Lewis County
Department of Public Works
Engineering Division

CONTRACT
PROVISIONS AND PLANS
FOR CONSTRUCTION OF:

JONES ROAD MP 1.71

CULVERT REPLACEMENT PROJECT

SPECIAL MAINTENANCE PROJECT NO. 21F171900171
FEMA NO. 4593 DR, PW No. 57
November, 2026

Lewis County Public Works
57 W. Main
Chehalis, WA 98532-2626
Approved for Construction:

ALBERT L SWANK
STATE OF WASHINGTON
#38742
REGISTERED
PROFESSIONAL ENGINEER

11/02/26
Project Engineer

Assistant County Engineer

11/2/26
Date

BOARD OF COUNTY COMMISSIONERS
Sean Swope, District No. 1
Lindsey R. Pollock, DVM, District No. 2
Scott J. Brummer, District No. 3

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INTRODUCTION TO THE SPECIAL PROVISIONS

(July 8, 2024 APWA GSP, Option B)

The work on this project shall be accomplished in accordance with the Standard Specifications for Road, Bridge and Municipal Construction, 2026 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications, as modified or supplemented by these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

These Special Provisions are made up of both General Special Provisions (GSPs) from various sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each Provision either supplements, modifies, or replaces the comparable Standard Specification, or is a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion of the Standard Specifications is meant to pertain only to that particular portion of the section, and in no way should it be interpreted that the balance of the section does not apply.

The GSPs are labeled under the headers of each GSP, with the effective date of the GSP and its source. For example:

(March 8, 2013 APWA GSP)
(April 1, 2013) for WSDOT GSPs, only use date
(May 1, 2013 *Lewis County GSP*) Agency Special Provision

Project specific special provisions are labeled without a date as such:
(*****)

Also incorporated into the Contract Documents by reference are:

- Manual on Uniform Traffic Control Devices for Streets and Highways, currently adopted edition, with Washington State modifications, if any
- Standard Plans for Road, Bridge and Municipal Construction, WSDOT Manual M21-01, current edition
- $$Construction Manual, WSDOT Manual M 41-01.48, December 2025$$

Contractor shall obtain copies of these publications, at Contractor's own expense.

General Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a "fill-in".

(******)
Project Specific Special Provisions normally appear only in the contract for which they were developed.

The following paragraph pertaining to the Standard Specifications shall obtain and be made a part of this contract:

> Wherever the word "State" or "Contracting Agency" is used it shall mean Lewis County; that wherever the words "Secretary (Secretary of Transportation)" are used they shall mean Lewis County Engineer; that wherever the words "State Treasurer" are used they shall mean Lewis County Treasurer; that wherever the words "State Auditor" are used they shall mean Lewis County Auditor; that wherever the words "Motor Vehicle Fund" are used they shall mean Lewis

County Road Fund.

SPECIAL PROVISIONS

DIVISION 1
GENERAL REQUIREMENTS

1-01, DESCRIPTION OF WORK

(March 13, 1995)

This contract provides for the improvement of *** Jones Road MP 1.71 by replacing Culvert with Bridge *** and other related work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01.3 Definitions

(January 19, 2022 APWA GSP)

Delete the heading **Completion Dates** and the three paragraphs that follow it, and replace them with the following:

Dates

Bid Opening Date
The date on which the Contracting Agency publicly opens and reads the Bids.

Award Date
The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive Bidder for the Work.

Contract Execution Date
The date the Contracting Agency officially binds the Agency to the Contract.

Notice to Proceed Date
The date stated in the Notice to Proceed on which the Contract time begins.

Substantial Completion Date
The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

Physical Completion Date
The day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Completion Date
The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date.

Final Acceptance Date
The date on which the Contracting Agency accepts the Work as complete.

Supplement this Section with the following:

All references in the Standard Specifications or WSDOT General Special Provisions, to the terms "Department of Transportation", "Washington State Transportation Commission", "Commission", "Secretary of Transportation", "Secretary", "Headquarters", and "State Treasurer" shall be revised to read "Contracting Agency".

All references to the terms "State" or "state" shall be revised to read "Contracting Agency" unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

All references to "State Materials Laboratory" shall be revised to read "Contracting Agency designated location".

All references to "final contract voucher certification" shall be interpreted to mean the Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

Additive

A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate

One of two or more units of work or groups of bid items, identified separately in the Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Business Day

A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

Contract Bond

The definition in the Standard Specifications for "Contract Bond" applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

Contract Documents

See definition for "Contract".

Contract Time

The period of time established by the terms and conditions of the Contract within which the Work must be physically completed.

Notice of Award

The written notice from the Contracting Agency to the successful Bidder signifying the Contracting Agency's acceptance of the Bid Proposal.

Notice to Proceed

The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the Work and establishing the date on which the Contract time begins.

Traffic

Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and equestrian traffic.

1-02, BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

1-02.1 Qualifications of Bidder

(February 17, 2026 APWA GSP Option B)

Before award of a public works contract, a Bidder must meet at least the minimum qualifications of RCW 39.04.350(1)(b-g) to be considered a responsible Bidder and qualified to be awarded a public works project.

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

Information as to where Bid Documents can be obtained or reviewed can be found in the Call for Bids (Advertisement for Bids) for the work.

After award of the contract, plans and specifications will be issued to the Contractor at no cost as detailed below:

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	2	Furnished automatically upon award.
Contract Provisions	2	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	0	Furnished only upon request.

Additional plans and Contract Provisions may be obtained by the Contractor from the source stated in the Call for Bids, at the Contractor's own expense.

1-02.6 Preparation Of Proposal

(February 17, 2026 APWA GSP, Option B)

Revise the fourth paragraph to read:

Subcontractor's List

The Bidder shall submit with the Bid the completed Subcontractor List included in the Contracting Agency Proposal Package. If a Subcontractor List Form is not included in the package, use DOT Form 271-015LP. The Form shall contain the following:

1. Subcontractors who will perform the Work of structural steel installation, rebar installation, heating, ventilation, air conditioning, and plumbing as described in RCW 18.106 and electrical as described in RCW 19.28.

2. The Work those subcontractors will perform on the Contract as described in RCW 39.04.350(1)(b-g), and

3. No more than one subcontractor for each category of Work identified, except, when subcontractors vary with Bid alternates, in which case the Bidder shall identify which subcontractor will be used for which alternate.

1-02.9 Delivery of Proposal

(November 21, 2025 APWA GSP, Option D)

Delete this section and replace it with the following:

GENERAL

Each Proposal (including all required attachments) shall be submitted to the Contracting Agency by one of the following methods:

1. Electronically upload bid documents via https://procurement.opengov.com/portal/lewiscountywa. Instructions for uploading bid documents are located **https://opengov.my.site.com/support/s/**.
2. Deliver hard copy Bid documents in a sealed envelope, with the Project Name and Project Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in the Bid Documents, to ensure proper handling and delivery. Deliver to: Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532).

Proposals that are received as required will be publicly opened and read as specified in Section 1-02.12. The Contracting Agency will not open or consider any Bid Proposal that is received after the time specified in the Call for Bids for receipt of Bid Proposals or received in a location other than that specified in the Call for Bids. The Contracting Agency will not open or consider any "Supplemental Information" that is received after the time specified or received in a location other than that specified in the Call for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received at the office designated for receipt of bids as specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to be extended to the same time of day specified in the solicitation on the first workday on which the normal work processes of the Contracting Agency resume.

Supplemental bid information submitted after the Proposal submittal but within 48 hours of the time and date the Proposal is due, the document(s) shall be submitted as follows:

1. By e-mail to the following e-mail address: pwcontractadmin@lewiscountywa.gov, or
2. By (agency provided electronically submitted): pwcontractadmin@lewiscountywa.gov
3. In person delivery to: ATTN: PW Contract Admin (57 W. Main St., Chehalis, WA 98532)

All other information required to be submitted with the Bid Proposal must be submitted with the Bid Proposal itself, at the time stated in the Call for Bids.

1-02.12 Public Opening Of Proposal

(Lewis County GSP)

Section 1-02.12 is supplemented with the following:

DATE AND TIME OF BID OPENING

The Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 12:15 p.m. on **December 3, 2026**, at the Lewis County Courthouse, Chehalis, Washington, for the Jones Road Culvert Replacement Project – County

Project No. SM 21F171900171, FEMA No. 4593 DR.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE
12:15 P.M. on Thursday December 3, 2026
(**Bids submitted after 12:15 PM will not be considered for this project**.)

Delivery and Marking of Bid Proposals
Bids must be submitted electronically through the procurement portal at https://procurement.opengov.com/portal/lewiscountywa or sealed bids must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), no later than 12:15 pm on Thursday, December 3, 2026, and be in accordance with the plans, specifications, and other contract documents available through the procurement portal. Sealed bids must be in an envelope clearly marked: ***"SEALED BID FOR THE JONES ROAD CULVERT REPLACEMENT PROJECT – COUNTY PROJECT NO. SM 21F171900171, FEMA NO. 4593 DR, TO BE OPENED ON OR AFTER 12:15 P.M. ON DECEMBER 3, 2026.***

1-02.13 Irregular Proposals
(October 5, 2026 APWA GSP)

Delete this Section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
   a. The Bidder is not prequalified when so required;
   b. The Bidder adds provisions reserving the right to reject or accept the Award, or enter into the Contract;
   c. A price per unit cannot be determined from the Bid Proposal;
   d. The Proposal form is not properly executed;
   e. The Bidder fails to submit or properly complete a subcontractor list as required in Section 1-02.6; or
   f. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation.

2. A Proposal may be considered irregular and may be rejected if:
   a. The Proposal does not include a unit price for every Bid item;
   b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
   c. The authorized Proposal Form furnished by the Contracting Agency is not used or is altered;
   d. The completed Proposal form contains unauthorized additions, deletions, alternate Bids, or conditions;
   e. Receipt of Addenda is not acknowledged;
   f. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
   g. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders
(May 17, 2018 APWA GSP, Option A)

Delete this section and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended.

The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility criteria in RCW 39.04.350(1). To assess bidder responsibility, the Contracting Agency reserves the right to request documentation as needed from the Bidder and third parties concerning the Bidder's compliance with the mandatory bidder responsibility criteria.

If the Contracting Agency determines the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency's determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency's final determination.

1-03, AWARD AND EXECUTION OF CONTRACT

1-03.3 Execution of Contract

(February 17, 2026 APWA GSP, Option A)

Revise this section to read:

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder on the first business day following award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within *** 10*** calendar days after the award date, the successful Bidder shall return the signed Contracting Agency-prepared Contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the Contract by the Contracting Agency, the successful Bidder shall provide, if required, any of the following: pre-Award information required by the Contracting Agency as listed under Section 1-02.15, proof of licensure for electrical, HVAC, or plumbing subcontractors. If the Prime Contractor lists themselves as performing electrical, HVAC, or plumbing they are required to submit proof of licensure prior to execution.

Until the Contracting Agency executes a Contract, no Proposal shall bind the Contracting Agency nor shall any Work begin within the project limits or within Contracting Agency-furnished sites. The Contractor shall bear all risks for any Work begun outside such areas and for any materials ordered before the Contract is executed by the Contracting Agency.

If the Bidder experiences circumstances beyond their control that prevents return of the Contract documents within the calendar days after the Award date stated above, the Contracting Agency may grant up to a maximum of *** 5 *** additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

1-03.4 Contract Bond

Supplement this section with the following:

(******)

The Bidder's special attention is directed to the attached bond form, which the successful bidder will be required to execute and furnish the County. **NO OTHER BOND FORMS WILL BE ACCEPTED.** The bond shall be for the full amount of the contract.

(July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and performance bond; or be separate payment and performance bonds. In the case of separate payment and performance bonds, each shall be for the full contract amount. The bond(s) shall:

1. Be on Contracting Agency-furnished form(s);
2. Be signed by an approved surety (or sureties) that:
   a. Is registered with the Washington State Insurance Commissioner, and
   b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Guarantee that the Contractor will perform and comply with all obligations, duties, and conditions under the Contract, including but not limited to the duty and obligation to indemnify, defend, and protect the Contracting Agency against all losses and claims related directly or indirectly from any failure:
   a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform and comply with all contract obligations, conditions, and duties, or
   b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

1-03.7 Judicial Review

(December 30, 2022 APWA GSP)

Revise this section to read:

All decision made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

1-04, SCOPE OF WORK

1-04.4 Changes

(January 19, 2022 APWA GSP)

The first two sentences of the last paragraph of Section 1-04.4 are deleted.

1-05, CONTROL OF WORK

(September 3, 2024)

1-05.4(1) Contractor Surveying - Structure

The Contracting Agency has provided primary survey control in the Plans.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of bridges, noise walls, retaining walls, buried structures, and marine structures. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans “DO NOT DISTURB” shall be protected throughout the length of the project or be replaced at the Contractor’s expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work by the Contractor shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.

2. Establish, by placing hubs and/or marked stakes, the location with offsets of foundation shafts and piles.

3. Establish offsets to footing centerline of bearing for structure excavation.

4. Establish offsets to footing centerline of bearing for footing forms.

5. Establish wing wall, retaining wall, noise wall, and buried structure horizontal alignment.

6. Establish retaining wall top of wall profile grade.

7. Establish buried structure profile grade.

8. Establish elevation benchmarks for all substructure formwork.

9. Check elevations at top of footing concrete line inside footing formwork immediately prior to concrete placement.

10. Check column location and pier centerline of bearing at top of footing immediately prior to concrete placement.

11. Establish location and plumbness of column forms, and monitor column plumbness during concrete placement.

12. Establish pier cap and crossbeam top and bottom elevations and centerline of bearing.

13. Check pier cap and crossbeam top and bottom elevations and centerline of bearing prior to and during concrete placement.

14. Establish grout pad locations and elevations.

15. Establish structure bearing locations and elevations, including locations of anchor bolt assemblies.

16. Establish box girder bottom slab grades and locations.

17. Establish girder and/or web wall profiles and locations.

18. Establish diaphragm locations and centerline of bearing.

19. Establish roadway slab alignment, grades and provide dimensions from top of girder to top of roadway slab. Set elevations for deck paving machine rails.

20. Establish traffic barrier and curb profile.

21. Profile all girders prior to the placement of any deadload or construction live load that may affect the girder's profile.

22. Establish locations for marine structures including fixed and floating berthing structures, vehicle and pedestrian foundations and spans, and marine-based buildings.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

The Contractor shall submit the computed elevations at the top of bridge decks as a Type 2 Working Drawing. To compute top of bridge deck elevations, elevations shall be taken at the tenth points along the centerline of each girder web from center-to-center of bearing. For girders exceeding 100 feet in length, the elevations shall be taken at equivalent intervals not to exceed 10 feet.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	Vertical	Horizontal
1. Stationing on structures		±0.02 feet
2. Alignment on structures		±0.02 feet
3. Superstructure elevations variation from	±0.01 feet	

	plan elevation	
4.	Substructure variation from Plan grades.	±0.02 feet

Buried structures shall be within the tolerances described in Section 6-20.3.

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking the following items, the Contractor shall perform independent checks from different secondary control to ensure that the points staked for these items are within the specified survey accuracy tolerances:

Piles
Shafts
Footings
Columns

The Contractor shall calculate coordinates for the points associated with piles, shafts, footings and columns. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the survey work. The Contracting Agency will require up to seven calendar days from the date the data is received to issuing approval.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Payment
Payment will be made for the following bid item when included in the proposal:

"Structure Surveying", lump sum.

The lump sum contract price for "Structure Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

1-05.7 Nonconforming Work

(February 17, 2026 APWA GSP)

Supplement this section with the following:

The rights exercised under the provisions of this Section shall not diminish the Contracting Agency's right to pursue any other avenue for additional remedy or damages with respect to the Contractor's failure to perform the Work as required. The Engineer has the right to reject all or part of the Nonconforming Work, and the Engineer's decision is final and not subject to protest.

No additional contract time or compensation will be allowed when the Contracting Agency exercises their rights provided by this Section.

1-05.7(1) Identification of Nonconforming Work

Replace this section with the following:

The Contractor is responsible for quality control and shall identify all Nonconforming Work. The Contracting Agency may also identify Nonconforming Work. However, failure by the Contracting Agency to identify Nonconforming Work shall not relieve the Contractor from their responsibility for the quality of the Work, nor shall it constitute acceptance or approval of the Nonconforming Work.

1-05.7(2) Reporting of Nonconforming Work

Replace this section with the following:

The Contractor shall immediately report all Nonconforming Work to the Engineer and shall include any relevant information known for suggested remediation of Nonconforming Work.

When the Contracting Agency identifies Nonconforming Work, the Engineer will notify the Contractor in writing specifying a time when a remedy must be complete. If the Contractor fails to remedy Nonconforming Work within the time specified in a written notice from the Engineer, or fails to perform any part of the Work required by the Contract Documents, the Engineer may correct and remedy such Work as may be identified in the written notice.

1-05.7(3) Remediation of Nonconforming Work

Supplement this section with the following:

The Contractor shall be responsible and bear all costs for remediating Nonconforming Work.

If the Contracting Agency remedies Nonconforming Work after the specified time when a remedy was to be completed, by any means deemed necessary, direct and indirect costs incurred by the Contracting Agency attributable to correcting and remedying Nonconforming Work not corrected by the time provided in the notice, or Work the Contractor failed or refused to perform, shall be paid by the Contractor.

If the Contractor fails to comply with a written order to remedy what the Engineer determines to be an emergency situation, the Engineer may have the Nonconforming Work corrected immediately, have the Work removed and replaced, or have Work the Contractor refuses to perform completed by using Contracting Agency or other forces. An emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or might cause risk of loss or damage to the public.

When costs are incurred by the Contracting Agency, payment will be deducted by the Engineer from monies due, or to become due, to the Contractor. Such direct and indirect costs shall include in particular, but without limitation, compensation for additional professional services required, and compensation for removal, repair, replacement and/or correction of the Contractor's Nonconforming Work.

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

1-05.14 Cooperation With Other Contractors

Section 1-05.14 is supplemented with the following:

(March 13, 1995)

Other Contracts Or Other Work

It is anticipated that the following work adjacent to or within the limits of this project will be performed by others during the course of this project and will require coordination of the work:

$$ The Contractor shall grant access to the Property Owner on the southside of the creek through the staging area, to access field for haying.$$

$$ Utilities and/or Utility Contractors. The contractor's attention is directed to Section 1-07.17 of these Special Provisions.$$

1-05.15 Method of Serving Notices

(January 4, 2024 APWA GSP)

Revise the second paragraph to read:

All correspondence from the Contractor shall be served and directed to the Engineer. All correspondence from the Contractor constituting any notification, notice of protest, notice of dispute, or other correspondence constituting notification required to be furnished under the Contract, must be written in paper format, hand delivered or sent via certified mail delivery service with return receipt requested to the Engineer's office. Electronic copies such as e-mails or electronically delivered copies of correspondence will not constitute such notice and will not comply with the requirements of the Contract.

1-06, CONTROL OF MATERIAL

1-06.2(2)B Financial Incentive

(January 4, 2024 AWPA GSP)

Replace the first sentence of this Section with the following:

The maximum Composite Pay Factor shall be 1.00.

1-06.6 Recycled Materials

(January 4, 2016 APWA GSP)

Delete this section, including its subsections, and replace it with the following:

The Contractor shall make their best effort to utilize recycled materials in the construction of the project. Approval of such material use shall be as detailed elsewhere in the Standard Specifications.

Prior to Physical Completion the Contractor shall report the quantity of recycled materials that were utilized in the construction of the project for each of the items listed in Section 9-03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material and aggregates from concrete returned to the supplier). The Contractor's report shall be provided on DOT form 350-075 Recycled Materials Reporting.

1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed

(October 1, 2005 APWA GSP)

Supplement this section with the following:

In cases of conflict between different safety regulations, the more stringent regulation shall apply.

The Washington State Department of Labor and Industries shall be the sole and paramount administrative agency responsible for the administration of the provisions of the Washington Industrial Safety and Health Act of 1973 (WISHA).

The Contractor shall maintain at the project site office, or other well known place at the project site, all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor's care, persons, including employees, who may have been injured on the project site. Employees should not be permitted to work on the project site before the Contractor has established and made known procedures for removal of injured persons to a hospital or a doctor's care.

The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the Contractor's plant, appliances, and methods, and for any damage or injury resulting from their failure, or improper maintenance, use, or operation. The Contractor shall be solely and completely responsible for the conditions of the project site, including safety for all persons and property in the performance of the work. This requirement shall apply continuously, and not be limited to normal working hours. The required or implied duty of the Engineer to conduct construction review of the Contractor's performance does not, and shall not, be intended to include review and adequacy of the Contractor's safety measures in, on, or near the project site.

(March 9, 2026)
Unmanned Aircraft Systems (UAS)
The procurement and/or use of any drone (UAS) on this Contract shall comply with the following directives:

- National Defense Authorization Act (NDAA) – American Security Drone Act of 2023 (ASDA, Pub. L. No. 118-31).
- Office of Management and Budget Memorandum M-26-02 – Restrictions on using federal funds to purchase or operate prohibited foreign UAS.

Contractors, subcontractors, and lower-tier subcontractors shall not procure, operate, maintain, or process data from prohibited UAS manufactured or assembled by "covered foreign entities" as defined in the Federal Acquisition Security Council (FASC) in the performance of this Contract.

1-07.2 State Taxes

Delete this section, including its sub-sections, in its entirety and replace it with the following:

1-07.2 State Sales Tax
(June 27, 2011 APWA GSP)

The Washington State Department of Revenue has issued special rules on the State sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should contact the Washington State Department of Revenue for answers to questions in this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood tax liability.

The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2) describes this exception.

The Contracting Agency will pay the retained percentage (or release the Contract Bond if a FHWA-funded Project) only if the Contractor has obtained from the Washington State Department of Revenue a certificate showing that all contract-related taxes have been paid (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any amount the Contractor may owe the Washington State Department of Revenue, whether the amount owed relates to this contract or not. Any amount so deducted will be paid into the proper State fund.

1-07.2(1) State Sales Tax — Rule 171

WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets, roads, etc., which are owned by a municipal corporation, or political subdivision of the state, or by the United States, and which are used primarily for foot or vehicular traffic. This includes storm or combined sewer systems within and included as a part of the street or road drainage system and power lines when such are part of the roadway lighting system. For work performed in such cases, the Contractor shall include Washington State Retail Sales Taxes in the various unit bid item prices, or other contract amounts, including those that the Contractor pays on the purchase of the materials, equipment, or supplies used or consumed in doing the work.

1-07.2(2) State Sales Tax — Rule 170

WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing buildings, or other structures, upon real property. This includes, but is not limited to, the construction of streets, roads, highways, etc., owned by the state of Washington; water mains and their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and disposal systems are within, and a part of, a street or road drainage system; telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above streets or roads, unless such power lines become a part of a street or road lighting system; and installing or attaching of any article of tangible personal property in or to real property, whether or not such personal property becomes a part of the realty by virtue of installation.

For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to each payment to the Contractor. For this reason, the Contractor shall not include the retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following exception.

Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable supplies not integrated into the project. Such sales taxes shall be included in the unit bid item prices or in any other contract amount.

1-07.2(3) Services

The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly for professional or other services (as defined in Washington State Department of Revenue Rules 138 and 244).

1-07.5 Environmental Regulations

Section 1-07.5 is supplemented with the following:

(September 20, 2010)

Environmental Commitments

The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the various documents referenced in the Special Provisions **Permits and Licenses**. Throughout the work, the Contractor shall comply with the following requirements:

(April 19, 2019)
The Contractor shall notify the Engineer a minimum of ***15*** calendar days prior to commencing any work in sensitive areas, mitigation areas, and wetland buffers. Installation of construction fencing is excluded from this notice requirement.

(April 1, 2029)
No ***refueling or storage of hazardous materials*** is allowed within ***150*** feet of ***wetland or waterbody***.

(August 3, 2009)

Payment

All costs to comply with this special provision for the environmental commitments and requirements are incidental to the contract and are the responsibility of the Contractor. The Contractor shall include all related costs in the associated bid prices of the contract.

1-07.5(2) State Department of Fish and Wildlife

Section 1-07.5(2) is supplemented with the following:

(April 2, 2018)
The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the Washington State Department of Fish and Wildlife. Throughout the work, the Contractor shall comply with the following requirements.

(April 2, 2018)
The Contractor may begin Work below the Ordinary High Water Line on ***August 1st*** and must complete all Work by ***August 30th. The in-water window for the project may start on July 15th and/or continue to Spetember 15th provided that, during these times outside the regular in-water work window, visual observation are made twice daily to monitori for congregations for juvenile and adult anadromous fish in the area immediately upstream and downstream of the isolated work area. In the event that groups of juvenile salmonids***.

(April 2, 2018)
All costs to comply with this special provision are incidental to the Contract and are the responsibility of the Contractor. The Contractor shall include all related costs in the associated bid prices of the Contract.

1-07.5(5) U.S. Army Corps of Engineers

Section 1-07.5(5) is supplemented with the following:

(April 2, 2018)
The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the U.S. Army Corps of Engineers. Throughout the work, the Contractor shall comply with the following requirements:

February 25, 2013)
Temporary fills at ***0+00 and 1+08*** must be removed within ***60*** calendar days of beginning placement of these fills. This time period may be extended with approval from the Engineer. Requests

to extend must be received a minimum of 45 days prior to the expiration of number of days listed above, since the extension is subject to concurrence by the U.S. Army Corps of Engineers.

(February 25, 2013)
Temporary structures and dewatering of areas under the jurisdiction of the U.S. Army Corps of Engineers must maintain normal downstream flows and prevent downstream flooding to the maximum extent practicable.

(April 2, 2018)
All costs to comply with this special provision are incidental to the Contract and are the responsibility of the Contractor. The Contractor shall include all related costs in the associated bid prices of the Contract.

1-07.6 Permits and Licenses
Section 1-07.6 is supplemented with the following:

(January 2, 2018)
The Contracting Agency has obtained the below-listed permit(s) for the project. A copy of the permit(s) is attached as an appendix for informational purposes. Copies of these permits, including a copy of the Transfer of Coverage form, when applicable, are required to be onsite at all times.

Contact with the permitting agencies, concerning the below listed permit(s), shall be made through the Engineer with the exception of when the Construction Stormwater General Permit coverage is transferred to the Contractor, direct communication with the Department of Ecology is allowed. The Contractor shall be responsible for obtaining Ecology's approval for any Work requiring additional approval for (e.g. Request for Chemical Treatment Form). The Contractor shall obtain additional permits as necessary. All costs to obtain and comply with additional permits shall be included in the applicable Bid items for the Work involved.

Permit, Approval, Certification or Concurrence	Permitting Agency	Permit Number
Record of Environmental Considerations	Federal Emergency Management Agency (FEMA)	PA-10-WA-4593-PW-00057
Section 404, Nationwide Permit (NWP) 14	US Army Corps of Engineers (USACE)	NWS-2025-839
Hydraulic Project Approval	Washington Department of Fish and Wildlife (WDFW)	2026-5-16+01
State Environmental Policy Act	Lewis County Community Development (LCCD)	SEP25-0028
Fill & Grade Permit	LCCD	G25-00030
Floodplain Permit	LCCD	F25-00067

(LCPWGSP)
The Contractor shall ensure that all permit conditions have been read, understood and will be complied with. The Project Environmental Review Form must be signed by the Contractor to document this.

1-07.8(1) Traffic Control Personnel
Section 1-07.8(1) is revised to read:

(September 16, 2025)
All personnel performing the Work described in Section 2-04 (including traffic control supervisors, flaggers, and others performing traffic control labor of any kind) shall comply with the following:

1. During daylight hours with clear visibility, workers shall wear a high-visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or fluorescent red in color; and a high visibility hardhat that is white, yellow, yellow-green, orange, or red in color; and

2. During hours of darkness (½ hour before sunset to ½ hour after sunrise) or other low-visibility conditions (snow, fog, etc.), workers shall wear a high visibility ANSI/ISEA 107 Type R Class 2 or 3 garment with background material that are fluorescent yellow-green, fluorescent orange-red, or fluorescent red in color; a high-visibility lower garment meeting ANSI/ISEA 107 Class E, and a high visibility hardhat marked with at least 12 square inches of retroreflective material applied to provide 360 degrees of visibility.

1-07.9 Wages

General

Section 1-07.9(1) is supplemented with the following:

(January 6, 2026)

The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA20260001.

The State rates incorporated in this contract are applicable to all construction activities associated with this contract.

1-07.9(5)A Required Documents

(February 17, 2026 APWA GSP, Option B)

Revise this section to read:

All Statements of Intent to Pay Prevailing Wages and Affidavits of Wages Paid shall be submitted to the Engineer through the State L&I online Prevailing Wage Intent & Affidavit (PWIA) system. When apprenticeship is a requirement of the Contract, include all apprentices in PWIA.

1-07.11(2) Contractual Requirements

(November 25, 2024 APWA GSP)

Delete item 11 of the first paragraph of Section 1-07.11(2).

1-07.11(1) Regulatory Authorities

1-07.11(1)C Nondiscrimination Authorities

Section 1-07.11(1)C is revised to read:

(March 9, 2026)

During the performance of this Contract, the Contractor, for itself, its assignees, and successors in interest agrees to comply with the following nondiscrimination statues and authorities; including but not limited to:

1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), and its implementing regulations and case law, prohibit discrimination on the basis of race, color, or national origin. 49 C.F.R. 21.5(b)(2) prohibits a recipient of federal funds from utilizing "criteria or methods of administration which have the effect of subjecting persons to discrimination because of their race, color, or national origin, or have the effect of defeating or substantially impairing accomplishment of the objectives of the program with respect to

individuals of a particular race, color, or national origin." This includes taking reasonable steps to provide limited English proficiency (LEP) persons meaningful access to all programs, activities and services, where necessary to avoid discrimination on the basis of national origin.

2. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C §4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects).

3. Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et. seq.), as amended, (prohibits discrimination on the basis of sex).

4. Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended (prohibits discrimination on the basis of disability); and 49 C.F.R. Part 27.

5. The Age Discrimination Act of 1975, as amended (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age).

6. Airport and Airway Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex).

7. The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age of Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition and terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not).

8. Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. § 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38.

9. The Federal Aviation Administration's Nondiscrimination statute (49 U.S.C. § 47123), (prohibits discrimination on the basis of race, color national origin, and sex).

10. Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq.).

1-07.15 Temporary Water Pollution Prevention

1-07.15(1) Spill Prevention Control and Countermeasures Plan

Section 1-07.15(1) is supplemented with the following:

(******)
The Spill Prevention and Countermeasures Plan (SPCC) Template last updated August 2024 and located at https://wsdot.wa.gov/sites/default/files/2024-08/HazMat-SPCCPlan-Template.pdf should be utilized to prepared the SPCC Plan.

1-07.17 Utilities And Similar Facilities

(April 2, 2007)
Section 1-07.17 is supplemented with the following:

Locations and dimensions shown in the Plan for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

The following addresses and telephone numbers of utility companies known or suspected of having facilities within the project limits are supplied for the Contractor's convenience:

Lewis County P.U.D. No. 1
321 NW Pacific
Chehalis, WA 98532
Telephone: (360) 748-9261
Michael (Mike) Childers, Field Engineer
Cell: (360) 485-7209
michaelc@lcpud.com

LUMEN
411 S Kaiser Rd, Olympia, WA 98502
Phone: (877) 366-8344
Michelle Palmer, Network Engineer
tel: 206-733-5261
Michelle.Palmer@lumen.com

Zayo Fiber Optic
Phone: (800) 961-6500
locatedesk@zayo.com
zayo.relo.washington@zayo.com

Olympic Petroleum Pipeline
gbpplcommercial@bp.com
Steve Kynaston
Cell: (360) 304-9973
Kevin Haran
Cell: (202) 346-8539

City of Centralia
1100 N. Tower Ave.
Centralia, WA 98531
Main Office: (360) 330-7512
Patty Page, Lead Engineer
ppage@cityofcentralia.com
Chris Stone, Water Operations Manager
cstone@cityofcentralia.com
Aaron Brandt, Lead Water Technician
abrandt@cityofcentralia.com

The Contractor shall call the Underground locate service (800-424-5555) two to ten days prior to construction at each project site. The Contractor shall notify the Utility Owner of any utilities that are within two feet of the planned construction. The above list of Utility Owners may not be complete. As per RCW 19.122 it shall be the Contractors responsibility to contact the owners of utilities known or suspected of having services close to the project site.

1-07.18 PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE

1-07.18 Insurance

Delete this section in its entirety, and replace it with the following:

1-07.18 Insurance

(February 17, 2026 APWA GSP)

1-07.18(1) General Requirements

A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.

B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.

C. If any insurance policy is written on a claims-made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.

D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.

E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.

F. The Contractor shall not begin Work under the Contract until the required insurance has been obtained and approved by the Contracting Agency.

G. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.

H. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract and no additional payment will be made.

I. Under no circumstances shall a wrap up policy be obtained, for either initiating or maintaining coverage, to satisfy insurance requirements for any policy required under this Section. A **"**wrap up policy**"** is defined as an insurance agreement or arrangement under which all the parties working on a specified or designated project are insured under one policy for liability arising out of that specified or designated project**.**

1-07.18(2) Additional Insured

All insurance policies, with the exception of Workers Compensation, and of Professional Liability and Builder's Risk (if required by this Contract) shall name the following listed entities as additional insured(s) using the forms or endorsements required herein:

- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers

The above-listed entities shall be additional insured(s) for the full available limits of liability maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract, and irrespective of whether the Certificate of Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those maintained by the Contractor.

For Commercial General Liability insurance coverage, the required additional insured endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

1-07.18(3) Subcontractors

The Contractor shall cause each subcontractor of every tier to provide insurance coverage that complies with all applicable requirements of the Contractor-provided insurance as set forth herein, except the Contractor shall have sole responsibility for determining the limits of coverage required to be obtained by subcontractors.

The Contractor shall ensure that all subcontractors of every tier add all entities listed in 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency evidence of insurance and copies of the additional insured endorsements of each subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.

1-07.18(4) Verification of Coverage

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the Work. Failure of Contracting Agency to demand such verification of coverage with these insurance requirements or failure of Contracting Agency to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.

2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.

3. Any other amendatory endorsements to show the coverage required herein.

4. A notation of coverage enhancements on the Certificate of Insurance shall <u>not</u> satisfy these requirements – actual endorsements must be submitted.

5. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against the Contracting Agency, its elected or appointed officers, agents, officials, employees, and volunteers or shall specifically allow the Contractor or others providing insurance evidence in compliance with these Specifications to waive their right of subrogation prior to a loss. The Contractor hereby waives its own right of subrogation against the Contracting Agency and shall require similar written express waivers and insurance clauses from each of its subcontractors.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full and certified copy of that policy is required when the Contractor delivers the signed Contract for the Work.

1-07.18(5) Coverages and Limits

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible or self-insured retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

1-07.18(5)A Commercial General Liability

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

$2,000,000	Each Occurrence
$3,000,000	General Aggregate
$3,000,000	Products & Completed Operations Aggregate
$2,000,000	Personal & Advertising Injury each offence
$2,000,000	Stop Gap / Employers' Liability each accident

1-07.18(5)B Automobile Liability

Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written on a coverage form at least as broad as ISO form CA 00 01. If the Work involves the transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.

Such policy must provide the following minimum limit:

$1,000,000	Combined single limit each accident

1-07.18(5)C Workers' Compensation

The Contractor shall comply with Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.

1-08, PROSECUTION AND PROGRESS

1-08.0 Preliminary Matters

(May 25, 2006 APWA GSP)

Add the following new section:

1-08.0(1) Preconstruction Conference

(October 21, 2025 APWA GSP)

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To review Training or Apprenticeship Plans, when applicable.
5. To discuss FSBE Goals when applicable.
5. To establish normal working hours for the work;
6. To review safety standards and traffic control; and
7. To discuss such other related items as may be pertinent to the work.

The Contractor shall prepare and submit at the preconstruction conference the following:

1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable.

Add the following new section:

1-08.0(2) Hours of Work

(February 17, 2026 APWA GSP)

Except in the case of emergency or unless otherwise approved by the Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing prior to the preconstruction conference, subject to the provisions below. The working hours for the Contract shall be established at or prior to the preconstruction conference.

All working hours and days are also subject to local permit and ordinance conditions (such as noise ordinances).

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than 3 working days prior to

the day(s) the Contractor is requesting to change the hours.

If the Contracting Agency approves such a deviation, such approval may be subject to certain other conditions, which will be detailed in writing. For example:

1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times. (The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)
2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non working day for the week will be charged as a working day.

If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll.

1-08.1 Subcontracting

(December 30, 2022 APWA GSP, Option A)

Section 1-08.1 is supplemented with the following:

Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to the Engineer a certification (WSDOT Form 420-004) that a written agreement between the Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor has been executed. This certification shall also guarantee that these subcontract agreements include all the documents required by the Special Provision Federal Agency Inspection.

A subcontractor or lower tier subcontractor will not be permitted to perform any work under the contract until the following documents have been completed and submitted to the Engineer:

1. Request to Sublet Work (WSDOT Form 421-012), and

2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (WSDOT Form 420-004).

The Contractor shall submit to the Engineer a completed Monthly Retainage Report (WSDOT Form 272-065) within 15 calendar days after receipt of every monthly progress payment until every subcontractor and lower tier subcontractor's retainage has been released.

The Contractor's records pertaining to the requirements of this Special Provision shall be open to inspection or audit by representatives of the Contracting Agency during the life of the contract and for a period of not less than three years after the date of acceptance of the contract. The Contractor shall retain these records for that period. The Contractor shall also guarantee that these records of

all subcontractors and lower tier subcontractors shall be available and open to similar inspection or audit for the same time period.

1-08.1(8)B Clauses Required in Subcontracts of All Tiers
(November 25, 2024 APWA GSP)

Delete item 8 of the second paragraph of Section 1-08.1(8)B.

1-08.1(9) Submittal of Executed Subcontracts
(April 22, 2025 APWA GSP, Option B)

Section 1-08.1(9) content and title are deleted and replaced with the following:

Vacant

1-08.3 Progress Schedule

1-08.3(2)A Type A Progress Schedule
(February 17, 2026 APWA GSP)

Revise this section to read:

The Contractor shall submit ***$$3$$*** copies of a Type A Progress Schedule no later than at the preconstruction conference, or some other mutually agreed upon submittal time. The schedule may be a critical path method (CPM) schedule, bar chart, or other standard schedule format. Regardless of which format is used, the schedule shall identify the critical path. The Engineer will evaluate the Type A Progress Schedule and accept or return the schedule for corrections within 15 calendar days of receiving the submittal.

1-08.4 Prosecution Of Work

Delete this section and replace it with the following:

1-08.4 Notice to Proceed and Prosecution of Work

(February 17, 2026 APWA GSP)

Notice to Proceed will be given after the Contract has been executed and the contract bond and evidence of insurance have been approved and filed by the Contracting Agency. The Contractor shall not commence with the Work until the Notice to Proceed has been given by the Engineer. The Contractor shall commence construction activities on the project site within ten days of the Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the Work to the Physical Completion Date within the time specified in the Contract. Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to complete the Work within the time(s) specified in the Contract.

When shown in the Plans, the first order of Work shall be the installation of high visibility fencing to delineate all areas for protection or restoration, as described in the Contract. Installation of high visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and traffic control devices in accordance with 2-04.3. Upon construction of the fencing, the Contractor shall request the Engineer to inspect the fence. No other Work shall be performed on the site until the Contracting Agency has accepted the installation of high visibility fencing, as described in the Contract.

1-08.5 Time for Completion

Section 1-08.5 is supplement with the following:

(December 4, 2006)
This project shall be physically completed within *** 100 *** working days.

Contract time shall begin on the first working day the Contractor starts onsite work or *** 6/14/2027 ***, whichever occurs first.

1-08.9 Liquidated Damages

(February 17, 2026 APWA GSP, Option B)

Revise the second and third paragraphs to read:

Accordingly, the Contractor agrees:

1. To pay (according to the following formula) liquidated damages for each working day beyond the number of working days established for Physical Completion, and

2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due to the Contractor.

Liquidated Damages Formula

LD=0.15C/T

Where:

LD = liquidated damages per working day (rounded to the nearest dollar)
C = original Contract amount
T = original time for Physical Completion

When the Contract Work has progressed to Substantial Completion as defined in the Contract, the Engineer may determine the Contract Work is Substantially Complete. The Engineer will notify the Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring after the date so established, the formula for liquidated damages shown above will not apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall be assessed on the basis of direct engineering and related costs assignable to the project until the actual Physical Completion Date of all the Contract Work. The Contractor shall complete the remaining Work as promptly as possible. Upon request by the Engineer, the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

1-09, MEASUREMENT AND PAYMENT

1-09.2(1) General Requirements for Weighing Equipment

(November 25, 2024 APWA GSP, Option B)

Revise item 4 of the fifth paragraph to read:

4. Test results and scale weight records for each day's hauling operations are provided to the Engineer daily. Reporting shall utilize WSDOT form 422-027LP, Scaleman's Daily Report, unless the printed ticket contains the same information that is on the Scaleman's Daily

Report Form. The scale operator must provide AM and/or PM tare weights for each truck on the printed ticket.

(July 8, 2024.Option C)

Revise the sixth and seventh paragraph to read:

Trucks and Tickets – Each truck to be weighed shall bear a unique identification number. This number shall be legible and in plain view of the scale operator. The Contractor shall provide Electronic tickets or Physical tickets for all weighed materials. All Tickets shall, regardless of medium, at a minimum, contain the following information:

1. Date of haul;
2. Contract number;
3. Contract unit Bid item;
4. Unit of measure;
5. Identification number of hauling vehicle; and
6. Weight delivered:
    a. Net weight in the case of batch and hopper scales.
    b. Gross weight, tare (a.m. and p.m. minimum) and net weight in the case of platform scales (tare may be omitted if a tare beam is used).
    c. Approximate load out weight in the case of belt conveyor scales.

Electronic tickets shall be uploaded to the designated site so that they can be accessed by the material receiver at the material delivery point. Physical tickets shall be handed to the inspector at the delivery point at the time materials are delivered. The material delivery point is defined as the location where the material is incorporated into the permanent Work. The Contractor's representative shall make report summaries available to the Engineer's designated receiver, not later than the end of shift, for reconciliation. Tickets for loads not verified as delivered will receive no pay.

1-09.9 Payments
(February 17, 2026 APWA GSP, Option B)

Delete the fourth paragraph and replace it with the following:

Progress payments for completed Work and material on hand will be based upon progress estimates prepared by the Engineer. A progress estimate cutoff date will be established at the preconstruction conference.

The initial progress estimate will be made not later than 30 days after the Contractor commences the Work, and successive progress estimates will be made every month thereafter until the Completion Date. Progress estimates made during progress of the Work are tentative, and made only for the purpose of determining progress payment. The progress estimates are subject to change at any time prior to the calculation of the Final Payment.

The value of the progress estimate will be the sum of the following:

1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of Work completed multiplied by the unit price.
2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum breakdown for that item, or absent such a breakdown, based on the Engineer's determination.

3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other storage area approved by the Engineer.
4. Change Orders — entitlement for approved extra cost or completed extra Work as determined by the Engineer.

Progress payments will be made in accordance with the progress estimate less:

1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
2. The amount of Progress Payments previously made; and
3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract Documents.

Progress payments for Work performed shall not be evidence of acceptable performance or an admission by the Contracting Agency that any Work has been satisfactorily completed. The determination of payments under the Contract will be final in accordance with Section 1-05.1.

1-09.11 Disputes and Claims

1-09.11(3) Time Limitation and Jurisdiction

(December 30, 2022 APWA GSP)

Revise this section to read*:*

For the convenience of the parties to the Contract it is mutually agreed by the parties that all claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-05.12) of the Contract by the Contracting Agency; and it is further agreed that all such claims or causes of action shall be brought only in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction. The parties understand and agree that the Contractor's failure to bring suit within the time period provided, shall be a complete bar to all such claims or causes of action. It is further mutually agreed by the parties that when claims or causes of action which the Contractor asserts against the Contracting Agency arising from the Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

1-09.13 Claims Resolution

1-09.13(3)A Arbitration General

(January 19, 2022 APWA GSP)

Revise the third paragraph to read:

The Contracting Agency and the Contractor mutually agree to be bound by the decision of the arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims subject to arbitration are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. The decision of the arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use the Contract as a basis for decisions.

1-09.13(4) Venue for Litigation

(December 30, 2022 APWA GSP)

Revise this section to read:

Litigation shall be brought in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. It is mutually agreed by the parties that when litigation occurs, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

DIVISION 2
TEMPORARY FEATURES

2-04, TEMPORARY TRAFFIC CONTROL

2-04.2 Materials

Construction Signs
Section 9-35.2 is revised to read:

(January 5, 2026)
Construction signs shall conform to the requirements of the MUTCD and shall meet the requirements of NCHRP Report 350 for Category 2 devices or MASH. Except as noted below, any sign/sign stand combination that satisfies these requirements will be acceptable. Post mounted Class A construction signs shall conform to the requirements of this section and additionally shall conform to the requirements stated in Section 9-28.

Aluminum sheeting shall be used to fabricate all construction signs. The signs shall have a minimum thickness of 0.080 inches and a maximum thickness of 0.125 inches.

All construction signs shall be fabricated with reflective sheeting in accordance with Section 9-28.12. All post mounted signs shall use a nylon washer between the twist fasteners (screw heads, bolts or nuts) and the reflective sheeting.

The use of plywood, fiberglass reinforced plastic, fabric rollup signs, and any other previously approved sign materials except aluminum or aluminum composite is prohibited.

All Class A and Class B signs shall utilize materials and be fabricated in accordance with Section 9-28 and the Washington State Sign Fabrication Manual M 55-05. A fabrication decal as stated in Section 9-28.1 is not required for construction signs.

Barricades
Section 9-35.6 is revised to read:

(January 5, 2026)
Barricades shall conform to the requirements of the MUTCD. The alternating orange and white reflective bands shall be fabricated with reflective sheeting in accordance with Section 9-28.12.

Traffic Safety Drums
The third and fourth paragraphs of Section 9-35.7 are revised to read:

(January 5, 2026)
Until December 31, 2026, traffic safety drums may have 4-inch or 6-inch reflective bands fabricated from Type III or Type IV or higher sheeting type as described in Section 9-28.12.

Beginning January 1, 2027, traffic safety drums shall have 6-inch reflective bands. A minimum of 4 reflective horizontal bands, alternating fluorescent orange and white starting with the top stripe being fluorescent orange, shall be used. Reflective bands shall be fabricated from Type IV or higher (reflective sheeting as described in Section 9-28.12. Drums of different reflective band types shall not be intermixed within the same closure. When recommended by the manufacturer, drums shall be treated to ensure proper adhesion of the reflective sheeting.

