: TBD
NAME AND TITLE:
PHONE:
E-MAIL:
CERTIFICATIONS:

ATTENTION:

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY CENTER IS (503) 232-1987)

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE EROSION AND SEDIMENT CONTROL PLAN.DWG PLOTTED: 2026/05/18 1:16 PM

STANDARD EROSION AND SEDIMENT CONTROL PLAN NOTES

1. ONCE KNOWN, INCLUDE A LIST OF ALL CONTRACTORS THAT WILL ENGAGE IN CONSTRUCTION ACTIVITIES ON SITE, AND THE AREAS OF THE SITE WHERE THE CONTRACTOR(S) WILL ENGAGE IN CONSTRUCTION ACTIVITIES. REVISE THE LIST AS APPROPRIATE UNTIL PROJECT COMPLETION (SECTION 15.4.C.I). IN ADDITION, INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER (SEE SECTION 15.10), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 15.4.C.II)
2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 17.5)
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 17.5.Q)
4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. (SECTION 15.7)
5. THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 15 AND 15.11)
6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 15.8)
7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 15.9)
8. SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 13.2.2)
9. CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 13.2.3)
10. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 13.2.1)
11. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 13.2.5)
12. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50- FEET OF WATERS OF THE STATE. (SECTION 13.2.4)
13. INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTIONS 13.1.3)
14. CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAM BANKS. (SECTIONS 13.1.1. AND 13.2.16)
15. CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 13.2.6 AND 13.2.13)
16. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 13.2.14)
17. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS.(SECTIONS 13.2.20 AND 13.2.21)
18. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 13.3.7)
19. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT). (SECTION 13.3.7)
20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS MUST BE IN PLACE PRIOR TO LAND- DISTURBING ACTIVITIES. (SECTION 13.2.7)
21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 13.2.7.F)
22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 12 AND 13.3.9)
23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 13.2.10)
24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 13.2.12)
25. USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (SECTIONS 13.2.15 AND 13.3)
26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 13.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 13.2.17.A)
27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 13.2.17 AND 13.2.18)
28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 13.4)
29. IMPLEMENT THE FOLLOWING BMPS WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SECTION 13.3)
30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 13.2.9)
31. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASE O SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SECTION 13.3.5)
32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SECTION 6)
33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 13.2)
34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 13.2.8)
35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 13.1.5.B)
36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. (SECTION 13.1.5.C)
37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SECTION 13.1.5.D)
38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME. (SECTION 13.2.19.A)
39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 13.2.19)
40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 17.5.F.)
41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 13.2.20)
42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED MOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING PROJECT COMPLETION. (SECTION 13.2.21)

BMP MATRIX FOR CONSTRUCTION ACTIVITIES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.

BMP MATRIX FOR CONSTRUCTION (REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.)						
	CLEARING	MASS GRADING	UTILITY INSTAL-LATION	PAVING CONS-TRUCTION	FINAL STABIL-IZATION	WET WEATHER (OCT. 1 - MAY 31ST)
EROSION PREVENTION						
PRESERVE NATURAL VEGETATION	X	X	X	X	X	X
DUST CONTROL	X	X	X	X	X	X
TEMPORARY/PERMANENT SEEDING					X*	X
BUFFER ZONE	X*	X*	X*	X*	X*	
OTHER:						
SEDIMENT CONTROL						
SEDIMENT FENCE (PERIMETER)	X*,**	X*	X*	X*	X*	X
SEDIMENT FENCE (INTERIOR)	X*,**	X*	X*	X*	X*	
STRAW WATTLES	X*	X*	X*	X*		
FILTER BERM						
INLET PROTECTION			X	X	X	X
SEDIMENT TRAP						
SLOPE & CHANNEL MATTING, TYPE D			X*	X*	X*	
OTHER:						
RUNOFF CONTROL						
CONSTRUCTION ENTRANCE	X	X	X	X		
OUTLET PROTECTION			X	X	X	
CHECK DAMS	X	X	X	X	X	X
OTHER:						
POLLUTION PREVENTION						
PROPER SIGNAGE	X	X	X	X	X	X
HAZARDOUS WASTE MANAGEMENT	X	X	X	X	X	X
SPILL KIT ON-SITE	X	X	X	X	X	X
CONCRETE WASHOUT AREA	X	X	X	X		
OTHER:						

- * SIGNIFIES ADDITIONAL BMP'S REQUIRED FOR WORK WITHIN 50' OF WATER OF THE STATE.
- ** SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

RATIONALE STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ's GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

INITIAL



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

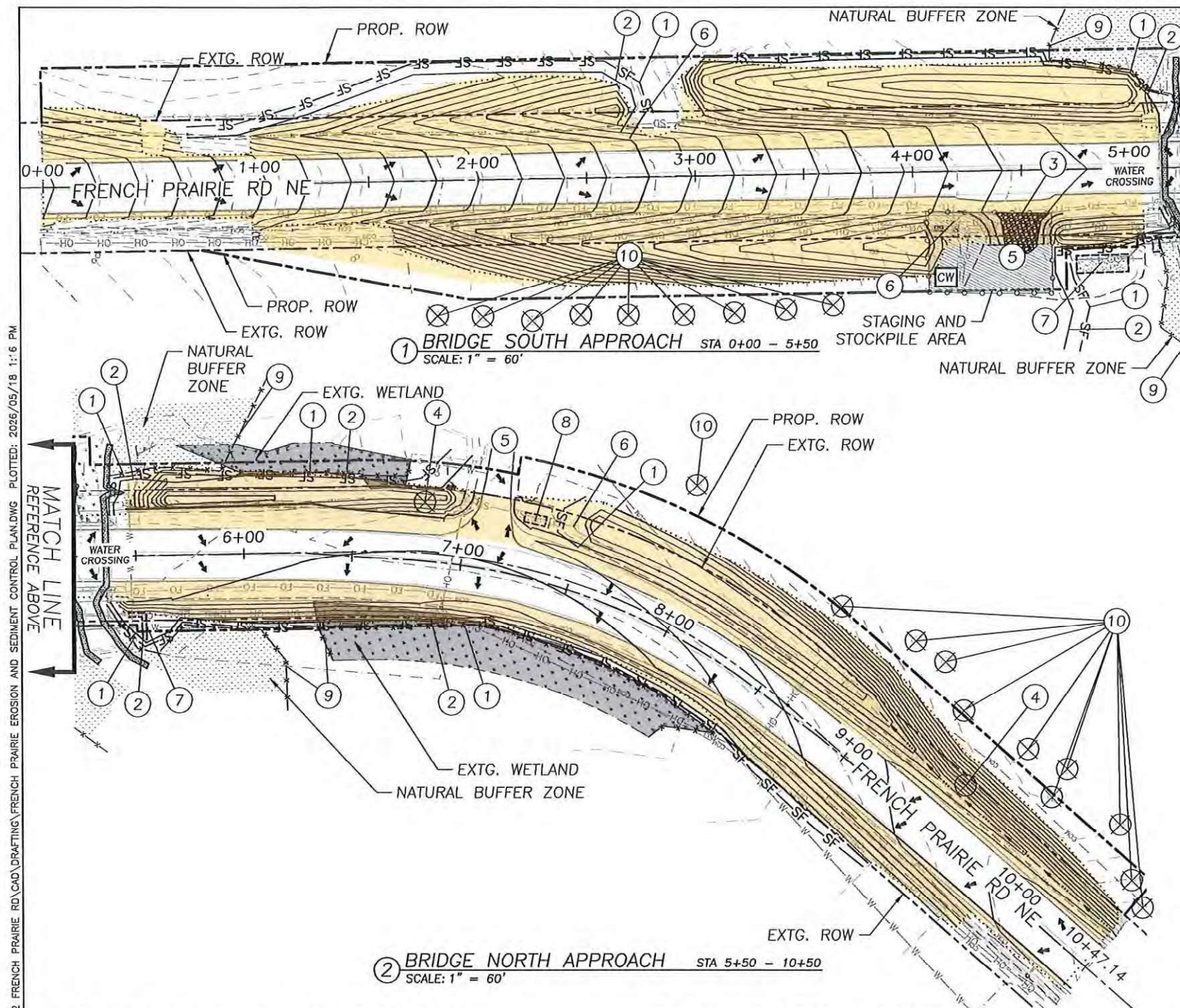
PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:

ESCP NOTES

SHEET:
GA1

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE EROSION AND SEDIMENT CONTROL PLAN.DWG PLOTTED: 2026/05/18 1:16 PM



CONSTRUCTION KEYNOTES

1. INSTALL SEDIMENT FENCE, TYPE 1, TOTAL LENGTH = 1220 FT (SEE ODOT STD. DWG. RD 1040)
2. INSTALL SEDIMENT BARRIER, TYPE 3, BEHIND SEDIMENT FENCE, AT THE EDGE OF DISTURBED AREAS AND ABOVE WETLAND/CREEKBED AS SHOWN (SEE ODOT STD. DWG. RD1030)
3. CONSTRUCT CONSTRUCTION ENTRANCE, TYPE 1, 1 EA. (SEE ODOT STD. DWG. RD1000). NOTE: CONTRACTOR TO COORDINATE WITH HOMEOWNER IF THEY NEED VEHICLE ACCESS TO FIELD
4. REMOVE EXTG. OAK TREE 2 EA.
5. PRESERVE RESIDENTIAL AND FIELD ROADWAY ACCESS DURING CONSTRUCTION PERIODS
6. NOTE EXISTING CULVERTS (TO BE REMOVED AND REPLACED)
7. PROTECT EXISTING PRIVATE IRRIGATION STRUCTURE
8. PROTECT EXISTING MAILBOX
9. INSTALL AND MAINTAIN CONSTRUCTION PERIMETER FENCING AT WETLAND AND NATURAL BUFFER ZONE PERMITTED BOUNDARIES. DO NOT DISTURB EXISTING WETLAND OUTSIDE OF PERMITTED AREA.
10. REMOVE EXTG. HAZELNUT TREE 19 EA.