Traffic Cones

The last paragraph of Section 9-35.9 is revised to read:

(January 5, 2026)
White reflective bands shall be fabricated with reflective sheeting in accordance with Section 9-28.12

Tubular Markers

The last paragraph of Section 9-35.10 is revised to read:

(January 5, 2026)
White reflective bands shall be fabricated with reflective sheeting in accordance with Section 9-28.12. When recommended by the manufacturer, tubular markers shall be treated to ensure proper adhesion of the reflective sheeting.

Transportable Attenuator

The last paragraph of Section 9-35.12 is revised to read:

(January 5, 2026)
The transportable attenuator shall have a chevron pattern on the rear of the unit. The pattern shall consist of 4-inch to 8-inch alternating nonreflective black and reflective yellow or alternating reflective red and white sheeting, slanted at 45 degrees in an inverted “V” with the “V” at the center of the unit. Reflective sheeting shall be in accordance with Section 9-28.12.

42-Inch Tall Channelizing Devices

The third and fourth paragraphs of Section 9-35.13 are revised to read:

(January 5, 2026)
Until December 31, 2026, 42-inch tall channelization devices may have 4-inch or 6-inch reflective bands fabricated from Type III or Type IV or higher sheeting type as described in Section 9-28.12.

Beginning January 1, 2027, 42-inch tall channelization devices shall have 6-inch reflective bands. A minimum of 4 reflective horizontal bands, alternating fluorescent orange and white starting with the top stripe being fluorescent orange, shall be used. Reflective bands shall be fabricated from Type IV or higher IV (reflective sheeting as described in Section 9-28.12. 42-inch tall channelization devices of different reflective band types shall not be intermixed within the same closure. When recommended by the manufacturer, 42-inch tall channelization devices shall be treated to ensure proper adhesion of the reflective sheeting.

Pedestrian Channelizing Devices

Section 9-35.16 is revised to read:

(January 5, 2026)
When exposed to vehicular traffic, pedestrian channelizing devices shall meet the crashworthiness requirements of NCHRP 350 or MASH as described in Section 2-04.3(3). The bottom and top surfaces of the pedestrian channelizing device shall have 6-inch reflective bands matching the body color of the device fabricated from reflective sheeting as described in Section 9-28.12.

2-04.3(1) Traffic Control Management

Section 2-04.3(1) is supplemented with the following:

(March 9, 2026)
The Traffic Control Supervisor shall be certified by one of the following:

The American Traffic Safety Services Association
15 Riverside Parkway, Suite 100
Fredericksburg, Virginia 22406-1022
Training Dept. Toll Free (877) 642-4637
Phone: (540) 368-1701
https://atssa.com/training

Evergreen Safety Council
12545 135th Ave. NE
Kirkland, WA 98034-8709
1-800-521-0778
https://www.esc.org

Integrity Safety
13912 NE 20th Ave.
Vancouver, WA 98686
(360) 574-6071
https://www.integritysafety.com

K&D Services Inc.
2719 Rockefeller Ave.
Everett, WA 98201
(800) 343-4049
https://www.kndservices.net

The Northwest Laborers-Employers Training Trust
27055 Ohio Ave.
Kingston, WA 98346
(360) 297-3035
https://www.nwlett.edu

Trafficorp
5077 N Bldg Center Drive
Coeur d'Alene, ID 83815
(208) 665-4683
https://www.trafficopr.com/contact-us/

US Safety Alliance
(904) 705-5660

https://www.ussafetyalliance.com

(January 5, 2015)
The primary TCS shall have a minimum of 500 hours of experience providing traffic control as a TCS or traffic control labor on multilane highways with a speed limit of 55 mph or greater. The Contractor shall submit a certification of the TCS's experience with the TCS designation. Documentation of experience shall be available upon request by the Engineer.

DIVISION 3
EARTHWORK

3-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS

3-02.1 Description
Section 3-02.1 is supplemented with the following:

(March 13, 1995)
This work shall consist of removing miscellaneous traffic items and other miscellaneous items.

3-02.3 Construction Requirements
Section 3-02.3 is supplemented with the following:

(September 7, 2021)
Removal of Obstructions

The following miscellaneous items shall be removed and disposed of:

*** Raised or recessed pavement markers ***
*** Flexible Guide Post ***
*** 11 ft. x 7 ft. CMP Culvert ***
*** Approximately 352 L.F. of Barb wire Fence to be removed ***
*** Field Access Gates ***
*** Existing Hydrant***
*** Existing Water Meters ***
*** Existing Water Valves ***
*** Remove and Reset Stop Sign ***

3-02.3(2) Removal of Bridges, Box Culverts, and other Drainage Structures
Section 3-02.3(2) is supplemented with the following:

(June 26, 2000)
The Contractor shall remove Existing 11 ft. x 7 ft. x 41 ft. CMP Culvert after routing traffic with detour.

3-02.4 Measurement
Section 3-02.4 is supplemented with the following:

No specific unit of measurement will apply to the lump sum item of "Removal of Structure and Obstruction". Traffic signs to be adjusted or moved shall be considered incidental to this bid item. All signs shall remain the property of Lewis County.

3-02.5 Payment
Section 3-02.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1, for the following Bid item when it is included in the Proposal:

"Removal of Structure and Obstruction", lump sum.

If pavements, sidewalks, curbs, or gutters lie within an excavation area, their removal will be paid for as part of the quantity removed in excavation.

3-03, ROADWAY EXCAVATION AND EMBANKMENT

(******)

3-03.3 Construction Requirements

3-03.3(7) Disposal Of Surplus Material

Section 3-03.3(7) is supplemented with the following:

No waste site has been provided to the Contractor for the disposal of unsuitable and excess excavation material. The Contractor shall make his own arrangement to acquire a site for the disposal of unsuitable and excess excavation material.

The Contractor shall make his own arrangements to acquire a site and obtain all environmental permits required for the disposal of the unsuitable excavation material. The Contracting Agency must approve the waste site prior to it being utilized. Approval cannot be given until the Contracting Agency receives copies of all environmental approvals.

All costs for acquiring a disposal site and for the loading, hauling, and disposal of unsuitable and excess excavation material shall be considered incidental to the project and be included in the unit contract prices for the various items of work therein.

3-03.4 Measurement

Section 3-03.4 is supplemented with the following:

(March 13, 1995)

Only one determination of the original ground elevation will be made on this project. Measurement for roadway excavation and embankment will be based on the original ground elevations recorded previous to the award of this contract. Control stakes will be set during construction to provide the Contractor with all essential information for the construction of excavation and embankments.

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method or by the finite element analysis method utilizing digital terrain modeling techniques.

Copies of the ground cross-section notes will be available for the bidder's inspection, before the opening of bids, at the County Engineer's office.

Upon award of the contract, copies of the original ground cross-sections will be furnished to the successful bidder on request to the Project Engineer.

Traffic signs to be adjusted or moved shall be considered incidental to "Removal of Structure and Obstruction".

3-06, WATERING

3-06.1 Description

(******)

Section 3-06.1 is supplemented with the following:

All water shall be incidental to the various bid items of work involved including watering.

DIVISION 4
AGGREGATES & BASES

4-01, PRODUCTION FROM QUARRY AND PIT SITES

4-01.4 Contractor Furnished Material Sources

4-01.4(1) Acquisition and Development

(******)

Section 3-01.4(1) is supplemented with the following:

No source has been provided for any materials necessary for the construction of this project.

DIVISION 5
SURACE TREATMENTS AND PAVEMENTS

5-04, HOT MIX ASPHALT

5-04.1 Description

Section 5-04.1 is replaced with the following:

(LCPW GSP)

This Work shall consist of providing and placing one or more layers of plant-mixed hot mix asphalt (HMA) on a prepared foundation or base in accordance with these Specifications and the lines, grades, thicknesses, and typical cross-sections shown in the Plans. The manufacture of HMA may include additives or processes that reduce the optimum mixing temperature (Warm Mix Asphalt) or serve as a compaction aid in accordance with these specifications.

HMA shall be composed of asphalt binder and mineral materials as may be required, mixed in the proportions specified to provide a homogeneous, stable, and workable mixture.

The term “Approach” shall include Road approaches, driveways, and extensions.

Superintendents, Labor, and Equipment of Contractor

The Contractor shall have a sufficient number of qualified personnel on the project to insure the following minimum crew size:

One paving superintendent
One paver operator
Two screed operators
Three roller operators
Two rakers

These workers shall be present and not assigned to dual activities that would stop them from fulfilling their assigned task while the paver is in operation. There will be one assigned supervisor who will be in charge of paving operations and who will be responsible for work performed.

5-04.2 Materials

Section 5-04.2 is replaced with the following:

(LCPW GSP)

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5
Aggregates	9-03.8
Recycled Asphalt Pavement	9-03.8(3)B
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21

The Contract documents may establish that the various mineral materials required for the manufacture of HMA will be furnished in whole or in part by the Contracting Agency. If the documents do not establish the furnishing of any of these mineral materials by the Contracting Agency, the Contractor shall be required to furnish such materials in the amounts required for the designated mix. Mineral materials include coarse and fine aggregates, and mineral filler.

No recycled asphalt pavement (RAP) may be used in the production of HMA for wearing course.

The grade of asphalt binder shall be as required by the Contract. Blending of asphalt binder from different sources is not permitted.

Production of aggregates shall comply with the requirements of Section 3-01. Preparation of stockpile site, the stockpiling of aggregates, and the removal of aggregates from stockpiles shall comply with the requirements of Section 3-02.

5-04.2(1) How to Get a HMA Mix Design on the QPL

Section 5-04.2(1) is supplemented with the following:

If the contractor wishes to submit a mix design for inclusion in the Qualified Products List (QPL), please follow the WSDOT process outlined in Standard Specification 5-04.2(1).

5-04.2(2) Mix Design – Obtaining Project Approval

Section 5-04.2(2) is supplemented with the following:

(January 3, 2011)

ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be *** 1.0 *** million.

(LCPW GSP)

No paving shall begin prior to the approval of the mix design by the Engineer.

Nonstatistical evaluation will be used for all HMA not designated as Commercial HMA in the contract documents.

Visual evaluation will be used for Commercial HMA and for other classes of HMA if approved by the Engineer, in the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel, and pavement repair. Other nonstructural applications of HMA accepted by visual evaluation shall be as approved by the Project Engineer. Sampling and testing of HMA accepted by visual evaluation will be at the option of the Project Engineer. The Proposal quantity of HMA that is accepted by visual evaluation will be excluded from the quantities used in the determination of nonstatistical evaluation.

Nonstatistical Mix Design. Fifteen days prior to the first day of paving the contractor shall provide one of the following mix design verification certifications for Contracting Agency review;

- The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or one of the mix design verification certifications listed below.
- The proposed HMA mix design on WSDOT Form 350-042 with the seal and certification (stamp & sig-nature) of a valid licensed Washington State Professional Engineer.
- The Mix Design Report for the proposed HMA mix design developed by a qualified City or County laboratory that is within one year of the approval date.

The mix design shall be performed by a lab accredited by a national authority such as Laboratory Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall supply evidence of participation in the AASHTO: resource proficiency sample program.

Mix designs for HMA accepted by Nonstatistical evaluation shall;

- Have the aggregate structure and asphalt binder content determined in accordance with WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-03.8(2), except that Hamburg testing for ruts and stripping are at the discretion of the Engineer, and 9-03.8(6).
- Have anti-strip requirements, if any, for the proposed mix design determined in accordance with AASHTO T 283 or T 324, or based on historic anti-strip and aggregate source compatibility from previous WSDOT lab testing.

At the discretion of the Engineer, agencies may accept verified mix designs older than 12 months from the original verification date with a certification from the Contractor that the materials and sources are the same as those shown on the original mix design.

Visual Evaluation - Approval of a mix design for "Visuall Evaluation" will be based on a review of the Contractor's submittal of WSDOT Form 350-042 (For commercial mixes, AASHTO T 324 evaluation is not required) or a Mix Design from the current WSDOT QPL or from one of the processes allowed by this section. Testing of the HMA by the Contracting Agency for mix design approval is not required.

For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and design level of Equivalent Single Axle Loads (ESAL's) appropriate for the required use.

5-04.3 Construction Requirements

5-04.3(1) Weather Limitations

The first sentence of Section 5-04.3(1) is revised to read:

(August 3, 2009)

HMA for wearing course shall not be placed on any travelled way from ***October 15th*** and through March 31st of the following year without written approval from the Engineer.

5-04.3(3) Equipment

Section 5-04.3(3) is replaced with the following:

(LCPW GSP)

5-04.3(3)A Mixing Plant

Plants used for the preparation of HMA shall conform to the following requirements:

1. **Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt binder shall be equipped to heat and hold the material at the required temperatures. The heating shall be accomplished by steam coils, electricity, or other approved means so that no flame shall be in contact with the storage tank. The circulating system for the asphalt binder shall be designed to ensure proper and continuous circulation during the operating period. A valve for the purpose of sampling the asphalt binder shall be placed in either the storage tank or in the supply line to the mixer.
2. **Thermometric Equipment** – An armored thermometer, capable of detecting temperature ranges expected in the HMA mix, shall be fixed in the asphalt binder feed line at a location near the charging valve at the mixer unit. The thermometer location shall be convenient and safe for access by Inspectors. The plant shall also be equipped with an approved dial-scale thermometer, a mercury actuated thermometer, an electric pyrometer, or another approved thermometric instrument placed at the discharge chute of the drier to automatically register or indicate the temperature of the heated aggregates. This device shall be in full view of the plant operator.
3. **Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed the maximum recommended by the asphalt binder manufacturer nor shall it be below the minimum temperature required to maintain the asphalt binder in a homogeneous state. The asphalt binder shall be heated in a manner that will avoid local variations in heating. The heating method shall provide a continuous supply of asphalt binder to the mixer at a uniform average temperature with no individual variations exceeding 25°F. Also, when a WMA additive is included in the asphalt binder, the temperature of the asphalt binder shall not exceed the maximum recommended by the manufacturer of the WMA additive.
4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall meet the requirements of Section 1-05.6 for the crushing and screening operation. The Contractor shall provide for the setup and operation of the field testing facilities of the Contracting Agency as provided for in Section 3-01.2(2).
5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following methods:

a. A mechanical sampling device attached to the HMA plant.
b. Platforms or devices to enable sampling from the hauling vehicle without entering the hauling vehicle.

5-04.3(3)B Hauling Equipment

Trucks used for hauling HMA shall have tight, clean, smooth metal beds and shall have a cover of canvas or other suitable material of sufficient size to protect the mixture from adverse weather. Whenever the weather conditions during the work shift include, or are forecast to include, precipitation or an air temperature less than 45°F or when time from loading to unloading exceeds 30 minutes, the cover shall be securely attached to protect the HMA.

The contractor shall provide an environmentally benign means to prevent the HMA mixture from adhering to the hauling equipment. Excess release agent shall be drained prior to filling hauling equipment with HMA. Petroleum derivatives or other coating material that contaminate or alter the characteristics of the HMA shall not be used. For live bed trucks, the conveyer shall be in operation during the process of applying the release agent.

5-04.3(3)C Pavers

HMA pavers shall be self-contained, power-propelled units, provided with an internally heated vibratory screed and shall be capable of spreading and finishing courses of HMA plant mix material in lane widths required by the paving section shown in the Plans.

The HMA paver shall be in good condition and shall have the most current equipment available from the manufacturer for the prevention of segregation of the HMA mixture installed, in good condition, and in working order. The equipment certification shall list the make, model, and year of the paver and any equipment that has been retrofitted.

The screed shall be operated in accordance with the manufacturer's recommendations and shall effectively produce a finished surface of the required evenness and texture without tearing, shoving, segregating, or gouging the mixture. A copy of the manufacturer's recommendations shall be provided upon request by the Contracting Agency. Extensions will be allowed provided they produce the same results, including ride, density, and surface texture as obtained by the primary screed. Extensions without augers and an internally heated vibratory screed shall not be used in the Traveled Way.

When specified in the Contract, reference lines for vertical control will be required. Lines shall be placed on both outer edges of the Traveled Way of each Roadway. Horizontal control utilizing the reference line will be permitted. The grade and slope for intermediate lanes shall be controlled automatically from reference lines or by means of a mat referencing device and a slope control device. When the finish of the grade prepared for paving is superior to the established tolerances and when, in the opinion of the Engineer, further improvement to the line, grade, cross-section, and smoothness can best be achieved without the use of the reference line, a mat referencing device may be substituted for the reference line. Substitution of the device will be subject to the continued approval of the Engineer. A joint matcher may be used subject to the approval of the Engineer. The reference line may be removed after the completion of the first course of HMA when approved by the Engineer. Whenever the Engineer determines that any of these methods are failing to provide the necessary vertical control, the reference lines will be reinstalled by the Contractor.

The Contractor shall furnish and install all pins, brackets, tensioning devices, wire, and accessories necessary for satisfactory operation of the automatic control equipment.

If the paving machine in use is not providing the required finish, the Engineer may suspend Work as allowed by Section 1-08.6. Any cleaning or solvent type liquids spilled on the pavement shall be thoroughly removed before paving proceeds.

5-04.3(3)D Material Transfer Vehicle (MTV)

An MTV IS NOT required for this project. If used, the MTV shall mix the HMA after delivery by the hauling equipment and prior to laydown by the paving machine. Mixing of the HMA shall be sufficient to obtain a uniform temperature throughout the mixture.

To be approved for use, an MTV:

1. Shall be self-propelled vehicle, separate from the hauling vehicle or paver.
2. Shall not be connected to the hauling vehicle or paver.
3. May accept HMA directly from the haul vehicle.
4. Shall mix the HMA after delivery by the hauling equipment and prior to placement into the paving machine.
5. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.

Direct transfer of the HMA mixture from the hauling equipment to the paving machine will not be allowed. The Contractor shall use a self-propelled material transfer vehicle (MTV) to deliver the HMA mixture from the hauling equipment to the paving machine when placing HMA pavement on travel lanes and shoulders, when shoulders are paved in conjunction with travel lanes. A material transfer vehicle is not required for small quantities such as driveways and is optional for shoulders that are paved separately from the driving lane(s). A windrow elevator is not acceptable as a transfer device.

The transfer vehicle's holding hopper shall have a minimum capacity of 15 tons. The material transfer vehicle shall mix the HMA after delivery by the hauling equipment but prior to lay down by the paving machine. Mixing of the HMA material shall be sufficient to obtain a consistent temperature throughout the mixture. If a transfer vehicle does not have holding or mixing capabilities, the paving machine shall be fitted with a holding and mixing hopper having a minimum capacity of 15 tons.

Prior to use, the Contractor shall submit the manufacturer and model number of the equipment to the Engineer for review and approval. All costs to incorporate the material transfer device or vehicle into the paving train shall be included in the unit contract price for the HMA.

The Contractor shall deliver the mixture to the paving machine at a rate that provides continuous operation of the paving machine, except for unavoidable delay or breakdown. If excessive stopping of the paving machine occurs during paving operations, the Engineer may suspend paving operations until the mixture deliver rate matches the paving machine operation.

5-04.3(3)E Rollers

Rollers shall be of the steel wheel, vibratory, oscillatory, or pneumatic tire type, in good condition and capable of reversing without backlash. Operation of the roller shall be in

accordance with the manufacturer's recommendations. When ordered by the Engineer for any roller planned for use on the project, the Contractor shall provide a copy of the manufacturer's recommendation for the use of that roller for compaction of HMA. The number and weight of rollers shall be sufficient to compact the mixture in compliance with the requirements of Section 5-04.3(10). The use of equipment that results in crushing of the aggregate will not be permitted. Rollers producing pickup, washboard, uneven compaction of the surface, displacement of the mixture or other undesirable results shall not be used.

5-04.3(4) Preparation of Existing Paved Surfaces

Section 5-04.3(4) is replaced with the following:

5-04.3(4) Preparation of Existing Surfaces

(LCPW GSP)

Before constructing HMA on existing gravel surface, the Contractor shall fine tune grade to a uniform grade and cross-section as shown on the Plans, staked in the field, or approved by the Engineer. This grading shall be incidental to and included in the unit bid price for the HMA.

Before constructing HMA on an existing paved surface, the entire surface of the pavement shall be clean. Entirely remove all fatty asphalt patches, grease drippings, and other deleterious substances from the existing pavement. Thoroughly clean all pavements or bituminous surfaces of dust, soil, pavement grindings, and other foreign matter. Thoroughly remove all cleaning or solvent type liquids spilled on the pavement before paving proceeds. Fill all holes and small depressions with an appropriate class of HMA. Level and thoroughly compact the surface of the patched areas.

When the surface of the existing pavement or old base is irregular, the Contractor shall bring it to a uniform grade and cross-section as shown on the Plans or approved by the Engineer. Preleveling of uneven or broken surfaces over which HMA is to be placed may be accomplished by using an asphalt paver, a motor patrol grader, or by hand raking, as approved by the Engineer.

Compaction of preleveling HMA shall be to the satisfaction of the Engineer and may require the use of small steel wheel rollers, plate compactors, or pneumatic rollers to avoid bridging across preleveled areas by the compaction equipment. Equipment used for the compaction of preleveling HMA shall be approved by the Engineer.

Prior to the application of tack coat, or paving, the condition of the surface shall be approved by the Engineer. Apply a uniform coat of asphalt (tack coat) to all paved surfaces on which courses of HMA are to be placed or abutted. Apply tack coat to cover the cleaned existing pavement with a thin film of residual asphalt free of streaks and bare spots at a rate between 0.02 and 0.10 gallons per square yard of retained asphalt. The rate of application shall be approved by the Engineer. A heavy application of tack coat shall be applied to all joints. For Roadways open to traffic, the application of tack coat shall be limited to surfaces that will be paved during the same working shift. The spreading equipment shall be equipped with a thermometer to indicate the temperature of the tack coat material.

Equipment shall not operate on tacked surfaces until the tack has broken and cured. If the Contractor's operation damages the tack coat it shall be repaired prior to placement of the HMA.

The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h emulsified asphalt may be diluted once with water at a rate not to exceed one part water to one part emulsified

asphalt. The tack coat shall have sufficient temperature such that it may be applied uniformly at the specified rate of application and shall not exceed the maximum temperature recommended by the emulsified asphalt supplier.

5-04.3(4)C Pavement Repair

Section 5-04.3(4)C is replaced with the following:

(LCPW GSP)

Unless otherwise shown on the plan, areas requiring planing bituminous pavement shall have planing completed before performing pavement repair. The Contractor shall excavate pavement repair areas and shall backfill these with HMA in accordance with the details shown in the Plans and as marked in the field. The Contractor shall conduct the excavation operations in a manner that will protect the pavement that is to remain. Pavement not designated to be removed that is damaged as a result of the Contractor's operations shall be repaired by the Contractor to the satisfaction of the Engineer at no cost to the Contracting Agency. The Contractor shall excavate only within one lane at a time unless approved otherwise by the Engineer. The Contractor shall not excavate more area than can be completely finished during the same shift, unless approved by the Engineer.

Unless otherwise shown in the Plans or determined by the Engineer, excavate to a depth of 1.0 feet. The Engineer will make the final determination of the excavation depth required. The minimum width of any pavement repair area shall be 40 inches unless shown otherwise in the Plans. Before any excavation, the existing pavement shall be sawcut or shall be removed by a pavement grinder. Excavated materials will become the property of the Contractor and shall be disposed of in a Contractor-provided site off the Right of Way or used in accordance with Sections 2-02.3(3) or 9-03.21.

Asphalt for tack coat shall be required as specified in Section 5-04.3(4). A heavy application of tack coat shall be applied to all surfaces of existing pavement in the pavement repair area.

Placement of the HMA backfill shall be accomplished in lifts not to exceed 0.35-foot compacted depth. Lifts that exceed 0.35-foot of compacted depth may be accomplished with the approval of the Engineer. Each lift shall be thoroughly compacted by a mechanical tamper or a roller.

5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA

Section 5-04.3(8) is replaced with the following:

(LCPW GSP)

For HMA accepted by nonstatistical evaluation the aggregate properties of sand equivalent, uncompacted void content and fracture will be evaluated in accordance with Section 3-04. Sampling and testing of aggregates for HMA accepted by commercial evaluation will be at the option of the Engineer.

5-04.3(9) HMA Mixture Acceptance

Section 5-04.3(9) is replaced with the following:

(LCPW GSP)

Acceptance of HMA shall be as provided under nonstatistical, or visual evaluation.

Nonstatistical evaluation will be used for the acceptance of HMA unless Visual Evaluation is specified.

Visual evaluation will be used for Commercial HMA and for other classes of HMA in the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel, temporary pavement, and pavement repair. Other nonstructural applications of HMA accepted by visual evaluation shall be as approved by the Engineer. Sampling and testing of HMA accepted by visual evaluation will be at the option of the Engineer.

5-04.3(9)A Vacant

5-04.3(9)B Vacant

5-04.3(9)C Mixture Acceptance – Nonstatistical Evaluation

HMA mixture which is accepted by Nonstatistical Evaluation will be evaluated by the Contracting Agency by dividing the HMA tonnage into lots.

5-04.3(9)C1 Mixture Nonstatistical Evaluation – Lots and Sublots

A lot is represented by randomly selected samples of the same mix design that will be tested for acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix Formula placed. Only one lot per JMF is expected. A sublot shall be equal to one day's production or 800 tons, whichever is less except that the final sublot will be a minimum of 400 tons and may be increased to 1200 tons.

All of the test results obtained from the acceptance samples from a given lot shall be evaluated collectively. If the Contractor requests a change to the JMF that is approved, the material produced after the change will be evaluated on the basis of the new JMF for the remaining sublots in the current lot and for acceptance of subsequent lots. For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

Sampling and testing for evaluation shall be performed on the frequency of one sample per sublot.

5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling

Samples for acceptance testing shall be obtained by the Contractor when ordered by the Engineer. The Contractor shall sample the HMA mixture in the presence of the Engineer and in accordance with AASHTO T 168. A minimum of three samples should be taken for each class of HMA placed on a project. If used in a structural application, at least one of the three samples shall to be tested.

Sampling and testing HMA in a Structural application where quantities are less than 400 tons is at the discretion of the Engineer.

For HMA used in a structural application and with a total project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance test shall be performed. In all cases, a minimum of 3 samples will be obtained at the point of acceptance, a minimum of one of the three samples will be tested for conformance to the JMF:

- If the test results are found to be within specification requirements, additional testing will be at the Engineer's discretion.
- If test results are found not to be within specification requirements, additional testing of the remaining samples to determine a Composite Pay Factor (CPF) shall be performed.

5-04.3(9)C3 Mixture Nonstatistical Evaluation – Acceptance Testing

Testing of HMA for compliance of V_a will be at the option of the Contracting Agency. If tested, compliance of V_a will use WSDOT SOP 731.

Testing for compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308.

Testing for compliance of gradation will be by FOP for WAQTC T 27/T 11.

5-04.3(9)C4 Mixture Nonstatistical Evaluation – Pay Factors

For each lot of material falling outside the tolerance limits in 5-04.3(9), the Contracting Agency will determine a Composite Pay Factor (CPF) using the following price adjustment factors:

Table of Price Adjustment Factors	
Constituent	**Factor "f"**
All aggregate passing: 1½″, 1″, ¾″, ½″, ⅜″ and No.4 sieves	2
All aggregate passing No. 8 sieve	15
All aggregate passing No. 200 sieve	20
Asphalt binder	40
Air Voids (Va) (where applicable)	20

Each lot of HMA produced under Nonstatistical Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price with no further evaluation. When one or more constituents fall outside the nonstatistical tolerance limits in the Job Mix Formula shown in Table of Price Adjustment Factors, the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The nonstatistical tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the Roadway shall be tested to provide a minimum of three sets of results for evaluation.

5-04.3(9)C5 Vacant

5-04.3(9)C6 Mixture Nonstatistical Evaluation – Price Adjustments

For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The total job mix compliance price adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract price per ton of mix.

If a constituent is not measured in accordance with these Specifications, its individual pay factor will be considered 1.00 in calculating the Composite Pay Factor (CPF).

5-04.3(9)C7 Mixture Nonstatistical Evaluation - Retests

The Contractor may request a sublot be retested. To request a retest, the Contractor shall submit a written request within 7 calendar days after the specific test results have been received. A split of the original acceptance sample will be retested. The split of the sample will not be tested with the same tester that ran the original acceptance test. The sample will be tested for a complete gradation analysis, asphalt binder content, and, at the option of the agency, V_a. The results of the retest will be used for the acceptance of the HMA in place of the original sublot sample test results. The cost of testing will be deducted from any monies due or that may come due the Contractor under the Contract at the rate of $500 per sample.

5-04.3(9)D Mixture Acceptance – Visual Evaluation

If sampled and tested, HMA produced under Visual Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price with no further evaluation. When one or more constituents fall outside the visual tolerance limits in the Job Mix Formula shown in 9-08.8(7) the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The visual tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the street shall be tested to provide a minimum of three sets of results for evaluation.

For each lot of HMA mix produced and tested under Visual Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The Job Mix Compliance Price Adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract price per ton of mix.

If a constituent is not measured in accordance with these Specifications, its individual pay factor will be considered 1.00 in calculating the Composite Pay Factor (CPF).

5-04.3(10) HMA Compaction Acceptance

The first paragraph and Table 14 in Section 5-04.3(10) is replaced with the following:

(LCPW GSP)

HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for intersections, ramps, truck climbing, weaving, and speed change, and having a specified compacted course thickness greater than 0.10-foot, shall be compacted to a specified level of relative density. The specified level of relative density shall be a Composite Pay Factor (CPF) of not less than 0.75 when evaluated in accordance with Section 1-06.2, using a LSL of 92.0 (minimum of 92 percent of the maximum density). The maximum density shall be determined by WSDOT FOP for AASHTO T 729. The specified level of density attained will be determined by the evaluation of the density of the pavement. The density of the pavement shall be determined in accordance with WSDOT FOP for ASSHTO T 355, except that gauge correlation will be at the discretion of the Engineer, when using the nuclear density gauge and WSDOT SOP 736 when using cores to determine density.

Tests for the determination of the pavement density will be taken in accordance with the required procedures for measurement by a nuclear density gauge or roadway cores after completion of the finish rolling.

If the Contracting Agency uses a nuclear density gauge to determine density the test procedures WSDOT FOP for ASSHTO T 355 and WSDOT SOP T 729 will be used on the day the mix is placed and prior to opening to traffic.

Roadway cores for density may be obtained by either the Contracting Agency or the Contractor in accordance with WSDOT SOP 734. The core diameter shall be 4-inches minimum, unless otherwise approved by the Engineer. Roadway cores will be tested by the Contracting Agency in accordance with WSDOT FOP for AASHTO T 166.

If the Contract includes the Bid item "Roadway Core" the cores shall be obtained by the Contractor in the presence of the Engineer on the same day the mix is placed and at locations designated by the Engineer. If the Contract does not include the Bid item "Roadway Core" the Contracting Agency will obtain the cores.

For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

HMA mixture accepted by visual evaluation and HMA constructed under conditions other than those listed above shall be compacted on the basis of a test point evaluation of the compaction train. The test point evaluation shall be performed in accordance with instructions from the Engineer. The number of passes with an approved compaction train, required to attain the maximum test point density, shall be used on all subsequent paving.

HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling wheel rutting shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

Test Results

For a sublot that has been tested with a nuclear density gauge that did not meet the minimum of 92 percent of the reference maximum density in a compaction lot with a CPF below 1.00 and thus subject to a price reduction or rejection, the Contractor may request that a core be used for determination of the relative density of the sublot. The relative density of the core will replace the relative density determined by the nuclear density gauge for the sublot and will be used for calculation of the CPF and acceptance of HMA compaction lot.

When cores are taken by the Contracting Agency at the request of the Contractor, they shall be requested by noon of the next workday after the test results for the sublot have been provided or made available to the Contractor. Core locations shall be outside of wheel paths and as determined by the Engineer. Traffic control shall be provided by the Contractor as requested by the Engineer. Failure by the Contractor to provide the requested traffic control will result in forfeiture of the request for cores. When the CPF for the lot based on the results of the HMA cores is less than 1.00, the cost for the coring will be deducted from any monies due or that may become due the Contractor under the Contract at the rate of $200 per core and the Contractor shall pay for the cost of the traffic control.

5-04.3(10)C HMA Compaction Acceptance – Statistical Evaluation

Section 5-04.3(10)C is replaced with the following:

(LCPW GSP)

5-04.3(10)C HMA Compaction Acceptance - Nonstatistical Evaluation

5-04.3(10)D1 HMA Nonstatistical Compaction – Lots and Sublots

HMA compaction which is accepted by nonstatistical evaluation will be based on acceptance testing performed by the Contracting Agency dividing the project into compaction lots.

A lot is represented by randomly selected samples of the same mix design that will be tested for acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix Formula placed. Only one lot per JMF is expected. A sublot shall be equal to one day's production or 400 tons, whichever is less except that the final sublot will be a minimum of 200 tons and may be increased to 800 tons. Testing for compaction will be at the rate of 5 tests per sublot per WSDOT T 738. The compaction test locations will be determined by the Engineer in accordance with WSDOT Test Method T 716.

The sublot locations within each density lot will be determined by the Engineer. For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

HMA mixture accepted by visual evaluation and HMA constructed under conditions other than those listed above shall be compacted on the basis of a test point evaluation of the compaction train. The test point evaluation shall be performed in accordance with instructions from the Engineer. The number of passes with an approved compaction train, required to attain the maximum test point density, shall be used on all subsequent paving.

HMA for preleveling shall be thoroughly compacted. HMA that is used to prelevel wheel ruts shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

5-04.3(10)D2 HMA Compaction Nonstatistical Evaluation – Acceptance Testing

The location of the HMA compaction acceptance tests will be randomly selected by the Engineer from within each sublot, with one test per sublot. The Contracting Agency will determine the random sample location using WSDOT Test Method T 716.

5-04.3(10)D3 HMA Nonstatistical Compaction – Price Adjustments

For each compaction lot with one or two sublots, having all sublots attain a relative density that is 92 percent of the reference maximum density the HMA shall be accepted at the unit Contract price with no further evaluation. When a sublot does not attain a relative density that is 92 percent of the reference maximum density, the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The maximum CPF shall be 1.00, however, lots with a calculated CPF in excess of 1.00 will be used to offset lots with CPF values below 1.00 but greater than 0.90. Lots with CPF lower than 0.90 will be evaluated for compliance per 5-04.3(11). Additional testing by either a nuclear moisture-density gauge or cores will be completed as required to provide a minimum of three tests for evaluation.

For compaction below the required 92% a Non-Conforming Compaction Factor (NCCF) will be determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of CPF, the

quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of mix.

5-04.3(11) Reject Work

5-04.3(11)A Reject Work General

Section 5-04.3(11)A is supplemented with the following:

(LCPW GSP)

HMA that has been rejected is subject to the requirements in Section 1-06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to the Engineer for approval.

5-04.3(11)C Rejection Without Testing (Mixture or Compaction)

Section 5-04.3(11)C is replaced with the following:

(LCPW GSP)

The Engineer may, without sampling, reject any batch, load, or section of Roadway that appears defective. Material rejected before placement shall not be incorporated into the pavement. Any rejected section of Roadway shall be removed.

No payment will be made for the rejected materials or the removal of the materials unless the Contractor requests that the rejected material be tested. If the Contractor elects to have the rejected material tested, a minimum of three representative samples will be obtained and tested. Acceptance of rejected material will be based on conformance with the nonstatistical acceptance Specification. If the CPF for the rejected material is less than 0.75, no payment will be made for the rejected material; in addition, the cost of sampling and testing shall be borne by the Contractor. If the CPF is greater than or equal to 0.75, the cost of sampling and testing will be borne by the Contracting Agency. If the material is rejected before placement and the CPF is greater than or equal to 0.75, compensation for the rejected material will be at a CPF of 0.75. If rejection occurs after placement and the CPF is greater than or equal to 0.75, compensation for the rejected material will be at the calculated CPF with an addition of 25 percent of the unit Contract price added for the cost of removal and disposal.

5-04.3(11)D Rejection - A Partial Sublot

Section 5-04.3(11)D is replaced with the following:

(LCPW GSP)

In addition to the random acceptance sampling and testing, the Engineer may also isolate from a normal sublot any material that is suspected of being defective in relative density, gradation or asphalt binder content. Such isolated material will not include an original sample location. A minimum of three random samples of the suspect material will be obtained and tested. When uncompacted material is required for testing but is not available, the Engineer will select random sample locations on the roadway in accordance with WSDOT Test Method T716, take core samples in accordance with WSDOT SOP 734, and test the material in accordance with WSDOT SOP 737. The material will then be evaluated as an independent lot in accordance with Section 1-06.2(2) and these Special Provisions.

5-04.3(11)E Rejection - An Entire Sublot

Section 5-04.3(11)E is replaced with the following:

(LCPW GSP)

An entire sublot that is suspected of being defective may be rejected. When a sublot is rejected a minimum of two additional random samples from this sublot will be obtained. When uncompacted material is required for the additional samples but the material has been compacted, the Contracting Agency will take and test cores from the roadway as described in Section 5-04.3(11)D. These additional samples and the original sublot will be evaluated as an independent lot in accordance with Section 1-06.2(2), and these Special Provisions.

5-04.3(12) Joints

5-04.3(12)A HMA Joints

5-04.3(12)A1 Transverse Joints

The first sentence in the second paragraph is replaced with the following:

(LCPW GSP)

A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse joint as a result of paving or planing is open to traffic.

5-04.3(13) Surface Smoothness

The last paragraph of Section 5-04.3(13) is replaced with the following:

(LCPW GSP)

When utility appurtenances such as manhole covers and valve boxes are located in the traveled way, the utility appurtenances shall be adjusted to the finished grade prior to paving. This requirement may be waived when requested by the Contractor, at the discretion of the Engineer or when the adjustment details provided in the project plan or specifications call for utility appurtenance adjustments after the completion of paving.

Utility appurtenance adjustment discussions will be included in the Pre-Paving planning (5-04.3(14)B3). Submit a written request to waive this requirement to the Engineer prior to the start of paving.

5-04.3(14) Planing (Milling) Bituminous Pavement

Section 5-04.3(14) is replaced with the following:

(LCPW GSP)

The planing plan must be approved by the Engineer and a pre planing meeting must be held prior to the start of any planing. See Section 5-04.3(14)B2 for information on planing submittals.

Locations of existing surfacing to be planed are as shown in the Drawings.

For mainline planing operations, use equipment with automatic controls and with sensors for either or both sides of equipment. The controls shall be capable of sensing the grade from an outside reference line, or a mat-referencing device. The automatic controls shall have a transverse slope

controller capable of maintaining the mandrel at the desired transverse slope (expressed as a percentage) within plus or minus 0.1 percent.

Where planing an existing pavement is specified in the Contract, the Contractor must remove existing surfacing material and to reshape the surface to remove irregularities. The finished product must be a prepared surface acceptable for receiving an HMA overlay.

Use the cold milling method for planing unless otherwise specified in the Contract. Do not use the planer on the final wearing course of new HMA.

Conduct planing operations in a manner that does not tear, break, burn, or otherwise damage the surface which is to remain. The finished planed surface must be slightly grooved or roughened and must be free from gouges, deep grooves, ridges, or other imperfections. The Contractor must repair any damage to the surface by the Contractor's planing equipment, using an Engineer approved method.

The Contractor where necessary shall plane or grind, and provide any hand work necessary to work around utility appurtenances, castings, lids, curbs, gutters, sidewalks, manholes, and catch basins to provide smooth transition of pavement to the finished thickness and grade as staked in the field or approved by the Engineer.

Repair or replace any metal castings and other surface improvements damaged by planing, as determined by the Engineer.

A tapered wedge cut must be planed longitudinally along curb lines sufficient to provide a minimum of 4 inches of curb reveal after placement and compaction of the final wearing course. The dimensions of the wedge must be as shown on the Drawings or as specified by the Engineer.

A tapered wedge cut must also be made at transitions to adjoining pavement surfaces (meet lines) where butt joints are shown on the Drawings. Cut butt joints in a straight line with vertical faces 2 inches or more in height, producing a smooth transition to the existing adjoining pavement.

After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract, patched and preleveled. The Engineer may direct additional depth planing. Before performing this additional depth planing, the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-04.3(14)A.

5-04.3(14)A Pre-Planing Metal Detection Check

Before starting planing of pavements, and before any additional depth planing required by the Engineer, the Contractor must conduct a physical survey of existing pavement to be planed with equipment that can identify hidden metal objects.

Should such metal be identified, promptly notify the Engineer.

See Section 1-07.16(1) regarding the protection of survey monumentation that may be hidden in pavement.

The Contractor is solely responsible for any damage to equipment resulting from the Contractor's failure to conduct a pre-planing metal detection survey, or from the Contractor's failure to notify the Engineer of any hidden metal that is detected.

5-04.3(14)B Paving and Planing Under Traffic

5-04.3(14)B1 General

In addition the requirements of Section 1-07.23 and the traffic controls required in Section 1-10, and unless the Contract specifies otherwise or the Engineer approves, the Contractor must comply with the following:

1. Intersections:
   a. Keep intersections open to traffic at all times. Unless otherwise specified in the Contract, any closure of a road or instersection requires Engineer approval.
   b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.
   c. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
   d. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.
2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
3. Permanent pavement marking must comply with Section 8-22.

5-04.3(14)B2 Submittals – Planing Plan and HMA Paving Plan

The Contractor must submit a separate planing plan and a separate paving plan as a Type 2 Working Drawing to the Engineer. These plans must show how the moving operation and traffic control are coordinated, as they will be discussed at the pre-planing briefing and pre-paving briefing.

The planing operation and the paving operation include, but are not limited to, metal detection, removal of asphalt and temporary asphalt of any kind, tack coat and drying, staging of supply trucks, paving trains, rolling, scheduling, and as may be discussed at the briefing.

At a minimum, the planing and the paving plan must include:

1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each day's traffic control as it relates to the specific requirements of that day's planing and paving. Briefly describe the sequencing of traffic control consistent with the proposed planing and paving sequence, and scheduling of placement of temporary pavement markings and channelizing devices after each day's planing, and paving.
2. A copy of each intersection's traffic control plan.

3. Haul routes from Supplier facilities, and locations of temporary parking and staging areas, including return routes. Describe the complete round trip as it relates to the sequencing of paving operations.
4. Names and locations of HMA Supplier facilities to be used.
5. List of all equipment to be used for paving.
6. List of personnel and associated job classification assigned to each piece of paving equipment.
7. Description (geometric or narrative) of the scheduled sequence of planing and of paving, and intended area of planing and of paving for each day's work, must include the directions of proposed planing and of proposed paving, sequence of adjacent lane paving, sequence of skipped lane paving, intersection planing and paving scheduling and sequencing, and proposed notifications and coordinations to be timely made. The plan must show HMA joints relative to the final pavement marking lane lines.
8. Names, job titles, and contact information for field, office, and plant supervisory personnel.
9. A copy of the approved Mix Designs.
10. Tonnage of HMA to be placed each day.
11. Approximate times and days for starting and ending daily operations.

5-04.3(14)B3 Pre-Paving and Pre-Planing Briefing

At least 2 Working Days before the first paving operation and the first planing operation, or as scheduled by the Engineer for future paving and planing operations to ensure the Contractor has adequately prepared for notifying and coordinating as required in the Contract, the Contractor must be prepared to discuss that day's operations as they relate to other entities and to public safety and convenience, including driveway and business access, garbage truck operations, Metro transit operations and working around energized overhead wires, school and nursing home and hospital and other accesses, other contractors who may be operating in the area, pedestrian and bicycle traffic, and emergency services. The Contractor, and Subcontractors that may be part of that day's operations, must meet with the Engineer and discuss the proposed operation as it relates to the submitted planing plan and paving plan, approved traffic control plan, and public convenience and safety. Such discussion includes, but is not limited to:

1. General for both Paving Plan and for Planing Plan:
    a. The actual times of starting and ending daily operations.
    b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
    c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other contractors who may operate in the Project Site.
    d. Notifications required of Contractor activities and coordinating with other entities and the public as necessary.
    e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
    f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed

g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, street car rail, and castings, before planning, see Section 5-04.3(14)B2.

h. Description of how flaggers will be coordinated with the planing, paving, and related operations.

i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.

j. Other items the Engineer deems necessary to address.

2. Paving – additional topics:

a. When to start applying tack and coordinating with paving.

b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of the personnel operating the types of equipment. Discuss the continuance of operator personnel for each type equipment as it relates to meeting Specification requirements.

c. Number of JMFs to be placed, and if more than one JMF how the Contractor will ensure different JMFs are distinguished, how pavers and MTVs are distinguished if more than one JMF is being placed at the time, and how pavers and MTVs are cleaned so that one JMF does not adversely influence the other JMF.

d. Description of contingency plans for that day's operations such as equipment breakdown, rain out, and Supplier shutdown of operations.

e. Number of sublots to be placed, sequencing of density testing, and other sampling and testing.

5-04.5 Payment

Section 5-04.5 is supplemented with the following:

5-04.5(1) Quality Assurance Price Adjustment

In the event that test results (mix and/or compaction) indicate the HMA does not meet specifications, a change order will be issued for the price adjustments for Quality of HMA Mixture and Quality of HMA Compaction based upon these specifications.

5-04.5(1)B Price Adjustments for Quality of HMA Compaction

Nonconforming Compaction Factor (NCCF)
The maximum CPF of a compaction lot is 1.00.

For each compaction lot of HMA when the CPF is less than 1.00, a Nonconforming Compaction Factor (NCCF) will be determined. THE NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of the NCCF, the quantity of HMA in the lot in tons and the unit contract price per ton of the mix.

The CPF shall be as follows:

Compaction	CPF
91.0% to 91.9%	95%
90.0% to 90.9%	90%
89.0% to 89.9%	80%

88.0% to 88.9%	75%
At or below 87.9%	Mix is removed

Nonconforming Mix Factor (NCMF)

For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The total job mix compliance price adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract price per ton of mix.

DIVISION 6
STRUCTURES

6-01 GENERAL REQUIREMENTS FOR STRUCTURES

6-01.2 Foundation Data

Section 6-01.2 is supplemented with the following:

(******)

The Contractor should review the geotechnical recommendations report prepared for this project. A copy of the geotechnical recommendations report are attached for review by prospective bidders in Appendix A.

6-02 CONCRETE STRUCTURES

6-02.1 Description

Section 6-02.1 is supplemented with the following:

(******)

The Contractor shall supply and install prestressed concrete slab girders as per the Contract Plans and these specifications. The “Superstructure shall be designed to support AASHTO HL-93 loading per the latest version of the WSDOT Bridge Design Manual. Bridge dead loads shall include the Contractor supplied superstructure, the depicted 5 Inch Minimum Concrete Deck (per Contract Plans), Bridge Rail with Anchor Bolts and curb per Contract Plans, and any other applicable permanent loads related to the superstructure. The outside slab girders shall include a drip edge.

Two sets of superstructure plans stamped and certified by a Civil Engineer licensed in the State of Washington shall be provided to Lewis County within forty-five working days of contract award. Plans shall include connection details (if any), lifting details, assembly, and installation details.

Note 1 of General Notes on page B02 of the Contract Plans shall state Washington State Department of Transportation Standard Specifications for Road, Bridge and Municipal Construction dated 2025 and Project Special Provisions.

6-02.3 Construction Requirements

6-02.3(14) Finishing Concrete Surfaces

6-02.3(14)C Pigmented Sealer for Concrete Surfaces

Section 6-02.3(14)C is supplemented with the following:

(April 6, 2009)
The color of the pigmented sealer shall be Washington Gray.

6-02.3(20) Grout for Anchor Bolts and Bridge Bearings

Section 6-02.3(20) is supplemented with the following:

(June 26, 2000)
Grout placed at the following locations shall conform to the requirements of this section.

Grout required for girder bearing under elastomeric bearing pads.

6-02.4 Measurement

Section 6-02.4 is supplemented with the following:

(September 8, 2020)
*** "Superstructure – Jones Road Bridge MP 1.71" *** contains the following approximate quantities of materials and work:

***

Prestressed Void Slab Girders	304	LF
Concrete Class 4000D	40	CY
Epoxy Coated Steel Reinf. Bar	4700	LB
Steel Reinf. Bar	600	LB
Elastomeric Bearing Pad	16	EA

***

The quantities are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for accepted changes will be made in the lump sum Contract price for *** "Superstructure - Jones Road Bridge MP 1.71" *** even though the actual quantities required may deviate from those listed.

6-02.5 Payment

Section 6-02.5 is supplemented with the following:

(June 26, 2000)
"Superstructure – Jones Road Bridge MP 1.71"
All costs in connection with furnishing and installing the prestressed concrete girders, deck, bearing pads and traffic barrier shall be included in the lump sum contract price for *** "Superstructure - Jones Road Bridge MP 1.71" ***.

(June 26, 2000)
Bridge and Structures Minor Items
For the purpose of payment, such bridge and structures items as *** construction geotextile for underground drainage, underdrain pipe, gravel backfill for drain *** etc., for which there is no pay item included in the proposal, are considered as bridge and structures minor items. All costs in connection with furnishing and installing these bridge and structures minor items as shown and noted in the Plans and as outlined in these specifications and in the Standard Specifications shall be included in the *** Conc. Class 4000 for Bridge. ***

6-05 PILING

6-05.3 Construction Requirements

6-05.3(5) Manufacture of Steel Piles

Section 6-05.3(5) is supplemented with the following:

(September 8, 2020)
Furnishing St. Piling

Welding for steel pipe piling shall conform to AWS D1.1/D1.1M, latest edition, Structural Welding Code, and Section 6-03.3(25), except that all weld filler metal shall be low hydrogen material selected from Table 4.1 in AASHTO/AWS D1.5M/D1.5:2020 Bridge Welding Code.

Welding and joint geometry for the seam, whether it be longitudinal or helical, shall be qualified in accordance with Clause 4, Qualification, of the AWS D1.1/D1.1M, latest edition, Structural Welding Code. In addition, charpy V-notch (CVN) testing in accordance with Clause 4, Part D, of the AWS D1.1/D1.1M, latest edition, Structural Welding Code, shall be performed. CVN testing shall include five tests at 0°F. The acceptance threshold for the five samples shall meet an average value of 20-foot-pounds CVN for the set of test coupons and a minimum value of 15-foot-pounds CVN for any individual test coupon. The Contractor may submit documentation of prior qualification to the Engineer to satisfy this requirement.

Dimensional tolerances shall conform to the material specification that the steel pipe piling is manufactured under, and, at a minimum, the following requirements:

1. Out-of-roundness shall be within 1-percent of the nominal outside diameter.

2. Deviation from a straight line, parallel to the centerline of the pile, shall not exceed 0.001 times the length of the pile.

3. The maximum radial offset of the strip/plate edges shall be 1/8-inch. The offset shall be transitioned with a taper weld and the slope shall not be less than a 1 in 2.5 taper.

4. The bead height of weld reinforcement shall not exceed 3/16-inch.

5. Misalignment of weld beads for double-sided welded pipe shall not exceed 1/8-inch.

6. The wall thickness shall not be less than 95-percent or greater than 110-percent of the specified nominal thickness.

All seams and skelp splices shall be complete penetration welds. Skelp splices in spiral welded (helical seam) pipe shall not be located within 12 inches of a girth shop or field weld.

All skelp splices shall be 100 percent radiographically or ultrasonically inspected in accordance with either API 5L Annex E Section E.4 or E.5, or Table 6.2 and Clause 6 Part E, F or G in AWS D1.1/D1.1M, latest edition, Structural Welding Code. Additionally, 10-percent of the total length of seam welds for both longitudinal and helical welded pipe, and one pipe diameter length of seam centered on any skelp splice intersection, shall be randomly inspected as specified above. If repairs are required in more than 10-percent of the welds examined, additional inspection shall be performed. The additional inspection shall be made on both sides of the repair for a length equal to 10-percent of the length of the pipe outside

circumference. If repairs are required in more than 10-percent of welds examined in the second sample, 100-percent of the entire seam on the pile shall be inspected.

All seams and splices shall be 100 percent visually inspected in accordance with the acceptance criteria for statically loaded non-tubular connections in Table 6.1 of the AWS D1.1/D1.1M, latest edition, Structural Welding Code. Repairs shall conform to Section 5.26 of the AWS D1.1/D1.1M, latest edition, Structural Welding Code, using approved repair and weld procedures.

Each length of steel pipe pile shall be marked with paint stencil, no closer than six inches to the end of the pipe, with the name of the manufacturer, material specification and grade of pipe, steel heat number, nominal pipe diameter, and wall thickness.

6-05.3(6) Splicing Steel Casings and Steel Piles

Section 6-05.3(6) is supplemented with the following:

(September 8, 2020)
Furnishing St. Piling

Welding for steel pipe piling shall conform to AWS D1.1/D1.1M, latest edition, Structural Welding Code, and Section 6-03.3(25), except that all weld filler metal shall be low hydrogen material selected from Table 4.1 in AASHTO/AWS D1.5M/D1.5:2020 Bridge Welding Code.

Welding and joint geometry for splices shall be qualified in accordance with Clause 4, Qualification, of the AWS D1.1/D1.1M, latest edition, Structural Welding Code. In addition, charpy V-notch (CVN) testing in accordance with Clause 4, Part D, of the AWS D1.1/D1.1M, latest edition, Structural Welding Code, shall be performed. CVN testing shall include five tests at 0°F. The acceptance threshold for the five samples shall meet an average value of 20-foot-pounds CVN for the set of test coupons and a minimum value of 15-foot-pounds CVN for any individual test coupon. The Contractor may submit documentation of prior qualification to the Engineer to satisfy this requirement.

Ends of steel pipe piling shall be prepared for splicing in accordance with AWS D1.1/D1.1M, latest edition, Structural Welding Code.

All splices shall be complete penetration groove welds using continuous backing rings of 1/4 inch minimum thickness. Tack welds shall be located in the root of the complete penetration groove weld.

Shop splices shall be 100 percent visually and ultrasonically inspected in accordance with the acceptance criteria for statically loaded non-tubular connections in Table 6.1 and the acceptance criteria in Table 6.2 in AWS D1.1/D1.1M, latest edition, Structural Welding Code. Repairs for shop and field splices shall conform to Section 5.26 of AWS D1.1/D1.1M, latest edition, Structural Welding Code, using approved repair and weld procedures.

Field splice welds and welders shall be further qualified, tested and inspected as follows:

1. Welder qualification shall be performed on sample full girth sections of steel pipe pile to be used, in the same position and using the same weld joint as for production pile splicing. At the Contractor's option, these tests may be performed on the test piles during test pile installation.

2. Weld qualification tests shall be conducted in the presence of the Contractor's CWI and a representative of the Contracting Agency.

3. Field welded test joints for welder qualification shall be inspected as specified above for shop splices.

4. Production pile field splices shall be inspected as specified above for shop splices, within the limits designated for UT inspection as shown in the Plans. All welds shall be 100 percent visually inspected. The Engineer and the Contractor's CWI reserve the right to request UT inspection of splices in any pile location.

Quality control for field welding shall be conducted by an AWS Certified Welding Inspector (CWI). The Contractor shall not begin pile splicing operations until receiving the CWI's approval of the joint fit-up. The CWI shall inspect 100 percent of all field welds in accordance with the criteria and requirements specified above. All field splices shall have received the CWI's approval prior to Engineer acceptance.

The CWI shall prepare a Type 1 Working Drawing documenting the results of the nondestructive quality control inspection of all field welds, and shall submit the report to the Engineer within five working days of the completion of the final pile splice in the project or as otherwise requested by the Engineer.

DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

7-09 WATER MAINS

(******)

7-09.1 Description

Section 7-09.1 is supplemented with the following:

This work will include the City of Centralia Watermain Relocation Contract plans and Special Provisions.

(******)

7-09.3 Construction Requirements

Section 7-09.3 is supplemented with the following:

The Contractor shall furnish all materials and perform all labor as shown in the Contract Plans C1 thru C10, to include equipment. The Contract shall submit a Type 2 Working Drawing outlining schedule, materials all performed as per Section 7-09 of the Standard Specifications and the Contract Drawings.

(******)

7-09.4 Measurement

Section 7-09.4 is supplemented with the following:

There will be no measurement for the Lump Sum Item Centralia Watermain Relocation.

(******)

7-09.5 Payment

Section 7-09.5 is supplemented with the following:

"Centralia Watermain Relocation" per Lump Sum.

The Lump Sum cost shall include all Materials, labor and equipment to perform the work as shown in the Contract Plans C1 thru C10. Perform all tests, Sanitation and dewatering as described in Section 7-09 of the Standard Specifications

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.4 Measurement

Section 8-01.4 is supplemented with the following:

As noted on the plans, a temporary 12-inch diameter culvert is to be installed under one of the stabilized construction entrances.

"Stabilized Construction Entrance" will be measured per square yard for each construction entrance installed and removed.

8-01.5 Payment

Section 8-01.5 is supplemented with the following:

Payment for "Stabilized Construction Entrance" will be per square yard.
The temporary 18-inch diameter culvert installed under one of the stabilized construction entrances shall be included in and incidental to the pay item "Stabilized Construction Entrance".

8-02 ROADSIDE RESTORATION

8-02.1 Description

Section 8-02.1 is supplemented with the following:

(******)
The work described in this section, regardless of the nature or type of the materials encountered, includes supplying plant material, planting and installing plant protectors, installing bark mulch areas/rings (at tree and shrub locations) and installing identification stakes as shown in the contract plans, staked in the field, and directed by the engineer. This work shall be accomplished in accordance with all environmental permits regulating the work.

8-02.3 Construction Requirements

8-02.3(6) Mulch and Amendments

Section 8-02.3(6) is supplemented with the following:

(******)
Long-Term Wood Cellulose Fiber mulch shall be applied at a rate of 4,000 pounds per acre with all restoration/permanent seed mixes and shall conform to Section 9-14.4(2)A Long-Term Mulch of the Standard Specifications. No more than 2,000 pounds shall be applied in any single lift.

Tackifiers with mulch tracer shall be applied per the manufacturer's recommendation. PAM shall be added to seed mixes at the time of hydraulic application. Application rates and methods shall conform to Section 8-01.3(2)E of the Standard Specifications.

No fertilizer shall be used at this project site.

8-02.3(8) Planting

Section 8-02.3(8) is supplemented with the following:

(******)

PLANTING MITIGATION CONSTRUCTION

The Contractor shall grade, plant, and otherwise construct mitigated planting areas as shown in the Contract Plans, staked in the field, and required by the Engineer. The planting of the enhancement sites shall be performed by a biologist, horticulturist, landscape architect or other similar professional. The credentials of the supervisor of this work shall be approved by the Engineer prior to beginning work on this item.

8-02.9 Seeding, Fertilizing, and Mulching

8-02.3(9)C Seeding with Fertilizers and Mulches

Section 8-02.3(9)C is supplemented with the following:

(******)

Restoration Seed mix breakdown and rate of application is shown on the plans.

After seeding, the Contractor shall be responsible to ensure a healthy stand of grass, otherwise, the Contractor shall, restore eroded areas, clean up materials, and reapply the seed, at no cost to the Contracting Agency.

Seeds shall be certified “Weed Free,” indicating there are no noxious or nuisance weeds in the seed.

No fertilizer shall be used at this project site.

8-02.3(13) Plant Establishment

Section 8-02.3(13) is replaced with the following:

(******)

The Contractor shall provide a one-year plant guarantee period from the date of final acceptance, in accordance with performance standards of local, state and federal permits. At the end of the one-year guarantee period, all dead and unacceptable plant materials shall be replaced by the Contractor at the Contractor’s expense. The Contractor shall provide maintenance and monitoring efforts during the guarantee period.

All shrubs and trees in the planting mitigation area shall be marked with a monitoring stake. Bark Mulch meeting the WSDOT Standard Specifications Section 8-02.3(11)C shall be applied at 3-foot diameter rings, 3-inches thick, around all trees and shrubs within the upland riparian plantings zone Bark mulch shall be pulled back 2-inches from the plant/tree base. Monitoring stakes shall be 2-inch square wood stakes three to four feet above grade (buried 18 inches). The top six inches of the monitoring stakes shall be painted and color coded to species, to aid in identification of dead and/or missing species.

(******)

Plant Protectors shall be placed around all tree and shrub species to be planted with the exception of *live stakes*. Plant protectors shall be made of solid flexible plastic and should be held in place with bamboo or wood stakes. Plant protectors shall be installed to a depth of three inches below

the soil surface and extend nine to twelve inches above the surface. Stakes should extend a minimum two inches below and minimum two inches above the plant protector and be placed 2 to 3 inches away from the plant. Plant protectors shall be secured to stakes with a minimum of two zip ties or equivalent.

8-02.4 Measurement

Section 8-02.4 is supplemented with the following:

(******)
"Planting Mitigation Construction"
No specific unit of measure will apply to this lump sum item. Items specified are approximate and are provided for estimating purposes only. The successful Contractor shall provide the Contracting Agency a lump sum breakdown of all items after bid award.

8-02.5 Payment

Section 8-02.5 is supplemented with the following:

(******)
"Planting Mitigation Construction"
The unit contract price per Lump Sum for "Planting Mitigation Construction" shall be full compensation for furnishing and installing all plants, live stakes, monitoring stakes, bark mulch rings, and plant protectors - as described in Special Provision and in accordance with the USACE NWP Permit on the project site and all other applicable requirements and regulations. Material descriptions and construction requirements are as described in this Special Provision. The long term monitoring and maintenance (after one-year plant guarantee period) shall be completed by others.

8-30 STREAMS, RIVERS, AND WATERBODIES

8-30.1 Description

Section 8-30.1 is supplemented with the following:

Streambed Mix
This work consists of furnishing, mixing, and placing aggregates for streambed as shown in the Contract Plans. The aggregates shall be of the type specified and in conformity with the lines and grades and dimensions shown in the Plans or established by the Engineer. Aggregates for streams, rivers, and waterbodies will be classified as follows:

Streambed Sediment
Streambed Cobbles, 6-Inch
Streambed Cobbles, 10-inch
Streambed Boulder, Type One
Streambed Sand

Large Woody Debris
This Work consists of furnishing, installing, and anchoring Large Woody Debris where designated in the Plans.

8-30.2 Materials

Section 8-30.2 is supplemented with the following:

Materials for **Streambed Mix** shall meet the requirements of the following sections:

Streambed Sediment	9-03.11(1)
Streambed Cobbles, 6-In.	9-03.11(2)
Streambed Cobbles, 10-In.	9-03-11(2)
Streambed Boulders, Type One	9-03.11(5)
Sreambed Sand	9-03.11(3)

Streambed Material and Meander Bar Material shall be a mix of the following aggregates with the associated ratios:

Streambed Material

Streambed Sediment:	30%, by volume
Streambed Cobbles, 6 In.:	70%, by volume

Meander Bar Head Material

Streambed Sediment:	30%, by volume
Streambed Cobbles, 10 In.:	50%, by volume
Streambed Boulders, Type One:	20%, by volume

Meander Bar Tail Material

Streambed Sediment:	30%, by volume
Streambed Cobbles, 10 In.:	70%, by volume

Streambed Sand 2-inch per 1-foot lift

After material acceptance by the Engineer, Streambed Sediment and Streambed Cobbles shall be thoroughly blended at the material source or pit site. Streambed Sediment and Streambed Cobbles shall be thoroughly blended before delivery and placement. Acceptance of the final mixture will be based upon visual inspection by the Engineer at the material source or pit site.

Large Woody Debris (LWD)

Large Woody Debris shall consist of log stems with root wads attached as shown in the Plans, having the minimum dimensions shown in the table below. Length from root collar to stem and dimensions shall be as shown in the table below. The Contractor, at their option, may supply longer logs meeting the diameter requirements, at no additional cost to the Contracting Agency, to allow for cut-back. Root wads shall consist of stout root balls with all roots attached (do not trim fine roots) that form a 24-inch minimum (36-inch maximum) rootwad diameter. Large woody debris shall be green (not stockpiled) Douglas fir or Western Red Cedar species that are free soil and rocks, and from rot or decay. Cleaning shall not strip logs of bark and small roots.

Diameter of Log Stem	Minimum Length from Root Collar to Stem
16-inch (±2”)	12 feet

Ballast Boulders

Ballast boulders shall meet the requirements of 9-03.11(5), except the gradation requirement is waived, and boulders may be rounded or sub angular, but not angular. Ballast boulders shall weigh a minimum of 2,200 pounds and a maximum of 2,700 pounds. Contractor shall submit a numbered list of boulder weights prior to connecting boulders to LWD. Provide tickets from quarry for all boulder deliveries verifying weight of load.

All ballast boulders shall be drilled with a hole large enough to accommodate the required chain or wire rope, unless noted otherwise. The hole shall be located such that the mass of rock around the hole will be strong enough to use for lifting.

8-30.3 Construction Requirements

Section 8-30.3 is supplemented with the following:

(******)

Streambed Mix

The Contractor shall create "Streambed Mix" by combining **30-percent Streambed Sediment and 70-percent Streambed Cobbles 6-In.** either on-site or prior to hauling. Place Streambed Mix in the new stream channel as profiled and detailed in the Contract Plans. Streambed Mix shall be placed in 1-foot (maximum) lifts. Approximately 2-inches of Streambed Sand shall be placed on top of each 1-foot lift of Streambed Mix to provide stability to the cobble mix and fill all voids. Streambed Sand shall be thoroughly watered to create a uniform, non-porous Streambed Mix at each 1-foot layer. Applications of water and infilling Streambed Sand shall be repeated until all visible voids are filled and the surface is sealed at each 1-foot layer of Streambed Mix. Each layer shall be visually accepted by the Engineer prior to beginning construction of the successive lift.

Meander Bar Head Mix

The Contractor shall create "Meander Bar Head Mix" by combining **30-percent Streambed Sediment and 50-percent Streambed Cobbles 10-In. and 20-percent Streambed Boulder either on-site or prior to hauling.** Place Meander Bar Head Mix in the new stream channel as profiled and detailed in the Contract Plans. Meander Bar Head Mix shall be placed in 1-foot (maximum) lifts. Approximately 2-inches of Streambed Sand shall be placed on top of each 1-foot lift of **Meander Bar Head Mix** to provide stability to the cobble mix and fill all voids. Streambed Sand shall be thoroughly watered to create a uniform, non-porous Streambed Mix at each 1-foot layer. Applications of water and infilling Streambed Sand shall be repeated until all visible voids are filled and the surface is sealed at each 1-foot layer of Meander Bar Head Mix. Each layer shall be visually accepted by the Engineer prior to beginning construction of the successive lift.

Meander Bar Tail Mix

The Contractor shall create "Meander Place Meander Bar Tail Mix in the new stream channel as profiled and detailed in the Contract Plans. Meander Bar Tail Mix shall be placed in 1-foot (maximum) lifts. Approximately 2-inches of Streambed Sand shall be placed on top of each 1-foot lift of **Meander Bar Head MIx** to provide stability to the cobble mix and fill all voids. Streambed Sand shall be thoroughly watered to create a uniform, non-porous Meander Bar Tail Mix at each 1-foot layer. Applications of water and infilling Streambed Sand shall be repeated until all visible voids are filled and the surface is sealed at each 1-foot layer of Meander Bar Tail Mix. Each layer shall be visually accepted by the Engineer prior to beginning construction of the successive lift.

Streambed Material Preconstruction Conference

A streambed material meeting shall be held at least 5 working days prior to the Contractor beginning streambed construction to discuss the goals and methods of streambed construction, which shall include construction procedures, personnel, and equipment used.

Those attending shall include:

1. Contractor: The superintendent, on site supervisor, foreman, the Environmental Compliance Lead and any other personnel that will have on-site responsibility for Streambed Material and Streambed Boulder placement.
2. Owner: The Assistant County Engineer, Design Engineer, Environmental Planner, Hydraulics Engineer, and key inspection personnel.

Notice of the meeting date shall be given to the Engineer 3 working days prior to this meeting taking place.

Large Woody Debris

This work consists of placing large woody debris at locations depicted in the Contract Plans.

The Contractor shall exercise care when installing Large Woody Debris (LWD) to ensure that the method of installation minimizes disturbance of waterways and prevents sediment or pollutant discharge into water.

The Contractor shall place the LWD within the stream channel and partially bury a portion of the stem into the bank as depicted and detailed on the Contract Plans or as directed by the Engineer. Portions of the stem or rootwads may be trimmed as directed by the Engineer to suit site conditions. Local excavation and grading will be necessary to install the LWD, all earthwork associated with installing and backfilling over the LWD with native material will be incidental to the LWD.

Care should be taken when handling log materials to minimize damage such as abrasion, splitting, crushing and shearing to the tree trunk and root wads where intact and required. The chain's axis shall be perpendicular to the woody debris axis to hold the woody debris down tightly to the underlying material. Local excavation may be required to partially embed logs. Each Stacked Log shall be anchored with one earth anchor located at the center of the LWD. Key Logs shall be anchored with two earth anchors, located 3-feet from each end. Anchoring shall include a complete wrap with the chain around each LWD piece in a notched (1-inch deep) ring and secure with 4-inch staples and two wire rope clips prior to attaching to a shackle at the earth anchor eye. Mechanical earth anchors shall be installed per manufacturer's requirements (depth, location, etc.) to develop pullout strength exceeding 10,000 pounds. Following anchoring, chain shall not have more than a 1-inch gap between the cable and the woody debris when levered with a steel bar. The chain shall be tight between the earth anchor and the woody debris after placement, no slack will be allowed. The Contractor shall load test all earth anchors to 10,0000 pound pull strength. All threaded materials shall be tack welded after installation.

Acceptance of Large Woody Debris will be based upon inspection by the Engineer.

8-30.4 Measurement

Section 8-30.4 is supplemented with the following:

"Large Woody Debris" will be measured per each.

Large Woody Debris shall be measured per each installed regardless of length, diameter, or attached root wad. This includes removing and relocating existing in-stream debris to prepare the site for material placement, excavation, backfilling and compaction native material, supplying and installing logs with root wads, supplying connection hardware, making connections to ballast boulders, and all other work required to complete Large Woody Debris anchoring and installation.

"Ballast Boulders" will be measured per each.

Ballast Boulders shall be measured per each boulder furnished, installed, and accepted.

"Streambed Mix" will be measured per Ton.

The unit contract price per ton for Streambed Mix shall be full pay for furnishing all labor, mixing, haul, tools, materials, water, and equipment required to blend and place material as shown in the Contract Plans. Streambed Mix shall include all water, Meander Bar Head Mix, Meander Bar Tail Mix, and Streambed Material required to reconstruct the stream and depicted in the Contract Plans and described above.

8-30.5 Payment

Section 8-30.5 is supplemented with the following:

(******)

"Ballast Boulders" will be measured per each.
Ballast Boulders shall be measured per each boulder furnished, installed, and accepted.

"Large Woody Debris", per each.
Payment for "Large Woody Debris" per each including logs with root wads attached shall be full pay for supplying the material, labor, tools, and equipment for installed "Large Woody Debris". Chain, earth anchors, 4-inch staples, wire clips, notching logs, partial LWD embedment, and all other work required for installation of "Large Woody Debris" shall be incidental to the "Large Woody Debris" pay item.

"Streambed Mix" per Ton.

8-31 TEMPORARY STREAM DIVERSION

8-31.1 Description

Section 8-31.1. is supplemented with the following:

(******)

All work in and adjacent to the stream shall be accomplished in strict accordance with the requirements of the WDFW HPA permit.

8-31.3 Construction Requirements

8-31.3(1) General

8-31.3(1)A General TSD Requirements

Section 8-31.3(1)A is supplemented with the following:

(******)

The Contractor shall ensure the installation of the TSD shall have minimum interference with the existing streambed, and other facilities surrounding the dewatering site. Disturbance of the bed and banks should be limited to that necessary to place the structure, embankment protection, and any required channel modification associated with the installation. All disturbed areas should be protected from erosion within seven (7) calendar days of completion using vegetation or other means. Isolation of the construction site from stream flow shall be accomplished using techniques such as; by pumping the stream flow around the site, installing a sheetpile or sandbag wall, or using a water-filled cofferdam. Exception may be granted if siltation or turbidity is reduced to acceptable levels by means approved by the Engineer, the Washington Department of Fish and Wildlife (WDFW) and Washington Department of Ecology.

Any wastewater from project activities and dewatering shall be routed to an area outside the ordinary high water line to allow settling of fine sediments and other contaminants prior to being discharged back into the subject stream. Do not permit open-sump pumping that leads to loss

of fines, soil piping, subgrade softening, and slope instability. Dewatering operations shall comply with regulatory water disposal requirements of authorities having jurisdiction.

(October 3, 2022)
Minimum Stream Flows
At all times of operation, the Contractor's temporary stream diversion shall be designed to convey the following minimum flow rates of water in cubic feet per second:

4 cfs

(October 3, 2022)
Minimum Stream Flows (Contingency System)
A Contingency System is required for this Project. The Contractor's contingency system shall be designed to convey the following minimum flow rates of water in cubic feet per second:

20 cfs

8-31.3(2) Temporary Stream Diversion Plan

8-31.3(2)A General Plan Requirements
Replace the first paragraph with the following:

(******)
The Contractor shall submit a TSD in accordance with the requirements of a Type 2E Working Drawing and these Specifications. A separate TSD Plan shall be prepared and submitted for the full project area diversion and any partial length or segmented work diversion areas. The TSD Plan shall consist of a narrative and drawings detailing all TSD requirements and shall encompass and protect all the areas affected by the Contractor's TSD Work.

Please note the TSD should accommodate site conditions. On September, 9, 2026, depth of water up to 5 feet were observed within the project area, likely due to downstream beaver dams.

8-31.3(2)B Plan Requirements
Section 8-31.3(2) B is replaced with the following:

(******)
At a minimum, the TSD shall provide the following information in the following order:

1. Description and Location of the TSD
    a. Identify the name of the water body where the TSD will be placed. Provide description of the TSD.

    b. Provide drawings showing each of the locations of the TSD components, including proposed access routes and equipment to be used to construct the diversion.

2. Schedule and Sequence

    a. Provide a sequence of Work, dates, and durations for when the following will occur, in accordance with the in-water work window in the Special Provisions:

        i. TSD Plan Implementation Meeting

        ii. Fish Block Net Installation and Fish exclusion (performed by Contractor)

iii. TSD Installation

iv. Dewatering of the isolated Work Area

v. Restoration and stabilization of the TSD Work area to prevent erosion.

vi. Any relocations of the TSD to accommodate the Work sequence (if needed).

vii. Channel re-watering

viii. Removal of the TSD

ix. Fish block removal (performed by Contractor)

b. Include other Work that needs to be coordinated with the TSD (e.g., temporary erosion control).

3. Calculations and Materials

a. Detail all elements of the TSD; including but not limited to pipes, pumps, screen intake elements, and other equipment and materials.

b. Calculations shall demonstrate the diversion system conveys the minimum peak flow specified by the Contracting Agency.

c. TSD shall include a water conveyance system to be used for dewatering and re-watering that is capable of conveying the flow required for the TSD.

d. Methods of anchoring TSD pipe and associated hardware; include calculations to demonstrate the devices ability to anchor the pipe and associated hardware.

e. Specifications for all materials and equipment to be used as part of the diversion including pump or diversion capacities and hose sizes. For example, provide the type, profile and size of pipe.

f. Provide the size of fish screens (mesh size and surface area) to be used, in accordance with Section 8-31.3(5) of these Special Provisions.

g. Detail where sandbags will be used for temporary stream diversion. Sandbags shall comply with the requirements of the HPA and be filled using clean pea gravel. Clean pea gravel is pea gravel that does not cause an exceedance of the allowable turbidity in the stream or waterbody.

4. Stream Flow Blocking and Dewatering

a. Provide the method(s), including locations and details (narrative and drawings) for blocking both the upstream and downstream ends of the diversion. Describe how minor leakage from upstream and downstream will be addressed.

b. Include provisions for scour protection at the TSD outfalls.

c. Identify the means and methods for dewatering water and disposal of the water.

5. Contingency Plan

    a. The Contractor shall include the details of the system in the TSD Plan sections that are applicable.

    b. Describe the Work that will be implemented to prevent the work area from becoming inundated.

    c. Provide the type and size of materials that will be used in the event of the Work area becoming inundated, including fish exclusion coordination with Contracting Agency if the block nets are compromised.

    d. Describe how the contingency equipment and materials will be stored, inspected and maintained so they are ready for use if required.

    e. Describe how the contingency system will be deployed and operational within 2 hours.

6. Inspection and Maintenance

    a. Provide the schedule and frequency for inspection of the TSD including the emergency contact information for the individuals inspecting and/or repairing, include weekends and holidays.

    b. Describe how maintenance and Contracting Agency notification will be conducted when inspections identify deficiencies in the TSD. These include, but are not limited to, removal and disposal of trapped sediment or debris and repairing leaks.

    c. The Contractor shall keep a record of all inspections and maintenance of the TSD and shall provide the records to the Engineer when requested.

    d. The Contractor shall notify the Engineer within 12 hours of an emergency repair.

7. Rewatering the Stream Channel

    a. Detail how the stream channel will be rewatered to comply with water quality requirements.

    b. Identify measures that will prevent the stranding of fish during rewatering (i.e. describe methods, rates, and durations of the rewatering process knowing that flows downstream of the fish block must be maintained to protect fish).

8. Removal of TSD

    a. Describe the sequence that will be used for removing the TSD and methods to prevent water quality impacts.

    b. Describe how disturbed soil will be permanently stabilized.

    c. Describe any temporary pipes to remain (requires approval of the Engineer): their type, pipe class, size, location, and plugging procedures.

9. Other Work required for the Contractor's TSD.

8-31.3(3) Fish Block Net Installation and Fish and Aquatic Species Exclusion

Section 8-31.3(3) is replaced with the following:

(******)

Prior to installing a TSD, the Contractor shall notify the Contracting Agency 7 calendar days before beginning of fish exclusion. Fish exclusion and rescue shall not occur outside of the in-water work window defined in these Special Provisions. Fish exclusion and rescue shall be conducted within the zone of isolation. All fish shall be transferred downstream of the project site, using Washington State Department of Transportation (WSDOT) fish exclusion protocols, installing fish block nets upstream and downstream of the in-water Work area and safely capturing and relocating any fish and other aquatic organisms that become trapped between the block nets. Fish shall be removed from the project area using a seine net, dip net and five gallon buckets. No Work within the limits of the Ordinary High Water Line will be allowed prior to installation of fish block nets and completion of fish exclusion activities. When fish rescue is completed the site may be dewatered.

8-31.3(3)A Fish Exclusion Assistance

Section 8-31.3(3)A is replaced with the following:

(******)

The Contracting Agency shall be present during fish exclusion and may assist the Contractor with fish and aquatic species exclusion. Contractor shall perform fish exclusion under the direct supervision of a contractor provided directing biologist meeting the training requirements outlined in WSDOT's fish exclusion -protocol and standards.

8-31.3(3)B Contractor Provided Materials

Section 8-31.3(3)B is replaced with the following:

(******)

The Contractor shall provide and install fish exclusion materials as listed in the HPA and these Special Provision or Plans.

8-31.3(5) Inspection and Maintenance

Section 8-31.3(5) is replaced with the following:

(******)

At a minimum, the Contractor shall perform the following activities once per day (including weekends and holidays):

1. Check for and correct leaks;

2. Ensure the fish block nets remain sealed to the channel substrate.

3. Check inlet for proper function.

The fish block nets shall be kept clear of debris that could jeopardize the integrity of the nets. The Contractor shall perform the following activities a minimum of three times per day or when

requested by the Engineer. On working days, these activities shall be performed at the start, middle, and at the end of the working day. On non-working days, these activities shall be performed between 6:00 am and 8:00 am, between 11:00 am and 1:00 pm, and between 4:00 pm and 6:00 pm:

1. Inspect the upstream and downstream fish block nets and remove debris;

2. Inspect the upstream fish block net and all screens and similar facilities for impinged fish:

   a. The Contractor shall immediately notify the Contracting Agency when impinged fish are discovered.

   b. The Contractor shall remove the impinged fish after notifying and consulting with the Contracting Agency.

The Contractor shall maintain a written record of all inspection and maintenance activities; record to be available at the request of the Engineer. The Contractor shall provide block net maintenance throughout required use.

8-31.3(6) Re-water the Stream Channel
Replace the last paragraph with the following:

(******)
The Contractor shall immediately take all corrective actions necessary to prevent the water from exceeding the turbidity standards should the stream turbidity increase. All Work within the channel, except for removal of the temporary erosion control items, shall be completed before the temporary stream diversion is removed. The Contractor must finish all construction activities within the limits of the Ordinary High-Water Line, including but not limited to creek bed channel restoration, before the Contractor can remove the fish block nets.

8-31.3(7) Removal of Fish Block Nets
Section 8-31.3(7) is replaced with the following:

(******)
The Contractor shall notify the Engineer two business days in advance of beginning the TSD removal sequence.

8-31.3(7)A Contractor Provided Labor
Section 8-31.3(7)A is replaced with the following:

(******)
The Contractor shall provide, install, maintain, and remove the fish block nets.

DIVISION 9
MATERIALS

9-03 AGGREGATES

(January 5, 2004)-

9-03.8(2) HMA Test Requirements
Section 9-03.8(2) is supplemented with the following:

ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be *** 1.0 *** million.

9-03.8(7) HMA Tolerances and Adjustments

(******)

Delete item 1 and replace it with the following:

1. **Job Mix Formula Tolerances**. After the JMF is determined as required in 5-04.3(7)A, the constituents of the mixture at the time of acceptance shall conform to the following tolerances:

	Nonstatistical Evaluation	**Commercial Evaluation**
Aggregate, percent passing		
1", ¾", ½", and 3/8" sieves	±6%	±8%
U.S. No. 4 sieve	±6%	±8%
U.S. No. 8 sieve	±4%	±8%
U.S. No. 16 sieve	±4%	±8%
U.S. No. 30 sieve	±4%	±8%
U.S. No. 50 sieve	±4%	±8%
U.S. No. 100 sieve	±4%	±8%
U.S. No. 200 sieve	±2.0%	±3.0%
Asphalt Binder	±0.5%	±0.7%
VMA	1.5% below minimum value in 9-03.8(2)	
VFA	min. and max. as listed in 9-03.8(2)	
Va	2.5% minimum and 5.5% maximum	

These tolerance limits constitute the allowable limits as described in Section 1-06.2. The tolerance limit for aggregate shall not exceed the limits of the control points section, except the tolerance limits for sieves designated as 100% passing will be 99-100.

POWER EQUIPMENT

(******)

The successful bidder will be required to furnish the County a list of all equipment that they anticipate utilizing on this project.

The bidder's attention is directed to the attached Power Equipment Form, which the successful bidder will be required to complete and return with the contract documents. This information will enable hourly rental rates to be computed by the County, utilizing the "Rental Rate Blue Book for Construction Equipment". No payment for any force account work will be allowed until this form has been returned and accepted by the County.

APPENDICES

(July 12, 1999)

The following appendices are attached and made a part of this contract:

****** APPENDIX A:
Geotechnical Report

APPENDIX B:
Washington State Prevailing Wage Rates
Wage Rate Supplement
Wage Rate Benefit Code Key
Federal Wage Rates

APPENDIX C:
Federal Contract Provisions

APPENDIX D:
Bid Proposal Documents

APPENDIX E:
Contract Documents

APPENDIX F:
Permit Documents

APPENDIX G:
Contract Plans ******

(OCTOBER 5, 2026)
STANDARD PLANS

The Washington State Department of Transportation *Standard Plans* M21-01, published October 2026, is made a part of this Contract with the following revisions:

A-10.30
RISER RING detail (Including SECTION view and RISER RING DIMENSIONS table): The RISER RING detail is deleted from the plan.

INSTALLATION detail, SECTION A: The “1/4”” callout is revised to read “+/- 1/4" (SEE CONTRACT ~ Note: The + 1/4" installation is shown in the Section A view)”

B-90.40
Valve Detail – DELETED

C-60.15
Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.30
Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.40
Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.45
Sheet 2, Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.50
Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.60
Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

C-60.80

Connecting Pin Assembly Detail, note; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329” is revised to read; “HOT DIP GALVANIZE AFTER FABRICATION PER ASTM A123 or AASHTO M111.”

D-3.09
Sheet 1, GEOSYNTHETIC WALL WITH 2 FT TRAFFIC SURCHARGE detail, callout – “BARRIER ON WALL ~ SEE Standard Plan D-3.15 or D-3.16” is revised to read: “BARRIER ON WALL ~ SEE CONTRACT PLANS”

D-3.10
Sheet 1, Typical Section, callout – “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.15” is revised to read; ”FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER, SEE CONTRACT PLANS”
Sheet 1, Typical Section, callout – “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.16” is revised to read; ”FOR WALLS WITH F-SHAPE TRAFFIC BARRIER, SEE CONTRACT PLANS”

D-3.11
Sheet 1, Typical Section, callout – “”B” BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; ”B” BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)
Sheet 1, Typical Section, callout – “TYPICAL BARRIER ON BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “TYPICAL BARRIER ON BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

D-10.10
Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 1 and 1SW”.

D-10.15
Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 2 and 2SW”.

D-10.30
Wall Type 5 may be used in all cases.

D-10.35
Wall Type 6 may be used in all cases.

D-10.40
Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 7”.

D-10.45

Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 8”.

F-10.18
Note 1; “Construct curb joints at cement concrete pavement transverse joint locations. If all adjacent pavement is HMA, see Standard Plan F-30.10 for Curb Expansion and Contraction Joint Spacing.” is revised to read – “See Standard Plan F-30.10 and Standard Specification Section 8-04.3 for Curb Expansion and Contraction Joint details and spacing.”
CURB 3 Detail, the diamond note 1 callout on the 6” dimension at the bottom left side of the detail, is revised to be a diamond note 2 callout.

J-5.50
General Note 4 reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”
General Note 5 reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-10.16
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.17
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.18
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-15.15
The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-20.01
STANDARD DIMENSIONS AND REFERENCES table, TYPE FB, Standard Height column – “15’-0” ”is revised to read; “14’-0” ”

J-20.16
View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE

J-21.10
Sheet 1, Anchor Bolt Template, callout; “9” (IN) BOLT CIRCLE” is revised to read: “9” (IN) DIA.BOLT CIRCLE”
Base Plate Detail, callout; “3/4” (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/6” (IN)” IS REVISED TO READ; “3/4” (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/16” (IN)”
Flat Foundation Detail – Elevation, callout; “ANCHOR BOLTS ~ ¾” (IN) x 30” (IN) FULL THREAD ~ THREE REQ’D. PER ASSEMBLY” is revised to read; “ANCHOR BOLTS ~ ¾” (IN) x 30” (IN) FULL THREAD ~ FOUR REQ’D. PER ASSEMBLY”
Flat Foundation Detail – Elevation, dimension; 4’ – 0” is revised to read; “4’ – 0” ROUND OR 3’ – 0” SQUARE”

J-21.15

Partial View, callout, was – LOCK NIPPLE ~ 1 ½" DIAM., is revised to read; CHASE NIPPLE ~ 1 ½" (IN) DIAM.

J-21.16
On both elevation views, the overall standard height dimension "15'-0" " is revised to read; "14'-0" "

J-26.10
The reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-27.10
The reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-29.10
The reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-40.10
Sheet 2 of 2, Detail F, callout, "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT WASHER" is revised to read; "12 – 13 x 1 ½" S.S. PENTA HEAD BOLT AND 1/2" (IN) S. S. FLAT WASHER"

J-40.36
Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-40.37
Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-50.15
Sheet 1, SECTION A, the call out "LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 3 PAIRS" is revised to read "LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 6 PAIRS"
General Note 1 reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-75.20
Key Notes, note 16, second bullet point, was: "1/2" (IN) x 0.45" (IN) Stainless Steel Bands", add the following to the end of the note: "Alternate: Stainless steel cable with stainless steel ends, nuts, bolts, and washers may be used in place of stainless steel bands and associated hardware."

J-75.55
Notes, Note A1, Revise reference, was – G-90.29, should be – G-90.20.