PROPOSED LEGEND

- 200—198— EXTG. SURFACE CONTOURS
- 200—198— PROP SURFACE CONTOURS
- - - - - EXTG. ROW
- - - - - PROP. ROW
- ➔ DRAINAGE FLOW ARROW
- ⊗ EXISTING TREE TO BE REMOVED
- SF- SEDIMENT FENCE
- SEDIMENT BARRIER
- ▨ ORDINARY HIGH WATER LINE
- ▨ WETLAND AREA
- ▨ STEEP SLOPE (>70%)
- CONSTRUCTION STAGING FENCE
- ▨ CONSTRUCTION ENTRANCE
- CW CONCRETE WASHOUT
- - - - - EXISTING DITCH
- x-x-x- WETLAND/NATURAL BUFFER ZONE FENCING
- ▨ NATURAL BUFFER ZONE
- ▨ AREA OF LAND DISTURBANCE

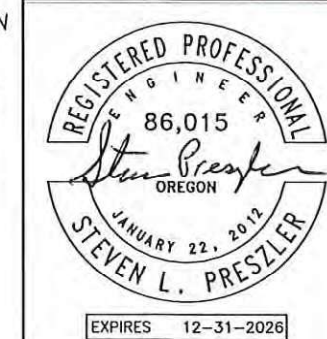
DEMOLITION/GRADING PHASE INFORMATION:

1. PHASE 1 WORK INCLUDES DEMOLITION (SAWCUTTING, ASPHALT PAVEMENT REMOVAL, BRIDGE RAIL REMOVAL**, ETC.), CLEARING AND GRUBBING, AND GRADING ACTIVITIES.
2. SEE SHEET GA FOR ONSITE SOIL TYPE.
3. EXISTING VEGETATION CONSISTS OF GRASSY GROUND COVER, BUSHES, AND TREES.
4. ONSITE FILL MATERIALS: NATIVE ON-SITE SOILS AND CRUSHED AGGREGATES.
5. ESTIMATED PHASE SCHEDULE:
 - START: TBD
 - FINISH: TBD

**POTENTIAL POLLUTANT GENERATING ACTIVITY, CONTRACTOR TO FOLLOW PCP AND ODOT SPEC SP000296 PRIOR TO CONSTRUCTION.

DEMOLITION/GRADING PHASE NOTES:

1. THE IMPLEMENTATION OF THESE EROSION CONTROL PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.
2. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE FACILITIES SHALL BE UPGRADED AS NEEDED FOR ANY UNEXPECTED STORM EVENTS AND TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
3. CONTRACTOR TO FOLLOW THE PROJECT SPECIFICATIONS INCLUDING SECTIONS ADDRESSING ENVIRONMENTAL PROTECTION AND EROSION AND SEDIMENT CONTROL. SECTIONS INCLUDE BUT ARE NOT LIMITED TO: SECTIONS 00280 AND 00290 OF THE ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTIONS.
4. CONTRACTOR TO PROVIDE A POLLUTION CONTROL PLAN (PCP) MEETING THE REQUIREMENTS OF SECTION 00290.30(B) OF THE PROJECT SPECIFICATIONS WHICH WILL ADDRESS SPILL PREVENTION, HAZARDOUS MATERIALS, ETC.
5. CONTRACTOR TO STAGE/STOCKPILE WITHIN THE PROJECT LIMITS AT THE STAGING/STOCKPILE LOCATION AS SHOWN IN PLANS. IF OFF-SITE STAGING IS REQUIRED, CONTRACTOR TO OBTAIN NECESSARY 1200C PERMITS.
6. PERIMETER CONTROLS NOT REQUIRED WHERE NOT SHOWN IN PLANS DUE TO TOPOGRAPHY AND SITE CONDITIONS.
7. IN ACCORDANCE WITH 1200-CA SECTION 13.2.4.B, PROJECT ACTIVITIES (INCLUDING STOCKPILING AND STAGING OF MATERIALS) ARE AUTHORIZED TO ENCROACH INTO THE EXISTING 50-FT NATURAL BUFFER ZONE AS CONDITIONED IN THE 401 WATER QUALITY CERTIFICATION.



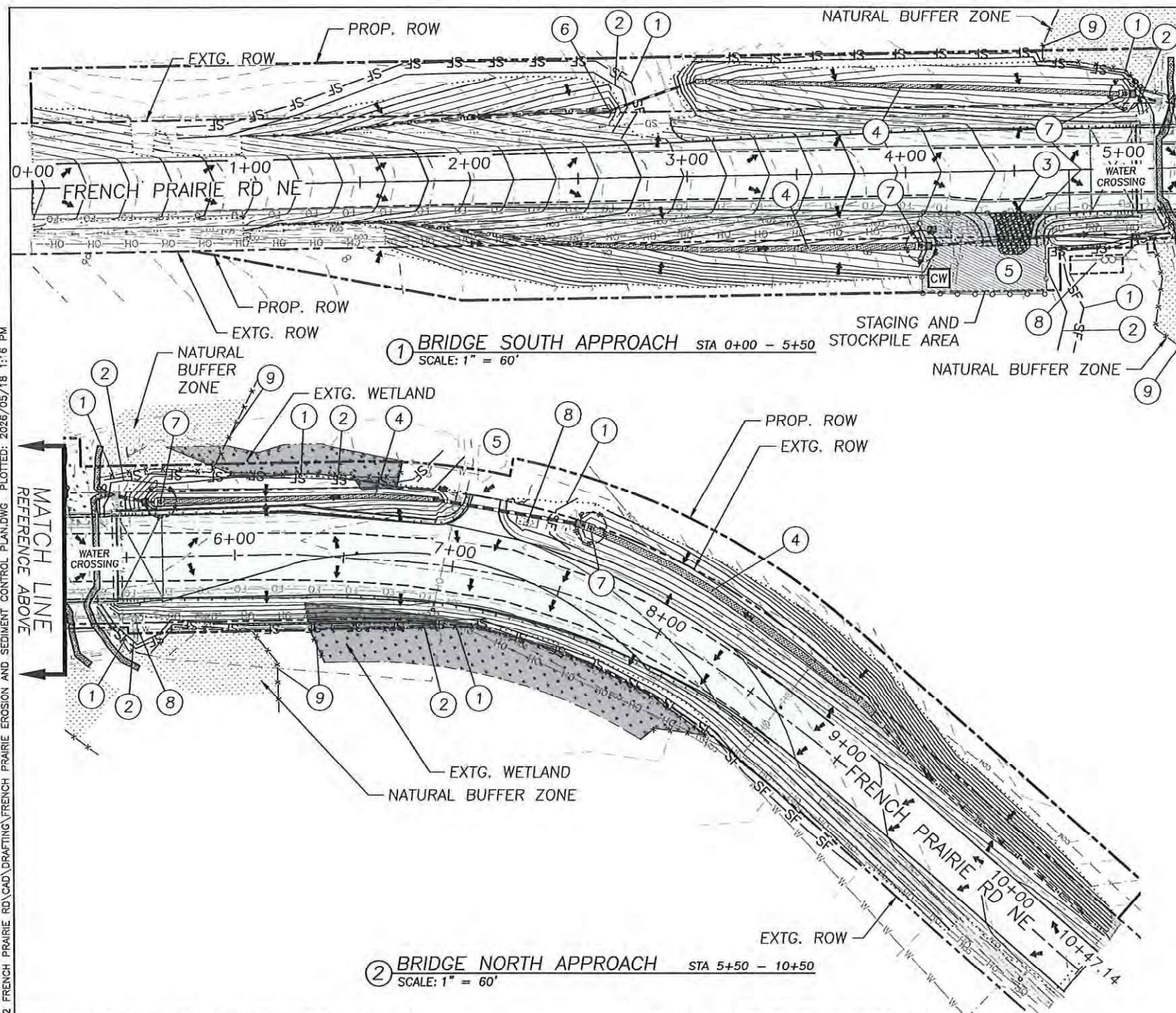
FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:
**PHASE 1 —
DEMO AND
GRADING**

SHEET:
GA2

FILE: G:\ENGINEERING\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE EROSION AND SEDIMENT CONTROL PLAN.DWG PLOTTED: 2026/05/18 1:16 PM



CONSTRUCTION KEYNOTES

- 1 MAINTAIN SEDIMENT FENCE, TYPE 1, TOTAL LENGTH = 1220 FT (SEE ODOT STD. DWG. RD 1040)
- 2 MAINTAIN SEDIMENT BARRIER, TYPE 3 (SEE ODOT STD. DWG. RD1030)
- 3 MAINTAIN CONSTRUCTION ENTRANCE, TYPE 1, 1 EA. (SEE ODOT STD. DWG. RD1000). NOTE: CONTRACTOR TO COORDINATE WITH HOMEOWNER IF THEY NEED VEHICLE ACCESS TO FIELD
- 4 CONSTRUCT AND MAINTAIN SLOPE AND CHANNEL MATTING, TYPE D (SEE ODOT STD. DWG. RD1055)
- 5 PRESERVE RESIDENTIAL AND FIELD ROADWAY ACCESS DURING CONSTRUCTION PERIODS
- 6 GRADE EXISTING DITCH TO PROPOSED STORMWATER PIPES
- 7 CONSTRUCT INLET PROTECTION, TYPE 4, 4 EA. (SEE ODOT STD. DWG. RD1015)
- 8 PROTECT EXISTING PRIVATE CONCRETE STRUCTURE
- 9 PROTECT EXISTING MAILBOX

PROPOSED LEGEND

- 200— EXTG. SURFACE CONTOURS
- 198— PROP SURFACE CONTOURS
- EXTG. ROW
- PROP. ROW
- ➔ DRAINAGE FLOW ARROW
- ⊗ EXISTING TREE TO BE REMOVED
- SF— SEDIMENT FENCE
- SEDIMENT BARRIER
- ▨ ORDINARY HIGH WATER LINE
- ▤ WETLAND AREA
- ▧ STEEP SLOPE (>70%)
- CONSTRUCTION STAGING FENCE
- ▨ CONSTRUCTION ENTRANCE
- ▢ CW CONCRETE WASHOUT
- EXISTING DITCH
- WETLAND/NATURAL BUFFER ZONE FENCING
- ▨ NATURAL BUFFER ZONE
- ▨ PROPOSED DITCH/SWALE AREA
- STORMWATER PIPE
- ▢ STORMWATER STRUCTURE
- ⊙ INLET PROTECTION

STREET/UTILITIES PHASE INFORMATION:

1. PHASE 2 WORK INCLUDES STREET AND UTILITY IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: STORMWATER, PAVING, STRIPING, AND OTHER MISCELLANEOUS WORK.
2. ESTIMATED PHASE SCHEDULE:
 - START: TBD
 - FINISH: TBD

STREET/UTILITIES PHASE NOTES:

1. THE IMPLEMENTATION OF THESE EROSION CONTROL PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.
2. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE FACILITIES SHALL BE UPGRADED AS NEEDED FOR ANY UNEXPECTED STORM EVENTS AND TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
3. CONTRACTOR TO FOLLOW THE PROJECT SPECIFICATIONS INCLUDING SECTIONS ADDRESSING ENVIRONMENTAL PROTECTION AND EROSION AND SEDIMENT CONTROL. SECTIONS INCLUDE BUT ARE NOT LIMITED TO: SECTIONS 00280 AND 00290 OF THE ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTIONS.
4. CONTRACTOR TO PROVIDE A POLLUTION CONTROL PLAN (PCP) MEETING THE REQUIREMENTS OF SECTION 00290.30(B) OF THE PROJECT SPECIFICATIONS WHICH WILL ADDRESS SPILL PREVENTION, HAZARDOUS MATERIALS, ETC.
5. CONTRACTOR TO STAGE/STOCKPILE WITHIN THE PROJECT LIMITS AT THE STAGING/STOCKPILE LOCATION AS SHOWN IN PLANS. IF OFF-SITE STAGING IS REQUIRED CONTRACTOR TO OBTAIN NECESSARY 1200C PERMITS.
6. PERIMETER CONTROLS NOT REQUIRED WHERE NOT SHOWN IN PLANS DUE TO TOPOGRAPHY AND SITE CONDITIONS.
7. FOR DETAILED INFORMATION ON PRE- AND POST-CONSTRUCTION STORMWATER BIOFILTRATION SWALES SEE SHEETS B3, B4, C01A-C03A, AND THE STORMWATER MANAGEMENT REPORT FOR THIS PROJECT (1200-CA SECTION 15.4.F.XIX, XX).

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

MARION COUNTY
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

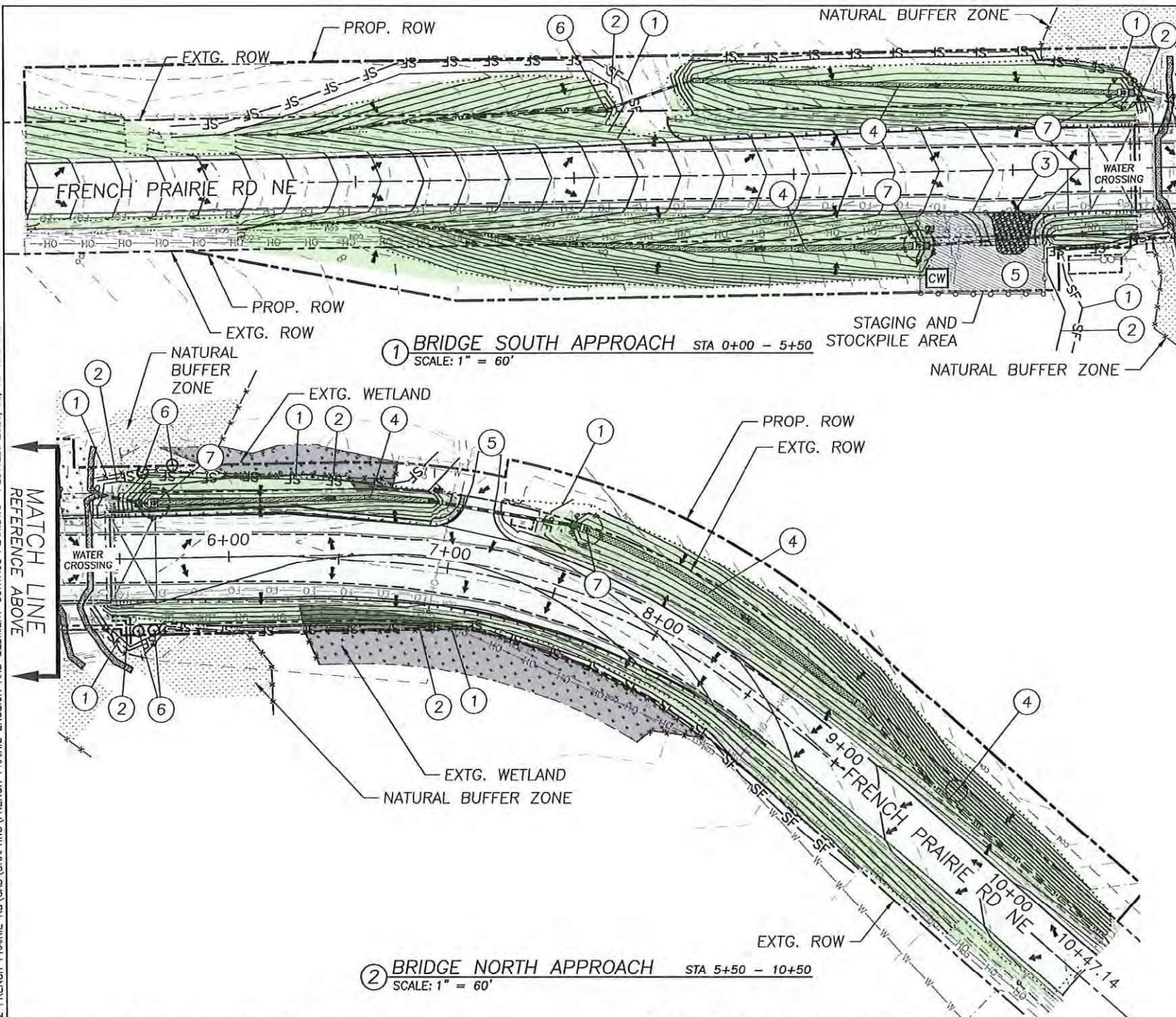
TITLE:

PHASE 2 –
STREET AND
UTILITIES

SHEET:

GA3

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE EROSION AND SEDIMENT CONTROL PLAN.DWG PLOTTED: 2026/05/18 1:16 PM



CONSTRUCTION KEYNOTES

1. MAINTAIN SEDIMENT FENCE, TYPE 1, UNTIL COMPLETION OF FINAL PLANT/SEED ESTABLISHMENT (SEE ODOT STD. DWG. RD 1040)
2. MAINTAIN SEDIMENT BARRIER, TYPE 3, UNTIL COMPLETION OF FINAL PLANT/SEED ESTABLISHMENT (SEE ODOT STD. DWG. RD1030)
3. MAINTAIN CONSTRUCTION ENTRANCE, TYPE 1 (SEE ODOT STD. DWG. RD1000). NOTE: CONTRACTOR TO COORDINATE WITH HOMEOWNER IF THEY NEED VEHICLE ACCESS TO FIELD
4. MAINTAIN SLOPE AND CHANNEL MATTING, TYPE D, UNTIL COMPLETION OF FINAL PLANT/SEED ESTABLISHMENT (SEE ODOT STD. DWG. RD1055)
5. PRESERVE RESIDENTIAL AND FIELD ROADWAY ACCESS DURING CONSTRUCTION PERIODS
6. PLANT TREES 4 EA. FIELD VERIFY LOCATIONS
7. MAINTAIN INLET PROTECTION, TYPE 4, UNTIL EITHER THE INLET IS REMOVED IF APPLICABLE OR UPON COMPLETION OF FINAL PLANT/SEED ESTABLISHMENT (SEE ODOT STD. DWG. RD1010)

PROPOSED LEGEND

- 200-198 EXTG. SURFACE CONTOURS
- 200-198 PROP. SURFACE CONTOURS
- EXTG. R/W
- PROP. R/W
- ➔ DRAINAGE FLOW ARROW
- ⊗ EXISTING TREE TO BE REMOVED
- SF- SEDIMENT FENCE
- SEDIMENT BARRIER
- ORDINARY HIGH WATER LINE
- WETLAND AREA
- STEEP SLOPE (>70%)
- CONSTRUCTION STAGING FENCE
- CONSTRUCTION ENTRANCE
- CW CONCRETE WASHOUT
- EXISTING DITCH
- WETLAND/NATURAL BUFFER ZONE FENCING
- NATURAL BUFFER ZONE
- PROPOSED DITCH/SWALE AREA
- STORMWATER PIPE
- STORMWATER STRUCTURE
- INLET PROTECTION
- PERENNIAL VEGETATION (PLANTING AREA)

FINAL STABILIZATION PHASE INFORMATION:

1. PHASE 3 WORK INCLUDES FINAL STABILIZATION, INCLUDING BUT NOT LIMITED TO: FINAL STABILIZATION, TOP SOIL INSTALLATION, SEEDING, AND CLEANUP
2. ESTIMATED PHASE SCHEDULE:
 - START: TBD
 - FINISH: TBD
3. SEED MIX NATIVE E/C MIX OR EQUIVALENT, SEE SPECIFICATIONS SECTION 1030.13(F):
 - MEADOW BARLEY - 17.45 LBS/ACRE
 - CALIFORNIA BROME - 15.27 LBS/ACRE
 - NATIVE RED FESCUE - 8.73 LBS/ACRE
 - TUFTED HAIRGRASS - 1.31 LBS/ACRE
 - SPIKE BENTGRASS - 0.85 LBS/ACRE

FINAL STABILIZATION PHASE NOTES:

1. THE IMPLEMENTATION OF THESE EROSION CONTROL PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.
2. THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE FACILITIES SHALL BE UPGRADED AS NEEDED FOR ANY UNEXPECTED STORM EVENTS AND TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
3. CONTRACTOR TO FOLLOW THE PROJECT SPECIFICATIONS INCLUDING SECTIONS ADDRESSING ENVIRONMENTAL PROTECTION AND EROSION AND SEDIMENT CONTROL. SECTIONS INCLUDE BUT ARE NOT LIMITED TO: SECTIONS 00280 AND 00290 OF THE ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTIONS.
4. CONTRACTOR TO PROVIDE A POLLUTION CONTROL PLAN (PCP) MEETING THE REQUIREMENTS OF SECTION 00290.30(B) OF THE PROJECT SPECIFICATIONS WHICH WILL ADDRESS SPILL PREVENTION, HAZARDOUS MATERIALS, ETC.
5. CONTRACTOR TO STAGE/STOCKPILE WITHIN THE PROJECT LIMITS AT THE STAGING/STOCKPILE LOCATION AS SHOWN IN PLANS. IF OFF-SITE STAGING IS REQUIRED CONTRACTOR TO OBTAIN NECESSARY 1200C PERMITS.
6. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES UPON ACCEPTANCE OF PERMANENT STABILIZATION.