M-20.30
Wide Dotted Lane Line Detail, reference below title, (SEE NOTE 6) is revised to read: (SEE NOTE 5)

M-40.10

Guide Post Type ~ Reflective Sheeting Applications Table, remove reference - "(SEE NOTE 5)"

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00 ..... 8/7/07
A-10.20-00 ..... 10/5/07
A-10.30-00 ..... 10/5/07
A-20.10-00 ..... 8/31/07
A-30.10-00 ..... 11/8/07
A-30.30-01 ..... 6/16/11
A-30.35-00 ..... 10/12/07
A-40.00-01 ..... 7/6/22
A-40.10-04 ..... 7/31/19
A-40.15-00 ..... 8/11/09
A-40.20-05 ..... 8/24/26
A-40.50-04 ..... 8/27/26
A-50.10-02 ..... 7/18/24
A-50.40-02 ..... 8/5/26
A-60.10-03 ..... 12/23/14
A-60.20-03 ..... 12/23/14
A-60.30-01 ..... 6/28/18
A-60.40-01 ..... 8/24/26

B-5.20-03 ..... 9/9/20
B-5.40-02 ..... 1/26/17
B-5.60-02 ..... 1/26/17
B-10.20-04 ..... 8/24/26
B-10.40-02 ..... 8/17/21
B-10.70-03 ..... 8/23/23
B-15.20-02 ..... 8/24/26
B-15.40-02 ..... 8/24/26
B-15.60-03 ..... 8/24/26
B-20.20-02 ..... 3/16/12
B-20.40-04 ..... 2/27/18
B-20.60-03 ..... 3/15/12
B-25.20-02 ..... 2/27/18
B-25.60-03 ..... 8/23/23
B-30.05-00 ..... 9/9/20
B-30.10-03 ..... 2/27/18
B-30.15-00 ..... 2/27/18
B-30.20-04 ..... 2/27/18
B-30.30-03 ..... 2/27/18
B-30.50-03 ..... 2/27/18
B-30.60-00 ..... 9/9/20
B-30.40-03 ..... 2/27/18
B-30.70-04 ..... 2/27/18
B-30.80-01 ..... 2/27/18
B-30.90-03 ..... 8/24/26
B-35.20-00 ..... 6/8/06
B-35.40-01 ..... 8/23/23
B-40.20-00 ..... 6/1/06
B-40.40-02 ..... 1/26/17
B-45.20-01 ..... 7/11/17
B-45.40-01 ..... 7/21/17
B-50.20-00 ..... 6/1/06
B-55.20-04 ..... 8/24/26
B-60.20-02 ..... 9/9/20
B-60.40-01 ..... 2/27/18
B-65.20-01 ..... 4/26/12
B-65.40-00 ..... 6/1/06
B-70.20-01 ..... 3/15/22
B-75.20-03 ..... 8/17/21
B-75.50-02 ..... 3/15/22
B-70.60-01 ..... 1/26/17
B-75.60-00 ..... 6/8/06
B-80.20-00 ..... 6/8/06
B-80.40-00 ..... 6/1/06
B-85.10-01 ..... 6/10/08
B-85.20-00 ..... 6/1/06
B-85.30-00 ..... 6/1/06
B-85.40-00 ..... 6/8/06
B-85.50-01 ..... 6/10/08
B-90.10-00 ..... 6/8/06
B-90.20-00 ..... 6/8/06
B-90.30-00 ..... 6/8/06
B-90.40-01 ..... 1/26/17
B-90.50-00 ..... 6/8/06
B-95.20-02 ..... 8/17/21
B-95.40-01 ..... 6/28/18

C-1 ..... 9/8/22
C-1b 8/13/26
C-1d 8/6/26
C-6a 9/8/22
C-7 ..... 9/8/22
C-7a 8/13/26
C-20.10-10 ..... 8/14/26
C-20.11-00 ..... 8/21/26
C-20.12-00 ..... 9/4/26
C-20.14-05 ..... 9/8/22
C-20.15-04 ..... 8/10/26
C-20.18-05 ..... 8/10/26
C-20.55-01 ..... 8/10/26
C-22.16-09 ..... 8/10/26
C-22.40-12 ..... 8/10/26
C-22.45-07 ..... 7/21/24
C-23.70-02 ..... 8/12/26
C.24.10-05 ..... 7/21/24
C-24.15-01 ..... 8/6/26
C-25.20-08 ..... 8/31/26
C-25.22-07 ..... 9/2/26
C-25.26-06 ..... 9/2/26
C-25.30-02 ..... 9/2/26
C-25.32-01 ..... 8/12/26
C-60.60-01 ..... 7/21/24
C-60.70-02 ..... 8/12/26
C-60.80-02 ..... 7/21/24
C-70.10-05 ..... 8/12/26
C-70.15-02 ..... 8/13/26
C-75.10-02 ..... 9/16/20
C-75.20-04 ..... 9/3/26
C-75.30-03 ..... 8/20/21
C-80.10-04 ..... 8/13/26
C-80.20-01 ..... 6/11/14
C-80.30-02 ..... 8/20/21
C-80.40-01 ..... 6/11/14

C-20.19-00……8/21/26
C-20.40-11..... 9/1/26
C-20.41-06..... 9/1/26
C-20.43-02..... 8/31/26
C-20.44-01..... 8/10/26
C-20.45-04..... 8/21/26

D-2.36-03..... 6/11/14
D-2.46-02..... 8/13/21
D-2.84-00..... 11/10/05
D-2.92-01..... 4/26/22
D-3.09-00..... 5/17/12
D-3.10-01..... 5/29/13

E-1 ..... 2/21/07
E-2 ..... 5/29/98

F-10.12-04 ..... 9/24/20
F-10.16-00 ..... 12/20/06
F-10.18-04 ..... 6/28/24
F-10.40-05 ..... 8/31/26
F-10.42-00 ..... 1/23/07

G-10.10-00..... 9/20/07
G-20.10-04..... 8/24/26
G-22.10-04..... 6/28/18
G-24.10-00..... 11/8/07
G-24.20-01..... 2/7/12
G-24.30-02..... 6/28/18
G-24.40-08..... 8/24/26

H-10.10-01..... 6/2/24
H-10.11-00..... 6/2/24
H-10.15-01..... 6/2/24
H-10.16-00..... 6/2/24

I-10.10-02 ..... 5/5/26
I-30.10-03 ..... 5/5/26
I-30.15-03 ..... 5/5/26
I-30.16-02 ..... 5/5/26
I-30.17-02 ..... 5/5/26

J-05.50-00..... 8/30/22
J-10..... 7/18/97
J-10.05-00…….8/24/26
J-10.10-05..... 8/24/26
J-10.12-00..... 9/16/20
J-10.14-00..... 9/16/20

C-60.15-01 .....7/21/24
C-60.20-02 .....8/13/26
C-60.30-02 .....7/21/24
C-60.40-01 .....7/21/24
C-60.45-01 .....7/21/24
C-60.50-01 .....7/21/24

D-3.11-03 .....6/11/14
D-4 .....12/11/98
D-6 .....6/19/98
D-10.10-01 .....12/2/08
D-10.15-01 .....12/2/08
D-10.20-01 .....8/7/19

E-4.....8/27/03
E-4a.....8/27/03

F-10.62-02.....4/22/14
F-10.64-03.....4/22/14
F-30.10-05.....8/31/26
F-40.12-04.....8/31/26
F-40.14-04.....8/31/26

G-24.50-06 .....8/24/26
G-24.60-05 .....6/28/18
G-25.10-05 .....9/16/20
G-26.10-00 .....7/31/19
G-30.10-04 .....6/23/15
G-50.10-03 .....6/28/18

H-30.10-00 .....10/12/07
H-32.10-00 .....9/20/07
H-60.10-01 .....7/3/08
H-60.20-01 .....7/3/08

I-30.20-01.....5/5/26
I-30.30-03.....5/5/26
I-30.40-03.....5/21/26
I-30.60-03.....5/21/26
I-40.10-01.....5/5/26

J-26.10-03 .....7/21/16
J-26.15-01 .....5/17/12
J-26.20-01 .....6/28/18
J-27.10-01 .....7/21/16
J-27.15-00 .....3/15/12
J-28.01-00 .....8/30/22

C-85.10-00 .....4/8/12
C-85.11-02 .....8/13/26
C-85.15-03 ..... 10/17/23
C-85-18-03.....9/8/22
C-81.10-01 .....8/10/26
C-81.15-01 .....8/10/26

D-10.25-01 .....8/7/19
D-10.30-00 .....7/8/08
D-10.35-00 .....7/8/08
D-10.40-01 .....12/2/08
D-10.45-01 .....12/2/08
D-20.10-01 .....8/24/26

E-20.10-01 .....8/24/26
E-20.20-01 .....8/24/26

F-40.15-05.....8/31/26
F-40.16-04.....8/31/26
F-45.10-06.....8/31/26
F-45.15-00…….8/12/26
F-80.10-05.....8/31/26

G-90.10-03 .....7/11/17
G-90.20-05 .....7/11/17
G-90.30-04 .....7/11/17
G-95.10-02 .....6/28/18
G-95.20-03 .....6/28/18
G-95.30-03 .....6/28/18

H-70.10-02 .....8/17/21
H-70.20-02 .....8/17/21

I-40.20-01.....5/5/26
I-50.20-03.....5/21/26
I-60.10-02.....5/4/26
I-60.20-02.....5/4/26
I-80.10-03.....5/4/26

J-50.05-00 .....7/21/17
J-50.10-01 .....7/31/19
J-50.11-02 .....7/31/19
J-50.12-02 .....8/7/19
J-50.13-01 .....8/30/22
J-50.15-01 .....7/21/17

J-10.15-01..... 6/11/14
J-10.16-02..... 8/18/21
J-10.17-02..... 8/18/21
J-10.18-02..... 8/18/21
J-10.20-04..... 8/18/21
J-10.21-02..... 8/18/21
J-10.22-03..... 10/4/23
J-10.25-01..... 6/21/24
J-10.26-00..... .8/30/22
J-12.15-00..... 6/28/18
J-12.16-00..... 6/28/18
J-15.10-01..... 6/11/14
J-15.15-02..... 7/10/15
J-20.01-01..... .6/21/24
J-20.05-00..... 6/21/24
J-20.10-05..... 10/4/23
J-20.11-03..... 7/31/19
J-20.15-04..... 6/21/24
J-20.16-02..... 6/30/14
J-20.20-02..... 5/20/13
J-21.10-05..... 6/21/24
J-21.14-00…….8/24/26
J-21.15-01..... 6/10/13
J-21.16-02..... 6/21/24
J-21.17-01..... 6/10/13
J-21.20-01..... 6/10/13
J-22.15-03..... 6/21/24
J-22.16-03..... 7/10/15
J-22.17-00..... 6/21/24

J-28.10-02 .....8/7/19
J-28.22-00 .....8/07/07
J-28.24-02 .....9/16/20
J-28.26-01 .....12/02/08
J-28.30-05 .....8/21/26
J-28.40-02 .....6/11/14
J-28.42-01 .....6/11/14
J-28.43-01 .....6/28/18
J-28.45-03 .....7/21/16
J-28.50-03 .....7/21/16
J-28.60-03 .....8/27/21
J-28.70-04 .....8/30/22
J-29.10-02 .....8/26/22
J-29.15-01 .....7/21/16
J-29.16-02 .....7/21/16
J-30.10-01 .....8/26/22
J-40.01-00 .....8/30/22
J-40.05-00 .....7/21/16
J-40.10-04 .....4/28/16
J-40.20-03 .....4/28/16
J-40.30-04 .....4/28/16
J-40.35-01 .....5/29/13
J-40.36-02 .....7/21/17
J-40.37-02 .....7/21/17
J-40.38-01 .....5/20/13
J-40.39-00 .....5/20/13
J-40.40-02 .....7/31/19
J-45.36-00 .....7/21/17

J-50.16-01 .....3/22/13
J-50.18-00 .....8/7/19
J-50.19-00 .....8/7/19
J-50.20-00 .....6/3/11
J-50.25-00 .....6/3/11
J-50.30-00 .....6/3/11
J-60.05-01 .....7/21/16
J-60.11-00 .....5/20/13
J-60.12-00 .....5/20/13
J-60.13-00 .....6/16/10
J-60.14-01 .....7/31/19
J-75.10-02 .....7/10/15
J-75.20-01 .....7/10/15
J-75.30-02 .....7/10/15
J-75.50-00 .....8/30/22
J-75.55-00 .....8/30/22
J-80.05-00 .....8/30/22
J-80.10-01 .....8/18/21
J-80.12-00 .....8/18/21
J-80.15-00 .....6/28/18
J-81.10-02 .....8/18/21
J-81.12-00 .....9/3/21
J-84.05-00 .....8/30/22
J-86.10-00 .....6/28/18
J-90.10-03 .....6/28/18
J-90.20-03 .....6/28/18
J-90.21-02 .....6/28/18
J-90.50-00 .....6/28/18

K-70.20-01 ..... 6/1/16
K-80.10-02..... 9/25/20

K-80.32-01.....9/3/26
K-80.34-00.....8/17/21

K-80.35-01 .....9/16/20
K-80.37-01 .....9/16/20

L-5.10-03 ..... 8/5/26
L-5.15-00 ..... 9/19/22
L-10.10-03 ..... 6/2/26

L-20.10-04.....7/20/26
L-30.10-03.....7/20/26
L-40.15-02.....7/20/26

L-40.20-03.....7/20/26
L-70.10-02.....7/20/26
L-70.20-02.....7/20/26

M-1.20-04 ..... 9/25/20
M-1.40-03 ..... 9/25/20
M-1.60-03 ..... 9/25/20
M-1.80-03 ..... 6/3/11
M-2.20-03 ..... 7/10/15
M-2.21-00 ..... 7/10/15
M-3.10-04 ..... 9/25/20
M-3.20-04 ..... 8/2/22
M-3.30-04 ..... 9/25/20
M-3.40-04 ..... 9/25/20
M-3.50-03 ..... 9/25/20
M-5.10-03 ..... 9/25/20

M-9.60-00.....2/10/09
M-11.10-05.....4/28/26
M-12.10-04.....6/28/24
M-15.10-02.....7/17/23
M-17.10-02.....7/3/08
M-20.10-04.....8/2/22
M-20.20-02.....4/20/15
M-20.30-05.....6/28/24
M-20.40-03.....6/24/14
M-20.50-02.....6/3/11
M-24.20-02.....4/20/15
M-24.40-02.....4/20/15

M-24.66-00.....7/11/17
M-40.10-04..... 10/17/23
M-40.20-00..... 10/12/07
M-40.30-01.....7/11/17
M-40.40-00.....9/20/07
M-40.50-00.....9/20/07
M-40.60-00.....9/20/07
M-60.10-01.....6/3/11
M-60.20-03.....8/17/21
M-65.10-03.....8/17/21
M-80.10-01.....6/3/11
M-80.20-00.....6/10/08

M-7.50-01 ..... 1/30/07 M-24.60-04.....6/24/14 M-80.30-00.....6/10/08
M-9.50-02 ..... 6/24/14 M-24.65-00.....7/11/17

A-50.40
Sheet 1, Plan View: The callout "BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 21 OR TYPE 24 (SEE STANDARD PLAN C-25.20 OR C-25.30)" is revised to read "BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 21, 24, OR 25 (SEE STANDARD PLAN C-25.20, C-25.30, OR C-25.32)"

A-60.40
Note 2 reference to "6-09.3(6)" is revised to read "6-21.3(7)".

B-55.20
General Note 3 reference to "2-09.4" is revised to read "3-07.4".

B-90.40
Valve Detail – DELETED

C-20.41
Note 4, First Sentence, "Box Culvert guardrail steel posts are not needed for fill depths greater than 40 inches." is revised to read; "Box culvert guardrail steel posts are not needed for fill depths greater than 46 inches. Provide 6-inches or greater of separation between the bottom of the guardrail post and top of the culvert"
BOX CULVERT POST ASSEMBLY, ELEVATION VIEW, post assembly length dimension "41" MIN. 72" MAX." is revised to read; "41" MIN. 78" MAX."
SECTION A, base material depth dimension - "9" MIN. 40" MAX. (SEE NOTE 4)" is revised to read: "9" MIN. 46" MAX. (SEE NOTE 4)"

C20-43
Note 4, First Sentence: "Box culvert guardrail steel posts are not needed for fill depths greater than 40 inches." is revised to read: "Box culvert guardrail steel posts are not needed for fill depths greater than 46 inches. Provide 6-inches or greater separation between the bottom of guardrail post and top of culvert."
BOX CULVERT POST & BASE PLATE ASSEMBLY, ELEVATION VIEW, post assembly length dimension – "41" MIN. 72" MAX." is revised to read: "41" MIN. 78" MAX."
SECTION A, base material depth dimension - "9" MIN. 40" MAX. (SEE NOTE 4)" is revised to read: "9" MIN. 46" MAX. (SEE NOTE 4)"

C-23.70
Sheet 2, ANCHOR BRACKET ASSEMBLY DETAIL, dimension, "R. 5/16" is revised to read; R. 15/16"
ANCHOR PLATE DETAIL, weld callout (fillet), 1/4" is revised to read; 3/16"

C-60.20
Sheet 1, Plan view, callout – "1/2" (IN) DIAMETER X 6 1/2" (IN) LONG ANCHOR BOLT ~ PER STD. SPEC. SECT. 9-06.5(4) (TYPICAL) (SEE NOTE 7)" is revised to read: "5/8" DIAMETER x 6 1/2" (IN) LONG ANCHOR BOLT ~ PER STD. SPEC. SECT. 9-06.5(4) (TYPICAL) (SEE NOTE 7)"

C-70.15

BARRIER CONNECTION DETAIL, callout – "CENTER GRID IN CONNECTION BLOCKOUT AND FILL VOID WITH TYPE 3 GROUT (STD. SPECIFICATION SECTION 9-20.3(3) PLACED IN ACCORDANCE WITH STD. SPECIFICATION SECTION 6-20.3(20)" is revised to read "CENTER GRID IN CONNECTION BLOCKOUT AND FILL VOID WITH GROUT TYPE 3 (STD. SPECIFICATION SECTION 9-20.3(3) PLACED IN ACCORDANCE WITH STD. SPECIFICATION SECTION 6-02.3(20)"

C81.10

Sheet 1, TYPICAL SECTION – TRAFFIC BARRIER the R4 #6 bar on the traffic face may be placed 4" down from the top of the barrier to allow additional room to install BP railing or other attachments. The R4 bar shall be kept tight to the front R2 bar.

Sheet 4, the existing table "IMPACT SHEAR AND IMPACT MOMENT TABLE" is renamed to "IMPACT SHEAR AND MOMENT TABLE DECK OVERHANG AND CONNECTIONS" keynote 25 is still applicable.

Sheet 4, NOTES, the following Note is added: "3. Deck overhangs for this use constitute plain reinforced concrete typically around 8" in thickness, non-prestressed moment slabs or approach slabs, or plain reinforced and longitudinally prestressed box girders which employ a topping slab. Other Supporting Structure Systems inclusive of post-tensioned decks, walls, and or Structure segments tied together without a topping slab, with the ties in the barrier resistance load path, shall use the impact shear and moments for other supporting structures."

Sheet 4, the following table is added with a keynote 25.

IMPACT SHEAR AND MOMENT TABLE OTHER SUPPORTING STRUCTURES										
	Interior Segment					End Segment				
Roadway and Fill Height at Curb Line (in)	0	6	12	18	24	0	6	12	18	24
End Segment Length (ft)	-	-	-	-	-	10.00	10.50	11.25	11.75	12.50
Impact Moment (kip*ft/ft)	19.86	24.12	28.55	33.16	37.97	20.80	25.17	29.65	34.27	39.04
Impact Shear (kip/ft)	7.89	8.04	8.23	8.44	8.68	8.27	8.39	8.54	8.72	8.92

C-81.15

Sheet 1, General Notes, Add Note 7, to read;"7. The concrete class for the moment slab shall be class 4000 typically and class 4000A when the top of the slab is used as the roadway, or sidewalk, surface. The concrete class for the barrier is defined in Standard Specification Section 6-10.3."

C-85.11

On Section B, the callout "3" EXPANDED POLYSTYRENE AROUND COLUMN (TYP.)" is revised to read "3" EXPANDED POLYSTYRENE OR POLYETHYLENE FOAM AROUND COLUMN (TYP.)"

D-3.09

Sheet 1, GEOSYNTHETIC WALL WITH 2 FT TRAFFIC SURCHARGE detail, callout – "BARRIER ON WALL ~ SEE Standard Plan D-3.15 or D-3.16" is revised to read: "BARRIER ON WALL ~ SEE CONTRACT PLANS"

D-3.10

Sheet 1, Typical Section, callout – “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.15” is revised to read; ”FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER, SEE CONTRACT PLANS”
Sheet 1, Typical Section, callout – “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.16” is revised to read; ”FOR WALLS WITH F-SHAPE TRAFFIC BARRIER, SEE CONTRACT PLANS”

D-3.11
Sheet 1, Typical Section, callout – “”B” BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; ”B” BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)
Sheet 1, Typical Section, callout – “TYPICAL BARRIER ON BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “TYPICAL BARRIER ON BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

D-10.10
Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 1 and 1SW”.

D-10.15
Note 7, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 2 and 2SW”.

D-10.30
Wall Type 5 may be used in all cases.

D-10.35
Wall Type 6 may be used in all cases.

D-10.40
Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 7”.

D-10.45
Note 5, “If Traffic Barriers are required, See Standard Plans D-15.10, D-15.20 and D-15.30” is revised to read “Traffic Barriers shall not be structurally connected to the Reinforced Concrete Retaining Wall Type 8”.

E-20.10
On Sheet 2, the reference to “2-09.4” is revised to read “3-07.4”.

F-10.18
Note 1; “Construct curb joints at cement concrete pavement transverse joint locations. If all adjacent pavement is HMA, see Standard Plan F-30.10 for Curb Expansion and Contraction

Joint Spacing." is revised to read – "See Standard Plan F-30.10 and Standard Specification Section 8-04.3 for Curb Expansion and Contraction Joint details and spacing."
CURB 3 Detail, the diamond note 1 callout on the 6" dimension at the bottom left side of the detail, is revised to be a diamond note 2 callout.

F-30.10
All five instances of the "2.0% MAX." are replaced with "2.1% MAX."

F-40.12
The one instance of "2.0% MAX." is replaced with "2.1% MAX."
Note 7 is replaced with the following:
7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement. When a ramp is constructed on a radius, the Curb Ramp length is measured on the inside radius along the back of the walkway.
Section B is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"
Section C is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"

F-40.14
The one instance of "2.0% MAX." is replaced with "2.1% MAX."
Note 7 is replaced with the following:
7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement. When a ramp is constructed on a radius, the Curb Ramp length is measured on the inside radius along the back of the walkway.
Section A is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"
Section C is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"

F-40.15
The one instance of "2.0% MAX." is replaced with "2.1% MAX."
Note 7 is replaced with the following:
7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.
Section A is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"

F-40.16
The one instance of "2.0% MAX." is replaced with "2.1% MAX."
Note 8 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.
Section A is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"
Section B is amended as follows:
Delete: "15' – 0" MAX. (TYP.)"

F-80.10
The one instance of "2.0% MAX." is replaced with "2.1% MAX."
Note 6 is replaced with the following:
The running slope of the Pedestrian Ramp shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk.
Section A is amended as follows:
Delete: "15" Max."

J-5.50
General Note 4 reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"
General Note 5 reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-10.10
Sheet 4 of 6, "Foundation Size Reference Table", PAD WIDTH column, Type 33xD=6' – 3" is revised to read: 7' – 3". Type 342LX / NEMA P44=5' – 10" is revised to read: 6' – 10"
Sheet 5 of 6, Plan View, "FOR EXAMPLE PAD SHOWN HERE:, "first bullet" item, "-SPACE BETWEEN TYPE B MOD. CABINET AND 33x CABINET IS 6" (IN)" IS REVISED TO READ: "SPACE BETWEEN TYPE B MOD. CABINET (BACK OF ALL CHANNEL STEEL) AND 33x CABINET IS 6" (IN) (CHANNEL STEEL ADDS ABOUT 5" (IN)"

J-10.16
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.17
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-10.18
Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

J-15.15
The reference to "2-09.3(1)E" is revised to read "3-07.3(1)E"

J-20.01
STANDARD DIMENSIONS AND REFERENCES table, TYPE FB, Standard Height column – "15'-0" "is revised to read; "14'-0" "

J-20.10
DELETED

J-20.11
DELETED

J-20.26
Add Note 1, “1. One accessible pedestrian pushbutton station per pedestrian pushbutton post.”
Add General Note 2, to read: “Signs shown are for locations with pedestrian signal displays (Accessible Pedestrian Signals/APS). Accessible information device (AID) pushbuttons signs not shown.”
Revise View Titles (Both Sheets) to read: “ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY”

J-20.16
View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE

J-21.10
Sheet 1, Anchor Bolt Template, callout; “9” (IN) BOLT CIRCLE” is revised to read: “9” (IN) DIA.BOLT CIRCLE”
Base Plate Detail, callout; “3/4” (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/6” (IN)” IS REVISED TO READ; “3/4” (IN) STEEL PLATE WITH HOLE = POLE BASE + 1/16” (IN)”
Flat Foundation Detail – Elevation, callout; “ANCHOR BOLTS ~ ¾” (IN) x 30” (IN) FULL THREAD ~ THREE REQ’D. PER ASSEMBLY” is revised to read; “ANCHOR BOLTS ~ ¾” (IN) x 30” (IN) FULL THREAD ~ FOUR REQ’D. PER ASSEMBLY”
Flat Foundation Detail – Elevation, dimension; 4’ – 0” is revised to read; “4’ – 0” ROUND OR 3’ – 0” SQUARE”

J-21.15
Partial View, callout, was – LOCK NIPPLE ~ 1 ½” DIAM., is revised to read; CHASE NIPPLE ~ 1 ½” (IN) DIAM.

J-21.16
On both elevation views, the overall standard height dimension “15’-0” ” is revised to read; “14’-0” ”

J-26.10
The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-27.10
The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-28.30
General Note 13 – “See Standard Plans C-8b and C-85.14 for steel light standards on traffic barrier” is revised to read; “See Standard Plan C-85.15 for steel light standards on traffic barrier.”

J-29.10
The reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-40.10
Sheet 2 of 2, Detail F, callout, “12 – 13 x 1 ½” S.S. PENTA HEAD BOLT AND 12” S. S. FLAT WASHER” is revised to read; “12 – 13 x 1 ½” S.S. PENTA HEAD BOLT AND 1/2” (IN) S. S. FLAT WASHER”

J-40.36
Note 1, second sentence; ”Finish shall be # 2B for backbox and # 4 for the cover.” Is revised to read; ”Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-40.37
Note 1, second sentence; ”Finish shall be # 2B for backbox and # 4 for the cover.” Is revised to read; ”Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-50.15
Sheet 1, SECTION A, the call out “LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 3 PAIRS” is revised to read “LOOP LEAD-IN WIRES, TWISTED PAIRS ~ MAX. 6 PAIRS”
General Note 1 reference to “2-09.3(1)E” is revised to read “3-07.3(1)E”

J-75.20
Key Notes, note 16, second bullet point, was: “1/2” (IN) x 0.45” (IN) Stainless Steel Bands”, add the following to the end of the note: “Alternate: Stainless steel cable with stainless steel ends, nuts, bolts, and washers may be used in place of stainless steel bands and associated hardware.”

J-75.55
Notes, Note A1, Revise reference, was – G-90.29, should be – G-90.20.

L-5.10
Add new general Note 9 on sheet 1 – “9. The top of wall in Section A on Sheet 1 shall be located as follows: 1) flush with the finished grade when placed within the deflection distance of the long span guardrail system (Std. Plan C-20.40), 2) Two inches maximum above finished grade when placed behind a box culvert guardrail steel post system (Std. Plan C-20.41 or C-20.43), 3) Six inches minimum for all other applications. The bottom rail shall be located at mid height between the top rail and the top of structure.”

M-20.30
Wide Dotted Lane Line Detail, reference below title, (SEE NOTE 6) is revised to read: (SEE NOTE 5)

M-40.10
Guide Post Type ~ Reflective Sheeting Applications Table, remove reference - “(SEE NOTE 5)”

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in

the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00 ..... 8/7/07
A-10.20-00 ..... 10/5/07
A-10.30-00 ..... 10/5/07
A-20.10-00 ..... 8/31/07
A-30.10-00 ..... 11/8/07
A-30.30-01 ..... 6/16/11
A-30.35-00 .....10/12/07
A-40.00-01 ..... 7/6/22
A-40.10-04 ..... 7/31/19
A-40.15-00 ..... 8/11/09
A-40.20-04 ..... 1/18/17
A-40.50-03 ..... 9/12/23
A-50.10-02 .....7/18/24
A-50.40-01 .....8/17/21
A-60.10-03 .....12/23/14
A-60.20-03 .....12/23/14
A-60.30-01 .....6/28/18
A-60.40-00 .....8/31/07

B-5.20-03 ..... 9/9/20
B-5.40-02 ..... 1/26/17
B-5.60-02 ..... 1/26/17
B-10.20-03 ..... 8/23/23
B-10.40-02 ..... 8/17/21
B-10.70-03 ..... 8/23/23
B-15.20-01 ..... 2/7/12
B-15.40-01 ..... 2/7/12
B-15.60-02 ..... 1/26/17
B-20.20-02 ..... 3/16/12
B-20.40-04 ..... 2/27/18
B-20.60-03 ..... 3/15/12
B-25.20-02 ..... 2/27/18
B-25.60-03 ..... 8/23/23
B-30.05-00 ..... 9/9/20
B-30.10-03 ..... 2/27/18
B-30.15-00 ..... 2/27/18
B-30.20-04 ..... 2/27/18
B-30.30-03 ..... 2/27/18
B-30.50-03.....2/27/18
B-30.60-00.....9/9/20
B-30.40-03.....2/27/18
B-30.70-04.....2/27/18
B-30.80-01.....2/27/18
B-30.90-02.....1/26/17
B-35.20-00.....6/8/06
B-35.40-01.....8/23/23
B-40.20-00.....6/1/06
B-40.40-02.....1/26/17
B-45.20-01.....7/11/17
B-45.40-01.....7/21/17
B-50.20-00.....6/1/06
B-55.20-03.....8/17/21
B-60.20-02.....9/9/20
B-60.40-01.....2/27/18
B-65.20-01.....4/26/12
B-65.40-00.....6/1/06
B-70.20-01.....3/15/22
B-75.20-03 .....8/17/21
B-75.50-02 .....3/15/22
B-70.60-01 .....1/26/17
B-75.60-00 .....6/8/06
B-80.20-00 .....6/8/06
B-80.40-00 .....6/1/06
B-85.10-01 .....6/10/08
B-85.20-00 .....6/1/06
B-85.30-00 .....6/1/06
B-85.40-00 .....6/8/06
B-85.50-01 .....6/10/08
B-90.10-00 .....6/8/06
B-90.20-00 .....6/8/06
B-90.30-00 .....6/8/06
B-90.40-01 .....1/26/17
B-90.50-00 .....6/8/06
B-95.20-02 .....8/17/21
B-95.40-01 .....6/28/18

C-1 ..... 9/8/22
C-1b..... 10/12/23
C-1d..... 10/31/03
C-6a..... 9/8/22
C-7 ..... 9/8/22
C-7a..... 9/8/22
C-20.10-09..... 10/12/23
C-20.14-05..... 9/8/22
C-20.15-03..... 10/12/23
C-20.18-04..... 9/8/22
C-20.40-10..... 10/12/23
C-20.41-05..... 7/18/24
C-20.43-01..... 7/18/24
C-20.44-00..... 8/13/24
C-20.45-03..... 9/8/22
C-20.55-00..... 7/30/24
C-22.16-08..... 10/17/23
C-22.40-11..... 7/21/24
C-22.45-07..... 7/21/24
C-23.70-01 .....10/16/23
C.24.10-05.....7/21/24
C-24.15-00 .....3/15/22
C-25.20-07 .....8/20/21
C-25.22-06 .....8/20/21
C-25.26-05 .....8/20/21
C-25.30-01 .....8/20/21
C-25.32-00 .....7/29/24
C-25.80-05 .....8/12/19
C-60.10-04 .....7/21/24
C-60.15-01 .....7/21/24
C-60.20-01 .....9/8/22
C-60.30-02 .....7/21/24
C-60.40-01 .....7/21/24
C-60.45-01 .....7/21/24
C-60.50-01 .....7/21/24
C-60.60-01 .....7/21/24
C-60.70-01 .....9/8/22
C-60.80-02 .....7/21/24
C-70.10-04 ..... 10/16/23
C-70.15-01 .....7/21/24
C-75.10-02 .....9/16/20
C-75.20-03 .....8/20/21
C-75.30-03 .....8/20/21
C-80.10-03 ..... 10/16/23
C-80.20-01 .....6/11/14
C-80.30-02 .....8/20/21
C-80.40-01 .....6/11/14
C-85.10-00 .....4/8/12
C-85.11-01 .....9/16/20
C-85.15-03 ..... 10/17/23
C-85-18-03.....9/8/22
C-81.10-00 .....9/12/23
C-81.15-00 .....9/12/23

D-2.36-03..... 6/11/14
D-2.46-02..... 8/13/21
D-2.84-00..... 11/10/05
D-2.92-01..... 4/26/22
D-3.09-00..... 5/17/12
D-3.10-01..... 5/29/13

D-3.11-03 .....6/11/14
D-4 .....12/11/98
D-6 .....6/19/98
D-10.10-01 .....12/2/08
D-10.15-01 .....12/2/08
D-10.20-01 .....8/7/19

D-10.25-01 .....8/7/19
D-10.30-00 .....7/8/08
D-10.35-00 .....7/8/08
D-10.40-01 .....12/2/08
D-10.45-01 .....12/2/08
D-20.10-00 .....10/9/23

E-1 ..... 2/21/07
E-2..... 5/29/98

E-4.....8/27/03
E-4a.....8/27/03

E-20.10-00 .....9/12/23
E-20.20-00 .....10/4/23

F-10.12-04 ..... 9/24/20
F-10.16-00 ..... 12/20/06
F-10.18-04 ..... 6/28/24
F-10.40-04 ..... 9/24/20
F-10.42-00 ..... 1/23/07

F-10.62-02.....4/22/14
F-10.64-03.....4/22/14
F-30.10-04.....9/25/20
F-40.12-03.....6/29/16
F-40.14-03.....6/29/16

F-40.15-04.....9/25/20
F-40.16-03.....6/29/16
F-45.10-05.....6/4/24
F-80.10-04.....7/15/16

G-10.10-00..... 9/20/07
G-20.10-03..... 8/20/21
G-22.10-04..... 6/28/18
G-24.10-00..... 11/8/07
G-24.20-01..... 2/7/12
G-24.30-02..... 6/28/18
G-24.40-07..... 6/28/18

G-24.50-05 .....8/7/19
G-24.60-05 .....6/28/18
G-25.10-05 .....9/16/20
G-26.10-00 .....7/31/19
G-30.10-04 .....6/23/15
G-50.10-03 .....6/28/18

G-90.10-03 .....7/11/17
G-90.20-05 .....7/11/17
G-90.30-04 .....7/11/17
G-95.10-02 .....6/28/18
G-95.20-03 .....6/28/18
G-95.30-03 .....6/28/18

H-10.10-01..... 6/2/24
H-10.11-00..... 6/2/24
H-10.15-01..... 6/2/24
H-10.16-00..... 6/2/24

H-30.10-00 .....10/12/07
H-32.10-00 .....9/20/07
H-60.10-01 .....7/3/08
H-60.20-01 .....7/3/08

H-70.10-02 .....8/17/21
H-70.20-02 .....8/17/21

I-10.10-01 ..... 8/11/09
I-30.10-02 ..... 3/22/13
I-30.15-02 ..... 3/22/13
I-30.16-01 ..... 7/11/19
I-30.17-01 ..... 6/12/19

I-30.20-00.....9/20/07
I-30.30-02.....6/12/19
I-30.40-02.....6/12/19
I-30.60-02.....6/12/19
I-40.10-00.....9/20/07

I-40.20-00.....9/20/07
I-50.20-02.....7/6/22
I-60.10-01.....6/10/13
I-60.20-01.....6/10/13
I-80.10-02.....7/15/16

J-05.50-00..... 8/30/22
J-10..... 7/18/97
J-10.10-04..... 9/16/20
J-10.12-00..... 9/16/20
J-10.14-00..... 9/16/20
J-10.15-01..... 6/11/14
J-10.16-02..... 8/18/21
J-10.17-02..... 8/18/21
J-10.18-02..... 8/18/21
J-10.20-04..... 8/18/21
J-10.21-02..... 8/18/21
J-10.22-03..... 10/4/23
J-10.25-01..... 6/21/24

J-26.10-03 .....7/21/16
J-26.15-01 .....5/17/12
J-26.20-01 .....6/28/18
J-27.10-01 .....7/21/16
J-27.15-00 .....3/15/12
J-28.01-00 .....8/30/22
J-28.10-02 .....8/7/19
J-28.22-00 .....8/07/07
J-28.24-02 .....9/16/20
J-28.26-01 .....12/02/08
J-28.30-04 .....6/18/24
J-28.40-02 .....6/11/14
J-28.42-01 .....6/11/14

J-50.05-00 .....7/21/17
J-50.10-01 .....7/31/19
J-50.11-02 .....7/31/19
J-50.12-02 .....8/7/19
J-50.13-01 .....8/30/22
J-50.15-01 .....7/21/17
J-50.16-01 .....3/22/13
J-50.18-00 .....8/7/19
J-50.19-00 .....8/7/19
J-50.20-00 .....6/3/11
J-50.25-00 .....6/3/11
J-50.30-00 .....6/3/11
J-60.05-01 .....7/21/16

J-10.26-00..... .8/30/22
J-12.15-00..... 6/28/18
J-12.16-00..... 6/28/18
J-15.10-01..... 6/11/14
J-15.15-02..... 7/10/15
J-20.01-01..... .6/21/24
J-20.05-00..... 6/21/24
J-20.10-05..... 10/4/23
J-20.11-03..... 7/31/19
J-20.15-04..... 6/21/24
J-20.16-02..... 6/30/14
J-20.20-02..... 5/20/13
J-20.26-01..... 7/12/12
J-21.10-05..... 6/21/24
J-21.15-01..... 6/10/13
J-21.16-02..... 6/21/24
J-21.17-01..... 6/10/13
J-21.20-01..... 6/10/13
J-22.15-03..... 6/21/24
J-22.16-03..... 7/10/15
J-22.17-00..... 6/21/24

J-28.43-01 .....6/28/18
J-28.45-03 .....7/21/16
J-28.50-03 .....7/21/16
J-28.60-03 .....8/27/21
J-28.70-04 .....8/30/22
J-29.10-02 .....8/26/22
J-29.15-01 .....7/21/16
J-29.16-02 .....7/21/16
J-30.10-01 .....8/26/22
J-40.01-00 .....8/30/22
J-40.05-00 .....7/21/16
J-40.10-04 .....4/28/16
J-40.20-03 .....4/28/16
J-40.30-04 .....4/28/16
J-40.35-01 .....5/29/13
J-40.36-02 .....7/21/17
J-40.37-02 .....7/21/17
J-40.38-01 .....5/20/13
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J-45.36-00 .....7/21/17

J-60.11-00 .....5/20/13
J-60.12-00 .....5/20/13
J-60.13-00 .....6/16/10
J-60.14-01 .....7/31/19
J-75.10-02 .....7/10/15
J-75.20-01 .....7/10/15
J-75.30-02 .....7/10/15
J-75.50-00 .....8/30/22
J-75.55-00 .....8/30/22
J-80.05-00 .....8/30/22
J-80.10-01 .....8/18/21
J-80.12-00 .....8/18/21
J-80.15-00 .....6/28/18
J-81.10-02 .....8/18/21
J-81.12-00 .....9/3/21
J-84.05-00 .....8/30/22
J-86.10-00 .....6/28/18
J-90.10-03 .....6/28/18
J-90.20-03 .....6/28/18
J-90.21-02 .....6/28/18
J-90.50-00 .....6/28/18

K-70.20-01 ..... 6/1/16
K-80.10-02..... 9/25/20

K-80.32-00.....8/17/21
K-80.34-00.....8/17/21

K-80.35-01 .....9/16/20
K-80.37-01 .....9/16/20

L-5.10-02 ..... 6/5/24
L-5.15-00 ..... 9/19/22
L-10.10-02 ..... 6/21/12

L-20.10-03.....7/14/15
L-30.10-02.....6/11/14
L-40.15-01.....6/16/11

L-40.20-02.....6/21/12
L-70.10-01.....5/21/08
L-70.20-01.....5/21/08

M-1.20-04 ..... 9/25/20
M-1.40-03 ..... 9/25/20
M-1.60-03 ..... 9/25/20
M-1.80-03 ..... 6/3/11
M-2.20-03 ..... 7/10/15
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M-3.50-03 ..... 9/25/20
M-5.10-03 ..... 9/25/20
M-7.50-01 ..... 1/30/07
M-9.50-02 ..... 6/24/14

M-9.60-00.....2/10/09
M-11.10-04.....8/2/22
M-12.10-04.....6/28/24
M-15.10-02.....7/17/23
M-17.10-02.....7/3/08
M-20.10-04.....8/2/22
M-20.20-02.....4/20/15
M-20.30-05.....6/28/24
M-20.40-03.....6/24/14
M-20.50-02.....6/3/11
M-24.20-02.....4/20/15
M-24.40-02.....4/20/15
M-24.60-04.....6/24/14
M-24.65-00.....7/11/17

M-24.66-00.....7/11/17
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M-65.10-03.....8/17/21
M-80.10-01.....6/3/11
M-80.20-00.....6/10/08
M-80.30-00.....6/10/08

APPENDIX A

GEOTECHNICAL REPORT

SAGE
GEOTECHNICAL

TECHNICAL MEMORANDUM

TO: Mr. Wesley Anderson, PE, Senior Engineer, Lewis County Public Works

FROM: Calvin McCaughan, PE

DATE: June 3, 2024

RE: Summary of Geotechnical Engineering Services
Jones Road Bridge Final Design Project
Centralia, Washington
Sage Project No. 005005

INTRODUCTION

This memorandum summarizes the results of geotechnical engineering services provided by Sage Geotechnical, LLC (Sage) in support of the Jones Road Bridge Final Design Project in Centralia, Washington (site; Attachment 1, Figure 1). Services were provided in accordance with the scope outlined in the task order between Sage and Landau Associates, Inc. (Landau, former geotechnical consultant), executed on March 15, 2024.

This memorandum has been prepared with information provided by Lewis County Public Works (County, project owner) and with data collected during Landau's May 2022 geotechnical field investigation.

PROJECT UNDERSTANDING

The galvanized steel culvert used to convey South Hanaford Creek beneath Jones Road was damaged during a winter flood event. The County proposes to replace the damaged culvert with a 32-foot (ft)-span, 40-ft-wide bridge supported on driven steel pipe piles. The upper portion of the piles will be filled with reinforced concrete.

SURFACE CONDITIONS

Site features include a paved, two-lane road (Jones Road) built on an embankment at the existing culvert crossing. The culvert measures 11 ft wide and 7 ft tall; it is covered by approximately 2 ft of fill material. The site is surrounded by farmland.

GEOLOGIC CONDITIONS

Geologic information for the site and the surrounding area was obtained from the *Geologic Map of the Centralia Quadrangle, Washington* (Schasse 1987). Surficial deposits at the site are mapped as alluvium (Qa), a unit that consists of fine-grained sand and silt. The alluvium is underlain by marine sedimentary rocks of the Skookumchuck formation (En[sk]), a unit that consists of siltstone, sandstone, and shale. The soils observed in the May 2022 explorations were generally consistent with the mapped geology for the site.

SUBSURFACE CONDITIONS

On May 19 and 20, 2022, Holt Services advanced two mud rotary borings (B-1 and B-2) 75.5 ft below ground surface (bgs). The borings were advanced at the approximate locations shown on Figure 2 in Attachment 1.

Field staff monitored the explorations, collected representative soil samples, and maintained a detailed record of the subsurface soil and groundwater conditions observed. Subsurface conditions were described using the soil classification system shown on Figure 3 in Attachment 1, in general accordance with ASTM International (ASTM) standard D2488, *Standard Practice for Description and Identification of Soils (Visual-Manual Procedures).* Summary boring logs are presented on Figures 4 and 5 in Attachment 1.

Soil Conditions

The soils observed underlying existing surface conditions (i.e., asphalt and crushed gravel) were categorized into three units:

- **Fill:** Fill was observed in borings B-1 and B-2 and consisted of gravel and ballast in a medium dense, moist condition. The fill extended 4.0 ft bgs.
- **Alluvium:** Alluvium was observed beneath the fill in borings B-1 and B-2 and consisted of silt or elastic silt with variable sand or sand with variable silt in a very soft/very loose, moist condition. The alluvium extended approximately 64.0 ft bgs. The bottom 10 ft of alluvium graded to a medium dense condition.
- **Marine sedimentary rock:** Marine sedimentary rock was observed beneath the alluvium in borings B-1 and B-2 and consisted of silty sand in a very dense, moist condition. The marine sedimentary rock extended approximately 75.5 ft bgs. Both borings were terminated in this unit.

Groundwater Conditions

Use of the mud rotary drilling method precluded direct measurement of site groundwater levels. Fine-grained site soils are thought to be saturated, based on their water content and density. Steady state site groundwater levels are likely to approximate the surface water elevation of nearby South Hanaford Creek.

Site groundwater elevations will vary, depending on local subsurface conditions, weather conditions, and other factors. Furthermore, site groundwater levels are expected to fluctuate seasonally, with maximum groundwater levels occurring during late winter and early spring.

GEOTECHNICAL LABORATORY TESTING

Soil samples obtained from the borings were transported to a geotechnical laboratory for further examination and testing. Field log descriptions were checked against the laboratory samples and updated, where appropriate, in accordance with ASTM standard D2487, *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System).*

Natural moisture content tests were performed on select soil samples in accordance with ASTM standard test method D2216, *Standard Test Methods for Laboratory Determination of Water (Moisture)*

Content of Soil and Rock by Mass. The natural moisture content is shown as "W = xx" (i.e., percent of dry weight) in the "Test Data" column on Figure 4 in Attachment 1.

U.S. Standard No. 200 sieve washes were performed on select samples in accordance with ASTM standard test method D1140, *Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing.* The results of the sieve washes are shown as "–200 = xx" in the "Test Data" column on Figure 4 in Attachment 1.

Grain size analyses were performed in accordance with ASTM standard test method D7928, *Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis.* Samples selected for grain size analysis are designated with a "GS" in the "Test Data" column on Figure 4 in Attachment 1. The results of the grain size analysis are presented on Figure 6 in Attachment 1.

Atterberg limits determinations were performed in accordance with ASTM standard test method D4318, S*tandard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.* Samples selected for Atterberg limits determinations are designated with an "AL" in the "Test Data" column on Figure 4 in Attachment 1. The results of the Atterberg limits determinations are presented on Figure 7 in Attachment 1.

CONCLUSIONS AND RECOMMENDATIONS

Based on the subsurface conditions observed in the May 2022 explorations, construction of the proposed improvements is feasible from a geotechnical standpoint. Alluvial soils are highly compressible under static loading conditions; however, the marine sedimentary rock will provide adequate support for a bridge built on driven steel pipe piles.

Seismic Design

The seismic design parameters in Table 1 were determined in accordance with the *AASHTO* (American Association of State Highway and Transportation Officials) *LRFD* (Load and Resistance Factor Design) *Bridge Design Specifications* (2020). AASHTO recommends using a "7 percent probability of exceedance in 75 years" (nominal 1,000-year earthquake) event to develop a design spectrum for structures.

Table 1. Seismic Design Parameters

Site Class	M	PGA (g)	A_s (g)	S_s (g)	S_1 (g)	F_a	F_v	F_{PGA}
E	8.96	0.334	0.367	0.748	0.274	1.204	2.905	1.098

A_s = site-adjusted peak ground acceleration
F_a, F_v = short-period (0.2-second period) and long-period (1.0-second period) site coefficients, respectively
F_{PGA} = peak ground acceleration coefficient
g = acceleration due to gravity
M = design earthquake moment magnitude
PGA = peak ground acceleration
S_s, S_1 = 0.2-second and 1.0-second period spectral accelerations, respectively

Liquefaction and Lateral Spreading

The results of liquefaction analyses indicate that up to 6 inches of ground surface settlement could occur at the site following a seismic event. One-half of the total settlement could occur as differential settlement over short distances. To mitigate the effects of seismically induced soil liquefaction, the bridge should be supported on deep foundations, embedded below liquefiable soil layers.

Based on plasticity correlations, most of the alluvium is considered insusceptible to liquefaction. There is a low risk that lateral spreading or ground rupture caused by surface faulting will affect this short, simple-span bridge.

Axial Resistance

The bridge structure will be supported on driven steel pipe piles. Sage evaluated axial pile capacity in accordance with the methods described in the *AASHTO LRFD Bridge Design Specifications* (2020) and the Washington State Department of Transportation's (WSDOT) *Geotechnical Design Manual* (2022). The Nordlund/Thurman method was used to estimate the axial capacity of 24-inch-diameter driven steel pipe piles.

Ultimate static (service/strength limit states) and seismic (extreme limit state) pile capacities are provided in Table 2.

Table 2. Ultimate Capacities of 24-inch-diameter Driven Pipe Piles

Pile Section	Estimated Pile Tip Elevation (ft NGVD 29)	Minimum Pile Tip Elevation (ft NGVD 29)	Nominal Axial Compression Resistance (kips)		Downdrag Load (kips)		Nominal Uplift Resistance (kips)
			Service/Strength Limit States	Extreme Limit State	Service/Strength Limit States	Extreme Limit State	
24-inch-diameter steel pipe pile[(a)]	167	172	1,020	970	12	65	300

(a) = Calculations are based on the assumption that the bottom of the pile cap is at elevation 226.60 ft. Calculations were completed using the Nordlund/Thurman method.
ft = feet
NGVD 29 = National Geodetic Vertical Datum of 1929

The extreme limit state downdrag load should be applied to the top of the pile as an axial load. Additionally, a minimum load factor of 0.25 and a maximum load factor of 1.4 should be applied to the extreme limit state downdrag load, per Table 3.4.1-2 in the *AASHTO LRFD Bridge Design Specifications* (2020). The ultimate axial resistance values presented in Table 2 should be used in conjunction with the resistance factors in Table 3.

Table 3. Resistance Factors for Driven Piles

		Strength Limit State (Single Piles or Pile Groups)			
Loading	**Service Limit State**	**Dynamic Testing**	**WEAP**	**Nominal Resistance[(a)]**	**Extreme Limit State**
Compression	1.0	0.65	0.50	0.45	1.0
Uplift (single pile)				0.35	
Uplift (group)				0.50	

(a) = Calculated with Nordlund/Thurman method.
WEAP = wave equation analysis for piles

Based on Sage's review of the 50% design drawings prepared by TranTech Engineering, LLC (project structural engineer), each pile will have a (maximum) demand of 386.8 kips compression and 90 kips tension. To accommodate wave equation analysis, piles should be driven to a nominal resistance of 775 kips.

Sage does not anticipate the need to overdrive piles to meet the minimum tip elevation. The contractor can use the parameters in Table 4 to complete a wave equation analysis for piles (WEAP).

Table 4. Estimated Nominal Resistance Versus Depth

Elevation (ft)	Nominal Resistance (kips)	End Contribution (%)	Skin Contribution (%)
182	100	20	80
172	590	50	50
167	1,020	70	30

ft = feet

Lateral Resistance

Lateral resistance can be provided by passive soil springs acting on the bridge abutment, as described in Section 4.2.11 of WSDOT's *Bridge Design Manual LRFD* (2022). Recommendations for abutment wall passive soil springs are provided on Figure 8 in Attachment 1.

The soil p-y response against pile foundations will provide additional lateral resistance. The parameters in Table 5 can be input to LPILE software to estimate the lateral response of the piles. The response will depend on the density and composition of the surrounding soil, the inclination of nearby slopes, pile spacing, flexural stiffness of the pile, structural loads, and other factors.