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD83
DESIGNED BY:	S. PRESZLER
DRAWN BY:	L. MURPHY

TITLE:

PHASE 3 -
FINAL
STABILIZATION

SHEET:

GA4

DEPARTMENT OF PUBLIC WORKS

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE SIGNING AND STRIPING.DWG PLOTTED: 2026/05/18 1:16 PM

GENERAL NOTES:

- 1. ALL PERMANENT LONGITUDINAL PAVEMENT MARKINGS SHALL BE 120 MIL SPRAYED SURFACE INSTALLED THERMOPLASTIC. LONGITUDINAL THERMOPLASTIC SHALL BE INSTALLED USING METHOD B.
- 2. ALL PERMANENT PAVEMENT LEGENDS AND TRANSVERSE MARKINGS SHALL BE PRE MARK VISIGRIP, 120 MIL THICKNESS
- 3. ALL PAVEMENT MARKING REMOVAL WORK WILL BE DONE USING ACCEPTABLE METHOD AND PAID FOR PER STRIPE REMOVAL BID ITEM.
- 4. SIGNS NOT SHOWN ARE TO REMAIN IN PLACE UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- 5. THE LOCATIONS OF SIGN, SIGN FOUNDATIONS AND SIGN INSTALLATIONS SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- 6. WOOD POST SIZE (b*d) TO BE 4" X 4", UNLESS SPECIFIED DIFFERENTLY BY THE ENGINEER (SEE ODOT STD DWG TM670)
- 7. INSTALL ALL TURN ARROWS PER ODOT STD DWG TM531.
- 8. SEE TEMPORARY TRAFFIC CONTROL PLAN FOR EXISTING STRIPING REMOVAL NOTES AND LOCATIONS.

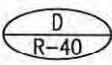
ACRONYMS:

- L = STORAGE LENGTH (FT)
- S = DECELERATION DISTANCE (FT)
- T = DISTANCE TO DEVELOP LEFT TURN LANE (FT)

*STREET SIGN NOTES:

- 1. SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEERING FOR REVIEW PRIOR TO MANUFACTURING SIGNS & INSTALLATION.
- 2. ALL SIGNS ARE SUBJECT TO THE ENGINEERS APPROVAL PRIOR TO FABRICATION.
- 3. SEE TYPICAL STREET SIGN DETAIL FOR DIMENSIONING INFORMATION, SEE DETAIL 1 THIS SHEET.
- 4. LETTERING SHALL BE FHWA SERIES C AT 100% WIDTH.
- 5. THE STREET NAME SHALL CONSIST OF LOWER-CASE LETTERS WITH AN INITIAL UPPER-CASE LETTER.
- 6. THE SUFFIX SHALL BE ABBREVIATED AND CONSIST OF AN INITIAL UPPER-CASE LETTER FOLLOWED BY LOWER-CASE LETTER(S).
- 7. THE CARDINAL DIRECTION SHALL BE ABBREVIATED UPPER-CASE LETTERS.
- 8. ALL SIGN MATERIALS SHALL CONFORM TO THE CURRENT MUTCD AND ODOT STANDARD SPECIFICATIONS.
- 9. BACKGROUND COLOR SHALL BE GREEN ASTM TYPE III OR TYPE IV WITH SILVER-WHITE ASTM TYPE III OR TYPE IV PERMANENT LEGEND.
- 10. SUBSTRATE IS TO BE SHEET ALUMINUM.
- 11. COMMON ABBREVIATIONS: USE MUTCD TABLE 1A-1, WITH THESE EXCEPTIONS:
Ave=Avenue; Lp=Loop; Ln=Lane; Wy=Way
- 12. USE ODOT ATTACHMENT AND BRACING DETAILS - (SEE ODOT STD DWG TM206 & TM676)

STRIPING NOTES:

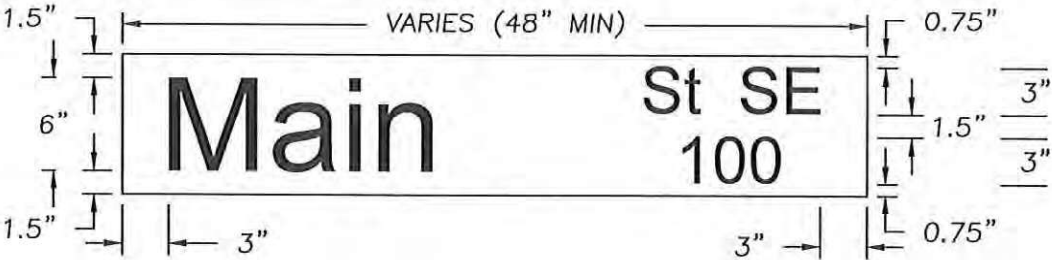
-  INSTALL 4" WHITE LINE (SEE ODOT STD DWG TM500)
-  INSTALL DOUBLE YELLOW POSITIONING GUIDE REFLECTORS WITH TWO 4" YELLOW LINES (SEE ODOT STD DWG TM502)

SIGNING NOTES:

-  REMOVE EXISTING SIGN (N) AND (M) SIGN SUPPORT
-  REMOVE EXISTING SIGN (N)
-  INSTALL NEW SIGN (N) AND (M) SIGN SUPPORT
-  INSTALL NEW SIGN (N)
-  MAINTAIN AND PROTECT EXISTING SIGN (N) AND SUPPORT
-  REMOVE AND SAVE EXISTING SIGN (N) AND REMOVE (M) SIGN SUPPORT
-  REINSTALL EXISTING SIGN (N)
-  REINSTALL EXISTING SIGN (N) ON NEW (M) SIGN SUPPORT

N = SIGN NUMBER
M = MATERIAL

MATERIAL OPTIONS ARE:
W = WOOD
S = STEEL



① TYPICAL STREET SIGN DETAIL*
SCALE: 1" = 1'



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

TITLE:
SIGNING &
STRIPING NOTES
& LEGEND

SHEET:
S1

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE SIGNING AND STRIPING.DWG PLOTTED: 2026/05/18 1:16 PM



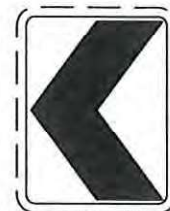
SIGN NO. 1
W1-2L



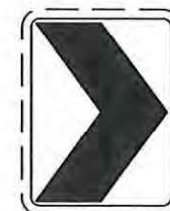
SIGN NO. 2
W1-2R



SIGN NO. 3
W13-1P



SIGN NO. 4
W1-8L



SIGN NO. 5
W1-9L



SIGN NO. 6
RESIDENTIAL
ADDRESS
MARKER



SIGN NO. 7
OM-3R



SIGN NO. 8
OM-3R

GENERAL NOTES

1. EXTG. SIGN NO. 6 IS TO BE REMOVED, SAVED, AND REINSTALLED AT THE EDGE OF PROPOSED GRAVEL IN APPROXIMATELY THE SAME POSITION AS EXTG.
2. EXTG. SIGN NO. 7 (OM3-L) AND 8 (OM3-R) ARE TO BE REMOVED COMPLETELY FROM PROJECT SITE.