Table 5. LPILE Soil Parameters

Depth Below Cap	Static	Seismic
0–45 ft (liquefiable)	Model: API Sand Unit Wt: 38 pcf phi = 26 psf k = 25 pci	Model: Liquefied Sand (Rollins) Unit Wt: 38 pcf
45–50 ft	Model: API Sand Unit Wt: 63 pcf phi = 32 deg k = 60 pci	Model: API Sand Unit Wt: 63 pcf phi = 32 deg k = 60 pci
50–60 ft	Model: API Sand Unit Wt: 73 pcf phi = 38 deg k = 125 pci	Model: API Sand Unit Wt: 73 pcf phi = 38 deg k = 125 pci

API = American Petroleum Institute
deg = degrees
ft = foot/feet
k = lateral subgrade modulus
pcf = pounds per cubic foot
pci = pounds per cubic inch
phi = internal angle of friction
psf = pounds per square foot
Wt = weight

The parameters in Table 6 can be used to evaluate pile group effects.

Table 6. P-multipliers for Group Effects (Center-to-Center Spacing of Two to Five Pile Diameters)

Pile Spacing (in direction of loading)	Row 1	Row 2	Row 3 (and higher)
2D	0.45	0.33	0.25
3D	0.80	0.40	0.30
5D	1.00	0.85	0.70

D = pile diameter

The recommendations in Tables 5 and 6 are for level-ground conditions. A slope angle can be input to LPILE to account for the effects of uneven ground. Where present, slope angles should be input by the designer.

Abutment Wall Design Parameters

When developing design recommendations, Sage assumed that backfill within the structural excavation zone would consist of Gravel Borrow, conforming to the requirements in Section 9-03.14(1) of WSDOT's 2022 *Standard Specifications for Road, Bridge, and Municipal Construction* (*2022 WSDOT Standard Specifications*). The Gravel Borrow should be compacted to at least 95 percent of its maximum dry density. The soil parameters in Table 7 can be used to design abutment walls. Sage

recommends that passive resistance be excluded from the design, given the potential for scour at the face of the walls.

Table 7. Abutment Wall Design Parameters

Parameter	Value
Backfill soil unit weight (pcf)	125
Backfill soil submerged unit weight (pcf)	63
Backfill soil internal angle of friction (degrees)	36
Foundation soil internal angle of friction (degrees)	34
Active earth pressure coefficient (K_a)	0.26
At-rest earth pressure coefficient (K_o)	0.41
Seismic earth pressure coefficient – Unrestrained (K_{ae})	0.38
Seismic earth pressure coefficient – Restrained (K_{ae})	0.70
Ultimate coefficient of sliding	Cast-in-place: 0.57 Precast: 0.46

Note: Level backslope conditions have been assumed for abutment walls.
pcf = pounds per cubic foot

Abutment walls may be supported on driven pile foundations designed in accordance with the parameters in Tables 2 and 3.

CONSTRUCTION CONSIDERATIONS

The following key points should be considered when developing project plans and specifications:

- **Reuse of site soil:** With the exception of existing gravel ballast/fill, site soils are not suitable for reuse as structural fill.
- **Structural fill:** Gravel Borrow, as described in Section 9-03.14(1) of the 2*022 WSDOT Standard Specifications,* is a suitable source of structural fill. During periods of wet weather, the fines content should not exceed 5 percent, based on the minus ¾-inch fraction. Structural fill should be used as backfill within the limits of the structural excavation.
- **Temporary excavations:** Temporary excavations should be completed in accordance with the guidelines in Section 2-09 of the *2022 WSDOT Standard Specifications.* The contractor should be responsible for actual excavation configurations and the maintenance of safe working conditions, including temporary excavation stability. Temporary excavations in excess of 4 ft should be shored or sloped in accordance with the requirements in Safety Standards for Construction Work, Part N (Washington State Department of Labor and Industries, Chapter 296-155 Washington Administrative Code). The soil likely to be exposed in the excavation sidewalls should be considered Type C. The maximum allowable excavation inclination for Type C soils is 1.5 horizontal to 1 vertical (1.5H:1V). The soil parameters in Table 8 can be used to design engineered shoring systems.

Table 8. Recommended Soil Parameters for Design of Temporary Shoring

Soil Unit	Moist Unit Weight (pcf)	Submerged Unit Weight (pcf)	Cohesion (psf)	Internal Angle of Friction (degrees)
Fill	130	68	0	34
Alluvium	110	48	0	26

pcf = pounds per cubic foot
psf = pounds per square foot

- **Dewatering/bypass:** Soils at the anticipated foundation depths are fine-grained and saturated but do not readily transmit groundwater. If encountered during construction excavation, groundwater seepage and surface water can be managed with sumps, pumps, cutoff walls, and/or diversion systems. Groundwater and surface water should be controlled during construction to provide a dry, stable work area. Completing construction during summer and early fall, when the creek is at its lowest level, will reduce the magnitude of dewatering required. Site soils are well-suited for the use of sheet pile cofferdams. Cofferdams can be used to isolate and shore shallow foundation excavations.
- **Permanent slopes:** Roadway embankments should be sloped 2H:1V or flatter, in accordance with Section 2-03 of the *2022 WSDOT Standard Specifications.* Slopes along the interior of the bridge abutments (facing the creek) may be 1.5H:1V, provided they are constructed of structural fill and sufficiently armored against stream erosion.
- **Test piles:** Based on the end-bearing conditions (i.e., marine sedimentary rock), the span of the proposed bridge structure, and the design specification for ½-inch-thick pile walls, Sage concludes that a pre-construction test pile program is not required. The contractor shall submit a WEAP analysis consistent with the requirements in the *2022 WSDOT Standard Specifications.*

USE OF THIS TECHNICAL MEMORANDUM

Sage Geotechnical, LLC has prepared this technical memorandum for the exclusive use of Lewis County Public Works for specific application to the Jones Road Bridge Final Design Project in Centralia, Washington. No other party is entitled to rely on the information, conclusions, and recommendations included in this document without the express written consent of Sage Geotechnical. Reuse of the information, conclusions, and recommendations provided herein for extensions of the project or for any other project, without review and authorization by Sage Geotechnical, shall be at the user's sole risk.

Sage Geotechnical warrants that, within the limitations of scope, schedule, and budget, its services have been provided in a manner consistent with that level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality, under similar conditions as this project. Sage Geotechnical makes no other warranty, either express or implied.

CLOSING

We trust that this memorandum provides you with sufficient information to proceed with the project. If you have questions or comments, or if we can be of further service, please contact Calvin McCaughan at calvinm@sagegeotechnical.com.

SAGE GEOTECHNICAL, LLC



Calvin McCaughan, PE
Principal

6/3/2024

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Attachments: Attachment 1. Figures Excerpted from Landau Associates' Revised Draft Technical Memorandum

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ATTACHMENT 1

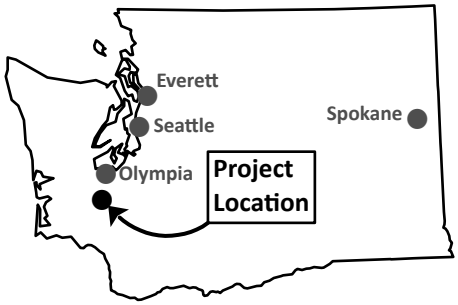
Figures Excerpted from Landau Associates' Revised Draft Technical Memorandum



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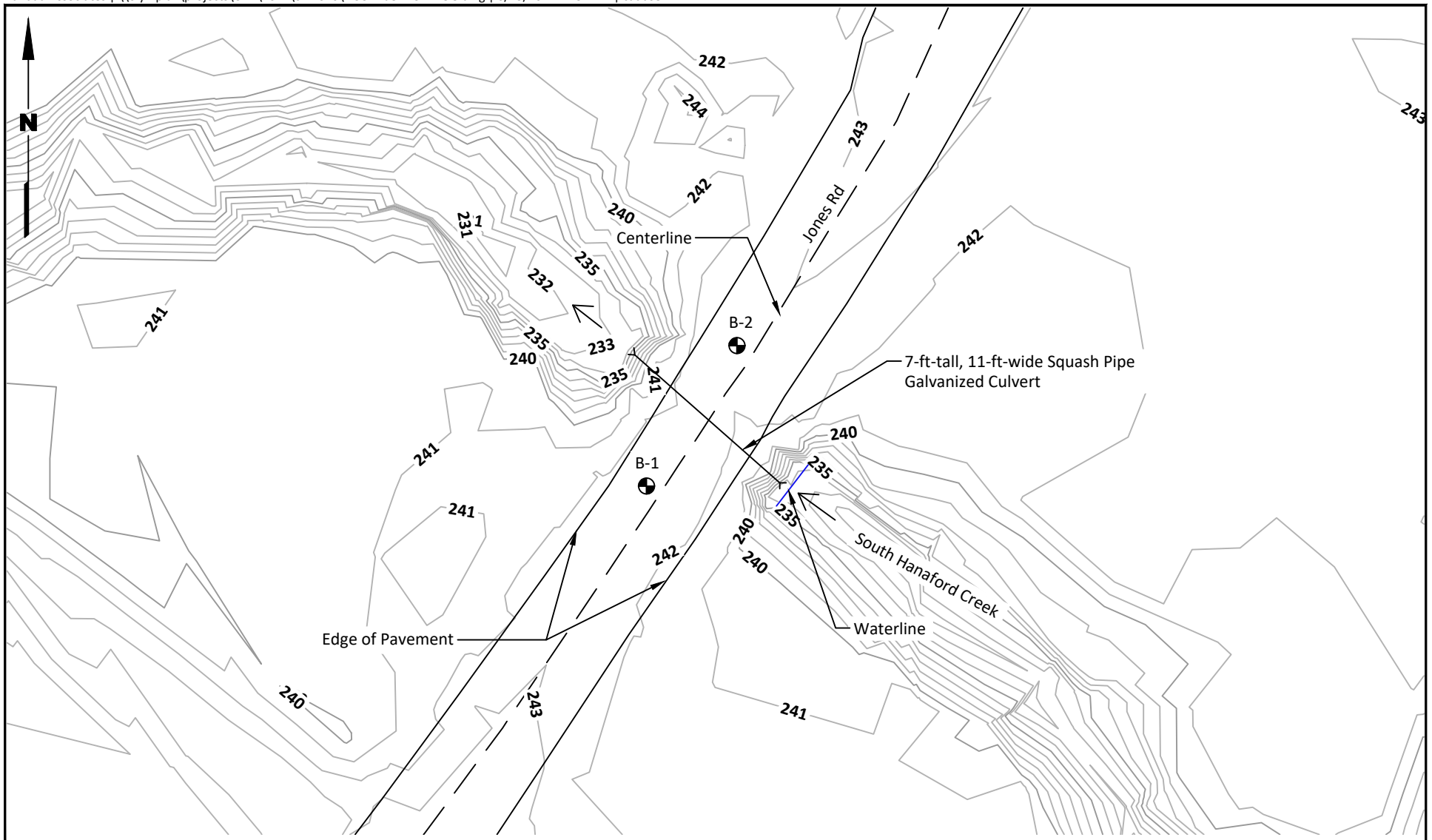


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LANDAU ASSOCIATES

Jones Road Bridge Centralia, Washington	**Vicinity Map**	Figure 1



Legend

B-1 Approximate Boring Location and Designation

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Source: Lewis County 2022

0 30 60

Scale in Feet

LANDAU ASSOCIATES

Jones Road Bridge
Centralia, Washington

Site and Exploration Plan

Figure
2

Soil Classification System

MAJOR DIVISIONS			GRAPHIC SYMBOL	USCS LETTER SYMBOL[1]	TYPICAL DESCRIPTIONS [2][3]
COARSE-GRAINED SOIL (More than 50% of material is larger than No. 200 sieve size)	GRAVEL AND GRAVELLY SOIL (More than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (Little or no fines)		GW	Well-graded gravel; gravel/sand mixture(s); little or no fines
				GP	Poorly graded gravel; gravel/sand mixture(s); little or no fines
		GRAVEL WITH FINES (Appreciable amount of fines)		GM	Silty gravel; gravel/sand/silt mixture(s)
				GC	Clayey gravel; gravel/sand/clay mixture(s)
	SAND AND SANDY SOIL (More than 50% of coarse fraction passed through No. 4 sieve)	CLEAN SAND (Little or no fines)		SW	Well-graded sand; gravelly sand; little or no fines
				SP	Poorly graded sand; gravelly sand; little or no fines
		SAND WITH FINES (Appreciable amount of fines)		SM	Silty sand; sand/silt mixture(s)
				SC	Clayey sand; sand/clay mixture(s)
FINE-GRAINED SOIL (More than 50% of material is smaller than No. 200 sieve size)	SILT AND CLAY (Liquid limit less than 50)			ML	Inorganic silt and very fine sand; rock flour; silty or clayey fine sand or clayey silt with slight plasticity
				CL	Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay
				OL	Organic silt; organic, silty clay of low plasticity
	SILT AND CLAY (Liquid limit greater than 50)			MH	Inorganic silt; micaceous or diatomaceous fine sand
				CH	Inorganic clay of high plasticity; fat clay
				OH	Organic clay of medium to high plasticity; organic silt
	HIGHLY ORGANIC SOIL			PT	Peat; humus; swamp soil with high organic content

OTHER MATERIALS	GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
PAVEMENT		AC or PC	Asphalt concrete pavement or Portland cement pavement
ROCK		RK	Rock (See Rock Classification)
WOOD		WD	Wood, lumber, wood chips
DEBRIS		DB	Construction debris, garbage

Notes:
1. USCS letter symbols correspond to symbols used by the Unified Soil Classification System and ASTM classification methods. Dual letter symbols (e.g., SP-SM for sand or gravel) indicate soil with an estimated 5-15% fines. Multiple letter symbols (e.g., ML/CL) indicate borderline or multiple soil classifications.
2. Soil descriptions are based on the general approach presented in the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), outlined in ASTM D 2488. Where laboratory index testing has been conducted, soil classifications are based on the Standard Test Method for Classification of Soils for Engineering Purposes, as outlined in ASTM D 2487.
3. Soil description terminology is based on visual estimates (in the absence of laboratory test data) of the percentages of each soil type and is defined as follows:

Primary Constituent:	> 50% - "GRAVEL," "SAND," "SILT," "CLAY," etc.
Secondary Constituents:	> 30% and ≤ 50% - "very gravelly," "very sandy," "very silty," etc.
	> 15% and ≤ 30% - "gravelly," "sandy," "silty," etc.
Additional Constituents:	> 5% and ≤ 15% - "with gravel," "with sand," "with silt," etc.
	≤ 5% - "with trace gravel," "with trace sand," "with trace silt," etc., or not noted.

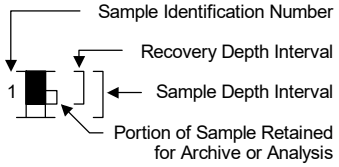
4. Soil density or consistency descriptions are based on judgement using a combination of sampler penetration blow counts, drilling or excavating conditions, field tests, and laboratory tests, as appropriate.

Drilling and Sampling Key

SAMPLER TYPE

Code	Description
a	3.25-inch O.D., 2.42-inch I.D. Split Spoon
b	2.00-inch O.D., 1.50-inch I.D. Split Spoon
c	Shelby Tube
d	Grab Sample
e	Single-Tube Core Barrel
f	Double-Tube Core Barrel
g	2.50-inch O.D., 2.00-inch I.D. WSDOT
h	3.00-inch O.D., 2.375-inch I.D. Mod. California
i	Other - See text if applicable
1	300-lb Hammer, 30-inch Drop
2	140-lb Hammer, 30-inch Drop
3	Pushed
4	Vibrocore (Rotosonic/Geoprobe)
5	Other - See text if applicable

SAMPLE NUMBER & INTERVAL



Field and Lab Test Data

Code	Description
PP = 1.0	Pocket Penetrometer, tsf
TV = 0.5	Torvane, tsf
PID = 100	Photoionization Detector VOC screening, ppm
W = 10	Moisture Content, %
D = 120	Dry Density, pcf
-200 = 60	Material smaller than No. 200 sieve, %
GS	Grain Size - See separate figure for data
AL	Atterberg Limits - See separate figure for data
GT	Other Geotechnical Testing
CA	Chemical Analysis

Groundwater

▽ Approximate water level at time of drilling (ATD)

▼ Approximate water level at time after drilling/excavation/well

LANDAU ASSOCIATES

Jones Road Bridge
Centralia, Washington

Soil Classification System and Key

Figure 3

B-1

LAI Project No: 1647022.010

SAMPLE DATA | **SOIL PROFILE**

Drilling Method: Mud Rotary
Ground Elevation (ft): Not Measured
Drilled By: Holt Services
Logged By: LGL Date: 05/19/22

Depth (ft)	Elevation (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	Test Data	Graphic Symbol	USCS Symbol	Soil Description
0							AC	3 inches of asphalt over 8 inches of crushed gravel (medium dense, moist)
							GP	**(FILL)**
		S-1	b2	29				Grayish-brown, fine to coarse GRAVEL and BALLAST (medium dense, moist)
5							MH	Grayish-brown, mottled SILT with sand (soft, moist)
		S-2	b2	3				**(ALLUVIUM)**
		S-3	b2	0	W = 44 GS AL			Grades to very soft
10		S-4	b2	0	W = 50			Grades to gray and without mottling
		S-5	c3	0	W = 43 AL			Grades to without sand
		S-6	b2	0	W = 31		SP-SM	Gray, fine SAND with silt (very loose, moist)
15		S-7	b2	0	W = 48		ML	Gray SILT with sand (very soft, moist)
		S-8	b2	0	W = 41 GS AL			Grades to sandy
20		S-9	b2	0	W = 47			Grades to without sand
								Grades to sandy
25		S-10	b2	0	W = 35 GS AL			Grades to very sandy
							SM	Gray, very silty, fine SAND (very loose, moist)
30		S-11	b2	0	W = 43 -200 = 48			
35		S-12	b2	0	W = 60		ML	Dark gray SILT with sand (very soft, moist)
40								

Groundwater: Groundwater Not Encountered

Moisture Content (%) — Plastic Limit — Liquid Limit — 20 40 60 80
▲ SPT N-Value ▲ △ Non-Standard N-Value △ — 20 40 60 80
× Fines Content (%) × — 20 40 60 80

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1647022.01 6/27/22 Y:\1647\022.010\T\1647022.010.GPJ SOIL BORING LOG WITH GRAPH

LANDAU ASSOCIATES

Jones Road Bridge
Centralia, Washington

Log of Boring B-1

Figure 4 (1 of 2)

B-1

LAI Project No: 1647022.010

SAMPLE DATA | **SOIL PROFILE**

Drilling Method: Mud Rotary
Ground Elevation (ft): Not Measured
Drilled By: Holt Services
Logged By: LGL Date: 05/19/22

Depth (ft)	Elevation (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	Test Data	Graphic Symbol	USCS Symbol	Soil Description	Groundwater
40		S-13	b2	0	W = 60		MH	Gray SILT (very soft, moist)	Groundwater Not Encountered
		S-14	c3	0	W = 58 AL				
45		S-15	b2	0	W = 56				
50		S-16	b2	0	W = 52				
55		S-17	b2	17			SM	Gray, silty, fine SAND (medium dense, wet)	
60		S-18	b2	26				Grades to fine to medium with black layers of hard coal	
65		S-19	b2	50/ 4"			SM	Light gray, silty, fine to medium SAND (very dense, moist) **(MARINE SEDIMENTARY ROCK)**	
70		S-20	b2	50/ 4"					
75		S-21	b2	50/ 2"					
80									

Moisture Content (%) — Plastic Limit — Liquid Limit
20 40 60 80

▲ SPT N-Value ▲
△ Non-Standard N-Value △
20 40 60 80

× Fines Content (%) ×
20 40 60 80

50/ 4"
50/ 4"
50/ 2"

Boring Completed 05/19/22
Total Depth of Boring = 75.5 ft.

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1647022.01 6/27/22 Y:\1647\022.010\T\1647022.010.GPJ SOIL BORING LOG WITH GRAPH

LANDAU ASSOCIATES

Jones Road Bridge
Centralia, Washington

Log of Boring B-1

Figure 4 (2 of 2)

B-2

LAI Project No: 1647022.010

SAMPLE DATA | **SOIL PROFILE**

Drilling Method: Mud Rotary
Ground Elevation (ft): Not Measured
Drilled By: Holt Services
Logged By: LGL Date: 05/20/22

Depth (ft)	Elevation (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	Test Data	Graphic Symbol	USCS Symbol	Soil Description	Groundwater
0					AC			3 inches of asphalt over 8 inches of crushed gravel (medium dense, moist) **(FILL)**	Groundwater Not Encountered
							GP	Fill depth and composition based on boring B-1	
5							ML/ MH	Drilled to 50 ft bgs before sampling **(ALLUVIUM)**	
10									
15									
20									
25									
30									
35									
40									

Moisture Content (%)
Plastic Limit — Liquid Limit
20 40 60 80

▲ SPT N-Value ▲
△ Non-Standard N-Value △
20 40 60 80

× Fines Content (%) ×
20 40 60 80

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1647022.01 6/27/22 Y:\1647\022.010\T\1647022.010.GPJ SOIL BORING LOG WITH GRAPH

LANDAU ASSOCIATES

Jones Road Bridge
Centralia, Washington

Log of Boring B-2

Figure 5 (1 of 2)

B-2

LAI Project No: 1647022.010

SAMPLE DATA | **SOIL PROFILE**

Drilling Method: Mud Rotary
Ground Elevation (ft): Not Measured
Drilled By: Holt Services
Logged By: LGL Date: 05/20/22

Depth (ft)	Elevation (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	Test Data	Graphic Symbol	USCS Symbol	Soil Description	Groundwater
40							ML/ MH	Drilled to 50 ft bgs before sampling **(ALLUVIUM)**	Groundwater Not Encountered
45									
50		S-16	b2	2			MH	Gray SILT (very soft, moist)	
55		S-17	b2	5			SM	Gray, very silty, fine SAND (loose, wet)	
60		S-18	b2	20				Grades to fine to medium with black layers of hard coal and medium dense	
65		S-19	b2	50/ 4"			SM	Light gray, silty, fine to medium SAND (very dense, moist) **(MARINE SEDIMENTARY ROCK)**	
70		S-20	b2	50/ 5"					
75		S-21	b2	50/ 5"					

Boring Completed 05/20/22
Total Depth of Boring = 75.5 ft.

Moisture Content (%)
Plastic Limit — Liquid Limit
20 40 60 80

▲ SPT N-Value ▲
△ Non-Standard N-Value △
20 40 60 80

× Fines Content (%) ×
20 40 60 80

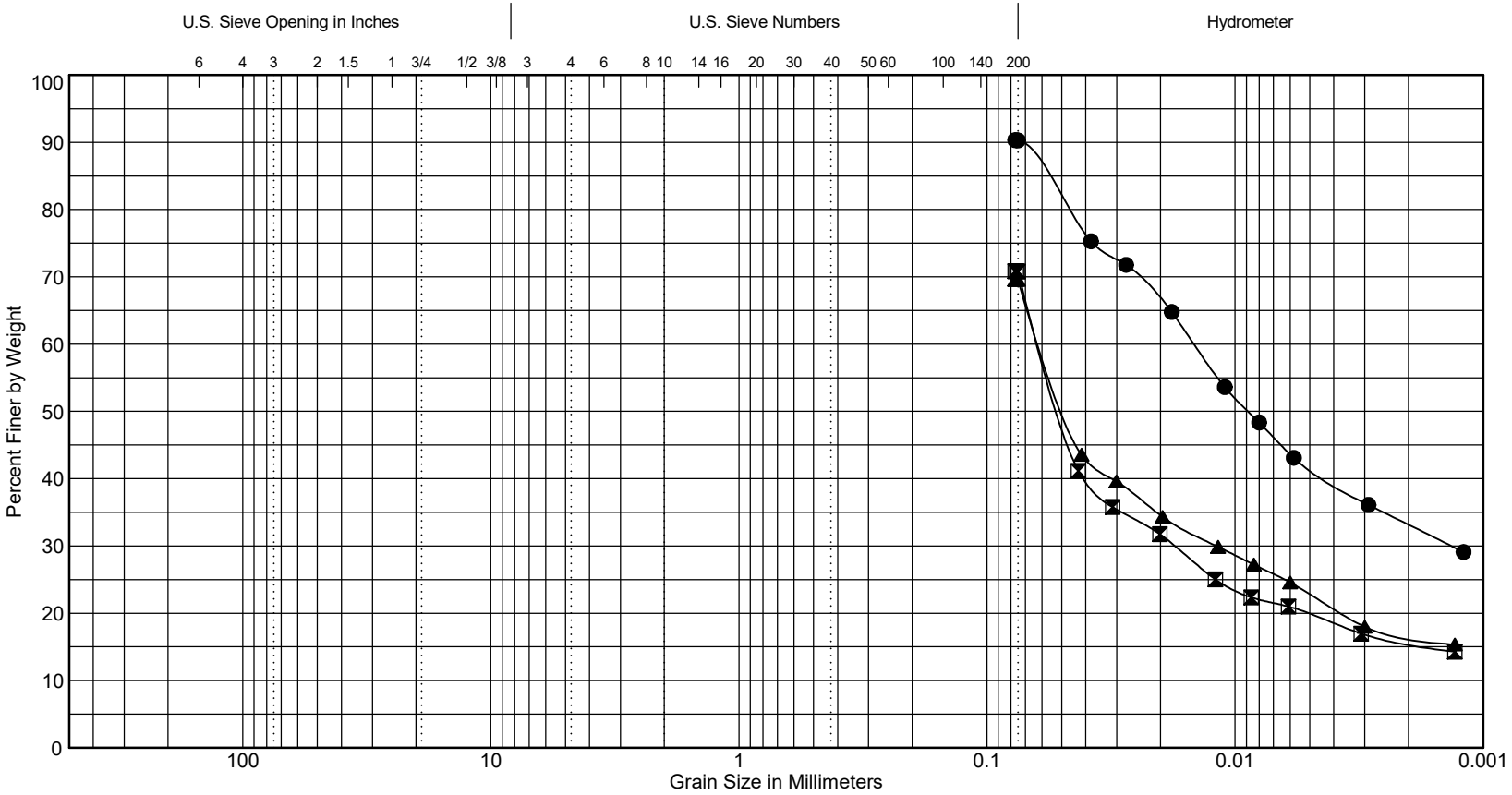
50/ 4"
50/ 5"
50/ 5"

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

1647022.01 6/27/22 Y:\1647\022.010\T\1647022.010.GPJ SOIL BORING LOG WITH GRAPH

LANDAU ASSOCIATES

Jones Road Bridge Centralia, Washington	Log of Boring B-2	Figure 5 (2 of 2)



Cobbles	Gravel		Sand			Silt or Clay
	Coarse	Fine	Coarse	Medium	Fine	

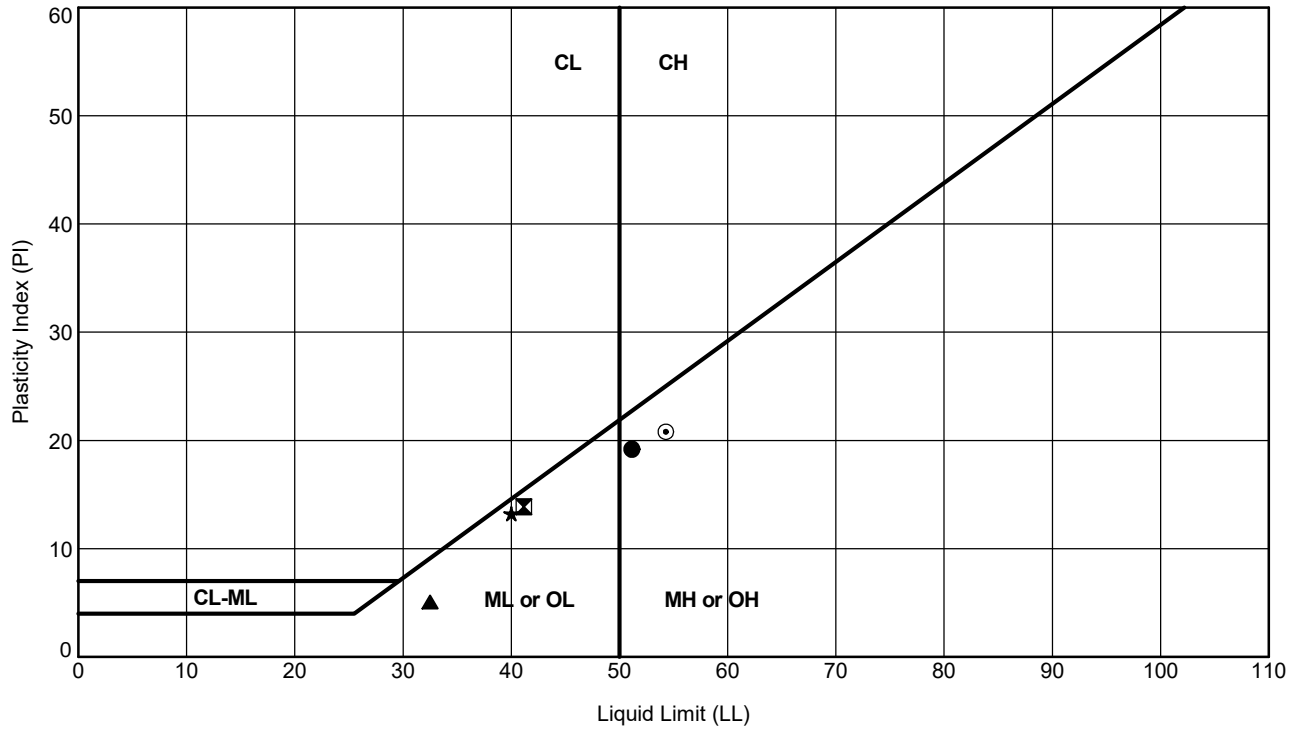
Symbol	Exploration Number	Sample Number	Depth (ft)	Natural Moisture (%)	Soil Description	Unified Soil Classification
●	B-1	S-3	7.5	44	Elastic SILT with sand	MH
⊠	B-1	S-8	17.5	41	Sandy SILT	ML
▲	B-1	S-10	25.0	35	Very sandy SILT	ML

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Jones Road Bridge
Centralia, Washington

Grain Size Distribution

Figure
6



ATTERBERG LIMIT TEST RESULTS

Symbol	Exploration Number	Sample Number	Depth (ft)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Natural Moisture (%)	Soil Description	Unified Soil Classification
●	B-1	S-3	7.5	51	32	19	44	Elastic SILT with sand	MH
⊠	B-1	S-5	11.8	41	27	14	43	SILT	ML
▲	B-1	S-8	17.5	32	27	5	41	Sandy SILT	ML
★	B-1	S-10	25.0	40	27	13	35	Very sandy SILT	ML
⊙	B-1	S-14	42.5	54	33	21	58	Elastic SILT	MH

ASTM D 4318 Test Method

1647022.01 6/27/22 Y:\1647\022.010\T\1647022.010.GPJ ATTERBERG LIMITS FIGURE

LANDAU ASSOCIATES

Jones Road Bridge Centralia, Washington	Plasticity Chart	Figure 7

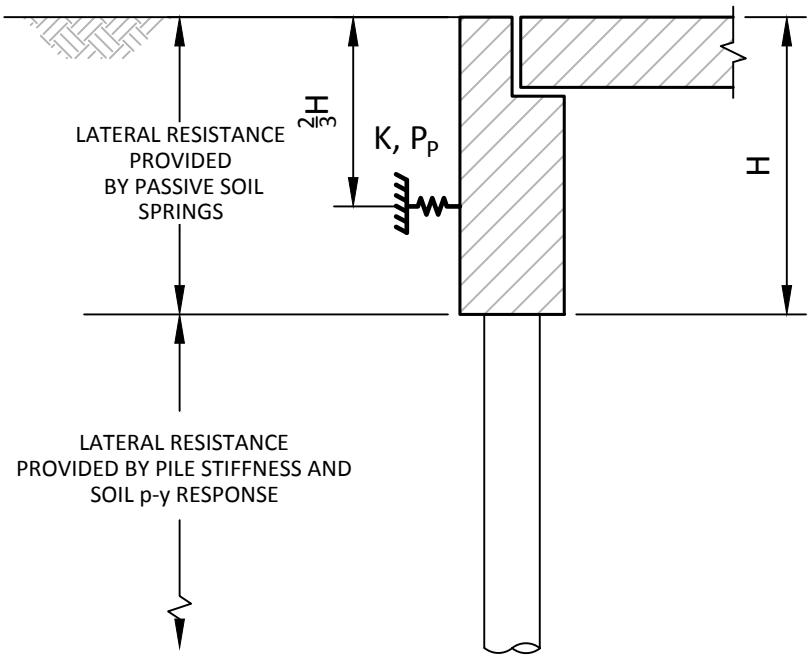


Table 1

	Value
K	50H
P_P	$0.501H^2$

Legend

K = Effective secant stiffness, see Table 1, kips per foot (ft) width of wall
P_P = Limiting passive resistance, see Table 1, kips per ft width of wall
H = Total exposed height of abutment wall, including scour depth, ft
WSDOT = Washington State Department of Transportation

Notes

1) Values presented above are based on the assumption that wall backfill within the passive pressure zone consists of Gravel Borrow compacted to 95 percent of the maximum dry density, in accordance with Sections 9-03.14(1) and 2-03.3(14)I of the *2022 WSDOT Standard Specifications.*
2) Passive spring coefficients were developed per Section 4.2.11 of the *Bridge Design Manual* (WSDOT 2020).
3) Effective secant stiffness (K) does not account for displacement of superstructure required to engage backwall (D_g, per the *Bridge Design Manual,* Equation 5.2.2.3-2).
4) The ultimate value presented above for K and P_P should be factored by 70 percent, per Section 4.2.11 of the *Bridge Design Manual* (WSDOT 2020).

Passive Soil Spring

LANDAU ASSOCIATES, INC. | O:\CAD\1647\022.010.011\Passive Spring.dwg "Figure 8" 6/27/2022

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Jones Road Bridge
Centralia, Washington

Abutment Resistance

Figure 8

APPENDIX B

WASHINGTON STATE PREVAILING WAGE RATES

INCLUDING:

State Wage Rates

Wage Rate Supplements

Wage Rate Benefit Codes

Federal Wage Rates

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 11/2/2026

Lewis County

Trade	Job Classification	Wage	Holiday	Overtime	Note
Asbestos Abatement Workers	Journey Level	$71.10	**5D**	**1H**	
Boilermakers	Journey Level	$80.89	**5N**	**1C**	
Brick Mason	Journey Level	$82.00	**7E**	**1N**	
Brick Mason	Pointer-Caulker-Cleaner	$82.00	**7E**	**1N**	
Building Service Employees	Janitor	$17.13		**1**	
Building Service Employees	Shampooer	$17.13		**1**	
Building Service Employees	Waxer	$17.13		**1**	

Building Service Employees	Window Cleaner	$17.13		**1**	
Cabinet Makers (In Shop)	Journey Level	$23.17		**1**	
Carpenters	Acoustical Worker	$87.71	**15J**	**11U**	
Carpenters	Bridge Dock and Wharf Carpenter	$89.38	**15J**	**11U**	**9L**
Carpenters	Floor Layer & Floor Finisher	$87.71	**15J**	**11U**	
Carpenters	General Carpenter	$87.71	**15J**	**11U**	
Carpenters	Scaffold Erector	$87.71	**15J**	**11U**	
Cement Masons	Application of all Composition Mastic	$86.70	**15J**	**4U**	
Cement Masons	Application of all Epoxy Material	$86.18	**15J**	**4U**	
Cement Masons	Application of all Plastic Material	$86.70	**15J**	**4U**	
Cement Masons	Application of Sealing Compound	$86.18	**15J**	**4U**	
Cement Masons	Application of Underlayment	$86.70	**15J**	**4U**	
Cement Masons	Building General	$86.18	**15J**	**4U**	
Cement Masons	Composition or Kalman Floors	$86.70	**15J**	**4U**	

Cement Masons	Concrete Paving	$86.18	**15J**	**4U**
Cement Masons	Curb & Gutter Machine	$86.70	**15J**	**4U**
Cement Masons	Curb & Gutter, Sidewalks	$86.18	**15J**	**4U**
Cement Masons	Curing Concrete	$86.18	**15J**	**4U**
Cement Masons	Finish Colored Concrete	$86.70	**15J**	**4U**
Cement Masons	Floor Grinding	$86.70	**15J**	**4U**
Cement Masons	Floor Grinding/Polisher	$86.18	**15J**	**4U**
Cement Masons	Green Concrete Saw, self-powered	$86.70	**15J**	**4U**
Cement Masons	Grouting of all Plates	$86.18	**15J**	**4U**
Cement Masons	Grouting of all Tilt-up Panels	$86.18	**15J**	**4U**
Cement Masons	Gunite Nozzleman	$86.70	**15J**	**4U**
Cement Masons	Hand Powered Grinder	$86.70	**15J**	**4U**
Cement Masons	Journey Level	$86.18	**15J**	**4U**
Cement Masons	Patching Concrete	$86.18	**15J**	**4U**
Cement Masons	Pneumatic Power Tools	$86.70	**15J**	**4U**
Cement Masons	Power Chipping & Brushing	$86.70	**15J**	**4U**

Cement Masons	Sand Blasting Architectural Finish	$86.70	**15J**	**4U**	
Cement Masons	Screed & Rodding Machine	$86.70	**15J**	**4U**	
Cement Masons	Spackling or Skim Coat Concrete	$86.18	**15J**	**4U**	
Cement Masons	Troweling Machine Operator	$86.70	**15J**	**4U**	
Cement Masons	Troweling Machine Operator on Colored Slabs	$86.70	**15J**	**4U**	
Cement Masons	Tunnel Workers	$86.70	**15J**	**4U**	
Divers & Tenders	Bell/Vehicle/Submersible Operator (not under pressure)	$149.22	**15J**	**11T**	**9I**
Divers & Tenders	Dive Supervisor	$150.72	**15J**	**11T**	**9I**
Divers & Tenders	Diver	$149.22	**15J**	**11T**	**9I**
Divers & Tenders	Diver Tender	$95.55	**15J**	**11T**	**9I**
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	$120.22	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 30.01-44.00 PSI	$130.16	**15J**	**11U**	

Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	$140.11	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	$150.05	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	$160.00	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	$169.94	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	$179.88	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	$189.83	**15J**	**11U**	
Divers & Tenders	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	$199.77	**15J**	**11U**	
Divers & Tenders	Lead Diver (Dive Master)	$110.01	**15J**	**11T**	**9I**
Divers & Tenders	Manifold Operator (Life Support Technician)	$100.55	**15J**	**11U**	**9I**
Divers & Tenders	Remote Operated Vehicle Operator/Technician	$95.55	**15J**	**11T**	**9I**

Divers & Tenders	Remote Operated Vehicle Operator/Technician	$95.55	**15J**	**11U**	**9I**
Divers & Tenders	Remote Operated Vehicle Tender	$89.25	**15J**	**11T**	**9I**
Divers & Tenders	Stand-by Diver	$105.01	**15J**	**11T**	**9I**
Dredge Workers	Assistant Engineer	$93.71	**15Q**	**3F**	
Dredge Workers	Assistant Mate (Deckhand)	$92.99	**15Q**	**3F**	
Dredge Workers	Boatmen	$93.71	**15Q**	**3F**	
Dredge Workers	Engineer Welder	$95.52	**15Q**	**3F**	
Dredge Workers	Leverman, Hydraulic	$97.45	**15Q**	**3F**	
Dredge Workers	Mates	$93.71	**15Q**	**3F**	
Dredge Workers	Oiler	$92.99	**15Q**	**3F**	
Drywall Applicator	Journey Level	$84.77	**15O**	**11S**	
Drywall Tapers	Journey Level	$84.77	**15O**	**11S**	
Electrical Fixture Maintenance Workers	Journey Level	$17.13		**1**	
Electricians - Inside	Cable Splicer	$104.37	**5C**	**1G**	
Electricians - Inside	Journey Level	$97.32	**5C**	**1G**	

Electricians - Inside	Lead Covered Cable Splicer	$111.40	**5C**	**1G**	
Electricians - Inside	Welder	$104.37	**5C**	**1G**	
Electricians - Motor Shop	Craftsman	$17.13		**1**	
Electricians - Motor Shop	Journey Level	$17.13		**1**	
Electricians - Powerline Construction	Cable Splicer	$107.31	**5A**	**4D**	
Electricians - Powerline Construction	Certified Line Welder	$98.45	**5A**	**4D**	
Electricians - Powerline Construction	Groundperson	$61.75	**5A**	**4D**	
Electricians - Powerline Construction	Heavy Line Equipment Operator	$98.45	**5A**	**4D**	
Electricians - Powerline Construction	Journey Level Lineperson	$98.45	**5A**	**4D**	
Electricians - Powerline Construction	Line Equipment Operator	$84.94	**5A**	**4D**	
Electricians - Powerline Construction	Meter Installer	$61.75	**5A**	**4D**	**8W**
Electricians - Powerline Construction	Pole Sprayer	$98.45	**5A**	**4D**	
Electricians - Powerline Construction	Powderperson	$72.81	**5A**	**4D**	

Electronic Technicians	Journey Level	$64.34	**6Z**	**1B**	
Elevator Constructors	Mechanic	$119.17	**7D**	**4A**	
Elevator Constructors	Mechanic In Charge	$128.95	**7D**	**4A**	
Fabricated Precast Concrete Products	Journey Level	$17.13		**1**	
Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	$17.13		**1**	
Fence Erectors	Fence Erector	$60.82	**15J**	**11X**	**9N**
Fence Erectors	Fence Laborer	$60.82	**15J**	**11X**	**9N**
Flaggers	Journey Level	$60.82	**15J**	**11X**	**9N**
Glaziers	Journey Level	$88.41	**7L**	**1Y**	
Heat & Frost Insulators And Asbestos Workers	Journey Level	$100.83	**15H**	**11C**	
Heating Equipment Mechanics	Journey Level	$107.92	**7F**	**1E**	
Hod Carriers & Mason Tenders	Journey Level	$75.00	**15J**	**11X**	**9N**
Industrial Power Vacuum Cleaner	Journey Level	$17.13		**1**	
Inland Boatmen	Boat Operator	$71.28	**5B**	**1K**	
Inland Boatmen	Cook	$69.70	**5B**	**1K**	

Inland Boatmen	Deckhand	$70.00	**5B**	**1K**
Inland Boatmen	Deckhand Engineer	$69.55	**5B**	**1K**
Inland Boatmen	Launch Operator	$71.23	**5B**	**1K**
Inland Boatmen	Mate	$89.12	**5B**	**1K**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	CCTV Head Operator	$56.10	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	CCTV Operator	$53.00	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	CCTV Technician	$49.90	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner	$58.16	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Assistant	$50.93	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Combo Unit	$58.16	**15M**	**11O**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Combo Unit Assistant	$50.93	**15M**	**11O**

Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Foamer	$58.16	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Foamer Assistant	$50.93	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	$58.16	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator Assistant	$50.93	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Hydrovac	$58.16	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Hydrovac Assistant	$50.93	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Jetter/Flusher	$58.16	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Jetter/Flusher Assistant	$50.93	**15M**	**110**
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Skid Steer	$50.93	**15M**	**110**

Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Sweeper/Broom Operator	$49.90	**15M**	**11O**	
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Water Truck	$49.90	**15M**	**11O**	
Insulation Applicators	Journey Level	$87.71	**15J**	**11U**	
Ironworkers	Journeyman	$94.82	**15K**	**11N**	
Laborers	Air, Gas Or Electric Vibrating Screed	$71.10	**15J**	**11X**	**9N**
Laborers	Airtrac Drill Operator	$73.18	**15J**	**11X**	**9N**
Laborers	Ballast Regular Machine	$71.10	**15J**	**11X**	**9N**
Laborers	Batch Weighman	$60.82	**15J**	**11X**	**9N**
Laborers	Brick Pavers	$71.10	**15J**	**11X**	**9N**
Laborers	Brush Cutter	$71.10	**15J**	**11X**	**9N**
Laborers	Brush Hog Feeder	$71.10	**15J**	**11X**	**9N**
Laborers	Burner	$71.10	**15J**	**11X**	**9N**
Laborers	Caisson Worker	$73.18	**15J**	**11X**	**9N**
Laborers	Carpenter Tender	$71.10	**15J**	**11X**	**9N**
Laborers	Cement Dumper-paving	$73.18	**15J**	**11X**	**9N**

Laborers	Cement Finisher Tender	$71.10	**15J**	**11X**	**9N**
Laborers	Change House Or Dry Shack	$71.10	**15J**	**11X**	**9N**
Laborers	Chipping Gun (30 Lbs. And Over)	$72.33	**15J**	**11X**	**9N**
Laborers	Chipping Gun (Under 30 Lbs.)	$71.10	**15J**	**11X**	**9N**
Laborers	Choker Setter	$71.10	**15J**	**11X**	**9N**
Laborers	Chuck Tender	$71.10	**15J**	**11X**	**9N**
Laborers	Clary Power Spreader	$72.33	**15J**	**11X**	**9N**
Laborers	Clean-up Laborer	$71.10	**15J**	**11X**	**9N**
Laborers	Concrete Dumper/Chute Operator	$73.18	**15J**	**11X**	**9N**
Laborers	Concrete Form Stripper	$71.10	**15J**	**11X**	**9N**
Laborers	Concrete Placement Crew	$73.18	**15J**	**11X**	**9N**
Laborers	Concrete Saw Operator/Core Driller	$72.33	**15J**	**11X**	**9N**
Laborers	Crusher Feeder	$60.82	**15J**	**11X**	**9N**
Laborers	Curing Laborer	$71.10	**15J**	**11X**	**9N**
Laborers	Demolition: Wrecking & Moving (Incl. Charred	$71.10	**15J**	**11X**	**9N**

	Material)				
Laborers	Ditch Digger	$71.10	**15J**	**11X**	**9N**
Laborers	Diver	$73.18	**15J**	**11X**	**9N**
Laborers	Drill Operator (Hydraulic, Diamond)	$72.33	**15J**	**11X**	**9N**
Laborers	Dry Stack Walls	$71.10	**15J**	**11X**	**9N**
Laborers	Dump Person	$71.10	**15J**	**11X**	**9N**
Laborers	Epoxy Technician	$71.10	**15J**	**11X**	**9N**
Laborers	Erosion Control Worker	$71.10	**15J**	**11X**	**9N**
Laborers	Faller & Bucker Chain Saw	$72.33	**15J**	**11X**	**9N**
Laborers	Fine Graders	$71.10	**15J**	**11X**	**9N**
Laborers	Firewatch	$60.82	**15J**	**11X**	**9N**
Laborers	Form Setter	$73.18	**15J**	**11X**	**9N**
Laborers	Gabian Basket Builders	$71.10	**15J**	**11X**	**9N**
Laborers	General Laborer	$71.10	**15J**	**11X**	**9N**
Laborers	Grade Checker & Transit Person	$75.00	**15J**	**11X**	**9N**
Laborers	Grinders	$71.10	**15J**	**11X**	**9N**
Laborers	Grout Machine Tender	$71.10	**15J**	**11X**	**9N**