- DASHED BORDER DENOTES AN
EXISTING SIGN



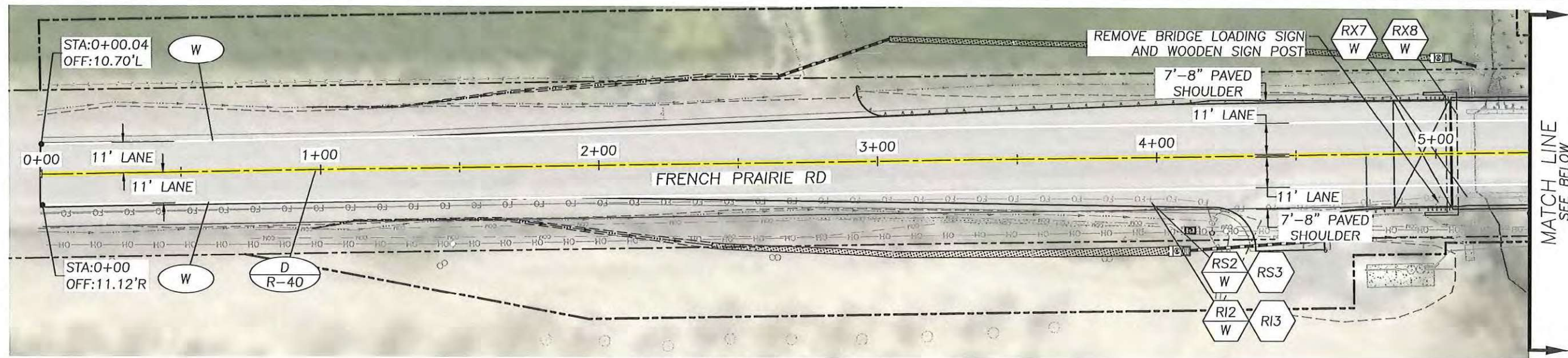
MARION COUNTY
**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
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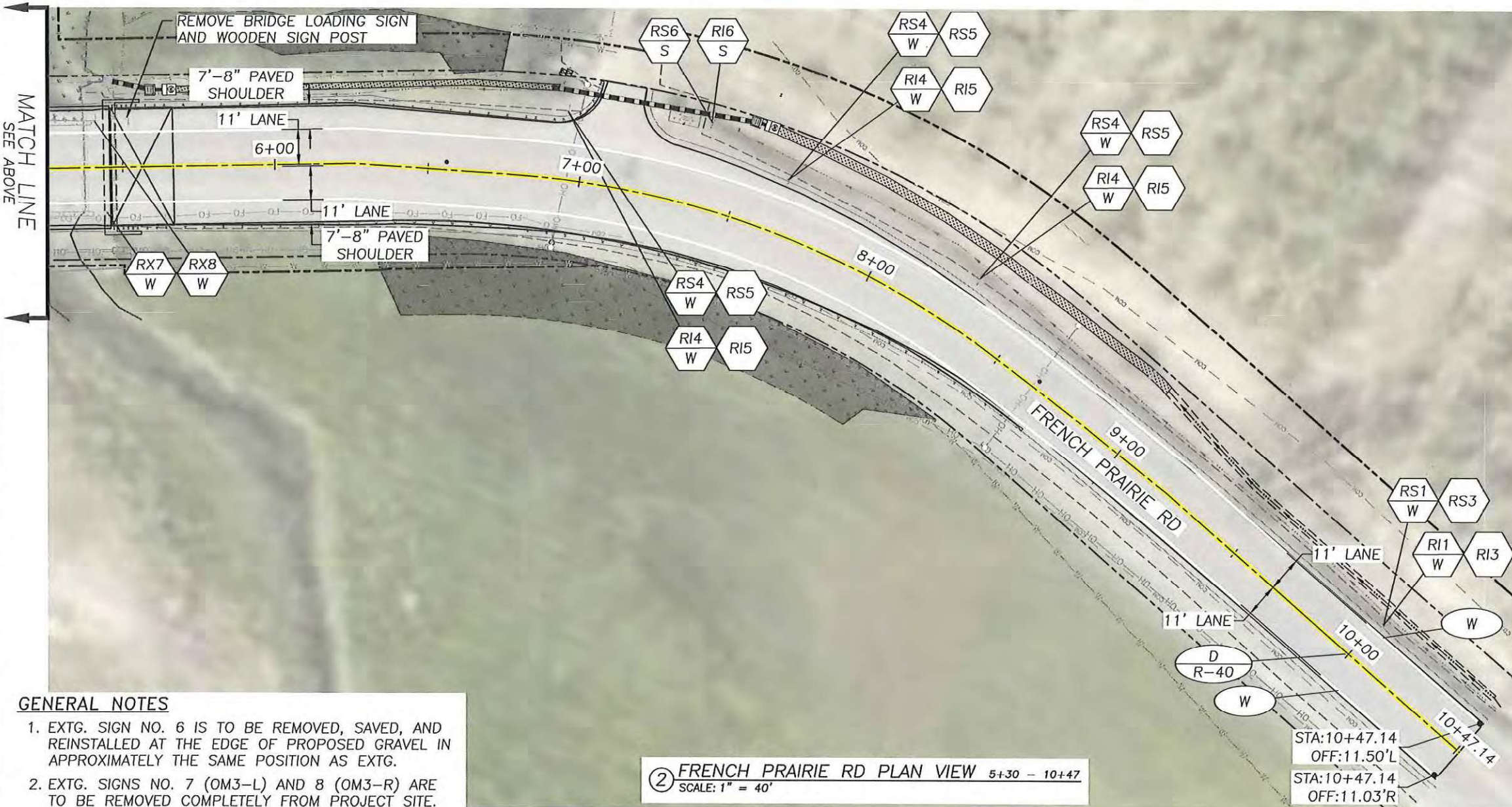
TITLE:
**PERMANENT
SIGNAGE**

SHEET:
S2

FILE: G:\ENGINEERING\PROJECTCENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAO\DRAWING\FRENCH PRAIRIE BRIDGE SIGNING AND STRIPING.DWG PLOTTED: 2026/05/18 1:16 PM



1 FRENCH PRAIRIE RD PLAN VIEW 0+00 - 5+30
SCALE: 1" = 40'



GENERAL NOTES

- EXTG. SIGN NO. 6 IS TO BE REMOVED, SAVED, AND REINSTALLED AT THE EDGE OF PROPOSED GRAVEL IN APPROXIMATELY THE SAME POSITION AS EXTG.
- EXTG. SIGNS NO. 7 (OM3-L) AND 8 (OM3-R) ARE TO BE REMOVED COMPLETELY FROM PROJECT SITE.

2 FRENCH PRAIRIE RD PLAN VIEW 5+30 - 10+47
SCALE: 1" = 40'



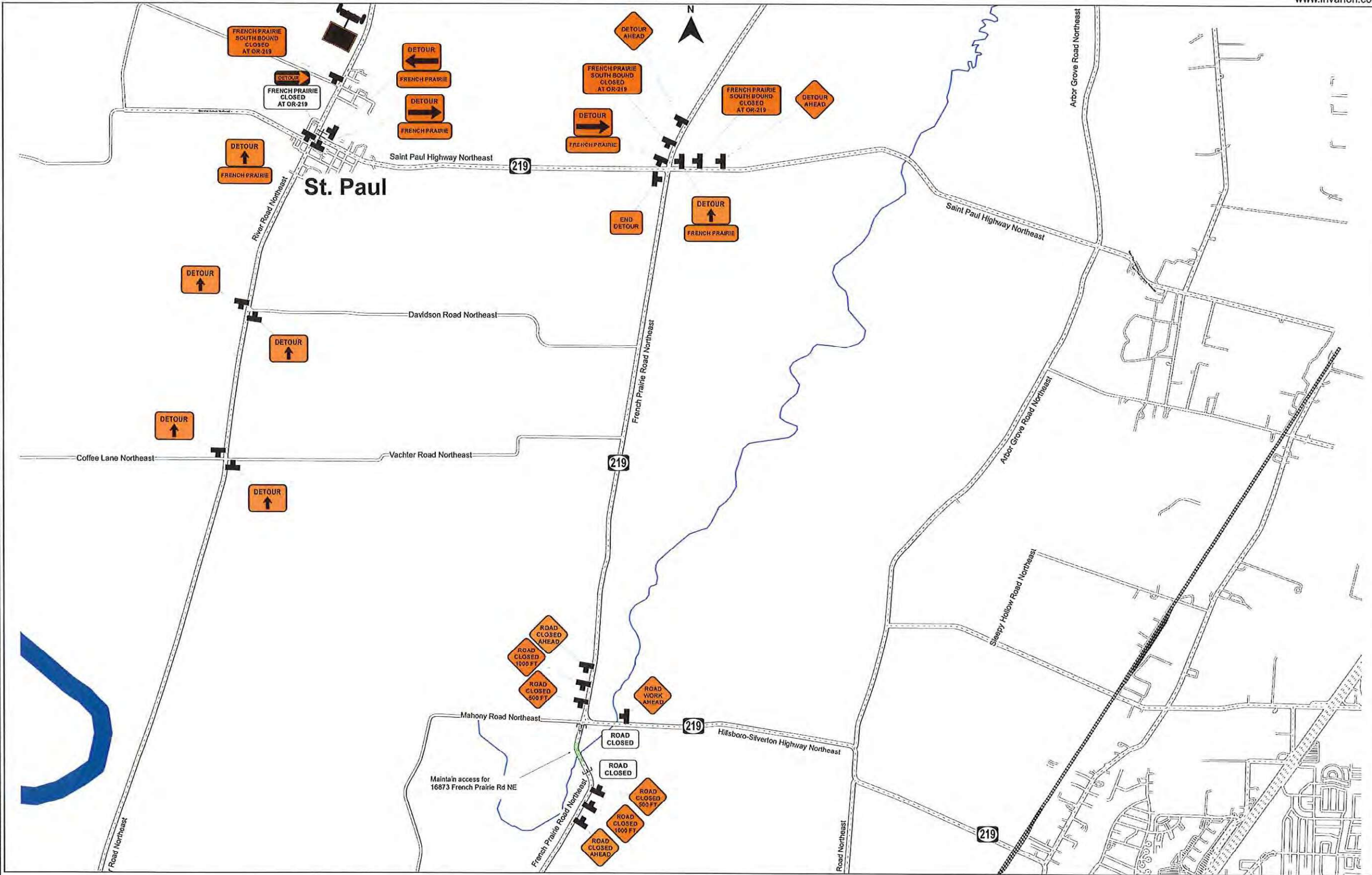
MARION COUNTY
**FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT**
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	BR 05492
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	L. MURPHY
DRAWN BY:	L. MURPHY

TITLE:
**SIGNING &
STRIPING PLAN**

SHEET:
S3

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE DETOUR PLAN.DWG PLOTTED: 2026/05/18 1:16 PM



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FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK CHAMPOEG CREEK BRIDGE REPLACEMENT

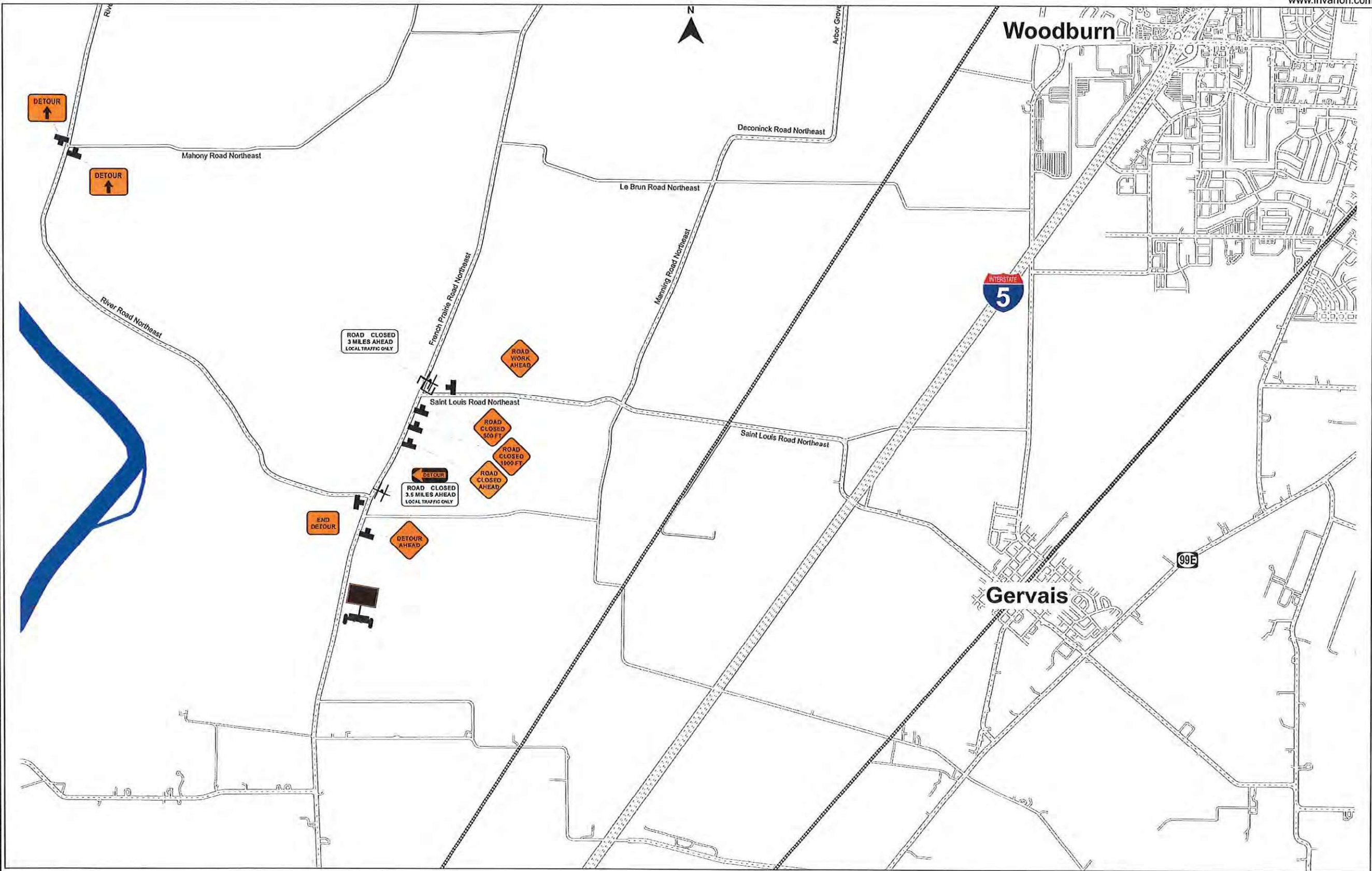
DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	C. HANSON
DRAWN BY:	C. HANSON

TITLE:
DETOUR PLAN

SHEET:
TC01

FILE: G:\ENGINEERING\PROJECTS\CENTRAL\PROJECTS\BRIDGES\492 FRENCH PRAIRIE RD\CAD\DRAWING\FRENCH PRAIRIE BRIDGE DETOUR PLAN.DWG PLOTTED: 2026/05/18 1:16 PM



FEDERAL HIGHWAY
ADMINISTRATION
OREGON DIVISION



REGISTERED PROFESSIONAL
ENGINEER
86,015
Steven L. Preszler
OREGON
JANUARY 22, 2012
STEVEN L. PRESZLER
EXPIRES 12-31-2026

MARION COUNTY

FRENCH PRAIRIE RD: WEST FORK
CHAMPOEG CREEK BRIDGE
REPLACEMENT

DEPARTMENT OF PUBLIC WORKS

PROJECT NO.:	105455
ONEOFFICE NO.:	2026-251
FED. PROJ. NO.:	N/A
KEY NO.:	21998
SITE NO.:	68-020
HORIZ. DATUM:	OCRS SALEM
VERT. DATUM:	NAVD88
DESIGNED BY:	C. HANSON
DRAWN BY:	C. HANSON

TITLE:

DETOUR PLAN

SHEET:

TC02



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: 7/22/2026

Department: Public Works

Title: Amendment No. 1 to Summit Solutions Group Contract PW-7112-26

Management Update/Work Session Date: 6/30/2026 Audio/Visual aids ☐

Time Required: 5 min Contact: Brian Nicholas Phone: x7943

Requested Action:

Approve Amendment No. 1 containing Contract Change Order Nos. 1, 2 and 3 to Contract PW-7112-26 with Summit Solutions Group, LLC, increasing the contract value by \$68,425.94 from \$242,470.00 to \$310,895.94 for the construction of site improvements at up to six (6) existing radio communication sites.

Issue, Description & Background:

The Board of Commissioners approved Contract PW-7112-26 with Summit Solutions Group, LLC on May 20, 2026. Since this contract involves the renovation of existing radio communication sites for which little or no as-built documentation exists, we have encountered a number of items that need to be added or adjusted. Public Works has processed Contract Change Order (CCO) Nos. 1 and 2. CCO No. 3 will push the cumulative total of the contract change orders beyond 25% of the initial contract value and requires Board approval. Amendment No. 1 includes CCO Nos. 1, 2 and 3 and extends contract ends date to September 30, 2026..

Financial Impacts:

This is a budgeted expense under CIP 22-308.

Impacts to Department & External Agencies:

None.

List of attachments:

Amendment No. 1 to PW-7112-26

Presenter:

Brian Nicholas

Department Head Signature:

Brian Nicholas Digitally signed by Brian Nicholas
Date: 2026.06.23 12:41:08 -07'00'

Contract Review Sheet

Public Improvement Agreements

PW-7112-26 - Am1

Title: **Construction and Other Site Improvements at Up to Six (6) Non-Tower Radio Communications Sites**

Contractor's Name: **Summit Solutions Group LLC**

Department: **Public Works Department**

Contact: **Alicia Jones**

Analyst: **Kathleen George**

Phone #: **-4388**

Term - Date From: **Execution**

Expires: **July 31, 2026**

Original Contract Amount: **\$ 242,470.00**

Previous Amendments Amount: **\$ -**

Current Amendment: **\$ 68,425.94**

New Contract Total: **\$ 310,895.94**

Amd% **28%**

Outgoing Funds ☒ Federal Funds ☐ Reinstatement ☐ Retroactive ☒ Amendment greater than 25%

Source Selection Method: **40-0200 Invitation to Bid - Public Improvement**

ITB# **PW1791-26**

Description of Services or Grant Award

Construction of Architectural, Structural, Mechanical, Electrical and Other Site Improvements at up to Six (6) Non-Tower Radio Communications Sites for the Marion County Radio Project. Construction of Architectural, Structural, Mechanical, Electrical and Other Site Improvements at up to Six (6) Non-Tower Radio Communications Sites for the Marion County Radio Project.

Amendment 1 - increases contract by \$68,425.94 for a new total of \$310,895.94 through change orders: CCO#1 (modify the construction scope at Crosby, Marion County Public Works, and Eagle Crest), CCO#2 (Eastview Lane added scope), CCO#3 (MCPW Site Expansion), and extends contract ends date to September 30, 2026.

Desired BOC Session Date: **7/22/2026**

Contract should be in DocuSign by: **7/1/2026**

Agenda Planning Date: **7/9/2026**

Printed packets due in Finance: **7/7/2026**

Management Update: **6/30/2026**

BOC upload / Board Session email: **7/8/2026**

BOC Session Presenter(s) **Brian Nicholas**

Code: **Y**

REQUIRED APPROVALS

Finance - Contracts Date

Contract Specialist Date

Legal Counsel Date

Chief Administrative Officer Date



**AMENDMENT 1 to PW-7112-26
the CONSTRUCTION CONTRACT
between**

MARION COUNTY and SUMMIT SOLUTIONS GROUP, LLC

This is Amendment 1 to the Construction Contract (as amended from time to time, the "Contract"), dated May 26, 2026, between Marion County, a political subdivision of the State of Oregon, hereinafter called County, and Summit Solutions Group, LLC, hereafter called Contractor.

The Contract is hereby amended as follows (new language is indicated by underlining and deleted language is indicated by ~~strike through~~):

1. Page 1, Paragraph 2, 1st sentence: "Contractor, in consideration of the sum of **\$310,895.94** ~~242,470.00~~ (the "Contract Price"), to be paid to the Contractor by County in the manner and at the time hereinafter provided, and subject to the terms and conditions provided in the Invitation to Bid and other Contract Documents. Contractor shall...."
2. Page 1, Section 2. Contract Exhibits. This Contract includes the following exhibits, each of which are incorporated into this Contract and by reference are made part hereof as though fully set forth herein:

Exhibit A – BID SCHEDULE

Exhibit B – BID CERTIFICATION

Exhibit C – PERFORMANCE BOND

Exhibit D – LABOR AND MATERIALS PAYMENT BOND

Exhibit E – DRUG & ALCOHOL TESTING POLICY CERTIFICATION

Exhibit F – FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM

Exhibit G – PROJECT WAGE RATES

Exhibit H – APPENDIX II TO PART 200 – CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY

CONTRACTS UNDER FEDERAL AWARDS

Exhibit I– SPECIAL PROVISIONS

Exhibit J – PROJECT SUMMARY LIST (PSL)

Exhibit K – PLANS AND DRAWINGS AND SUPPORTING DOCUMENTS

Exhibit L – GENERAL CONDITIONS FOR CONSTRUCTION FOR MARION COUNTY (v2024)

Exhibit M – INVITATION TO BID AND INVITATION TO BID ADDENDUM #1 THROUGH #1

Contract Change Order No. 1 – Various Sites

Contract Change Order No. 2 – Eastview Lane Site

Contract Change Order No. 3 – Marion County Public Works Site

3. Page 12, In the Introduction section 1.6 and Special Provision 00180.50(h) – Contract Time replace ~~July 31, 2026~~, with September 30, 2026.