Laborers	Groutmen (Pressure) Including Post Tension Beams	$72.33	**15J**	**11X**	**9N**
Laborers	Guardrail Erector	$71.10	**15J**	**11X**	**9N**
Laborers	Hazardous Waste Worker (Level A)	$73.18	**15J**	**11X**	**9N**
Laborers	Hazardous Waste Worker (Level B)	$72.33	**15J**	**11X**	**9N**
Laborers	Hazardous Waste Worker (Level C)	$71.10	**15J**	**11X**	**9N**
Laborers	High Scaler	$73.18	**15J**	**11X**	**9N**
Laborers	Jackhammer	$72.33	**15J**	**11X**	**9N**
Laborers	Laserbeam Operator	$72.33	**15J**	**11X**	**9N**
Laborers	Maintenance Person	$71.10	**15J**	**11X**	**9N**
Laborers	Manhole Builder-Mudman	$72.33	**15J**	**11X**	**9N**
Laborers	Material Yard Person	$71.10	**15J**	**11X**	**9N**
Laborers	Mold Abatement Worker	$71.10	**15J**	**11X**	**9N**
Laborers	Motorman-Dinky Locomotive	$75.05	**15J**	**11X**	**9N**
Laborers	nozzleman (concrete pump, green cutter when using combination of high	$75.00	**15J**	**11X**	**9N**

	pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)				
Laborers	Pavement Breaker	$72.33	**15J**	**11X**	**9N**
Laborers	Pilot Car	$60.82	**15J**	**11X**	**9N**
Laborers	Pipe Layer (Lead)	$75.00	**15J**	**11X**	**9N**
Laborers	Pipe Layer/Tailor	$72.33	**15J**	**11X**	**9N**
Laborers	Pipe Pot Tender	$72.33	**15J**	**11X**	**9N**
Laborers	Pipe Reliner	$72.33	**15J**	**11X**	**9N**
Laborers	Pipe Wrapper	$72.33	**15J**	**11X**	**9N**
Laborers	Pot Tender	$71.10	**15J**	**11X**	**9N**
Laborers	Powderman	$73.18	**15J**	**11X**	**9N**
Laborers	Powderman's Helper	$71.10	**15J**	**11X**	**9N**
Laborers	Power Jacks	$72.33	**15J**	**11X**	**9N**
Laborers	Power Washer	$71.10	**15J**	**11X**	**9N**
Laborers	Railroad Spike Puller - Power	$72.33	**15J**	**11X**	**9N**
Laborers	Raker - Asphalt	$75.00	**15J**	**11X**	**9N**

Laborers	Re-timberman	$73.18	**15J**	**11X**	**9N**
Laborers	Remote Equipment Operator	$72.33	**15J**	**11X**	**9N**
Laborers	Rigger/Signal Person	$72.33	**15J**	**11X**	**9N**
Laborers	Rip Rap Person	$71.10	**15J**	**11X**	**9N**
Laborers	Rivet Buster	$72.33	**15J**	**11X**	**9N**
Laborers	Rodder	$73.18	**15J**	**11X**	**9N**
Laborers	Scaffold Erector	$71.10	**15J**	**11X**	**9N**
Laborers	Scale Person	$71.10	**15J**	**11X**	**9N**
Laborers	Sloper (Over 20")	$72.33	**15J**	**11X**	**9N**
Laborers	Sloper Sprayer	$71.10	**15J**	**11X**	**9N**
Laborers	Spreader (Concrete)	$73.18	**15J**	**11X**	**9N**
Laborers	Stake Hopper	$71.10	**15J**	**11X**	**9N**
Laborers	Stock Piler	$71.10	**15J**	**11X**	**9N**
Laborers	Swinging Stage/Boatswain Chair	$60.82	**15J**	**11X**	**9N**
Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	$72.33	**15J**	**11X**	**9N**
Laborers	Tamper (Multiple & Self-propelled)	$72.33	**15J**	**11X**	**9N**

Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	$72.33	**15J**	**11X**	**9N**
Laborers	Toolroom Person (at Jobsite)	$71.10	**15J**	**11X**	**9N**
Laborers	Topper	$71.10	**15J**	**11X**	**9N**
Laborers	Track Laborer	$71.10	**15J**	**11X**	**9N**
Laborers	Track Liner (Power)	$72.33	**15J**	**11X**	**9N**
Laborers	Traffic Control Laborer	$64.78	**15J**	**11X**	**9P**
Laborers	Traffic Control Supervisor	$68.42	**15J**	**11P**	**9C**
Laborers	Traffic Control Supervisor	$68.42	**15J**	**11X**	**9P**
Laborers	Truck Mounted Attenuator	$64.78	**15J**	**11X**	**9P**
Laborers	Truck Spotter	$71.10	**15J**	**11X**	**9N**
Laborers	Tugger Operator	$72.33	**15J**	**11X**	**9N**
Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	$254.08	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	$259.24	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	$263.01	**15J**	**11X**	**9Q**

Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	$268.85	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	$271.02	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	$276.25	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	$278.20	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	$280.25	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	$282.30	**15J**	**11X**	**9Q**
Laborers	Tunnel Work-Guage and Lock Tender	$75.05	**15J**	**11X**	**9N**
Laborers	Tunnel Work-Miner	$75.05	**15J**	**11X**	**9N**
Laborers	Vibrator	$73.18	**15J**	**11X**	**9N**
Laborers	Vinyl Seamer	$71.10	**15J**	**11X**	**9N**
Laborers	Watchman	$55.62	**15J**	**11X**	**9N**

Laborers	Welder	$72.33	**15J**	**11X**	**9N**
Laborers	Well Point Laborer	$72.33	**15J**	**11X**	**9N**
Laborers	Window Washer/Cleaner	$55.62	**15J**	**11X**	**9N**
Laborers - Underground Sewer & Water	General Laborer & Topman	$71.10	**15J**	**11X**	**9N**
Laborers - Underground Sewer & Water	Pipe Layer	$72.33	**15J**	**11X**	**9N**
Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	$55.62	**15J**	**11X**	**9N**
Landscape Construction	Landscape Operator	$91.98	**15J**	**3K**	**8X**
Landscape Maintenance	Groundskeeper	$17.13		**1**	
Lathers	Journey Level	$84.77	**15O**	**11S**	
Marble Setters	Journey Level	$82.00	**7E**	**1N**	
Metal Fabrication (In Shop)	Fitter	$17.13		**1**	
Metal Fabrication (In Shop)	Laborer	$17.13		**1**	
Metal Fabrication (In Shop)	Machine Operator	$17.13		**1**	
Metal Fabrication (In Shop)	Painter	$17.13		**1**	
Metal Fabrication (In Shop)	Welder	$17.13		**1**	

Millwright	Journey Level	$80.28	**15J**	**4C**	
Modular Buildings	Cabinet Assembly	$17.13		**1**	
Modular Buildings	Electrician	$17.13		**1**	
Modular Buildings	Equipment Maintenance	$17.13		**1**	
Modular Buildings	Plumber	$17.13		**1**	
Modular Buildings	Production Worker	$17.13		**1**	
Modular Buildings	Tool Maintenance	$17.13		**1**	
Modular Buildings	Utility Person	$17.13		**1**	
Modular Buildings	Welder	$17.13		**1**	
Painters	Journey Level	$58.84	**6Z**	**11J**	
Pile Driver	Crew Tender	$80.50	**15J**	**11U**	**9L**
Pile Driver	Journey Level	$89.43	**15J**	**11U**	
Plasterers	Journey Level	$81.34	**7Q**	**1R**	
Plasterers	Nozzleman	$85.44	**7Q**	**1R**	
Playground & Park Equipment Installers	Journey Level	$17.13		**1**	
Plumbers & Pipefitters	Journey Level	$99.87	**5A**	**1G**	

Power Equipment Operators	Asphalt Plant Operator	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Assistant Engineer	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators	Barrier Machine (zipper)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Batch Plant Operator: Concrete	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Bobcat	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Brokk - Remote Demolition Equipment	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Brooms	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Bump Cutter	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Cableways	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Chipper	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Compressor	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	$93.51	**15J**	**3K**	**8X**

Power Equipment Operators	Concrete Finish Machine - laser Screed	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Conveyors	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Cranes Friction: 200 tons and over	$95.09	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes, A-frame: 10 tons and under	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	$91.46	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$94.16	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including	$95.09	**7A**	**11H**	**8X**

	jib with attachments				
Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: Friction cranes through 199 tons	$94.16	**7A**	**11H**	**8X**
Power Equipment Operators	Cranes: through 19 tons with attachments, A-frame over 10 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Crusher	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Deck Engineer/deck Winches (power)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Derricks: on building work	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators	Dozers D-9 & Under	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Drilling Machine	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators	Elevator and man-lift: permanent and shaft type	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar	$92.69	**15J**	**3K**	**8X**

	Equipment				
Power Equipment Operators	Forklift: 3000 lbs and over with attachments	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Forklifts: under 3000 lbs. with attachments	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets,etc.	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Gradechecker/stakeman	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Guardrail punch/Auger	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Horizontal/directional Drill Locator	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Horizontal/directional Drill Operator	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	$86.78	**7A**	**11H**	**8X**

Power Equipment Operators	Hydralifts/boom trucks: over 10 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Loader, Overhead 8 Yards. & Over	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Loaders, Overhead Under 6 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Loaders, Plant Feed	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Loaders: Elevating Type Belt	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Locomotives, All	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Material Transfer Device	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Mechanics: all (Leadmen - $0.50 per hour over mechanic)	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators	Motor patrol graders	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch	$87.93	**15J**	**3K**	**8X**

	Seeding Operator				
Power Equipment Operators	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Overhead, bridge type Crane: 20 tons through 44 tons	$91.46	**7A**	**11H**	**8X**
Power Equipment Operators	Overhead, bridge type: 100 tons and over	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators	Pavement Breaker	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Pile Driver (other Than Crane Mount)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Plant Oiler - Asphalt, Crusher	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Posthole Digger, Mechanical	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Power Plant	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Pumps - Water	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Quad 9, HD 41, D10 And Over	$93.51	**15J**	**3K**	**8X**

Power Equipment Operators	Quick Tower: no cab, under 100 feet in height based to boom	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Rigger and Bellman	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Rollagon	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Roller, Other Than Plant Mix	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Roto-mill, Roto-grinder	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Saws - Concrete	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Scrapers - Concrete & Carry All	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	$93.51	**15J**	**3K**	**8X**

Power Equipment Operators	Service Engineers: equipment	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Shotcrete/gunite Equipment	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$95.44	**15J**	**3K**	**8X**
Power Equipment Operators	Slipform Pavers	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Spreader, Topsider & Screedman	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Subgrader Trimmer	$92.69	**15J**	**3K**	**8X**

Power Equipment Operators	Tower Bucket Elevators	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	$94.16	**7A**	**11H**	**8X**
Power Equipment Operators	Tower crane: up to 175' in height base to boom	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators	Tower Cranes: over 250' in height from base to boom.	$95.09	**7A**	**11H**	**8X**
Power Equipment Operators	Transporters, All Track Or Truck Type	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators	Trenching Machines	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators	Truck Crane Oiler/Driver: 100 tons and over	$91.46	**7A**	**11H**	**8X**
Power Equipment Operators	Truck crane oiler/driver: under 100 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators	Truck Mount Portable Conveyor	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Vac Truck (Vactor Guzzler, Hydro Excavator)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators	Welder	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators	Wheel Tractors, Farmall Type	$87.93	**15J**	**3K**	**8X**

Power Equipment Operators	Yo Yo Pay Dozer	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operator	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator: Concrete	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Bobcat	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Brooms	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Bump Cutter	$92.69	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Cableways	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Chipper	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Compressor	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine - laser Screed	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Conveyors	$91.98	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Cranes Friction: 200 tons and over	$95.09	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes, A-frame: 10 tons and under	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: 20 tons through 44 tons with attachments	$91.46	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$94.16	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	$95.09	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	$94.16	**7A**	**11H**	**8X**

Power Equipment Operators- Underground Sewer & Water	Cranes: through 19 tons with attachments, A-frame over 10 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Crusher	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Deck Engineer/deck Winches (power)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Derricks: on building work	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Drilling Machine	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Elevator and man-lift: permanent and shaft type	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	$92.69	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 lbs and over with attachments	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Forklifts: under 3000 lbs. with attachments	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets,etc.	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Gradechecker/stakeman	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Guardrail punch/Auger	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Locator	$91.98	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Horizontal/directional Drill Operator	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: 10 tons and under	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: over 10 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Loaders, Overhead Under 6 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Loaders, Plant Feed	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Loaders: Elevating Type Belt	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Locomotives, All	$92.69	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Material Transfer Device	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Mechanics: all (Leadmen - $0.50 per hour over mechanic)	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Motor patrol graders	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Outside Hoists (elevators and manlifts), Air Tuggers, Strato	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type Crane: 20 tons through 44 tons	$91.46	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 100 tons and over	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Overhead, bridge type: 45 tons through 99 tons	$92.28	**7A**	**11H**	**8X**

Power Equipment Operators- Underground Sewer & Water	Pavement Breaker	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Pile Driver (other Than Crane Mount)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Posthole Digger, Mechanical	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Power Plant	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Pumps - Water	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Quad 9, HD 41, D10 And Over	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Quick Tower: no cab, under 100 feet in height based to boom	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	$93.51	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Rigger and Bellman	$86.78	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman(Certified)	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Rollagon	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	$91.98	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Service Engineers: equipment	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shotcrete/gunite Equipment	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$94.48	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$95.44	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	$93.51	**15J**	**3K**	**8X**

Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	$94.16	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Tower crane: up to 175' in height base to boom	$93.21	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom.	$95.09	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	$93.51	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Trenching Machines	$91.98	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and over	$91.46	**7A**	**11H**	**8X**

Power Equipment Operators- Underground Sewer & Water	Truck crane oiler/driver: under 100 tons	$90.76	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Vac Truck (Vactor Guzzler, Hydro Excavator)	$92.69	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Welder	$92.28	**7A**	**11H**	**8X**
Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	$87.93	**15J**	**3K**	**8X**
Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	$92.69	**15J**	**3K**	**8X**
Power Line Clearance Tree Trimmers	Journey Level In Charge	$69.62	**5A**	**4A**	
Power Line Clearance Tree Trimmers	Spray Person	$65.89	**5A**	**4A**	
Power Line Clearance Tree Trimmers	Tree Equipment Operator	$69.62	**5A**	**4A**	
Power Line Clearance Tree Trimmers	Tree Trimmer	$62.19	**5A**	**4A**	

Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	$45.73	**5A**	**4A**
Refrigeration & Air Conditioning Mechanics	Journey Level	$106.46	**5A**	**1G**
Residential Brick Mason	Journey Level	$21.96		**1**
Residential Carpenters	Journey Level	$28.63		**1**
Residential Cement Masons	Journey Level	$17.13		**1**
Residential Drywall Applicators	Journey Level	$42.56		**1**
Residential Drywall Tapers	Journey Level	$30.60		**1**
Residential Electricians	Journey Level	$57.29	**6Z**	**1B**
Residential Glaziers	Journey Level	$30.99		**1**
Residential Insulation Applicators	Journey Level	$34.81		**1**
Residential Laborers	Journey Level	$23.10		**1**
Residential Marble Setters	Journey Level	$21.96		**1**
Residential Painters	Journey Level	$22.76		**1**
Residential Plumbers & Pipefitters	Journey Level	$30.02		**1**
Residential Refrigeration & Air Conditioning Mechanics	Journey Level	$37.18		**1**

Residential Sheet Metal Workers	Journey Level	$33.28		**1**	
Residential Soft Floor Layers	Journey Level	$21.22		**1**	
Residential Sprinkler Fitters (Fire Protection)	Journey Level	$22.92		**1**	
Residential Stone Masons	Journey Level	$21.96		**1**	
Residential Terrazzo Workers	Journey Level	$17.13		**1**	
Residential Terrazzo/Tile Finishers	Journey Level	$17.13		**1**	
Residential Tile Setters	Journey Level	$17.13		**1**	
Roofers	Journey Level	$70.70	**5A**	**3H**	
Roofers	Using Irritable Bituminous Materials	$73.70	**5A**	**3H**	
Sheet Metal Workers	Journey Level (Field or Shop)	$107.92	**7F**	**1E**	
Sign Makers & Installers (Electrical)	Journey Level	$18.04		**1**	
Sign Makers & Installers (Non-Electrical)	Journey Level	$71.10	**15J**	**11X**	**9N**
Soft Floor Layers	Journey Level	$70.17	**15J**	**4C**	
Solar Controls For Windows	Journey Level	$17.13		**1**	

Sprinkler Fitters (Fire Protection)	Journey Level	$83.61	**7J**	**1R**	
Stage Rigging Mechanics (Non Structural)	Journey Level	$17.13		**1**	
Stone Masons	Journey Level	$82.00	**7E**	**1N**	
Street And Parking Lot Sweeper Workers	Journey Level	$17.13		**1**	
Surveyors	Assistant Construction Site Surveyor	$90.76	**7A**	**11H**	**8X**
Surveyors	Chainman	$86.78	**7A**	**11H**	**8X**
Surveyors	Construction Site Surveyor	$92.28	**7A**	**11H**	**8X**
Surveyors	Drone Operator (when used in conjunction with surveying work only)	$86.78	**7A**	**11H**	**8X**
Surveyors	Ground Penetrating Radar	$86.78	**7A**	**11H**	**8X**
Telecommunication Technicians	Journey Level	$64.34	**6Z**	**1B**	
Telephone Line Construction - Outside	Cable Splicer	$42.62	**5A**	**2B**	
Telephone Line Construction - Outside	Hole Digger/Ground Person	$27.97	**5A**	**2B**	
Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	$35.60	**5A**	**2B**	

Telephone Line Construction - Outside	Telephone Lineperson	$40.28	**5A**	**2B**
Terrazzo Workers	Journey Level	$73.71	**7E**	**1N**
Tile Setters	Journey Level	$71.71	**7E**	**1N**
Tile, Marble & Terrazzo Finishers	Finisher	$62.54	**7E**	**1N**
Traffic Control Stripers	All cleanup required in connection with traffic control stripers work (Group 1)	$98.49	**15L**	**1K**
Traffic Control Stripers	Handling, painting and installing of all car stops, stop signs and any other type sign (Group 2)	$62.69	**15L**	**1K**
Traffic Control Stripers	Installation of guard rail and posts and similar protective devices (Group 2)	$62.69	**15L**	**1K**
Traffic Control Stripers	Installation of parking gates, ticket spitters and other mechanical and automatic control devices (Group 2)	$62.69	**15L**	**1K**
Traffic Control Stripers	Installation of plastic metal or composition button, or lines used instead of paint (Group 1)	$98.49	**15L**	**1K**

Traffic Control Stripers	Line removal; chemical sand and hydro-blast, paint and button (Group 1)	$98.49	**15L**	**1K**	
Traffic Control Stripers	Manufacturing and installation of all car stops and control devices and similar traffic regulators (Group 2)	$62.69	**15L**	**1K**	
Traffic Control Stripers	Manufacturing, painting, stenciling, servicing, repairing, placing and removal of traffic safety and control devices/barricades (Group 2)	$62.69	**15L**	**1K**	
Traffic Control Stripers	Painting and installing lines, arrows, bumpers, curbs, etc., on parking lots, air fields, highways, game courts (Group 1)	$98.49	**15L**	**1K**	
Traffic Control Stripers	Preparation and maintenance of all surfaces (Group 1)	$98.49	**15L**	**1K**	
Traffic Control Stripers	Seal coating, slurry coating and other surface protection (Group 2)	$62.69	**15L**	**1K**	
Truck Drivers	Asphalt Mix Over 16 Yards	$86.20	**15J**	**11M**	**8L**

Truck Drivers	Asphalt Mix To 16 Yards	$85.36	**15J**	**11M**	**8L**
Truck Drivers	Dump Truck	$85.36	**15J**	**11M**	**8L**
Truck Drivers	Dump Truck & Trailer	$86.20	**15J**	**11M**	**8L**
Truck Drivers	Other Trucks	$86.20	**15J**	**11M**	**8L**
Truck Drivers - Ready Mix	Transit Mix	$86.20	**15J**	**11M**	**8L**
Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	$18.18		**1**	
Well Drillers & Irrigation Pump Installers	Oiler	$17.13		**1**	
Well Drillers & Irrigation Pump Installers	Well Driller	$18.00		**1**	

Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

WSDOT's
Predetermined List for
Suppliers - Manufactures - Fabricator

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

	ITEM DESCRIPTION	YES	NO
1.	Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		X
2.	Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		X
3.	Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		X
4.	Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		X
5.	Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		X
6.	Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		X
7.	Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		X

	ITEM DESCRIPTION	YES	NO
8.	Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		X
9.	Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	X	
10.	Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
11.	Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	X	
12.	Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13.	Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14.	Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15.	Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16.	Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

	ITEM DESCRIPTION	YES	NO
17.	Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18.	Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19.	Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20.	Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21.	Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting.		X
22.	Vault Risers - For use with Valve Vaults and Utilities Vaults.		X
23.	Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24.	Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25.	Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26.	Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

	ITEM DESCRIPTION	YES	NO
27.	Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
28.	12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials To be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
29.	Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
30.	Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
31.	Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has Annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
32.	Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
33.	Monument Case and Cover See Std. Plan.		X

	ITEM DESCRIPTION	YES	NO
34.	Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
35.	Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	X	
36.	Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel Structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
37.	Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38.	Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
39.	Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Specia Provisions for pre-approved drawings.	X	
40.	Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	X	
41.	Precast Concrete Sloped Mountable Curb (Single and Dual Faced) See Std. Plans.		X

	ITEM DESCRIPTION	YES	NO
42.	Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and luminum sheeting. **NOTE:** *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed.	X	X
		Custom Message	Std Signing Message
43.	Cutting & bending reinforcing steel		X
44.	Guardrail components	X	X
		Custom End Sec	Standard Sec
45.	Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46.	Asphalt	Covered by WAC 296-127-018	
47.	Fiber fabrics		X
48.	Electrical wiring/components		X
49.	treated or untreated timber pile		X
50.	Girder pads (elastomeric bearing)	X	
51.	Standard Dimension lumber		X
52.	Irrigation components		X

ITEM DESCRIPTION	YES	NO
53. Fencing materials		X
54. Guide Posts		X
55. Traffic Buttons		X
56. Epoxy		X
57. Cribbing		X
58. Water distribution materials		X
59. Steel "H" piles		X
60. Steel pipe for concrete pile casings, standard		X
Steel pipe for concrete pile casings, custom	X	
61. Steel pile tips, standard		X
62. Steel pile tips, custom	X	

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW 39.12.010
(The definition of "locality" in RCW 39.12.010(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.
The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.
When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.,) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

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Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.

J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.

K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

1. N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

   O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.

   P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

   Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.

   R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.

   U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

   V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.

   X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.

   Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.

   Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

   F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.

   M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

   R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.

   U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.

   H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.

   J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

   K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

   After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

Overtime Codes Continued

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage

C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:
On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours

worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.

S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).

All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus $2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

   The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

   When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

   When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Overtime Codes Continued

11. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   B After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

   C The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

   D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.

   After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

   E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.

   After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Overtime Codes Continued

11. F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.

H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

J. All hours worked on holidays shall be paid at double the hourly rate of wage.

K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.

L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar ($2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

Overtime Codes Continued

11. M. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.

Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars ($2.00) per hour.

N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.

Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

O. All work performed on Saturdays, Sundays, and Holidays shall be paid at one and one half (1-1/2) times the straight time rate of pay.

Overtime Codes Continued

11. P. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 a.m. to 6:00 p.m., then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shifts shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten-hour shifts.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Q. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 35% over the hourly rate of wage. Work performed on Sundays shall be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

R On Monday through Saturday hours worked outside 6:00 am and 7:00 pm, and all hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

When a holiday falls on a Saturday, the Friday before shall be the observed holiday. When a holiday falls on a Sunday, the following Monday shall be the observed holiday.

S. The first ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions, or other conditions beyond the control of the Employer, then Saturday may be worked at the straight time rate, for the first eight (8) hours, or the first ten (10) hours when a four day ten hour workweek has been established.

All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Overtime Codes Continued

11. T. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay.

All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

U. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay.

All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

If, due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift, then a Special Shift may be worked, Monday through Friday, at the straight-time rate. The starting time of work for the Special Shift will be arranged to fit such conditions of work. Such Special Shift shall consist of eight (8) hours of work for eight (8) hours of pay or ten (10) hours of work for ten(10) hours of pay on a four-ten workday schedule.

V. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

W. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 6 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and Holidays shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

X. Overtime Calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 a.m. to 6:00 p.m., then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shifts shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten-hour shifts.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Special Shifts: When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift, then a special shift may be worked at the straight time rate. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten- hour shifts.

Y. **Overtime calculations** are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift, then a special shift may be worked at the straight time rate. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay.

Special Shift Premium for Prevailed work in Washington is basic hourly rate plus $2.00 per hour. When conditions

beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that more than four (4) hours of the special shift can only be performed outside the normal 6 a.m. – 6 p.m. shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an Employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. Shift premium will only apply on the second shift of a two-shift operation when the language above is met.

Z. **Overtime calculations** are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

SPECIAL SHIFT: A special shift may be established at any time, at the option of the Employer, on any job or project.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).

C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).

H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).

I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).

L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).

N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.

Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).

S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

Holiday Codes Continued

6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).

H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

Holiday Codes Continued

7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.

Holiday Codes Continued

7. X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be

observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

M. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

Holiday Codes Continued

15. N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

O. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, the day before Christmas day, and Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

P. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $0.75, Level B: $0.50, And Level C: $0.25.

M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: $1.00, Levels C & D: $0.50.

N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: $2.00, Class B Suit: $1.50, And Class C Suit: $1.00. Workers performing underground work receive an additional $0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional $0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional $0.50 per hour.

Note Codes Continued

8. V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - $2.00 per foot for each foot over 50 feet. Over 101' to 150' - $3.00 per foot for each foot over 101 feet. Over 151' to 220' - $4.00 per foot for each foot over 220 feet. Over 221' - $5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25’ to 300’ - $1.00 per foot from entrance. 300’ to 600’ - $1.50 per foot beginning at 300’. Over 600’ - $2.00 per foot beginning at 600’.

W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.

X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, and Class D Suit: $0.50. Special Shift Premium: Basic hourly rate plus $2.00 per hour.

When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay

Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate..

Z. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Note Codes Continued

9. A. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid $0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130’ to 199’ – $0.50 per hour over their classification rate.
(B) – 200’ to 299’ – $0.80 per hour over their classification rate.
(C) – 300’ and over – $1.00 per hour over their classification rate.

B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control

Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

Note Codes Continued

9. F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

I. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - $2.00 per foot for each foot over 50 feet. Over 101' to 150' - $3.00 per foot for each foot over 101 feet. Over 151' to 220' - $4.00 per foot for each foot over 220 feet. Over 221' - $5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25’ to 300’ - $1.00 per foot from entrance. 300’ to 600’ - $1.50 per foot beginning at 300’. Over 600’ - $2.00 per foot beginning at 600’.

Employees may be required to perform any combination of work within the Diving team/crew, (with the exception of dive Supervisor) provided they are paid at the highest rate at which he/she has worked for the shift.

L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $0.75, Level B: $0.50, And Level C: $0.25.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.

Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

M. Certified Crane Operator Premium: Crane operators requiring certifications shall be paid $1.50 per hour above their classification rate.

Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, and Class D Suit: $0.50.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

N. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m.to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.

Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

When Laborers are required to work in or with live sanitary sewage, they will receive a premium payoff forty ($40.00) dollars per day above their regular daily classification pay. Further, the employer will pay all necessary inoculations to prevent disease if requested by the employee and as recommended by the Department of Labor and Industries (Industrial Safety and Health Division).

O. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Any laborer working in Live Sewers shall receive forty dollars ($40.00) per day in addition to regular pay.

P. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

When Laborers are required to work in or with live sanitary sewage, they will receive a premium payoff forty ($40.00) dollars per day above their regular daily classification pay. Further, the employer will pay all necessary inoculations to prevent disease if requested by the employee and as recommended by the Department of Labor and Industries (Industrial Safety and Health Division)

Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

When Laborers are required to work in or with live sanitary sewage, they will receive a premium payoff forty ($40.00) dollars per day above their regular daily classification pay. Further, the employer will pay all necessary inoculations to prevent disease if requested by the employee and as recommended by the Department of Labor and Industries (Industrial Safety and Health Division).

"General Decision Number: WA20260001 06/16/2026

State: Washington

Construction Types: Highway

Counties: Washington Counties of
Adams, Asotin, Benton, Chelan, Clallam,
Clark, Columbia, Cowlitz, Douglas,
Ferry, Franklin, Garfield, Grant, Grays
Harbor, Island, Jefferson, King, Kitsap,
Kittitas, Klickitat, Lewis, Lincoln,
Mason, Okanogan, Pacific, Pend Oreille,
Pierce, San Juan, Skagit, Skamania,
Snohomish, Spokane, Stevens, Thurston,
Wahkiakum, Walla Walla, Whatcom, Whitman
and Yakima

Excludes D.O.E. Hanford Site in Benton and Franklin Counties

Modification Number	Publication Date
1	01/23/2026
2	05/18/2026
3	05/20/2026
4	**06/16/2026**

CARP0059-021 06/01/2025

	Rates	Fringes
CARPENTER: PILEDRIVER: INCLUDES DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING, OR CREOSOTE TREATED MATERIAL, ON ALL PILING (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT...	$ 49.76	17.28
CARPENTER: DIVER TENDER, MANIFOLD OPERATOR, ROV OPERATOR (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 54.24	17.28
CARPENTER: MANIFOLD OPERATOR-MIXED GAS (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN,		

OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT...$ 58.24 17.28

CARPENTER: CARPENTER (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 44.21 17.28

CARPENTER: ASSISTANT DIVER TENDER, ROV TENDER/TECHNICIAN (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 50.76 17.28

CARPENTER :BRIDGE, DOCK, AND WHARF CARPENTER (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 48.21 17.28

CARPENTER: DIVER STANDBY (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 55.24 17.28

CARPENTER: DIVER WET (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 110.48 17.28

CARP0096-002 06/01/2025

	Rates	Fringes
MILLWRIGHT (CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THENORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFICOCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES)	$ 55.39	22.38

CARP0096-007 06/01/2025

	Rates	Fringes
MILLWRIGHT (SOUTHWEST WASHINGTON: CLARK, COWLITZ, LEWIS (PILEDRIVER ONLY), PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES.)	$ 59.35	22.38

CARP0196-004 06/01/2025

	Rates	Fringes
PILEDRIVER (CLARK, COWLITZ, *PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES *PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY))	$ 56.06	16.81

CARP0196-006 06/01/2025

	Rates	Fringes
PILEDRIVER (CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, *PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES * PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE 120TH MERIDIAN)	$ 65.53	19.13

CARP0206-009 06/01/2025

	Rates	Fringes
CARPENTER: BRIDGE CARPENTER (KING AND KITSAP COUNTIES)	$ 65.58	19.13
CARPENTER: CARPENTER (KING AND KITSAP COUNTIES)	$ 63.98	19.13
CARPENTER: DIVER (KING AND KITSAP COUNTIES)	$ 125.44	19.13
CARPENTER: DIVER TENDER (KING AND KITSAP COUNTIES)	$ 71.77	19.13

CARP0360-006 09/15/2025

	Rates	Fringes
CARPENTER: BRIDGE CARPENTER (PACIFIC COUNTY. PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE 120TH MERIDIAN) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 65.58	19.13
CARPENTER: CARPENTER/DRYWALL HANGER (PACIFIC COUNTY. PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE 120TH MERIDIAN) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 63.98	19.13
CARPENTER: DIVER (PACIFIC COUNTY. PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE 120TH MERIDIAN) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 125.44	19.13
CARPENTER: DIVER TENDER (PACIFIC COUNTY. PORTION OF PACIFIC COUNTY NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN COUNTIES OR PARTS OF COUNTIES EAST OF THE 120TH MERIDIAN) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 71.77	19.13

CARP0360-007 06/01/2025

	Rates	Fringes
CARPENTERS: CARPENTERS (PACIFIC COUNTY. PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY)) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 54.69	16.81

CARPENTERS: DIVERS (PACIFIC COUNTY PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY)) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 108.33	16.81
CARPENTERS: DIVERS TENDERS (PACIFIC COUNTY PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY)) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.	$ 64.32	16.81
CARPENTERS: DRYWALL (PACIFIC COUNTY PORTION OF PACIFIC COUNTY SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO WILLAPA BAY TO THE PACIFIC OCEAN, AND THENCE NORTH THROUGH THE NATURAL WATERWAY TO THE PACIFIC OCEAN (THIS INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY)) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 54.59	16.81

CARP0360-013 06/01/2025

	Rates	Fringes
CARPENTER: BRIDGE CARPENTER (GRAYS HARBOR, LEWIS, MASON, PIERCE, AND THURSTON COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 65.58	19.13
CARPENTER: CARPENTER (GRAYS HARBOR, LEWIS, MASON, PIERCE, AND THURSTON COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 63.98	19.13
CARPENTER: DIVER (GRAYS HARBOR, LEWIS, MASON, PIERCE, AND THURSTON COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT	$ 125.44	19.13

CARPENTER: DIVER TENDER (GRAYS HARBOR, LEWIS, MASON, PIERCE, AND THURSTON COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT...$ 71.77 19.13

CARP0425-006 09/15/2025

	Rates	Fringes
CARPENTER: BRIDGE CARPENTER (CLALLAM, ISLAND, JEFFERSON, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 65.58	19.13
CARPENTER: CARPENTER (CLALLAM, ISLAND, JEFFERSON, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 63.98	19.13
CARPENTER: DIVER (CLALLAM, ISLAND, JEFFERSON, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 125.44	19.13
CARPENTER: DIVER TENDER (CLALLAM, ISLAND, JEFFERSON, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.	$ 71.77	19.13

CARP0503-021 06/01/2025

	Rates	Fringes
CARPENTERS: CARPENTERS (CLARK, COWLITZ, SKAMANIA, AND WAHKIAKUM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 54.69	16.81
CARPENTERS: DIVERS (CLARK, COWLITZ, SKAMANIA, AND WAHKIAKUM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....	$ 108.33	16.81

CARPENTERS: DIVERS TENDERS (CLARK, COWLITZ, SKAMANIA, AND WAHKIAKUM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW, (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGHEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 64.32 16.81

CARPENTERS: DRYWALL (CLARK, COWLITZ, SKAMANIA, AND WAHKIAKUM COUNTIES) EMPLOYEES MAY BE REQUIRED TO PERFORM ANY COMBINATION OF WORK WITHIN THE DIVING TEAM/CREW (EXCEPT FOR DIVE SUPERVISOR) PROVIDED THEY ARE PAID AT THE HIGEST RATE OF PAY THAT THEY RECEIVED DURING THEIR SHIFT.....$ 54.59 16.81

CARP1607-010 06/01/2025

	Rates	Fringes
MILLWRIGHT (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KLICKITAT, KITTITAS, LINCOLNC, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES).....	$ 61.62	20.43

ELEC0046-001 08/04/2025

	Rates	Fringes
CABLE SPLICER (CALLAM, JEFFERSON, KING AND KITSAP COUNTIES).....	$ 83.56	33.71
ELECTRICIAN (CALLAM, JEFFERSON, KING AND KITSAP COUNTIES).....	$ 75.96	33.48

ELEC0048-003 01/01/2025

	Rates	Fringes
CABLE SPLICER (CLARK, KLICKITAT AND SKAMANIA COUNTIES). HOURLY ZONE PAY: HOURLY ZONE PAY SHALL BE PAID ON JOBS LOCATED OUTSIDE OF THE FREE ZONE COMPUTED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: PORTLAND, THE DALLES, HOOD RIVER, TILLAMOOK, SEASIDE AND ASTORIA. ZONE PAY: ZONE 1: 31-50 MILES $1.50/HOUR ZONE 2: 51-70 MILES $3.50/HOUR ZONE 3: 71-90 MILES $5.50/HOUR ZONE 4: BEYOND 90 MILES $9.00/HOUR *THESE ARE NOT MILES DRIVEN. ZONES ARE BASED ON DELORRNE STREET ATLAS USA 2006 PLUS.....	$ 44.22	21.50
ELECTRICIAN (CLARK, KLICKITAT AND SKAMANIA COUNTIES). HOURLY ZONE PAY: HOURLY ZONE PAY SHALL BE PAID ON JOBS LOCATED OUTSIDE OF THE FREE ZONE COMPUTED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: PORTLAND, THE DALLES, HOOD RIVER, TILLAMOOK, SEASIDE AND ASTORIA. ZONE PAY: ZONE 1: 31-50 MILES $1.50/HOUR ZONE 2: 51-70 MILES $3.50/HOUR ZONE 3: 71-90 MILES $5.50/HOUR ZONE 4: BEYOND 90 MILES $9.00/HOUR *THESE ARE NOT MILES DRIVEN. ZONES ARE BASED ON DELORRNE STREET ATLAS USA 2006 PLUS.....	$ 63.50	29.73

ELEC0048-029 01/01/2025

	Rates	Fringes
CABLE SPLICER (COWLITZ AND WAHKIAKUM COUNTY)	$ 44.22	21.50
ELECTRICIAN (COWLITZ AND WAHKIAKUM COUNTY)	$ 63.50	29.73

ELEC0073-001 07/01/2025

	Rates	Fringes
CABLE SPLICER (ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES)	$ 34.10	16.68
ELECTRICIAN (ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES)	$ 49.55	19.09

ELEC0076-002 08/31/2025

	Rates	Fringes
CABLE SPLICER (GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES)	$ 71.65	26.76
ELECTRICIAN (GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES)	$ 65.14	26.56

ELEC0112-005 06/01/2025

	Rates	Fringes
CABLE SPLICER (ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES)	$ 63.00	27.87
ELECTRICIAN (ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES)	$ 60.00	27.78

ELEC0191-003 06/01/2022

	Rates	Fringes
CABLE SPLICER (ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES)	$ 44.23	17.73
ELECTRICIAN (ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES)	$ 53.20	27.51

ELEC0191-004 06/01/2018

	Rates	Fringes
CABLE SPLICER (CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES)	$ 40.82	17.63
ELECTRICIAN (CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES)	$ 42.45	21.34

ENGI0302-092 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- ASPHALT PLANT OPERATORS; CABLEWAYS; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT OVER 42M; CRANES: 45 TONS THROUGH 99 TONS, UNDER 150? OF BOOM (INCLUDING JIB WITH ATTACHMENTS); OVERHEAD, BRIDGE TYPE: 45 TONS THROUGH 99 TONS; DERRICKS: ON BUILDING WORK; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT 45		

YARDS & OVER; LOADER: OVERHEAD 6 YARDS BUT NOT INCLUDING 8 YARDS; MOTOR PATROL GRADERS; MUCKING MACHINE, MOLE, TUNNEL DRILL, BORING, ROAD HEADER AND/OR SHIELD; QUAD 9, HD 41, D10 AND OVER; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS, SELF-PROPELLED: 45 YARDS AND OVER; SPREADER: TOPSIDER & SCREEDMAN; SHOVEL, EXCAVATOR, BACKHOE: OVER 30 METRIC TONS AND UP TO 50 METRIC TONS; SLIPFORM PAVERS; TRANSPORTERS: ALL TRACK OR TRUCK TYPE; WELDER. (KING AND SNOHOMISH COUNTIES).....$ 61.93 27.57

POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES: 100 TONS THROUGH 199 TONS, OR 150' OF BOOM (INCLUDING JIB WITH ATTACHMENTS); DRILLING MACHINE; OVERHEAD, BRIDGE TYPE: 100 TONS AND OVER; TOWER CRANE: UP TO 175' IN HEIGHT BASE TO BOOM; LOADER: OVERHEAD 8 YARDS & OVER; SHOVEL, EXCAVATOR, BACKHOES: OVER 50 METRIC TONS AND UP TO 90 METRIC TONS; MECHANICS. (KING AND SNOHOMISH COUNTIES).....$ 62.85 27.57

POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES: 200 TONS- 299 TONS, OR 250' OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES: FRICTION CRANES THROUGH 199 TONS; LEVERMAN; SHOVEL, EXCAVATOR, BACKHOES: OVER 90 METRIC TONS; TOWER CRANE: OVER 175'?THROUGH 250'?IN HEIGHT, BASE TO BOOM. (KING AND SNOHOMISH COUNTIES).....$ 63.75 27.57

POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES: 300 TONS AND OVER OR 300'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES FRICTION: 200 TONS AND OVER; TOWER CRANES: OVER 250'?IN HEIGHT FROM BASE TO BOOM. (KING AND SNOHOMISH COUNTIES).....$ 64.66 27.57

POWER EQUIPMENT OPERATOR: GROUP 2- BATCH PLANT OPERATOR: CONCRETE; BARRIER MACHINE: (ZIPPER); BUMP CUTTER; CRANES: 20 TONS THROUGH 44 TONS WITH ATTACHMENTS; OVERHEAD, BRIDGE TYPE CRANE: 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT UP TO 42M; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); GRADE ENGINEER: USING BLUE PRINTS, CUT SHEETS, ETC.; FINISHING MACHINE: BIDWELL AND GAMACO & SIMILAR EQUIPMENT; GUARDRAIL PUNCH; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT UNDER 45 YARDS; HORIZONTAL/DIRECTIONAL DRILL OPERATOR; LOADERS: OVERHEAD UNDER 6 YARDS; LOADERS: PLANT FEED; LOCOMOTIVES: ALL; MATERIAL TRANSFER DEVICE; PILEDRIVER: (OTHER THAN CRANE MOUNT); QUICK TOWER: NO CAB, UNDER 100 FEET IN HEIGHT BASE TO BOOM; ROTO-MILL, ROTO-GRINDER; SHOVEL, EXCAVATOR, BACKHOE, TRACTOR: 15 TO 30 METRIC TONS; SUBGRADER TRIMMER; SCRAPER: SELF PROPELLED UNDER 45 YARDS; TRUCK CRANE OILER/DRIVER: 100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; -VAC TRUCK (VACTOR GUZZLER, HYDRO EXCAVATOR); YO YO PAY DOZER. (KING AND SNOHOMISH COUNTIES).....$ 61.14 27.57

POWER EQUIPMENT OPERATOR: GROUP 3- CRANES: THROUGH 19 TONS WITH ATTACHMENTS, A-FRAME OVER 10 TONS;

CONCRETE PUMP: MOUNTED OR TRAILER HIGH PRESSURE LINE PUMP, PUMP HIGH PRESSURE; CONVEYORS; DOZERS: D-9 & UNDER; DRILL OILERS: AUGER TYPE, TRUCK OR CRANE MOUNT; FORKLIFT: 3000 LBS AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS (ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO; TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS: OVER 10 TONS; LOADERS: ELEVATING TYPE BELT; PLANT OILER: ASPHALT, CRUSHER; RIGGER/SIGNAL PERSON, BELLMAN (CERTIFIED); ROLLER: PLANT MIX OR MULTI-LIFT MATERIALS; SAWS: CONCRETE; SCRAPERS: CONCRETE & CARRY ALL SERVICE ENGINEERS: EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER: UNDER 100 TONS; SHOVEL, EXCAVATOR, BACKHOE, TRACTORS: UNDER 15 METRIC TONS. (KING AND SNOHOMISH COUNTIES).....$ 60.46 27.57

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE: LASER SCREED; CRANES, A-FRAME: 10 TONS AND UNDER; ELEVATOR AND MAN-LIFT: PERMANENT AND SHAFT TYPE; FORKLIFTS: UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER/STAKEMAN; HYDRALIFTS/BOOM TRUCKS: 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION & MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER: MECHANICAL; POWER PLANT; PUMPS: WATER; -RIGGER AND BELLMAN; ROLLER: OTHER THAN PLANT MIX; WHEEL TRACTORS: FARM ALL TYPE; SHOTCRETE/GUNITE EQUIPMENT; BROKK: REMOTE DEMOLITION EQUIPMENT. (KING AND SNOHOMISH COUNTIES).....$ 56.63 27.57

ENGI0302-093 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- ASPHALT PLANT OPERATORS; CABLEWAYS; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT OVER 42M; CRANES: 45 TONS THROUGH 99 TONS, UNDER 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); OVERHEAD, BRIDGE TYPE: 45 TONS THROUGH 99 TONS; DERRICKS: ON BUILDING WORK; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS & OVER; LOADER: OVERHEAD 6 YARDS BUT NOT INCLUDING 8 YARDS; MOTOR PATROL GRADERS; MUCKING MACHINE, MOLE, TUNNEL DRILL, BORING, ROAD HEADER AND/OR SHIELD; QUAD 9, HD 41, D10 AND OVER; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS, SELF-PROPELLED: 45 YARDS AND OVER; SPREADER: TOPSIDER & SCREEDMAN; SHOVEL, EXCAVATOR, BACKHOE: OVER 30 METRIC TONS AND UP TO 50 METRIC TONS; SLIPFORM PAVERS; TRANSPORTERS: ALL TRACK OR TRUCK TYPE; WELDER. (SKAGIT AND WHATCOM COUNTIES).....	$ 61.47	27.57
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES: 100 TONS THROUGH 199 TONS, OR 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); DRILLING MACHINE; OVERHEAD, BRIDGE TYPE: 100 TONS AND OVER; TOWER CRANE: UP TO		

175'?IN HEIGHT BASE TO BOOM; LOADER: OVERHEAD 8 YARDS & OVER; SHOVEL, EXCAVATOR, BACKHOES: OVER 50 METRIC TONS AND UP TO 90 METRIC TONS; MECHANICS. (SKAGIT AND WHATCOM COUNTIES).....$ 62.39 27.57

POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES: 200 TONS- 299 TONS, OR 250'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES: FRICTION CRANES THROUGH 199 TONS; LEVERMAN; SHOVEL, EXCAVATOR, BACKHOES: OVER 90 METRIC TONS; TOWER CRANE: OVER 175'?THROUGH 250'?IN HEIGHT, BASE TO BOOM. (SKAGIT AND WHATCOM COUNTIES).....$ 63.29 27.57

POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES: 300 TONS AND OVER OR 300'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES FRICTION: 200 TONS AND OVER; TOWER CRANES: OVER 250'?IN HEIGHT FROM BASE TO BOOM. (SKAGIT AND WHATCOM COUNTIES).....$ 64.19 27.57