Except as expressly amended above, all other terms and conditions of the original Contract and any previously executed amendments are still in full force and effect. Contractor certifies that the representations, warranties and certifications contained in the original Contract are true and correct as of the effective date of this Amendment and with the same effect as though made at the time of this Amendment.

MARION COUNTY SIGNATURES

BOARD OF COMMISSIONERS

Chair Date

Commissioner Date

Commissioner Date

Authorized Signature: _____
Department Director or designee Date

Authorized Signature: _____
Chief Administrative Officer Date

Reviewed by Signature: _____
Marion County Legal Counsel Date

Reviewed by Signature: _____

Marion County Contracts & Procurement Date

SUMMIT SOLUTIONS GROUP, LLC

Authorized Signature: _____
Date

Title: _____



MARION COUNTY BOARD OF COMMISSIONERS

Board Session Agenda Review Form

Meeting date: July 22, 2026

Department: Public Works

Title:

Public Hearing on an appeal of Administrative Review 25-026/Denise Burnham

Management Update/Work Session Date: N/A Audio/Visual aids ☐

Time Required: 20 min Contact: Austin Barnes Phone: 503-566-4174

Requested Action:

Staff recommends Administrative Review 25-026/Denise Burham be denied. Other options are:

1. Continue the public hearing.
2. Close the public hearing and leave the record open, to deliberate at a later date.
3. Close the public hearing and approve, or modify the request.
4. Remand the matter back to the Hearings Officer.

Issue, Description
& Background:

Administrative Review 25-026 is an application to determine whether operation of a site for placement of fill from hydraulic vacuum extraction is a farm use on a 129.45-acre property in an EFU (Exclusive Farm Use) zone located at 21875 Butteville Rd NE, Aurora.

The Planning Director issued a decision denying the application on September 25th, 2025. The applicant appealed this denial. The Marion County Hearings Officer held a duly noticed hearing on the application on December 18th, 2025. The Hearings Officer issued a decision on February 17th 2026, denying Administrative Review 25-026. The applicants then appealed the Hearings Officer decision.

Financial Impacts:

None

Impacts to Department
& External Agencies:

None

List of attachments:

Hearings Officer Decision

Presenter:

Austin Barnes

Department Head
Signature:

For Branda Nash

BEFORE THE MARION COUNTY HEARINGS OFFICER

In the Matter of the Application of) Case No. 25-026
)
Denise Burnham) **ADMINISTRATIVE REVIEW**

ORDER

I. Nature of the Application

This matter came before the Marion County Hearings Officer on the Application of Denise Burnham for an administrative review to determine whether operation of a site for placement of fill from hydraulic vacuum extraction is a farm use on a 129.45-acre property in an EFU (Exclusive Farm Use) zone located at 21875 Butteville Rd NE, Aurora (T4S; R1W; Section 8; Tax lot 200).

II. Relevant Criteria

The standards and criteria relevant to this Application are found in the Marion County Code (MCC), Title 17, especially MCC 17.136 (Exclusive Use Zone) and MCC 17.110.223 (Definition of Farm Use).

III. Hearing

A public hearing was held on this matter on December 18, 2025. At the hearing, the Planning Division file was made a part of the record. The following persons appeared and provided testimony:

- | | | |
|----|-----------------|---|
| 1. | Austin Barnes | Marion County Planning Division |
| 2. | Thomas Benke | Attorney for Applicant |
| 3. | Denise Burnham | Applicant |
| 4. | Cheyne Fobert | Witness in Favor of Application |
| 5. | Joseph Schaffer | Jordan Ramis / Witness in Opposition to Application |
| 6. | Jamie Howsley | Attorney for Opponents Judy and Scott Chambers |
| 7. | Ben Williams | Witness in Opposition to Application |
| 8. | Jim Johnson | Witness in Opposition to Application |

No objections were raised to notice, jurisdiction, conflict of interest, or to evidence or testimony presented at the hearing. No documents were entered into the record as exhibits.

An open record period was requested and permitted. The following documents were received during the first open record period:

December 22, 2025: Submission from Jim Johnson, Working Lands Policy Director, 1000 Friends of Oregon

1. The subject property is designated Primary Agriculture in the Marion County Comprehensive Plan and zoned EFU (Exclusive Farm Use). The intent of both the designation and zone is to provide areas for continued practice of commercial agriculture and to protect commercial agricultural operations.
2. The subject property is located on the western side of Butteville Rd NE, approximately 900 feet north of its intersection with Ehlen Rd NE. The property contains two stick-built dwellings, one built in 1908 and the other in 1933. The parcel also contains multiple accessory farm structures. The parcel and dwellings are considered legal for land use purposes.
3. Surrounding properties are all zoned EFU and in active farming operations, with some containing dwellings.
4. The Soil Survey of Marion County, Oregon indicates that the subject parcel consists of 97.1% high-value soils.
5. Applicant requests a determination whether operation of a site for placement of fill from hydraulic vacuum extraction is a farm use. The Application is for specifically for an administrative review to determine whether operation of a site for placement of fill from hydraulic vacuum extraction is a farm use. Applicant also argues in the alternative that the fill from hydraulic vacuum extraction, a "dewatering activity" is a conditional use which may be permitted in an EFU zone.
6. Various agencies were contacted and given an opportunity to comment. The following comments were received from various governmental agencies, non-profit organizations, and individuals:

Marion County Septic commented: "Per OAR 340-07-0130(12), "Initial and repair absorption areas must NOT be subject to activity that is likely to adversely affect the soil or functioning of the septic system. Including but not limited to: Vehicular traffic, covering the area with asphalt or concrete, filling, cutting, or other soil modification." Any existing drainfield and future repair area should not be filled and should be delineated from all other site manipulation."

Marion County Code Enforcement provided comments requesting denial stating that they believe this to a commercial dumping operation rather than a farm use.

Marion County Building Inspection commented: No Building Inspection concerns. Permit(s) may be required to be obtained if development of structures and/or utilities installation is proposed over the proposed fill soil pit locations. A compaction report of the soils may be needed to prove the density of the fill material is sufficient to support a structure. It is advised to obtain this compaction report for future use if structures are to be developed in these locations.

9. An asphalt access road was constructed to access the pit site. The access road is approximately 3,570 feet long and leads to 6 dumping bays marked by painted white lines on the ground and yellow safety railings to denote the edge of the pit. After completion, Vactor trucks employed by utility companies such as NW Natural, PGE, ProVac and Poltelco began dumping at the site.

The Vactor trucks dump a slurry made of water and dirt which is the by-product of hydraulic excavation. High pressure water is used to loosen dirt and dig trenches/holes while an industrial vacuum sucks the slurry into a holding tank on the truck. The trucks then travel from the jobsite to the subject property and dump the slurry into the pit.

Applicant received compensation for each truck that was dumped and based on evidence submitted in the record, receiving \$300 per load and receiving 238 loads from November 2023 to January 2024.

10. Evidence in the record includes photographs suggesting that materials other than soil and water may have been deposited. The pit was excavated before the fill was received. Applicant states that “the sources of clean fill placed at the property will be hydraulically excavated soil collected regionally (most commonly from utility trenches) and transported to the farm by Vactor trucks.

Applicant states that because Vactor trucks soils are inherently watery, the soils may be placed initially in the gully or “pit” created by prior construction of the berm at the northwest corner of the property, which the soils will be possibly dewatered before being moved elsewhere across the site as needed to achieve the stormwater control objectives of the clean fill activity.

11. DEQ and OWRD issued notices of violation concerning water discharge and dam construction. However, on September 3, 2025, the DEQ withdrew the Order directing Ms. Burnham to stabilize or decommission the berm and pit on the property.
12. Friends of French Prairie submitted photos of the above companies dumping at the site enough to be used in construction) being dumped into the pit by Pacific Northwest Marble and Granite on December 12, 2023. The photos show white material leaving the truck and accumulating in the pit and around the edges of the truck where it sits on the asphalt above the pit.
13. Applicant argues that the “pit” (resultant of the berm), the “haul road,” and the asphalted “turnaround area” should not be considered in her application for administrative review of a prospective request to fill and contour the property with hydraulically excavated soils for farm use. Applicant suggests that an Administrative Review of land-use compatibility is inherently prospective, and evaluates whether a described activity, if undertaken as proposed, is allowable under the zoning ordinance. Applicant states that these features, specifically, the pit, haul road, and turnaround area are not before the County for review and are not included in the scope of the application.

MCC 17.110.223 defines farm use to include the use of land for the primary purpose of obtaining profit in money by harvesting and selling crops, and to include the on-site construction and maintenance of the facilities.

4. Marion County Planning determined that because the operation's primary purpose was in obtaining profit from waste disposal, Applicant had created a new solid waste disposal site, which is not permitted in Marion County. New solid waste disposal sites are not permitted in Marion County pursuant to MCC 17.136.050 (I).

Only expansions of lawfully established sites can be permitted. Marion County determined that the proposed operation does not fall into a lawfully permitted site, as no prior land use permits were applied for and the site was not operating prior to county's comprehensive plan being acknowledged in 1983. On that basis, the County determined that the proposed use is not a farm use.