POWER EQUIPMENT OPERATOR: GROUP 2- BATCH PLANT OPERATOR: CONCRETE; BARRIER MACHINE: (ZIPPER); BUMP CUTTER; CRANES: 20 TONS THROUGH 44 TONS WITH ATTACHMENTS; OVERHEAD, BRIDGE TYPE CRANE: 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT UP TO 42M; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); GRADE ENGINEER: USING BLUE PRINTS, CUT SHEETS, ETC.; FINISHING MACHINE: BIDWELL AND GAMACO & SIMILAR EQUIPMENT; GUARDRAIL PUNCH; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT UNDER 45 YARDS; HORIZONTAL/DIRECTIONAL DRILL OPERATOR; LOADERS: OVERHEAD UNDER 6 YARDS; LOADERS: PLANT FEED; LOCOMOTIVES: ALL; MATERIAL TRANSFER DEVICE; PILEDRIVER: (OTHER THAN CRANE MOUNT); QUICK TOWER: NO CAB, UNDER 100 FEET IN HEIGHT BASE TO BOOM; ROTO-MILL, ROTO-GRINDER; SHOVEL, EXCAVATOR, BACKHOE, TRACTOR: 15 TO 30 METRIC TONS; SUBGRADER TRIMMER; SCRAPER: SELF PROPELLED UNDER 45 YARDS; TRUCK CRANE OILER/DRIVER: 100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; -VAC TRUCK (VACTOR GUZZLER, HYDRO EXCAVATOR); YO YO PAY DOZER. (SKAGIT AND WHATCOM COUNTIES).....$ 60.69 27.57

POWER EQUIPMENT OPERATOR: GROUP 3- CRANES: THROUGH 19 TONS WITH ATTACHMENTS, A-FRAME OVER 10 TONS; CONCRETE PUMP: MOUNTED OR TRAILER HIGH PRESSURE LINE PUMP, PUMP HIGH PRESSURE; CONVEYORS; DOZERS: D-9 & UNDER; DRILL OILERS: AUGER TYPE, TRUCK OR CRANE MOUNT; FORKLIFT: 3000 LBS AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS (ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO; TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS: OVER 10 TONS; LOADERS: ELEVATING TYPE BELT; PLANT OILER: ASPHALT, CRUSHER; RIGGER/SIGNAL PERSON, BELLMAN (CERTIFIED); ROLLER: PLANT MIX OR MULTI-LIFT MATERIALS; SAWS: CONCRETE; SCRAPERS: CONCRETE & CARRY ALL SERVICE ENGINEERS: EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER: UNDER 100 TONS; SHOVEL, EXCAVATOR, BACKHOE, TRACTORS: UNDER 15 METRIC TONS. (SKAGIT

AND WHATCOM COUNTIES).....$ 60.02 27.57
POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE: LASER SCREED; CRANES, A-FRAME: 10 TONS AND UNDER; ELEVATOR AND MAN-LIFT: PERMANENT AND SHAFT TYPE; FORKLIFTS: UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER/STAKEMAN; HYDRALIFTS/BOOM TRUCKS: 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION & MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER: MECHANICAL; POWER PLANT; PUMPS: WATER; -RIGGER AND BELLMAN; ROLLER: OTHER THAN PLANT MIX; WHEEL TRACTORS: FARM ALL TYPE; SHOTCRETE/GUNITE EQUIPMENT; BROKK: REMOTE DEMOLITION EQUIPMENT SKAGIT AND WHATCOM COUNTIES.$ 56.19 27.57

ENGI0302-094 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- ASPHALT PLANT OPERATORS; CABLEWAYS; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT OVER 42M; CRANES: 45 TONS THROUGH 99 TONS, UNDER 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); OVERHEAD, BRIDGE TYPE: 45 TONS THROUGH 99 TONS; DERRICKS: ON BUILDING WORK; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS & OVER; LOADER: OVERHEAD 6 YARDS BUT NOT INCLUDING 8 YARDS; MOTOR PATROL GRADERS; MUCKING MACHINE, MOLE, TUNNEL DRILL, BORING, ROAD HEADER AND/OR SHIELD; QUAD 9, HD 41, D10 AND OVER; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS, SELF-PROPELLED: 45 YARDS AND OVER; SPREADER: TOPSIDER & SCREEDMAN; SHOVEL, EXCAVATOR, BACKHOE: OVER 30 METRIC TONS AND UP TO 50 METRIC TONS; SLIPFORM PAVERS; TRANSPORTERS: ALL TRACK OR TRUCK TYPE; WELDER. (KITSAP COUNTY)	$ 60.93	27.57
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES: 100 TONS THROUGH 199 TONS, OR 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); DRILLING MACHINE; OVERHEAD, BRIDGE TYPE: 100 TONS AND OVER; TOWER CRANE: UP TO 175'?IN HEIGHT BASE TO BOOM; LOADER: OVERHEAD 8 YARDS & OVER; SHOVEL, EXCAVATOR, BACKHOES: OVER 50 METRIC TONS AND UP TO 90 METRIC TONS; MECHANICS. KITSAP COUNTY	$ 61.83	27.57
POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES: 200 TONS- 299 TONS, OR 250'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES: FRICTION CRANES THROUGH 199 TONS; LEVERMAN; SHOVEL, EXCAVATOR, BACKHOES: OVER 90 METRIC TONS; TOWER CRANE: OVER 175' THROUGH 250'?IN HEIGHT, BASE TO BOOM. (KITSAP COUNTY)	$ 62.73	27.57
POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES: 300 TONS AND OVER OR 300'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES FRICTION: 200 TONS AND OVER; TOWER CRANES: OVER 250'?IN HEIGHT FROM BASE TO BOOM. (KITSAP COUNTY)	$ 63.62	27.57

POWER EQUIPMENT OPERATOR: GROUP 2- BATCH PLANT OPERATOR: CONCRETE; BARRIER MACHINE: (ZIPPER); BUMP CUTTER; CRANES: 20 TONS THROUGH 44 TONS WITH ATTACHMENTS; OVERHEAD, BRIDGE TYPE CRANE: 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT UP TO 42M; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); GRADE ENGINEER: USING BLUE PRINTS, CUT SHEETS, ETC.; FINISHING MACHINE: BIDWELL AND GAMACO & SIMILAR EQUIPMENT; GUARDRAIL PUNCH; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT UNDER 45 YARDS; HORIZONTAL/DIRECTIONAL DRILL OPERATOR; LOADERS: OVERHEAD UNDER 6 YARDS; LOADERS: PLANT FEED; LOCOMOTIVES: ALL; MATERIAL TRANSFER DEVICE; PILEDRIVER: (OTHER THAN CRANE MOUNT); QUICK TOWER: NO CAB, UNDER 100 FEET IN HEIGHT BASE TO BOOM; ROTO-MILL, ROTO-GRINDER; SHOVEL, EXCAVATOR, BACKHOE, TRACTOR: 15 TO 30 METRIC TONS; SUBGRADER TRIMMER; SCRAPER: SELF PROPELLED UNDER 45 YARDS; TRUCK CRANE OILER/DRIVER: 100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; -VAC TRUCK (VACTOR GUZZLER, HYDRO EXCAVATOR); YO YO PAY DOZER. (KITSAP COUNTY).....$ 60.14 27.57

POWER EQUIPMENT OPERATOR: GROUP 3- CRANES: THROUGH 19 TONS WITH ATTACHMENTS, A-FRAME OVER 10 TONS; CONCRETE PUMP: MOUNTED OR TRAILER HIGH PRESSURE LINE PUMP, PUMP HIGH PRESSURE; CONVEYORS; DOZERS: D-9 & UNDER; DRILL OILERS: AUGER TYPE, TRUCK OR CRANE MOUNT; FORKLIFT: 3000 LBS AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS (ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO; TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS: OVER 10 TONS; LOADERS: ELEVATING TYPE BELT; PLANT OILER: ASPHALT, CRUSHER; RIGGER/SIGNAL PERSON, BELLMAN (CERTIFIED); ROLLER: PLANT MIX OR MULTI-LIFT MATERIALS; SAWS: CONCRETE; SCRAPERS: CONCRETE & CARRY ALL SERVICE ENGINEERS: EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER: UNDER 100 TONS; SHOVEL, EXCAVATOR, BACKHOE, TRACTORS: UNDER 15 METRIC TONS. (KITSAP COUNTY).....$ 59.49 27.57

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE: LASER SCREED; CRANES, A-FRAME: 10 TONS AND UNDER; ELEVATOR AND MAN-LIFT: PERMANENT AND SHAFT TYPE; FORKLIFTS: UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER/STAKEMAN; HYDRALIFTS/BOOM TRUCKS: 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION & MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER: MECHANICAL; POWER PLANT; PUMPS: WATER; RIGGER AND BELLMAN; ROLLER: OTHER THAN PLANT MIX; WHEEL TRACTORS: FARM ALL TYPE; SHOTCRETE/GUNITE EQUIPMENT; BROKK: REMOTE DEMOLITION EQUIPMENT. (KITSAP COUNTY).....$ 55.68 27.57

ENGI0302-095 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- ASPHALT PLANT OPERATORS; CABLEWAYS; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT OVER 42M; CRANES: 45 TONS THROUGH 99 TONS, UNDER 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); OVERHEAD, BRIDGE TYPE: 45 TONS THROUGH 99 TONS; DERRICKS: ON BUILDING WORK; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS & OVER; LOADER: OVERHEAD 6 YARDS BUT NOT INCLUDING 8 YARDS; MOTOR PATROL GRADERS; MUCKING MACHINE, MOLE, TUNNEL DRILL, BORING, ROAD HEADER AND/OR SHIELD; QUAD 9, HD 41, D10 AND OVER; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS, SELF-PROPELLED: 45 YARDS AND OVER; SPREADER: TOPSIDER & SCREEDMAN; SHOVEL, EXCAVATOR, BACKHOE: OVER 30 METRIC TONS AND UP TO 50 METRIC TONS; SLIPFORM PAVERS; TRANSPORTERS: ALL TRACK OR TRUCK TYPE; WELDER. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES)	$ 60.67	27.57
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES: 100 TONS THROUGH 199 TONS, OR 150'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); DRILLING MACHINE; OVERHEAD, BRIDGE TYPE: 100 TONS AND OVER; TOWER CRANE: UP TO 175'?IN HEIGHT BASE TO BOOM; LOADER: OVERHEAD 8 YARDS & OVER; SHOVEL, EXCAVATOR, BACKHOES: OVER 50 METRIC TONS AND UP TO 90 METRIC TONS; MECHANICS. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES)	$ 61.56	27.57
POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES: 200 TONS- 299 TONS, OR 250' OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES: FRICTION CRANES THROUGH 199 TONS; LEVERMAN; SHOVEL, EXCAVATOR, BACKHOES: OVER 90 METRIC TONS; TOWER CRANE: OVER 175' THROUGH 250' IN HEIGHT, BASE TO BOOM. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES)	$ 62.47	27.57
POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES: 300 TONS AND OVER OR 300'?OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANES FRICTION: 200 TONS AND OVER; TOWER CRANES: OVER 250'?IN HEIGHT FROM BASE TO BOOM. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF		

THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES).....$ 63.35 27.57

POWER EQUIPMENT OPERATOR: GROUP 2- BATCH PLANT OPERATOR: CONCRETE; BARRIER MACHINE: (ZIPPER); BUMP CUTTER; CRANES: 20 TONS THROUGH 44 TONS WITH ATTACHMENTS; OVERHEAD, BRIDGE TYPE CRANE: 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP: TRUCK MOUNT WITH BOOM ATTACHMENT UP TO 42M; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); GRADE ENGINEER: USING BLUE PRINTS, CUT SHEETS, ETC.; FINISHING MACHINE: BIDWELL AND GAMACO & SIMILAR EQUIPMENT; GUARDRAIL PUNCH; HARD TAIL END DUMP: ARTICULATING OFF-ROAD EQUIPMENT UNDER 45 YARDS; HORIZONTAL/DIRECTIONAL DRILL OPERATOR; LOADERS: OVERHEAD UNDER 6 YARDS; LOADERS: PLANT FEED; LOCOMOTIVES: ALL; MATERIAL TRANSFER DEVICE; PILEDRIVER: (OTHER THAN CRANE MOUNT); QUICK TOWER: NO CAB, UNDER 100 FEET IN HEIGHT BASE TO BOOM; ROTO-MILL, ROTO-GRINDER; SHOVEL, EXCAVATOR, BACKHOE, TRACTOR: 15 TO 30 METRIC TONS; SUBGRADER TRIMMER; SCRAPER: SELF PROPELLED UNDER 45 YARDS; TRUCK CRANE OILER/DRIVER: 100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; VAC TRUCK (VACTOR GUZZLER, HYDRO EXCAVATOR); YO YO PAY DOZER. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES).....$ 59.88 27.57

POWER EQUIPMENT OPERATOR: GROUP 3- CRANES: THROUGH 19 TONS WITH ATTACHMENTS, A-FRAME OVER 10 TONS; CONCRETE PUMP: MOUNTED OR TRAILER HIGH PRESSURE LINE PUMP, PUMP HIGH PRESSURE; CONVEYORS; DOZERS: D-9 & UNDER; DRILL OILERS: AUGER TYPE, TRUCK OR CRANE MOUNT; FORKLIFT: 3000 LBS AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS (ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO; TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS: OVER 10 TONS; LOADERS: ELEVATING TYPE BELT; PLANT OILER: ASPHALT, CRUSHER; RIGGER/SIGNAL PERSON, BELLMAN (CERTIFIED); ROLLER: PLANT MIX OR MULTI-LIFT MATERIALS; SAWS: CONCRETE; SCRAPERS: CONCRETE & CARRY ALL SERVICE ENGINEERS: EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER: UNDER 100 TONS; SHOVEL, EXCAVATOR, BACKHOE, TRACTORS: UNDER 15 METRIC TONS. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES).....$ 59.23 27.57

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE: LASER SCREED; CRANES, A-FRAME: 10 TONS AND UNDER; ELEVATOR AND MAN-LIFT: PERMANENT AND SHAFT TYPE; FORKLIFTS: UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER/STAKEMAN; HYDRALIFTS/BOOM TRUCKS: 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION & MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER: MECHANICAL; POWER PLANT; PUMPS: WATER; RIGGER AND BELLMAN; ROLLER: OTHER THAN PLANT MIX; WHEEL TRACTORS: FARM ALL TYPE; SHOTCRETE/GUNITE EQUIPMENT; BROKK: REMOTE DEMOLITION EQUIPMENT. (CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KITTITAS (WEST OF THE 120TH MERIDIAN), MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES)...$ 55.43 27.57

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	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- BIT GRINDERS; BOLT THREADING MACHINE; COMPRESSORS (UNDER 2000 CFM, GAS, DIESEL, OR ELECTRIC POWER); DECK HAND; FIREMAN & HEATER TENDER; HYDRO-SEEDER, MULCHER, NOZZLEMAN; OILER DRIVER, & CABLE TENDER, MUCKING MACHINE; PUMPMAN; ROLLERS, ALL TYPES ON SUBGRADE, INCLUDING SEAL AND CHIP COATINGS (FARM TYPE, CASE, JOHN DEERE & SIMILAR, OR COMPACTING VIBRATOR), EXCEPT WHEN PULLED BY DOZER WITH OPERABLE BLADE; WELDING MACHINE; CRANE OILER-DRIVER (CLD REQUIRED) & CABLE TENDER, MUCKING MACHINE. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN)	$ 38.17	23.40
POWER EQUIPMENT OPERATOR: GROUP 2- A-FRAME TRUCK (SINGLE DRUM); ASSISTANT REFRIGERATION PLANT (UNDER 1000 TON); ASSISTANT PLANT OPERATOR, FIREMAN OR PUGMIXER (ASPHALT); BAGLEY OR STATIONARY SCRAPER; BELT FINISHING MACHINE; BLOWER OPERATOR (CEMENT); CEMENT HOG; COMPRESSOR (2000 CFM OR OVER, 2 OR MORE, GAS DIESEL OR ELECTRIC POWER); CONCRETE SAW (MULTIPLE CUT); DISTRIBUTOR LEVERMAN; DITCH WITCH OR SIMILAR; ELEVATOR HOISTING MATERIALS; DOPE POTS (POWER AGITATED); FORK LIFT OR LUMBER STACKER, HYDRA-LIFT & SIMILAR; GIN TRUCKS (PIPELINE); HOIST, SINGLE DRUM; LOADERS (BUCKET ELEVATORS AND CONVEYORS); LONGITUDINAL FLOAT; MIXER (PORTABLE-CONCRETE); PAVEMENT BREAKER, HYDRA-HAMMER & SIMILAR; POWER BROOM; RAILROAD BALLAST REGULATION OPERATOR (SELF-PROPELLED); RAILROAD POWER TAMPER OPERATOR (SELF-PROPELLED); RAILROAD TAMPER JACK OPERATOR (SELF-PROPELLED; SPRAY CURING MACHINE (CONCRETE); SPREADER BOX (SELF-PROPELLED); STRADDLE BUGGY (ROSS & SIMILAR ON CONSTRUCTION JOB ONLY); TRACTOR (FARM TYPE R/T WITH ATTACHMENT, EXCEPT		

BACKHOE); TUGGER OPERATOR. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN) .....$ 38.56 23.40

POWER EQUIPMENT OPERATOR: GROUP 3- A-FRAME TRUCK (2 OR MORE DRUMS); ASSISTANT REFRIGERATION PLANT & CHILLER OPERATOR (OVER 1000 TON); BACKFILLERS (CLEVELAND & SIMILAR); BATCH PLANT & WET MIX OPERATOR, SINGLE UNIT (CONCRETE); BELT-CRETE CONVEYORS WITH POWER PACK OR SIMILAR; BELT LOADER (KOCAL OR SIMILAR); BENDING MACHINE; BOB CAT (SKID STEER); BORING MACHINE (EARTH); BORING MACHINE (ROCK UNDER 8 INCH BIT) (QUARRY MASTER, JOY OR SIMILAR); BUMP CUTTER (WAYNE, SAGINAU OR SIMILAR); CANAL LINING MACHINE (CONCRETE); CHIPPER (WITHOUT CRANE); CLEANING & DOPING MACHINE (PIPELINE); DECK ENGINEER; ELEVATING BELT-TYPE LOADER (EUCLID, BARBER GREEN & SIMILAR); ELEVATING GRADER-TYPE LOADER (DUMOR, ADAMS OR SIMILAR); GENERATOR PLANT ENGINEERS (DIESEL OR ELECTRIC); GUNNITE COMBINATION MIXER & COMPRESSOR; LOCOMOTIVE ENGINEER; MIXERMOBILE; MUCKING MACHINE; POSTHOLE AUGER OR PUNCH; PUMP (GROUT OR JET); SOIL STABILIZER (P & H OR SIMILAR); SPREADER MACHINE; DOZER/TRACTOR (UP TO D-6 OR EQUIVALENT) AND TRAXCAVATOR; TRAVERSE FINISH MACHINE; TURNHEAD OPERATOR. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN) .....$ 39.31 23.40

POWER EQUIPMENT OPERATOR: GROUP 4- CONCRETE PUMPS (SQUEEZE-CRETE, FLOW-CRETE, PUMP- CRETE, WHITMAN & SIMILAR); CURB EXTRUDER (ASPHALT OR CONCRETE); DRILLS (CHURN, CORE, CALYX OR DIAMOND); EQUIPMENT SERVICEMAN; GREASER & OILER; HOIST (2 OR MORE DRUMS OR TOWER HOIST); LOADERS (OVERHEAD & FRONT-END, UNDER 4 YDS. R/T); REFRIGERATION PLANT ENGINEER (UNDER 1000 TON); RUBBER-TIRED SKIDDERS (R/T WITH OR WITHOUT ATTACHMENTS); SURFACE HEATER & PLANT MACHINE; TRENCHING MACHINES (UNDER 7 FT. DEPTH CAPACITY); TURNHEAD (WITH RE-SCREENING); VACUUM DRILL (REVERSE CIRCULATION DRILL UNDER 8 INCH BIT). (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN).....$ 39.51 23.40

POWER EQUIPMENT OPERATOR: GROUP 5- BACKHOE (UNDER 45,000 GW); BACKHOE & HOE RAM (UNDER 3/4 YD.); CARRYDECK & BOOM TRUCK (UNDER 25 TONS); CRANES (25 TONS & UNDER), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; DERRICKS & STIFFLEGS (UNDER 65 TONS); DRILLING EQUIPMENT(8 INCH BIT & OVER) (ROBBINS, REVERSE CIRCULATION & SIMILAR); HOE RAM; PILEDRIVING ENGINEERS; PAVING (DUAL DRUM); RAILROAD TRACK LINER OPERAOTR (SELF-PROPELLED); REFRIGERATION PLANT ENGINEER (1000 TONS & OVER); SIGNALMAN (WHIRLEYS, HIGHLINE HAMMERHEADS OR SIMILAR); GRADE CHECKER. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN).....$ 39.71 23.40

POWER EQUIPMENT OPERATOR: GROUP 6- ASPHALT PLANT OPERATOR; AUTOMATIC SUBGRADER (DITCHES & TRIMMERS)(AUTOGRADE, ABC, R.A. HANSEN & SIMILAR ON GRADE WIRE); BACKHOE (45,000 GW AND OVER TO 110,000 GW); BACKHOES & HOE RAM (3/4 YD. TO 3 YD.); BATCH PLANT (OVER 4 UNITS); BATCH & WET MIX OPERATOR (MULTIPLE UNITS, 2 & INCL. 4); BLADE OPERATOR (MOTOR PATROL & ATTACHMENTS); CABLE CONTROLLER (DISPATCHER); COMPACTOR (SELF-PROPELLED WITH BLADE); CONCRETE PUMP BOOM TRUCK; CONCRETE SLIP FORM PAVER; CRANES (OVER 25 TONS, TO AND INCLUDING 45 TONS), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; CRUSHER, GRIZZLE & SCREENING PLANT OPERATOR; DOZER, 834 R/T & SIMILAR; DRILL DOCTOR; LOADER OPERATOR (FRONT-END & OVERHEAD, 4 YDS. INCL. 8 YDS.); MULTIPLE DOZER UNITS WITH SINGLE BLADE; PAVING MACHINE (ASPHALT AND CONCRETE); QUAD-TRACK OR SIMILAR EQUIPMENT; ROLLERMAN (FINISHING ASPHALT PAVEMENT); ROTO MILL (PAVEMENT GRINDER); SCRAPERS, ALL, RUBBER-TIRED; SCREED OPERATOR; SHOVEL(UNDER 3 YDS.); TRENCHING MACHINES (7 FT. DEPTH & OVER); TUG BOAT OPERATOR VACTOR GUZZLER, SUPER SUCKER; LIME BATCH TANK OPERATOR (RECYCLE TRAIN); LIME BRAIN OPERATOR (RECYCLE TRAIN); MOBILE CRUSHER OPERATOR (RECYCLE TRAIN). (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN) .....$ 40.00 23.40

POWER EQUIPMENT OPERATOR: GROUP 7- BACKHOE (OVER 110,000 GW); BACKHOES & HOE RAM (3 YDS & OVER); BLADE (FINISH & BLUETOP) AUTOMATIC, CMI, ABC, FINISH ATHEY & HUBER & SIMILAR WHEN USED AS AUTOMATIC; CABLEWAY OPERATORS; CONCRETE CLEANING/DECONTAMINATION MACHINE OPERATOR; CRANES (OVER 45 TONS TO BUT NOT INCLUDING 85 TONS), ALL ATTACHMENTS INCLUDING CLAMSHELL AND DRAGINE; DERRICKS & STIFFLEYS (65 TONS & OVER); ELEVATING BELT (HOLLAND TYPE); HEAVY EQUIPMENT ROBOTICS OPERATOR; LOADER (360 DEGREES REVOLVING KOEHRING SCOOPER OR SIMILAR); LOADERS (OVERHEAD & FRONT-END, OVER 8 YDS. TO 10 YDS.); RUBBER-TIRED SCRAPERS (MULTIPLE ENGINE WITH THREE OR MORE SCRAPERS); SHOVELS (3 YDS. & OVER); WHIRLEYS & HAMMERHEADS, ALL; H.D. MECHANIC; H.D. WELDER; HYDRAULIC PLATFORM TRAILERS (GOLDHOFER, SHAURERLY ANDSIMILAR); ULTRA HIGH PRESSURE WATERIET CUTTING TOOL SYSTEM OPERATOR (30,000 PSI); VACUUM BLASTING MACHINE OPERATOR. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN) .....$ 40.39 23.40

POWER EQUIPMENT OPERATOR: GROUP 8- CRANES (85 TONS AND OVER, AND ALL CLIMBING, OVERHEAD,RAIL AND TOWER), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; LOADERS (OVERHEAD AND FRONT-END, 10 YARDS AND OVER); HELICOPTER PILOT. (ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN).....$ 42.36 23.40

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	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1- BIT GRINDERS; BOLT THREADING MACHINE; COMPRESSORS (UNDER 2000 CFM, GAS, DIESEL, OR ELECTRIC POWER); DECK HAND; FIREMAN & HEATER TENDER; HYDRO-SEEDER, MULCHER, NOZZLEMAN; OILER DRIVER, & CABLE TENDER, MUCKING MACHINE; PUMPMAN; ROLLERS, ALL TYPES ON SUBGRADE, INCLUDING SEAL AND CHIP COATINGS (FARM TYPE, CASE, JOHN DEERE & SIMILAR, OR COMPACTING VIBRATOR), EXCEPT WHEN PULLED BY DOZER WITH OPERABLE BLADE; WELDING MACHINE; CRANE OILER-DRIVER (CLD REQUIRED) & CABLE TENDER, MUCKING MACHINE. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES)	$ 41.17	23.40
POWER EQUIPMENT OPERATOR: GROUP 2- A-FRAME TRUCK (SINGLE DRUM); ASSISTANT REFRIGERATION PLANT (UNDER 1000 TON); ASSISTANT PLANT OPERATOR, FIREMAN OR PUGMIXER (ASPHALT); BAGLEY OR STATIONARY SCRAPER; BELT FINISHING MACHINE; BLOWER OPERATOR (CEMENT); CEMENT HOG; COMPRESSOR (2000 CFM OR OVER, 2 OR MORE, GAS DIESEL OR ELECTRIC POWER); CONCRETE SAW (MULTIPLE CUT); DISTRIBUTOR LEVERMAN; DITCH WITCH OR SIMILAR; ELEVATOR HOISTING MATERIALS; DOPE POTS (POWER AGITATED); FORK LIFT OR LUMBER STACKER, HYDRA-LIFT & SIMILAR; GIN TRUCKS (PIPELINE); HOIST, SINGLE DRUM; LOADERS (BUCKET ELEVATORS AND CONVEYORS); LONGITUDINAL FLOAT; MIXER (PORTABLE-CONCRETE); PAVEMENT BREAKER, HYDRA-HAMMER & SIMILAR; POWER BROOM; RAILROAD BALLAST REGULATION OPERATOR (SELF-PROPELLED); RAILROAD POWER TAMPER OPERATOR (SELF-PROPELLED); RAILROAD TAMPER JACK OPERATOR (SELF-PROPELLED; SPRAY CURING MACHINE (CONCRETE); SPREADER BOX (SELF-PROPELLED); STRADDLE BUGGY (ROSS & SIMILAR ON CONSTRUCTION JOB ONLY); TRACTOR (FARM TYPE R/T WITH ATTACHMENT, EXCEPT BACKHOE); TUGGER OPERATOR. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES)	$ 41.56	23.40
POWER EQUIPMENT OPERATOR: GROUP 3- A-FRAME TRUCK (2 OR MORE DRUMS); ASSISTANT REFRIGERATION PLANT & CHILLER OPERATOR (OVER 1000 TON); BACKFILLERS (CLEVELAND & SIMILAR); BATCH PLANT & WET MIX OPERATOR, SINGLE UNIT (CONCRETE); BELT-CRETE CONVEYORS WITH POWER PACK OR SIMILAR; BELT LOADER (KOCAL OR SIMILAR); BENDING MACHINE; BOB CAT (SKID STEER); BORING MACHINE (EARTH); BORING MACHINE (ROCK UNDER 8 INCH BIT) (QUARRY MASTER, JOY OR SIMILAR); BUMP CUTTER (WAYNE, SAGINAU OR SIMILAR);		

CANAL LINING MACHINE (CONCRETE); CHIPPER (WITHOUT CRANE); CLEANING & DOPING MACHINE (PIPELINE); DECK ENGINEER; ELEVATING BELT-TYPE LOADER (EUCLID, BARBER GREEN & SIMILAR); ELEVATING GRADER-TYPE LOADER (DUMOR, ADAMS OR SIMILAR); GENERATOR PLANT ENGINEERS (DIESEL OR ELECTRIC); GUNNITE COMBINATION MIXER & COMPRESSOR; LOCOMOTIVE ENGINEER; MIXERMOBILE; MUCKING MACHINE; POSTHOLE AUGER OR PUNCH; PUMP (GROUT OR JET); SOIL STABILIZER (P & H OR SIMILAR); SPREADER MACHINE; DOZER/TRACTOR (UP TO D-6 OR EQUIVALENT) AND TRAXCAVATOR; TRAVERSE FINISH MACHINE; TURNHEAD OPERATOR. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES) ....$ 42.31 23.40

POWER EQUIPMENT OPERATOR: GROUP 4- CONCRETE PUMPS (SQUEEZE-CRETE, FLOW-CRETE, PUMP- CRETE, WHITMAN & SIMILAR); CURB EXTRUDER (ASPHALT OR CONCRETE); DRILLS (CHURN, CORE, CALYX OR DIAMOND); EQUIPMENT SERVICEMAN; GREASER & OILER; HOIST (2 OR MORE DRUMS OR TOWER HOIST); LOADERS (OVERHEAD & FRONT-END, UNDER 4 YDS. R/T); REFRIGERATION PLANT ENGINEER (UNDER 1000 TON); RUBBER-TIRED SKIDDERS (R/T WITH OR WITHOUT ATTACHMENTS); SURFACE HEATER & PLANT MACHINE; TRENCHING MACHINES (UNDER 7 FT. DEPTH CAPACITY); TURNHEAD (WITH RE-SCREENING); VACUUM DRILL (REVERSE CIRCULATION DRILL UNDER 8 INCH BIT). (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES) .....$ 42.51 23.40

POWER EQUIPMENT OPERATOR: GROUP 5- BACKHOE (UNDER 45,000 GW); BACKHOE & HOE RAM (UNDER 3/4 YD.); CARRYDECK & BOOM TRUCK (UNDER 25 TONS); CRANES (25 TONS & UNDER), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; DERRICKS & STIFFLEGS (UNDER 65 TONS); DRILLING EQUIPMENT(8 INCH BIT & OVER) (ROBBINS, REVERSE CIRCULATION & SIMILAR); HOE RAM; PILEDRIVING ENGINEERS; PAVING (DUAL DRUM); RAILROAD TRACK LINER OPERAOTR (SELF-PROPELLED); REFRIGERATION PLANT ENGINEER (1000 TONS & OVER); SIGNALMAN (WHIRLEYS, HIGHLINE HAMMERHEADS OR SIMILAR); GRADE CHECKER. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES) .....$ 42.71 23.40

POWER EQUIPMENT OPERATOR: GROUP 6- ASPHALT PLANT OPERATOR; AUTOMATIC SUBGRADER (DITCHES & TRIMMERS)(AUTOGRADE, ABC, R.A. HANSEN & SIMILAR ON GRADE WIRE); BACKHOE (45,000 GW AND OVER TO 110,000 GW); BACKHOES & HOE RAM (3/4 YD. TO 3 YD.); BATCH PLANT (OVER 4 UNITS); BATCH & WET MIX OPERATOR (MULTIPLE UNITS, 2 & INCL. 4); BLADE OPERATOR

(MOTOR PATROL & ATTACHMENTS); CABLE CONTROLLER (DISPATCHER); COMPACTOR (SELF-PROPELLED WITH BLADE); CONCRETE PUMP BOOM TRUCK; CONCRETE SLIP FORM PAVER; CRANES (OVER 25 TONS, TO AND INCLUDING 45 TONS), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; CRUSHER, GRIZZLE & SCREENING PLANT OPERATOR; DOZER, 834 R/T & SIMILAR; DRILL DOCTOR; LOADER OPERATOR (FRONT-END & OVERHEAD, 4 YDS. INCL. 8 YDS.); MULTIPLE DOZER UNITS WITH SINGLE BLADE; PAVING MACHINE (ASPHALT AND CONCRETE); QUAD-TRACK OR SIMILAR EQUIPMENT; ROLLERMAN (FINISHING ASPHALT PAVEMENT); ROTO MILL (PAVEMENT GRINDER); SCRAPERS, ALL, RUBBER-TIRED; SCREED OPERATOR; SHOVEL(UNDER 3 YDS.); TRENCHING MACHINES (7 FT. DEPTH & OVER); TUG BOAT OPERATOR VACTOR GUZZLER, SUPER SUCKER; LIME BATCH TANK OPERATOR (RECYCLE TRAIN); LIME BRAIN OPERATOR (RECYCLE TRAIN); MOBILE CRUSHER OPERATOR (RECYCLE TRAIN). (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES).....$ 43.05 23.40

POWER EQUIPMENT OPERATOR: GROUP 7- BACKHOE (OVER 110,000 GW); BACKHOES & HOE RAM (3 YDS & OVER); BLADE (FINISH & BLUETOP) AUTOMATIC, CMI, ABC, FINISH ATHEY & HUBER & SIMILAR WHEN USED AS AUTOMATIC; CABLEWAY OPERATORS; CONCRETE CLEANING/DECONTAMINATION MACHINE OPERATOR; CRANES (OVER 45 TONS TO BUT NOT INCLUDING 85 TONS), ALL ATTACHMENTS INCLUDING CLAMSHELL AND DRAGINE; DERRICKS & STIFFLEYS (65 TONS & OVER); ELEVATING BELT (HOLLAND TYPE); HEAVY EQUIPMENT ROBOTICS OPERATOR; LOADER (360 DEGREES REVOLVING KOEHRING SCOOPER OR SIMILAR); LOADERS (OVERHEAD & FRONT-END, OVER 8 YDS. TO 10 YDS.); RUBBER-TIRED SCRAPERS (MULTIPLE ENGINE WITH THREE OR MORE SCRAPERS); SHOVELS (3 YDS. & OVER); WHIRLEYS & HAMMERHEADS, ALL; H.D. MECHANIC; H.D. WELDER; HYDRAULIC PLATFORM TRAILERS (GOLDHOFER, SHAURERLY ANDSIMILAR); ULTRA HIGH PRESSURE WATERIET CUTTING TOOL SYSTEM OPERATOR (30,000 PSI); VACUUM BLASTING MACHINE OPERATOR. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES).....$ 43.39 23.40

POWER EQUIPMENT OPERATOR: GROUP 8- CRANES (85 TONS AND OVER, AND ALL CLIMBING, OVERHEAD,RAIL AND TOWER), ALL ATTACHMENTS INCLUDING CLAMSHELL, DRAGLINE; LOADERS (OVERHEAD AND FRONT-END, 10 YARDS AND OVER); HELICOPTER PILOT. (ADAMS, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, STEVENS, AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES).....$ 45.36 23.40

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	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES, 100 TONS THRU 199 TONS, OR 250 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); TOWER CRANE OVER 175 FT IN HEIGHT, BASE TO BOOM. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....	$ 62.32	27.32
POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES- 200 TONS TO 300 TONS, OR 250 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS; TOWER CRANE OVER 175 FT IN HEIGHT, BASE TO BOOM. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT		

SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 63.22 27.32

POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES-OVER 300 TONS OR 300 FT OF BOOM (INCLUDING JIB WITH ATTACHMENT). (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 64.11 27.32

POWER EQUIPMENT OPERATOR: GROUP 1- CABLEWAY; CRANES 45 TONS THRU 99 TONS UNDER 150 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANE-OVERHEAD, BRIDGE TYPE, 45 TONS THRU 99 TONS; DERRICKS ON BUILDING WORK; EXCAVATOR, SHOVEL, BACKHOES OVER 3 YARDS AND UNDER 6 YARDS; HARD TAIL END DUMP ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS AND OVER; LOADER-OVERHEAD, 6 YARDS TO, BUT NOT INCLUDING, 8 YARDS; MUCKING MACHINE, MOLE, TUNNEL, DRILL AND/OR SHIELD; QUAD 9 HD 41, D-10; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPES-SELF-PROPELLED 45 YARDS AND OVER; SLIPFORM PAVERS; TRANSPORTERS, ALL TRACK OR TRUCK TYPE. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE

BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 61.41 27.32

POWER EQUIPMENT OPERATOR: GROUP 2- BARRIER MACHINE (ZIPPER); BATCH PLANT OPERATOR-CONCRETE; BUMP CUTTER; CRANES, 20 TONS THRU 44 TONS WITH ATTACHMENTS; CRANE-OVERHEAD, BRIDGE TYPE, 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP-TRUCK MOUNT WITH BOOM ATTACHMENT; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); DRILLING MACHINE; EXCAVATOR, SHOVEL, BACKHOE-3 YARDS AND UNDER; FINISHING MACHINE, BIDWELL, GAMACO AND SIMILAR EQUIPMENT; GUARDRAIL PUNCH; LOADERS, OVERHEAD OUNDER 6 YARDS; LOADERS-PLANT FEED; LOCOMOTIVES-ALL; MECHANICS-ALL; MIXERS, ASHALT PLANT; MOTOR PATROL GRADERS, FINISHING; PILEDRIVER (OTHER THAN CRANE MOUNT); ROTO-MILL, ROTO-GRINDER; SCREEDMAN, SPREADER, TOPSIDE OPERATOR-BLAW KNOX, CEDAR RAPIDS, JAEGER, CATERPILLAR, BARBAR GREEN; SCRAPER-SELF-PROPELLED, HARD TAIL END DUMP, ARTICULATING OFF-ROAD EQUIPMENT-UNDER 45 YARDS; SUBGRADER TRIMMER; TRACTORS, BACKHOE OVER 75 HP; TRANSFER MATERIAL SERVICE MACHINE-SHUTTLE BUGGY, BLAW KNOWX-ROADTEC; TRUCK CRANE OILER/DRIVER-100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; YO YO PAY. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT

UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 60.63 27.32

POWER EQUIPMENT OPERATOR: GROUP 3- CONVEYORS; CRANES THROUGH 19 TONS WITH ATTACHMENTS; CRANE-A-FRAME OVER 10 TONS; DRILL OILERS-AUGER TYPE, TRUCK OR CRANE MOUNT; DOZER-D-9 AND UNDER; FORKLIFT-3000 LBS. AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS (ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO TOWER BUCKET AND ELEVATORS; HYDRALIFTS/BOOM TRUCKS OVER 10 TONS; LOADERS-ELEVATING TYPE, BELT; MOTOR PATROL GRADER-NONFINISHING; PLANT OILER-ASPHALT, CRUSHER; PUMP-CONCRETE; ROLLER, PLANT MIX OR MULTI-LIFT MATERIALS; SAWS-CONCRETE; SCRAPERS, CONCRETE AND CARRY ALL; SERVICE ENGINEERS-EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER UNDER 100 TONS; TRACTORS, BACKHOE UNDER 75 HP. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE

PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 59.96 27.32

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE-LASER SCREED; CRANES A-FRAME 10 TONS AND UNDER; ELEVATOR AND MANLIFT (PERMANENT AND SHAFT TYPE); FORKLIFTS-UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER, STAKEHOP; HYDRALIFTS/BOOM TRUCKS, 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION AND MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLD DIGGER-MECHANICAL; POWER PLANT; PUMPS-WATER; RIGGER AND BELLMAN; ROLLER-OTHER THAN PLANT MIX; WHEEL TRACTORS, FARMALL TYPE; SHOTCRETE/GUNITE EQUIPMENT OPERATOR. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (PIERCE COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 56.15 27.32

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	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES, 100 TONS THRU 199 TONS, OR 150 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANE-OVERHEAD, BRIDGE TYPE, 100 TONS AND OVER; TOWER CRANE UP TO 175 FT IN		

HEIGHT BASE TO BOOM; LOADERS-OVERHEAD, 8 YARDS AND OVER; SHOVELS, EXCAVATOR, BACKHOES-6 YARDS AND OVER WITH ATTACHMENTS. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 61.22 27.32

POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES- 200 TONS TO 300 TONS, OR 250 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); TOWER CRANE OVER 175 FT IN HEIGHT, BASE TO BOOM. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A

HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 62.12 27.32

POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES-OVER 300 TONS OR 300 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS). (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 62.99 27.32

POWER EQUIPMENT OPERATOR: GROUP 1- CABLEWAY; CRANES 45 TONS THRU 99 TONS UNDER 150 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANE-OVERHEAD, VRIDGE TYPE, 45 TONS THRU 99 TONS; DERRICKS ON BUILDING WORK; EXCAVATOR, SHOVEL, BACKHOES OVER 3 YARDS AND UNDER 6 YARDS; HARD TAIL END DUMP ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS AND OVER; LOADER-OVERHEAD, 6 YARDS TO, BUT NOT INCLUDING, 8 YARDS; MUCKING MACHINE, MOLE, TUNNEL, DRILL AND/OR SHIELD; QUAD 9 HD 41, D-10; REMOTE CONTROL OPERATOR

ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS-SELF-PROPELLED 45 YARDS AND OVER; SLIPFORM PAVERS; TRANSPORTERS, ALL TRACK OR TRUCK TYPE. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 60.32 27.32

POWER EQUIPMENT OPERATOR: GROUP 2- BARRIER MACHINE (ZIPPER); BATCH PLANT OPERATOR-CONCRETE; BUMP CUTTER; CRANES, 20 TONS THRU 44 TONS WITH ATTACHMENTS; CRANE-OVERHED, BRIDGE TYPE, 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP-TRUCK MOUNT WITH BOOM ATTACHMENT; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); DRILLING MACHINE; EXCAVATOR, SHOVEL, BACKHOE-3 YARDS AND UNDER; FINISHING MACHINE, BIDWELL, GAMACO AND SIMILAR EQUIPMENT; GUARDRAIL PUNCH; LODERS, OVERHEAD UNDER 6 YARDS; LODERS-PLANT FEED; LOCOMOTIVES-ALL; MECHANICS-ALL; MIXERS, ASPHALT PLANT; MOTOR PATROL GRADERS, FINISHING; PILEDRIVER (OTHER THAN CRANE MOUNT); ROTO-MILL, ROTO-GRINDER; SCREEDMAN, SPREADER, TOPSIDE OPERATOR-BLAW KNOX, CEDAR RAPIDS, JAEGER, CATERPILLAR, BARBAR GREEN; SCRAPER-SELF-PROPELLED, HARD TAIL END DUMP, ARTICULATING OFF-ROAD EQUIPMENT-UNDER 45 YARDS; SUBGRADER TRIMMER; TRACTORS, BACKHOE OVER 75 HP; TRANSFER MATERIAL SERVICE MACHINE-SHUTTLE BUGGY, BLAW KNOX-ROADTEC; TRUCK CRANE OILER/DRIVER-100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; YO YO PAY. (ON THE

FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 59.56 27.32

POWER EQUIPMENT OPERATOR: GROUP 3- CONVEYORS; CRANES THROUGH 19 TONS WITH ATTACHMENTS; CRANE-A-FRAME OVER 10 TONS; DRILL OILERS-AUGER TYPE, TRUCK OR CRANE MOUNT; DOZER-D-9 AND UNDER; FORKLIFT-3000 LBS. AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS-(ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS OVER 10 TONS; LOADERS-ELEVATING TYPE, BELT; MOTOR PATROL GRADER-NONFINISHING; PLANT OILER-ASPHALT, CRUSHER; PUMP-CONCRETE; ROLLER, PLANT MIX OR MULTI-LIFT MATERIALS; SAWS-CONCRETE; SCRAPERS, CONCRETE AND CARRY ALL; SERVICE ENGINEERS-EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER UNDER 100 TONS; TRACTORS, BACKHOE UNDER 75 HP. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN

$150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 58.89 27.32

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE-LASER SCREED; CRANES A-FRAME 10 TONS AND UNDER; ELEVATOR AND MANLIFT (PERMANENT AND SHAFT TYPE); FORKLIFTS0UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER, STAKEHOP; HYDRALIFTS/BOOM TRUCKS, 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION AND MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER-MECHANICAL; POWER PLANT; PUMPS-WATER; RIGGER AND BELLMAN; ROLLER-OTHER THAN PLANT MIX; WHEEL TRACTORS, FARMALL TYPE; SHOTCRETE/GUNITE EQUIPMENT OPERATOR. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS

""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (LEWIS AND PACIFIC (PORTION LYING NORTH OF A PARALLEL LINE EXTENDING WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA) COUNTIES; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 55.13 27.32

ENGI0612-012 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANES, 100 TONS THRU 199 TONS, OR 150 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANE-OVERHEAD, BRIDGE TYPE, 100 TONS AND OVER; TOWER CRANE UP TO 175 FT IN HEIGHT BASE TO BOOM; LOADERS-OVERHEAD, 8 YARDS AND OVER; SHOVELS, EXCAVATOR, BACKHOES-6 YARDS AND OVER WITH ATTACHMENTS.(ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 61.81	27.32
POWER EQUIPMENT OPERATOR: GROUP 1AA- CRANES- 200 TONS TO 300 TONS, OR 250 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); TOWER CRANE OVER 175 FT IN HEIGHT, BASE TO BOOM. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION		

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POWER EQUIPMENT OPERATOR: GROUP 1AAA- CRANES-OVER 300 TONS OR 300 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS). (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 63.59 27.32

POWER EQUIPMENT OPERATOR: GROUP 1- CABLEWAY; CRANES 45 TONS THRU 99 TONS UNDER 150 FT OF BOOM (INCLUDING JIB WITH ATTACHMENTS); CRANE-OVERHEAD, VRIDGE TYPE, 45 TONS THRU 99 TONS; DERRICKS ON BUILDING WORK; EXCAVATOR, SHOVEL, BACKHOES OVER 3 YARDS AND UNDER 6 YARDS; HARD TAIL END DUMP ARTICULATING OFF-ROAD EQUIPMENT 45 YARDS AND OVER; LOADER-OVERHEAD, 6 YARDS TO, BUT NOT INCLUDING, 8 YARDS; MUCKING MACHINE, MOLE, TUNNEL, DRILL AND/OR SHIELD; QUAD 9 HD 41, D-10; REMOTE CONTROL OPERATOR ON RUBBER TIRED EARTH MOVING EQUIPMENT; ROLLAGON; SCRAPERS-SELF-PROPELLED 45 YARDS AND OVER; SLIPFORM PAVERS; TRANSPORTERS, ALL TRACK OR TRUCK TYPE. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 60.91 27.32