MCC 17.120.315 (A), (C), (D) and (E) defines "dispose" "solid waste" "solid waste disposal sites" and "waste":

A. "Dispose" or "disposal" includes accumulation, storage, collection, transportation, and disposal of solid wastes;

C. "Solid waste" means all putrescible and nonputrescible wastes, whether in a solid or in a liquid form, except liquid-carried industrial wastes or sewage or sewage hauled as an incidental part of a septic tank or cesspool cleaning service, but including garbage, rubbish, ashes, sewage sludge, street refuse, industrial wastes, swill, demolition and construction wastes, abandoned vehicles or parts thereof, tires, discarded home and industrial appliances, manure, vegetable or animal solid or semi-solid wastes, dead animals and other discarded solid materials;

D. "Solid waste disposal site or sites" means any land used for disposal of solid wastes, including, but not limited to, dumps, landfills, sanitary landfills, incinerators, and composting plants, but not including a landfill site which is not used by the public either directly or through a disposal service and which is used by the owner or tenant thereof to dispose of sawdust, bark, soil, rock, building demolition material or nonputrescible industrial waste products resulting from the process of manufacturing;

E. "Waste" means useless, unwanted or discarded materials.

In support of the determination, Marion County noted that the evidence in the record also shows more than soil and water were dumped in the pit. Evidence indicates that countertop material was dumped in this pit, and that the material was not used just to level and fill existing low areas on the property to make it suitable for farming, the "pit" was deeply excavated in order to make room for the fill material to be received.

Applicant argues that the "countertop material" was actually granite that is similar to rock or clean fill, which would be used to fill low areas as part of land leveling.

vacuum extraction a reasonable and accepted farm practice such that it is considered a farm use.

7. Marion County Planning characterized the operation as functioning similarly to a disposal or materials handling site. The Hearings Officer does not sit in review of a solid waste permit application and does not base this decision on whether the site meets the technical definition of a “solid waste disposal site.”

However, the definitions contained in MCC 17.120.315 provide context for understanding the functional nature of the activity. The record demonstrates that materials generated as by-products of off-site construction activity were transported to the subject property for unloading and deposition. The infrastructure constructed—paved haul road, marked dumping bays, and a large, excavated pit—facilitated repeated receipt of truckloads of material.

These characteristics inform the land use characterization analysis. The activity more closely resembles a materials receiving and deposition operation serving off-site construction activity than agricultural production or soil redistribution incidental to farming.

This characterization is relevant solely to determining whether the activity qualifies as farm use under ORS 215.203. It is not a determination that Applicant is operating a regulated solid waste facility.

MCC17.120.315 (A), (C), (D) and (E) defines “dispose,” “solid waste,” “solid waste disposal sites,” and “waste”:

A. “Dispose” or “disposal” includes accumulation, storage, collection, transportation, and disposal of solid wastes;

C. Solid waste” means all nonputrescible wastes, whether in a solid or in a liquid form, except liquid-carried industrial wastes or sewage or sewage hauled as an incidental part of a septic tank or cesspool cleaning service, but including garbage, rubbish, ashes, sewage sludge, street thereof, tires, discarded home and industrial appliances, manure, vegetable or animal solid or semi-solid wastes, dead animals and other discarded solid materials;

D. “Solid waste disposal site or sites” means any land used for disposal of solid wastes, including, but not limited to, dumps, landfills, sanitary landfills, incinerators, and composting plants, but not including a landfill site which is not used by the public either directly or through a disposal service and which is used by the owner or tenant thereof to dispose of sawdust, bark, soil, rock, building demolition material or nonputrescible industrial waste products resulting from the process of manufacturing;

E. “Waste” means useless, unwanted or discarded materials.

The determinative question is not whether land leveling can constitute farm use. It often can. The question is whether the current employment of this land, as demonstrated by the record, is primarily agricultural production or the compensated receipt and deposition of off-site trench slurry. The evidence of infrastructure, scale, compensation, and third-party waste generation demonstrates that the dominant use during the relevant period was materials handling rather than crop production. Accordingly, the proposal does not constitute "farm use" under ORS 215.203.

9. The Hearings Officer recognizes the applicant's argument that the primary purpose of the proposal is agricultural land leveling and increased arable acreage. Applicant asserts that grading and soil placement are routine agricultural activities and that the dewatering and placement of hydraulically excavated soils is merely the chosen method of achieving that land improvement.

In deference to the Applicant and for purposes of this section only, the Hearings Officer assumes *arguendo* that Applicant's primary objective is land leveling for agricultural production. Even under that assumption, the proposal does not qualify as a permitted farming practice.

Even if the primary purpose of the operation can be considered the construction and maintenance of equipment and facilities for raising, harvesting, and selling crops, the Applicant must also establish that the receipt of hydraulic vacuum extraction a reasonable and accepted farm practice such that it is considered a farm use.

10. Applicant bears the burden of establishing that importing and dumping off-site Vactor truck trench spoils as the means of achieving land leveling is generally accepted, customary, reasonable and typical of farms of similar size and type.
11. Jim Johnson, Working Lands Policy Director for 1000 Friends of Oregon testified that the Vactor truck dump is not a farm use. Mr. Johnson testified that an activity that is not a customary farm practice cannot constitute a farm use as defined in ORS 215.203(2)(a).

Kevin Fenn, Water Quality and SWCD Program Manager, Oregon Department of Agriculture writes that in regard to regulation under the Agricultural Water Quality program, the ODA makes decisions on what agricultural activities are and what constitutes agricultural fill. For either, the activity must be a normal and accustomed practice. The put site would not be considered an agricultural activity. Fill or placement of material could be considered agricultural depending on the situation.

Mr. Fenn's statement is consistent with Mr. Johnson's testimony.

Mr. Johnson also stated that elements of the Agricultural Water Quality statute administered by the Oregon Department of Agriculture (ODA), which defines "farming practices" and Oregon's Right to Farm statute is instructive as to what should be considered a farming practice. ORS 561.191(1) instructs the ODA to development and implement a water quality program that directly regulates "farming practices as defined

13. In determining whether an activity qualifies as farm use, Oregon case law requires that the activity be directly and functionally related to agricultural production rather than merely incidental or economically beneficial to the landowner. The record does not demonstrate that compensated receipt and deposition of off-site trench slurry is directly related to crop production or typical of agricultural land management MCC 17.110.223 incorporates the concept of accepted farming practices. An accepted farming practice must be customary in the agricultural community; commonly or typically employed in farm operations; reasonably necessary to agricultural production.

Applicant has not demonstrated that commercial farmers customarily construct deep disposal pits with paved dumping stations to accept compensated truckloads of trench slurry; that agricultural authorities recognize hydraulic vacuum trench slurry deposition as a customary farm soil management technique; or that the practice is typical or reasonably necessary to farm operations.

14. Opponents also raise concerns about the proximity of the facility to Ryan Creek.

The Hearings Officer is not reviewing enforcement matters or determining compliance with environmental regulations. However, there are concerns about such a large berm being constructed near Ryan Creek, which flows directly to the Willamette River and serves as fish and wildlife habitat. If the berm were to fail, or contaminated soil be placed in it and drained to Ryan Creek, it could negatively affect downstream property owners and the wildlife. During the rainy months the pit fills up with water, leaving no capacity for soil and poses a threat of collapsing the berm. While the Applicants have submitted a report to DEQ which shows the berm has a low chance of failure, this may not be adequate evidence the berm has been constructed to receive and store soil waste and water long term.

15. Evidence was submitted to the record showing a pump sitting on the berm that pumped turbid water directly from the pit into Ryan Creek, when the pit was filled with water. Letters in the record from DEQ demonstrate that they have concerns about this turbid violation of OAR 340-012-0055(2)(b). It appears the applicants have been knowingly draining this water into Ryan Creek despite the notice of violations sent to them on January 11, 2024 and March 19, 2024 by DEQ.

16. Evidence was submitted to the record showing that on January 2, 2024, a hydraulic line on one of the trucks ruptured and spilled approximately 5 gallons of hydraulic fluid into the pit and surrounding area. Nothing has been submitted to the record to ensure that this will not happen again or that there are proper clean up procedures in place that would stop any hydraulic fluid from getting into the soil, groundwater or Ryan Creek.

However, Applicant correctly states that the Hearings Officer is not sitting in review of any enforcement order or investigating environmental compliance. The matter before the Hearings Officer is narrowly focused specifically on whether operation of a site for placement of fill from hydraulic vacuum extraction is a farm use. This environmental

CERTIFICATE OF MAILING

I hereby certify that I served the foregoing order on the following persons:

Denise Burnham
21855 Butteville Rd.
Aurora, OR 97002

Charles Burman
21855 Butteville Rd.
Aurora, OR 97002

Thomas Benke
PO Box 80458
Portland, OR 97280

Ben Williams
23013 Yearly Lane
Aurora, OR 97002

Jim Johnson
340 SE 6th Ave.
Portland, OR 97214

City: Aurora:
21420 Main St.
Aurora, Or. 97002

Area Advisory Committee #6: (via email)
Ben Williams
fofp99@gmail.com

Roger and Aileen Kaye (via email)
Arkaye2@gmail.com (Aileen)
10095 Parrish Gap Rd. SE
Turner, OR. 97392

1000 Friends of Oregon (via email)
340 SE 6th Ave
Portland, OR 97214

Pudding River Watershed Council (via email)
anna@puddingriverwatershed.org
cleanpuddingriver@gmail.com

County Agencies Notified:

Assessor's Office (via email)
assessor@co.marion.or.us

Tax Collector (via email)
NMcVey@co.marion.or.us

Surveyor's Office (via email)
KInman@co.marion.or.us

Fire District: Aurora (via email)
jwilliams@aurorafire.org

Planning Division (via email)
breich@co.marion.or.us
abarnes@co.marion.or.us
jspeckman@co.marion.or.us
ediaz@co.marion.or.us

Building Inspection (via email)
pwolterman@co.marion.or.us
Kaldrich@co.marion.or.us
CTate@co.marion.or.us

Public Works LDEP Section (via email)
jrasmussen@co.marion.or.us
mcldep@co.marion.or.us
JShanahan@co.marion.or.us

School District: (via email)
Ginger.redlinger@nmarion.k12.or.us