POWER EQUIPMENT OPERATOR: GROUP 2- BARRIER MACHINE (ZIPPER); BATCH PLANT OPERATOR-CONCRETE; BUMP CUTTER; CRANES, 20 TONS THRU 44 TONS WITH ATTACHMENTS; CRANE-OVERHED, BRIDGE TYPE, 20 TONS THROUGH 44 TONS; CHIPPER; CONCRETE PUMP-TRUCK MOUNT WITH BOOM ATTACHMENT; CRUSHER; DECK ENGINEER/DECK WINCHES (POWER); DRILLING MACHINE; EXCAVATOR, SHOVEL, BACKHOE-3 YARDS AND UNDER; FINISHING MACHINE, BIDWELL, GAMACO AND SIMILAR EQUIPMENT; GUARDRAIL PUNCH; LODERS, OVERHEAD UNDER 6 YARDS; LODERS-PLANT FEED; LOCOMOTIVES-ALL; MECHANICS-ALL; MIXERS, ASPHALT PLANT; MOTOR PATROL GRADERS, FINISHING; PILEDRIVER (OTHER THAN CRANE MOUNT); ROTO-MILL, ROTO-GRINDER; SCREEDMAN, SPREADER, TOPSIDE OPERATOR-BLAW KNOX, CEDAR RAPIDS, JAEGER,

CATERPILLAR, BARBAR GREEN; SCRAPER-SELF-PROPELLED, HARD TAIL END DUMP, ARTICULATING OFF-ROAD EQUIPMENT-UNDER 45 YARDS; SUBGRADER TRIMMER; TRACTORS, BACKHOE OVER 75 HP; TRANSFER MATERIAL SERVICE MACHINE-SHUTTLE BUGGY, BLAW KNOX-ROADTEC; TRUCK CRANE OILER/DRIVER-100 TONS AND OVER; TRUCK MOUNT PORTABLE CONVEYOR; YO YO PAY. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 60.14 27.32

POWER EQUIPMENT OPERATOR:GROUP 3- CONVEYORS; CRANES THROUGH 19 TONS WITH ATTACHMENTS; CRANE-A-FRAME OVER 10 TONS; DRILL OILERS-AUGER TYPE, TRUCK OR CRANE MOUNT; DOZER-D-9 AND UNDER; FORKLIFT-3000 LBS. AND OVER WITH ATTACHMENTS; HORIZONTAL/DIRECTIONAL DRILL LOCATOR; OUTSIDE HOISTS-(ELEVATORS AND MANLIFTS), AIR TUGGERS, STRATO TOWER BUCKET ELEVATORS; HYDRALIFTS/BOOM TRUCKS OVER 10 TONS; LOADERS-ELEVATING TYPE, BELT; MOTOR PATROL GRADER-NONFINISHING; PLANT OILER-ASPHALT, CRUSHER; PUMP-CONCRETE; ROLLER, PLANT MIX OR MULTI-LIFT MATERIALS; SAWS-CONCRETE; SCRAPERS, CONCRETE AND CARRY ALL; SERVICE ENGINEERS-EQUIPMENT; TRENCHING MACHINES; TRUCK CRANE OILER/DRIVER UNDER 100 TONS; TRACTORS, BACKHOE UNDER 75 HP. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY

PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C"" SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 59.46 27.32

POWER EQUIPMENT OPERATOR: GROUP 4- ASSISTANT ENGINEER; BOBCAT; BROOMS; COMPRESSOR; CONCRETE FINISH MACHINE-LASER SCREED; CRANES A-FRAME 10 TONS AND UNDER; ELEVATOR AND MANLIFT (PERMANENT AND SHAFT TYPE); FORKLIFTS0UNDER 3000 LBS. WITH ATTACHMENTS; GRADECHECKER, STAKEHOP; HYDRALIFTS/BOOM TRUCKS, 10 TONS AND UNDER; OIL DISTRIBUTORS, BLOWER DISTRIBUTION AND MULCH SEEDING OPERATOR; PAVEMENT BREAKER; POSTHOLE DIGGER-MECHANICAL; POWER PLANT; PUMPS-WATER; RIGGER AND BELLMAN; ROLLER-OTHER THAN PLANT MIX; WHEEL TRACTORS, FARMALL TYPE; SHOTCRETE/GUNITE EQUIPMENT OPERATOR. (ON THE FOLLOWING PROJECTS, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS: 1. PROJECTS INVOLVING WORK ON STRUCTURES SUCH AS BUILDINGS AND BRIDGES WHOSE TOTAL VALUE IS LESS THAN $1.5 MILLION EXCLUDING MECHANICAL, ELECTRICAL, AND UTILITY PORTIONS OF THE CONTRACT. 2. PROJECTS OF LESS THAN $1 MILLION WHERE NO BUILDING IS INVOLVED. SURFACING AND PAVING INCLUDED, BUT UTILITIES EXCLUDED. 3. MARINE PROJECTS (DOCKS, WHARFS, ETC.) LESS THAN $150,000. ON ALL OTHER WORK, THE PUBLISHED RATES APPLY.) HANDLING OF HAZARDOUS WASTE MATERIALS: PERSONNEL IN ALL CRAFT CLASSIFICATIONS SUBJECT TO WORKING INSIDE A FEDERALLY DESIGNATED HAZARDOUS PERIMETER SHALL BE ELIGIBLE FOR COMPENSATION IN ACCORDANCE WITH THE FOLLOWING GROUP SCHEDULE RELATIVE TO THE LEVEL OF HAZARDOUS WASTE AS OUTLINED IN THE SPECIFIC HAZARDOUS WASTE PROJECT SITE SAFETY PLAN. H-1 BASE WAGE RATE WHEN ON A HAZARDOUS WASTE SITE WHEN NOT OUTFITTED WITH PROTECTIVE CLOTHING, CLASS ""D"" SUIT- BASE WAGE RATE PLUS $0.50 PER HOUR. H-2 CLASS ""C""

SUIT- BASE WAGE RATE PLUS $1.00 PER HOUR. H-3 CLASS ""B"" SUIT- BASE WAGE RATE PLUS $1.50 PER HOUR. H-4 CLASS ""A"" SUIT- BASE WAGE RATE PLUS $2.00 PER HOUR. (THURSTON COUNTY; ZONE DIFFERENTIAL: ZONE 1 (0-25 RADIUS MILES)= BASE RATE. ZONE 2: (26-45 RADIUS MILES)= $1.00. ZONE 3: (OVER 45 RADIUS MILES) = $1.30. BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA).....$ 55.68 27.32

ENGI0701-002 01/01/2025

	Rates	Fringes

POWER EQUIPMENT OPERATOR: GROUP 1- CONCRETE BATCH PLANT AND/OR WET MIX THREE (3) UNITS OR MORE; CRANE, FLOATING 150 TON BUT LESS THAN 250 TON; CRANE, 200 TON THROUGH 299 TON WITH 200' BOOM OR LESS (INCLUDING JOB, INSERTS AND/OR ATTACHMENTS); CRANE, 90 TON THROUGH 199 TON WITH OVER 200' BOOM (INCLUDING JIB, INSERTS AND/OR ATTACHMENTS); CRANE, TOWER CRANE WITH 175' TOWER OR LESS AND WITH LESS THAN 200' JIB; CRANE, WHIRLEY 90 TON AND OVER; HELICOPTER WHEN USED IN ERECTING WORK. (CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST 30 ON I-84 AND WEST OF MILE POST 30 ON STATE HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22 AND ALL JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY, WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATION. FOR THE FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE, GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG- ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE

ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 58.94 17.15
POWER EQUIPMENT OPERATOR: GROUP 1A- CRANE, FLOATING 250 TON AND OVER; CRANE, 200 TON THROUGH 299 TON, WITH OVER 200' BOOM (INCLUDING JIB, INSERTS AND/OR ATTACHMENTS); CRANE, 300 TON THROUGH 399 TON; CRANE, TOWER CRANE WITH OVER 175' TOWER OR OVER 200' JIB; CRANE, TOWER CRANE ON RAIL SYSTEM OR 2ND TOWER OR MORE IN WORK RADIUS. (CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST 30 ON I-84 AND WEST OF MILE POST 30 ON STATE HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22 AND ALL JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY, WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATION. FOR THE FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE, GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG- ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 61.10 17.15
POWER EQUIPMENT OPERATOR: GROUP 1B- CRANE, 300 TON THROUGH 399 TON, WITH OVER 200' BOOM (INCLUDING JIB, INSERTS AND/OR ATTACHMENTS); FLOATING CRANE, 350 TON AND OVER; CRANE, 400 TON AND OVER. (CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS,

AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY
OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST
30 ON I-84 AND WEST OF MILE POST 30 ON STATE
HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22
AND ALL JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY,
WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS
OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN
THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE
1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS
LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY
ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND
CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL
CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE
THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT
OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATION. FOR THE
FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE,
GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG-
ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE
RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES
SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS.
ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND
LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF
THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY
FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS
LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY
HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 63.26 17.15
POWER EQUIPMENT OPERATOR: GROUP 2- ASPHALT PLANT
(ANY TYPE); ASPHALT ROTO-MILL, PAVEMENT PROFILER 8'
LATERAL CUT AND OVER; AUTO GRADER OR ""TRIMMER"";
BLADE, ROBOTIC; BULLDOZER, ROBOTIC EQUIPMENT (ANY
TYPE); BULLDOZER, OVER 120,000 LBS. AND ABOVE;
CONCRETE BATCH PLANT AND/OR WET MIX 1 AND 2 DRUM;
CONCRETE DIAMOND HEAD PROFILER; CANAL TRIMMER;
CONCRETE, AUTOMATIC SLIP FORM PAVER (ASSISTANT TO
THE OPERATOR REQUIRED); CRANE, BOOM TRUCK 50 TON
AND WITH OVER 150' BOOM AND OVER; CRANE, FLOATING
(DERRICK BARGE) 30 TON BUT LESS THAN 150 TON;
CRANE, CABLEWAY 25 TON AND OVER; CRANE, FLOATING
CLAMSHELL 3 CU. YDS. AND OVER; CRANE, 90 TON
THROUGH 199 TON UP TO AND INCLUDING 200' OF BOOM
(INCLUDING JIB INSERTS AND/OR ATTACHMENTS); CRANE,
50 TON THROUGH 89 TON WITH OVER 150' BOOM
(INCLUDING JIB INSERTS AND/OR ATTACHMENTS); CRANE,
WHIRLEY UNDER 90 TON; CRUSHER PLANT; EXCAVATOR OVER
130,000 LBS.; LOADER 120,000 LBS. AND ABOVE; REMOTE
CONTROLLED EARTH MOVING EQUIPMENT; SHOVEL,
DRAGLINE, CLAMSHELL, 5 CU. YDS. AND OVER;
UNDERWATER EQUIPMENT REMOTE OR OTHERWISE, WHEN USED
IN CONSTRUCTION WORK; WHEEL EXCAVATOR ANY SIZE.
(CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH),
SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE
DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE
RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE
FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH;

CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND
COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON
WITH MODIFICATIONS AS INDICATED: ALL JOBS OR
PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND
MARION COUNTIES, WEST OF THE WESTERN OBUNDARY OF
MT. HOOD NATIONAL FOREST AND WEST OF MILE POST 30
ON I-84 AND WEST OF MILE POST 30 ON STATE HIGHWAY
26 AND WEST OF MILE POST 30 ON HIGHWAY 22 AND ALL
JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY,
WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS
OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN
THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE
1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS
LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY
ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND
CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL
CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE
THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT
OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATION. FOR THE
FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE,
GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG-
ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE
RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES
SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS.
ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND
LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF
THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY
FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS
LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY
HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 57.03 17.15
POWER EQUIPMENT OPERATOR: GROUP 3- BULLDOZER, OVER
70,000 LBS. UP TO AND INCLUDING 120,000 LBS.;
CRANE, BOOM TRUCK 50 TON AND OVER WITH LESS THAN
150' BOOM; CRANE, 50 TON THROUGH 89 TON WITH 150'
BOOM OR LESS (INCLUDING JIB INSERTS AND/OR
ATTACHMENTS); CRANE, SHOVEL, DRAGLINE OR CLAMSHELL
3 CU. YDS. BUT LESS THAN 5 CU. YDS.; EXCAVATOR OVER
80,000 LBS. THROUGH 130.000 LBS.; LOADER 60,000
LBS. AND LESS THAN 120,000 LBS. (CLARK, COWLITX,
KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM
COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1
RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3:
$6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES:
MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL;
AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON
WITH MODIFICATIONS AS INDICATED: ALL JOBS OR
PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND
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JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY,
WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS
OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN

THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATION. FOR THE FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE, GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG- ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 55.88 17.15

POWER EQUIPMENT OPERATOR: GROUP 4- ASPHALT, SCREED; ASPHALT PAVER; ASPHALT ROTO-MILL, PAVEMENT PROFILER, UNDER 8' LATERAL CUT; ASPHALT, MATEIRLA TRANSFER VEHICLE OPERATOR; BACK FILLING MACHINE; BACKHOE, ROBOTIC, TRACK AND WHEEL TYPE UP TO AND INCLUDING 20,000 LBS. WITH ANY ATTACHMENTS; BLADE (ANY TYPE); BOATMAN; BORING MACHINE; BULLDOZER OVER 20,000 LBS. AND MORE THAN 100 HORSE UP TO 70,000 LBS.; CABLE-PLOW (ANY TYPE); CABLEWAY UP TO 25 TON; CAT DRILL (JOHN HENRY); CHIPPERS; COMPACTOR, MULTI-ENGINE; COMPACTOR, ROBOTIC; COMPACTOR WITH BLAD SELF-PROPELLED; CONCRETE, BREAKER; CONCRETE, GROUT PLANT; CONCRETE, MIXER MOBILE; CONCRETE, PAVING ROAD MIXER; CONCRETE, REINFORCED TANK BANDING MACHINE; CRANE, BOOM TRUCK 20 TON AND UNDER 50 TON; CRANE, BRIDGE LOCOMOTIVE, GANTRY AND OVERHEAD; CRANE, CARRY DECK; CRANE, CHICAGO BOOM AND SIMILAR TYPES; CRANE, DERRICK OPERATOR UNDER 100 TON; CRANE, FLOATING CLAMSHELL, DRAGLINE, ETC. OPERATOR, UNDER 3 CU. YDS. OR LESS THAN 30 TON; CRANE, UNDER 50 TON; CRANE, QUICK TOWER UNDER 100' IN HEIGHT AND LESS THAN 150' JIB (ON RAIL INCLUDED); DIESEL-ELECTRIC ENGINEER (PLANT OR FLOATING); DIRECTIONAL DRILL OVER 20,000 LBS. PULLBACK; DRILL CAT OPERATOR; DRILL DOCTOR AND/OR BIT GRINDER; DRILLER, PERCUSSION, DIAMOND, CORE, CABLE, ROTARY AND SIMILAR TYPE; EXCAVATOR OPERATOR OVER 20,000 LBS. THROUGH 80,000 LBS.; GENERATOR OPERATOR; GRADE-ALL; GUARDRAIL MACHINES, I.E. PUNCH, AUGER, ETC.' HAMMER OPERATOR (PILEDRIVER); HOIST, STIFF LEG, GUY DERRICK OR SIMILAR TYPE, 50 TON AND OVER; HOIST, 2 DRUMS OR MORE; HYDRO AXE (LOADER MOUNTED OR SIMILA TYPE); JACK OPERATOR, ELEVATING BARGES, BARGE OPERATOR, SELF-UNLOADING; LOADER OPERATOR, FRONT END AND OVERHEAD, 25,000

LBS. AND LESS THAN 60,000 LBS.; LOG SKIDDERS; PILEDRIVER OPERATOR (NOT CRANE TYPE); PIPE, BENDING, CLEANING, DOPING AND WRAPPING MACHINES; RAIL, BALLAST TAMPER MULTI-PURPOSE; RUBBER-TIRED DOZERS AND PUSHERS; SCRAPER, ALL TYPES; SIDE-BOOM; SKIP LOADER, DRAG BOX; STRUMP GRINDER (LOADER MOUNTED OR SIMILAR TYPE); SURFACE HEATER AND PLANER; TRACTOR, RUBBER-TIRED, OVER 50 HP FLYWHEEL; TRENCHING MACHINE 3' DEPTH AND DEEPER; TUB GRINDER (USED FOR WOOD DEBRIS); TUNNEL BORING MACHINE MECHANIC; TUNNEL, MUCKING MACHINE; ULTRA HIGH PRESSURE WATER JET CUTTING TOOL SYSTEM OPERATOR; VACUUM BLASTING MACHINE OPERATOR; WATER PULLS, WATER WAGONS. (CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST 30 ON I-84 AND WEST OF MILE POST 30 ON STATE HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22 AND ALL JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY, WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATION. FOR THE FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE, GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG- ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 52.55 17.15

POWER EQUIPMENT OPERATOR: GROUP 5- ASPHALT, EXTRUSION MACHINE; ASPHALT, ROLLER (ANY ASPHALT MIX); ASPHALT, ROTO-MILL PAVEMENT PROFILER GROUND MAN; BULLDOZER, 20,000 LBS. OR LESS, OR 100 HORSE OR LESS; CEMENT PUMP; CHIP SPREADING MACHINE; CHURN DRILL AND EARTH BORING MACHINE; COMPACTOR,

SELF-PROPELLED WITHOUT BLADE; COMPRESSOR, (ANY POWER) 1,250 CU. FT. AND OVER, TOTAL CAPACITY; CONCRETE, BATCH PLANT QUALITY CONTROL; CONCRETE, COMBINATION MIXER AND COMPRESSOR OPERATOR, GUNITE WORK; CONCRETE, CURB MACHINE, MECHANICAL BERM, CURB AND/OR CURB AND GUTTER; CONCRETE, FINISHING MACHINE; CONCRETE, GROUTING MACHINE; CONCRETE, INTERNAL FULL SLAB VIBRATOR OPERATOR; CONCRETE, JOINT MACHINE; CONCRETE, MIXER SINGLE DRUM, ANDY CAPACITY; CONCRETE, PAVING MACHINE 8' OR LESS; CONCRETE, PLANER; CONCRETE, PUMP; CONCRETE, PUMP TRUCK; CONCRETE, PUMPCRETE OPERATOR (ANY TYPE); CONCRETE, SLIP FORM PUMPS, POWER DRIVEN HYDRAULIC LIFTING DEVICE FOR CONCRETE FORMS; CONVEYORED MATERIAL HANDLER; CRANE, BOOM TRUCK UNDER 20 TONS; CRANE, BOOM TYPE LIFTING DEVICE, 5 TON CAPACITY OR LESS; DRILL, DIRECTIONAL TYPE LESS THAN 20,000 LBS. PULLBACK; FORM LIFT, OVER 10 TON OR ROBOTIC; HELICOPTER HOIST; HOIST OPERATOR, SINGLE DRUM; HYDRAULIC BACKHOE TRACK TYPE UP TO AND INCLUDING 20,000 LBS.; HYDRAUIC BACKHOE WHEEL TYPE (ANY MAKE); LASER SCREED; LOADERS, RUBBER-TIRED TYPE, LESS THAN 25,000 LBS.; PAVEMENT GRINDER AND/OR GROOVING MACHINE (RIDING TYPE); PIPE, CAST IN PLACE PIPE LAYING MACHINE; PULVA-MIXER OR SIMILAR TYPES; PUMP OPERATOR, MORE THAN 5 PUMPS (ANY SIZE); RAIL, BALLAST COMPACTOR, REGULATOR, OR TAMPER MACHINES; SERVICE OILER (GREASER); SWEEPER SELF-PROPELLED; TRACTOR, RUBBER-TIRED, 50 HP FLYWHEEL AND UNDER; TRENCHING MACHINE OPERATOR, MAXIMUM DIGGING CAPACITY 3' DEPTH; TUNNEL, LOCOMOTIVE, DINKEY; TUNNEL, POWER JUMBO SETTING SLIP FORMS, ETC. (CLARK, COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00. ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS, AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST 30 ON I-84 AND WEST OF MILE POST 30 ON STATE HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22 AND ALL JOBS OR PROJECTS LOCATED IN YAMHILL COUNTY, WASHINGTON COUNTY, AND COLUMBIA COUNTY AND ALL JOBS OR PROJECTS LOCATED IN CLARK & COWLITZ COUNTY IN THE MT. ST. HELENS ""BLAST ZONE"" SHALL RECEIVE ZONE 1 PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED IN THE AREA OUTSIDE THE IDENTIFIED BOUNDARY ABOVE, BUT LESS THAN 50 MILES FROM THE PORTLAND CITY HALL SHALL RECEIVE ZONE II PAY FOR ALL CLASSIFICATIONS. ALL JOBS OR PROJECTS LOCATED MORE THAN 50 MILES FROM THE PORTLAND CITY HALL, BUT OUTSIDE THE IDENTIFIED BORDER ABOVE, SHALL RECEIVE

ZONE III PAY FOR ALL CLASSIFICATION. FOR THE
FOLLOWING CITIES: ALBANY, BEND , COOS BAY, EUGENE,
GRANTS PASS, KLAMATH FALLS, MEDFORD, AND ROSEBURG-
ALL JOBS OR PROJECTS LOCATED WITHIN 30 MILES OF THE
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ALL JOBS OR PROJECTS LOCATED MORE THAN 30 MILES AND
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LOCATED MORE THAN 50 MILES FROM THE RESPECTIVE CITY
HALL OF THE AFOREMENTIONED CITIES SHALL RECEIVE
ZONE III PAY FOR ALL CLASSIFICATIONS.....$ 51.31 17.15
POWER EQUIPMENT OPERATOR: GROUP 6- ASPHALT, PUGMILL
(ANY TYPES); ASPHALT, RAKER; ASPHALT, TRUCK MOUNTED
ASPHALT SPREADER, WITH SCREED; SUGER OILER;
BOATMAN; BOBCAT, SKID STEER (LESS THAN 1 YRD);
BROOM, SELF-PROPELLED; COMPRESSOR OPERATOR (ANY
POWER) UNDER 1,250 CU. FT. TOTAL CAPACITY; CONCRETE
CURING MACHINE (RIDING TYPE); CONCRETE SAW;
CONVEYOR OPERATOR OR ASSISTANT; CRANE, TUGGER;
CRUSHER FEEDERMAN; CRUSHER OILER; DECKHAND; DRILL,
DIRECTIONAL LOCATOR; FORK LIFT; GRADE CHECKER;
GUARDRAIL PUNCHOILER; HUDROGRAPHIC SEEDER MACHINE,
STRAW, PULP OR SEED; HYDROSTATIC PUMP OPERATOR;
MIXER BOX (CTB, DRY BATCH, ETC.); OILER; PLANT
OILER; PUMP (ANY POWER); RAIL, BRAKEMAN, SWITCHMAN,
MOTORMAN; RAIL, TAMPING MACHINE, MECHANICAL,
SELF-PROPELLED; RIGGER; ROLLER GRADING (NOT
ASPHALT); TRUCK, CRANE OILER-DRIVER. (CLARK,
COWLITX, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND
WAHKIAKUM COUNTIES). ZONE DIFFERENTIALS (ADD TO
ZONE 1 RATES). ZONE 1: BASE RATE. ZONE 2: $3.00.
ZONE 3: $6.00. FOR THE FOLLOWING METROPOLITAN
COUNTIES: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON;
YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY,
WASHINGTON WITH MODIFICATIONS AS INDICATED: ALL
JOBS OR PROJECTS LOCATED IN MULTNOMAH, CLACKAMAS,
AND MARION COUNTIES, WEST OF THE WESTERN OBUNDARY
OF MT. HOOD NATIONAL FOREST AND WEST OF MILE POST
30 ON I-84 AND WEST OF MILE POST 30 ON STATE
HIGHWAY 26 AND WEST OF MILE POST 30 ON HIGHWAY 22
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IRON0014-005 07/07/2025

	Rates	Fringes
IRONWORKER (ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA, AND WHITMAN COUNTIES).....	$ 43.40	32.77

IRON0029-002 07/07/2025

	Rates	Fringes
IRONWORKER (CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM COUNTIES).....	$ 48.31	34.52

IRON0086-002 07/07/2025

	Rates	Fringes
IRONWORKER (YAKIMA, KITTITAS AND CHELAN COUNTIES)...	$ 43.40	32.77

IRON0086-004 07/07/2025

	Rates	Fringes
IRONWORKER (CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOME COUNTIES).	$ 57.94	34.52

LABO0238-004 06/01/2025

	Rates	Fringes
LABORER: GROUP 1, AREA A-1 - FLAGMAN; LANDSCAPE LABORER; SCALEMAN; TRAFFIC CONTROL MAINTENANCE LABORER (TO INCLUDE ERECTION AND MAINTENANCE OF BARRICADES, SIGNS AND RELIEF OF FLAGPERSON); WINDOW WASHER/CLEANER (DETAIL CLEANUP, SUCH AS, BUT NOT LIMITED TO CLEANING FLOORS, CEILINGS, WALLS, WINDOWS, ETC. PRIOR TO FINAL ACCEPTANCE BY THE OWNER) (A-1 AREA: ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN, SPOKANE, WALLA WALLA, AND WHITMAN COUNTIES).....	$ 34.03	16.90
LABORER: GROUP 2, AREA A-1 - ASBESTOS ABATEMENT WORKER; BRUSH HOG FEEDER; CARPENTER TENDER; CEMENT HANDLER; CLEAN-UP LABORER; CONCRETE CREWMAN (TO INCLUDE STRIPPING OF FORMS, HAND OPERATING JACKS ON SLIP FORM CONSTRUCTION, APPLICATION OF CONCRETE CURING COMPOUNDS, PUMPCRETE MACHINE, SIGNALING,		

HANDLIGN THE NOZZLE OF SQUEEZCRETE OR SIMILAR
MACHINE, 6 INCHES AND SMALLER); CONFINED SPACE
ATTENDANT; CONCRETE SIGNALMAN; CRUSHER FEEDER;
DEMOLITION (TO INCLUDE CLEAN-UP, CURNING, LOADING,
WRECKING AND SALVAGE OF ALL MATERIAL); DUMPMAN;
FENCE ERECTOR; FIREWATCH; FORM CLEANING MACHINE
FEEDER, STACKER, GENERAL LABORER; GROUT MACHINE
HEADER TENDER; GUARD RAIL (TO INCLUDE GUARD RAILS,
GUIDE AND REFERENCE POSTS, SIGN POSTS, AND
RIGHT-OF-WAY MARKERS); HAZARDOUS WASTE WORKER,
LEVEL D (NO RESPIRATOR IS USED AND SKIN PROTECTION
IS MINIMAL); MINER, CLASS ""A"" (TO INCLUDE ALL BULL
GANG, CONCRETE CREWMAN, DUMPAN AND PUMPCRETE
CREWMAN, INCLUDING DISTRIBUTING PIPE, ASSEMBLY &
DISMANTLE, AND NIPPER), NIPPER; RIPRAP MAN;
SANDBLAST TAILHOSEMAN; SCAFFOLD ERECTOR (WOOD OR
STEEL); STAKE JUMPER; STRUCTURAL MOVER (TO INCLUDE
SEPARATING FOUNDATION, PREPARATION, CRIBBING,
SHORING, JACKING AND UNLOADING OF STRUCTURES);
TAILHOSEMAN (WATER NOZZLE); TIMBER BUCKER AND
FALLER (BY HAND); TRACK LABORER (RR); TRUCK LOADER;
WELL-POINT MAN; ALL OTHER WORK CLASSIFICATIONS NOT
SPECIFICALLY LISTED SHALL BE CLASSIFIED AS GENERAL
LABORER. (A-1 AREA: ASOTIN, BENTON, FRANKLIN,
GARFIELD, LINCOLN, SPOKANE, WALLA WALLA, AND
WHITMAN COUNTIES).....$ 37.13 16.90
LABORER: GROUP 3, AREA A-1 - ASPHALT ROLLER,
WALKING; CEMENT FINISHER TENDER; CONCRETE SAW,
WALKING; DEMOLITION TORCH; DOPE POT FIREMEN,
NON-MECHANICAL; DRILLER TENDER (WHEN REQUIRED TO
MOVE AND POSITION MACHINE); FORM SETTER, PAVING;
GRADE CHECKER USING LEVEL; HAZARDOUS WASTE WORKER,
LEVEL C (USES A CHEMICAL ""SPLASH SUIT"" AND AIR
PURIFYING RESPIRATOR); JACKHAMMER OPERATOR; MINER,
CLASS ""B"" (TO INCLUDE BRAKEMAN, FINISHER, VIBRATOR,
FORM SETTER); NOZZLEMAN (TO INCLUDE SQUEEZE AND
FLO-CRETE NOAZZLE); NOZZLEMAN, WATER, AIR OR STEAM;
PAVEMENT BREAKER (UNDER 90 LBS.); PIPELAYER,
CORRUGATED METAL CULVERT; PIPELAYER, MULTI-PLATE;
POT TENDER; POWER BUGGY OPERATOR; POWER TOOL
OPERATOR, GAS, ELECTRIC, PNEUMATIC; RAILROAD
EQUIPMENT, POWER DRIVEN, EXCEPT DUAL MOBILE POWER
SPIKER OR PULLER; RAILROAD POWER SPIKER OR PULLER,
DUAL MOBILE; RODDER AND SPREADER; TAMPER (TO
INCLUDE OPERATION OF BARCO, ESSEX AND SIMILAR
TAMPERS); TRENCHER, SHAWNEE; TUGGER OPERATOR; WAGON
DRILLS; WATER PIPE LINER; WHEELBARROW (POWER
DRIVEN). (A-1 AREA: ASOTIN, BENTON, FRANKLIN,
GARFIELD, LINCOLN, SPOKANE, WALLA WALLA, AND
WHITMAN COUNTIES).....$ 37.46 16.90
LABORER: GROUP 4, AREA A-1 - AIR AND HYDRAULIC
TRACK DRILL; ASPHALT RAKER; BRUSH MACHINE (TO
INCLUDE HORIZONTAL CONSTRUCTION JOINT CLEANUP BRUSH
MACHINE, POWER PROPELLED); CAISSON WORKER, FREE
AIR; CHAIN SAW OPERATOR AND FALLER; CONCRETE STACK
(TO INCLUDE LABORERS WHEN LABORERS WORKING ON FREE

STANDING CONCRETE STACKS FOR SMOKE OR FUME CONTROL
ABOVE 40 FEET HIGH); GUNITE (TO INCLUDE OPERATION
OF MACHINE AND NOZZLE); HAZARDOUS WASTE WORKER,
LEVEL B (USES SAME RESPIRATOR PROTECTION AS LEVEL
A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION
WITH A CHEMICAL ""SPLASH SUIT""); HIGH SCALER; LASER
BEAM OPERATOR (TO INLCUDE GRADE CHECKER AND
ELEVATION CONTROL); MINER, CLASS C (TO INCLUDE
MINER, NOZZLEMAN FOR CONCRETE, LASER BEAM OPERATOR
AND RIGGER ON TUNNELS); MONITOR OPERATOR (AIR TRACK
OR SIMILAR MOUNTING); MORTAR MIXER; NOZZLEMAN (TO
INCLUDE JET BLASTING NOZZLEMAN, OVER 1,200 LBS.,
JET BLAST MACHINE POWER PROPELLED, SANDBLAST
NOZZLE); PAVEMENT BREAKER (90 LBS. AND OVER);
PIPELAYER (TO INCLUDE WORKING TOPMAN, CAULKER,
COLLARMAN, JOINTER, MORTARMAN, RIGGER, JACKER,
SHORER, VALVE OR METER INSTALLER); PIPEWRAPPER;
PLASTERER TENDER; VIBRATORS (ALL). (A-1 AREA:
ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN,
SPOKANE, WALLA WALLA, AND WHITMAN COUNTIES).....$ 37.80 16.90
LABORER: GROUP 5, AREA A-1 - DRILLS WITH DUAL
MASTS: HAZARDOUS WASTE WORKER, LEVEL A (UTILIZES A
FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS OR A SUPPLIED AIR LINE); MINER
CLASS ""D"", TO INCLUDE RAISE AND SHAFT MINER, LASER
BEAM OPERATOR ON RAISES AND SHAFTS). (A-1 AREA:
ASOTIN, BENTON, FRANKLIN, GARFIELD, LINCOLN,
SPOKANE, WALLA WALLA, AND WHITMAN COUNTIES A-2
AREA: ADAMS,COLUMBIA,DOUGLAS (EAST OF 120TH
MERIDIAN), FERRY, GRANT, OKANOGAN, PEND OREILLE,
AND STEVENS COUNTIES).....$ 38.14 16.90
LABORER: GROUP 1, AREA A-2 - FLAGMAN; LANDSCAPE
LABORER; SCALEMAN; TRAFFIC CONTROL MAINTENANCE
LABORER (TO INCLUDE ERECTION AND MAINTENANCE OF
BARRICADES, SIGNS AND RELIEF OF FLAGPERSON); WINDOW
WASHER/CLEANER (DETAIL CLEANUP, SUCH AS, BUT NOT
LIMITED TO CLEANING FLOORS, CEILINGS, WALLS,
WINDOWS, ETC. PRIOR TO FINAL ACCEPTANCE BY THE
OWNER) (A-2 AREA: ADAMS, COLUMBIA, DOUGLAS (EAST OF
120TH MERIDIAN), FERRY, GRANT, OKANOGAN, PEND
OREILLE, AND STEVENS COUNTIES).....$ 37.03 16.90
LABORER: GROUP 2, AREA A-2 - ASBESTOS ABATEMENT
WORKER; BRUSH HOG FEEDER; CARPENTER TENDER; CEMENT
HANDLER; CLEAN-UP LABORER; CONCRETE CREWMAN (TO
INCLUDE STRIPPING OF FORMS, HAND OPERATING JACKS ON
SLIP FORM CONSTRUCTION, APPLICATION OF CONCRETE
CURING COMPOUNDS, PUMPCRETE MACHINE, SIGNALING,
HANDLIGN THE NOZZLE OF SQUEEZCRETE OR SIMILAR
MACHINE, 6 INCHES AND SMALLER); CONFINED SPACE
ATTENDANT; CONCRETE SIGNALMAN; CRUSHER FEEDER;
DEMOLITION (TO INCLUDE CLEAN-UP, CURNING, LOADING,
WRECKING AND SALVAGE OF ALL MATERIAL); DUMPMAN;
FENCE ERECTOR; FIREWATCH; FORM CLEANING MACHINE
FEEDER, STACKER, GENERAL LABORER; GROUT MACHINE
HEADER TENDER; GUARD RAIL (TO INCLUDE GUARD RAILS,
GUIDE AND REFERENCE POSTS, SIGN POSTS, AND

RIGHT-OF-WAY MARKERS); HAZARDOUS WASTE WORKER,
LEVEL D (NO RESPIRATOR IS USED AND SKIN PROTECTION
IS MINIMAL); MINER, CLASS ""A"" (TO INCLUDE ALL BULL
GANG, CONCRETE CREWMAN, DUMPAN AND PUMPCRETE
CREWMAN, INCLUDING DISTRIBUTING PIPE, ASSEMBLY &
DISMANTLE, AND NIPPER), NIPPER; RIPRAP MAN;
SANDBLAST TAILHOSEMAN; SCAFFOLD ERECTOR (WOOD OR
STEEL); STAKE JUMPER; STRUCTURAL MOVER (TO INCLUDE
SEPARATING FOUNDATION, PREPARATION, CRIBBING,
SHORING, JACKING AND UNLOADING OF STRUCTURES);
TAILHOSEMAN (WATER NOZZLE); TIMBER BUCKER AND
FALLER (BY HAND); TRACK LABORER (RR); TRUCK LOADER;
WELL-POINT MAN; ALL OTHER WORK CLASSIFICATIONS NOT
SPECIFICALLY LISTED SHALL BE CLASSIFIED AS GENERAL
LABORER.(A-2 AREA: ADAMS,COLUMBIA,DOUGLAS (EAST OF
120TH MERIDIAN), FERRY, GRANT, OKANOGAN, PEND
OREILLE, AND STEVENS COUNTIES).....$ 40.13 16.90
LABORER: GROUP 3, AREA A-2 - ASPHALT ROLLER,
WALKING; CEMENT FINISHER TENDER; CONCRETE SAW,
WALKING; DEMOLITION TORCH; DOPE POT FIREMEN,
NON-MECHANICAL; DRILLER TENDER (WHEN REQUIRED TO
MOVE AND POSITION MACHINE); FORM SETTER, PAVING;
GRADE CHECKER USING LEVEL; HAZARDOUS WASTE WORKER,
LEVEL C (USES A CHEMICAL ""SPLASH SUIT"" AND AIR
PURIFYING RESPIRATOR); JACKHAMMER OPERATOR; MINER,
CLASS ""B"" (TO INCLUDE BRAKEMAN, FINISHER, VIBRATOR,
FORM SETTER); NOZZLEMAN (TO INCLUDE SQUEEZE AND
FLO-CRETE NOAZZLE); NOZZLEMAN, WATER, AIR OR STEAM;
PAVEMENT BREAKER (UNDER 90 LBS.); PIPELAYER,
CORRUGATED METAL CULVERT; PIPELAYER, MULTI-PLATE;
POT TENDER; POWER BUGGY OPERATOR; POWER TOOL
OPERATOR, GAS, ELECTRIC, PNEUMATIC; RAILROAD
EQUIPMENT, POWER DRIVEN, EXCEPT DUAL MOBILE POWER
SPIKER OR PULLER; RAILROAD POWER SPIKER OR PULLER,
DUAL MOBILE; RODDER AND SPREADER; TAMPER (TO
INCLUDE OPERATION OF BARCO, ESSEX AND SIMILAR
TAMPERS); TRENCHER, SHAWNEE; TUGGER OPERATOR; WAGON
DRILLS; WATER PIPE LINER; WHEELBARROW (POWER
DRIVEN).(A-2 AREA: ADAMS,COLUMBIA,DOUGLAS (EAST OF
120TH MERIDIAN), FERRY, GRANT, OKANOGAN, PEND
OREILLE, AND STEVENS COUNTIES).....$ 40.46 16.90
LABORER: GROUP 4, AREA A-2 - AIR AND HYDRAULIC
TRACK DRILL; ASPHALT RAKER; BRUSH MACHINE (TO
INCLUDE HORIZONTAL CONSTRUCTION JOINT CLEANUP BRUSH
MACHINE, POWER PROPELLED); CAISSON WORKER, FREE
AIR; CHAIN SAW OPERATOR AND FALLER; CONCRETE STACK
(TO INCLUDE LABORERS WHEN LABORERS WORKING ON FREE
STANDING CONCRETE STACKS FOR SMOKE OR FUME CONTROL
ABOVE 40 FEET HIGH); GUNITE (TO INCLUDE OPERATION
OF MACHINE AND NOZZLE); HAZARDOUS WASTE WORKER,
LEVEL B (USES SAME RESPIRATOR PROTECTION AS LEVEL
A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION
WITH A CHEMICAL ""SPLASH SUIT""); HIGH SCALER; LASER
BEAM OPERATOR (TO INLCUDE GRADE CHECKER AND
ELEVATION CONTROL); MINER, CLASS C (TO INCLUDE
MINER, NOZZLEMAN FOR CONCRETE, LASER BEAM OPERATOR

AND RIGGER ON TUNNELS); MONITOR OPERATOR (AIR TRACK
OR SIMILAR MOUNTING); MORTAR MIXER; NOZZLEMAN (TO
INCLUDE JET BLASTING NOZZLEMAN, OVER 1,200 LBS.,
JET BLAST MACHINE POWER PROPELLED, SANDBLAST
NOZZLE); PAVEMENT BREAKER (90 LBS. AND OVER);
PIPELAYER (TO INCLUDE WORKING TOPMAN, CAULKER,
COLLARMAN, JOINTER, MORTARMAN, RIGGER, JACKER,
SHORER, VALVE OR METER INSTALLER); PIPEWRAPPER;
PLASTERER TENDER; VIBRATORS (ALL). (A-2 AREA:
ADAMS,COLUMBIA,DOUGLAS (EAST OF 120TH MERIDIAN),
FERRY, GRANT, OKANOGAN, PEND OREILLE, AND STEVENS
COUNTIES).....$ 40.80 16.90
LABORER: GROUP 5, AREA A-2 - DRILLS WITH DUAL
MASTS: HAZARDOUS WASTE WORKER, LEVEL A (UTILIZES A
FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS OR A SUPPLIED AIR LINE); MINER
CLASS ""D"", TO INCLUDE RAISE AND SHAFT MINER, LASER
BEAM OPERATOR ON RAISES AND SHAFTS). (A-2 AREA:
ADAMS,COLUMBIA,DOUGLAS (EAST OF 120TH MERIDIAN),
FERRY, GRANT, OKANOGAN, PEND OREILLE, AND STEVENS
COUNTIES).....$ 41.14 16.90

LABO0238-006 06/01/2025

	Rates	Fringes
HOD CARRIER (COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN)	$ 38.05	16.75

LABO0242-003 06/01/2025

	Rates	Fringes
LABORER: ZONE 1: GROUP 1- LANDSCAPING AND PLANTING; WATCHMAN; WINDOW WASHER/CLEANER (DETAIL CLEAN-UP, SUCH AS BUT NOT LIMITED TO CLEANING FLOORS, CEILINGS, WALLS, WINDOWS, ETC., PRIOR TO FINAL ACCEPTANCE BY THE OWNER) (KING COUNTY) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25	$ 36.07	15.79

LABORER: ZONE 1: GROUP 2A- BATCH WEIGHMAN; CRUSHER FEEDER; FENCE LABORER; FLAGMAN; PILOT CAR
(KING COUNTY)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 40.88 16.72

LABORER: ZONE 1: GROUP 3- GENERAL LABORER; AIR, GAS, OR ELECTRIC VIBRATING SCREED; ASBESTOS ABATEMENT LABORER; BALLAST REGULATOR MACHINE; BRUSH CUTTER; BRUSH HOG FEEDER; BURNER; CARPENTER TENDER; CEMENT FINISHER TENDER; CHANGE HOUSE OR DRY SHACK; CHIPPING GUN (UNDER 30 LBS.); CHOKER SETTER; CHUCK TENDER; CLEAN-UP LABORER; CONCRETE FORM STRIPPER; CURING LABORER; DEMOLITION (WRECKING AND MOVING INCLUDING CHARRED MATERIAL); DITCH DIGGER; DUMP PERSON; FINE GRADERS; FIREWATCH; FORM SETTER; GABIAN BASKET BUILDERS; GROUT MACHINE TENDER; GRINDERS; GUARDRAIL ERECTOR; HAZARDOUS WASTE WORKER (LEVEL C: USES A CHEMICAL ""SPLASH SUIT"" AND AIR PURIFYING RESPIRATOR); MAINTENANCE PERSON; MATERIAL YARD PERSON; POT TENDER; RIP RAP PERSON; RIGGERS; SCALE PERSON; SLOPER SPRAYER; SIGNAL PERSON; STOCK PILER; STAKE HOPPER; TOOLROOM MAN (AT JOB SITE); TOPPER-TAILER; TRACK LABORER; TRUCK SPOTTER; VINYL SEAMER
(KING COUNTY)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 50.38 16.96

LABORER: ZONE 1: GROUP 4- CEMENT DUMPER-PAVING; CHIPPING GUN (OVER 30 LBS.); CLARY POWER SPREADER; CONCRETE DUMPER/CHUTE OPERATOR; CONCRETE SAW OPERATOR; DRILL OPERATOR (HYDRAULIC, DIAMOND, AIARTRAC); FALLER AND BUCKER CHAIN SAW; GRADE CHECKER AND TRANSIT PERSON; GROUTMEN (PRESSURE) INCLUDING POST TENSION BEAMS; HAZARDOUS WASTE WORKER (LEVEL B: USES SAME RESPIRATOR PROTECTION AS LEVEL A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT""); HIGH SCALER; JACKHAMMER; LASERBEAM OPERATOR; MANHOLE BUILDER-MUDMAN; NOZZLEMAN (CONCRETE PUMP, GREEN CUTTER WHEN USING COMBINATION OF HIGH PRESSURE AIR AND WATER ON CONCRETE AND ROCK, SANDBLAST, GUNITE, SHOTCRETE, WATER BLASTER, VACUUM BLASTER); PAVEMENT BREAKER; PIPE LAYER AND CAULKER; PIPE POT TENDER; PIPE RELINER (NOT INSERT TYPE); PIPE WRAPPER; POWER JACKS; RAILROAD SPIKE PULLER-POWER; RAKER-ASPHALT; RIVET BUSTER; RODDER; SLOPER (OVER 20 FT); SPREADER (CONCRETE); TAMPER AND SIMILAR ELECTRIC, AIR AND GLAS OPERATED TOOL; TIMBER PERSON-SEWER (LAGGER SHORER AND CRIBBER); TRACK LINER POWER; TUGGER OPERATOR; VIBRATOR; WELL POINT LABORER
(KING COUNTY)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.$ 51.52 16.99
LABORER: ZONE 1: GROUP 5- CAISSON WORKER; MORTARMAN AND HODCARRIER; POWDERMAN; RE-TIMBERMAN; HAZARDOUS WASTE WORKER (LEVEL A: UTILIZES A FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE).
(KING COUNTY)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN

25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 52.31 17.01

LABORER: ZONE 1: GROUP 6- MINER
(KING COUNTY)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 53.99 17.05

LABO0252-010 06/01/2025

	Rates	Fringes
LABORER: ZONE 1: GROUP 1 LANDSCAPING AND PLANTING; WATCHMAN; WINDOW WASHER/CLEANER (DETAIL CLEAN-UP, SUCH AS BUT NOT LIMITED TO CLEANING FLOORS, CEILINGS, WALLS, WINDOWS, ETC., PRIOR TO FINAL ACCEPTANCE BY THE OWNER) (CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....	$ 36.07	15.79
LABORER: ZONE 1: GROUP 2 BATCH WEIGHMAN; CRUSHER FEEDER; FENCE LABORER; FLAGMAN; PILOT CAR (CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND		

BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 40.88 16.72
LABORER: ZONE 1: GROUP 3 GENERAL LABORER; AIR, GAS, OR ELECTRIC VIBRATING SCREED; ASBESTOS ABATEMENT LABORER; BALLAST REGULATOR MACHINE; BRUSH CUTTER; BRUSH HOG FEEDER; BURNER; CARPENTER TENDER; CEMENT FINISHER TENDER; CHANGE HOUSE OR DRY SHACK; CHIPPING GUN (UNDER 30 LBS.); CHOKER SETTER; CHUCK TENDER; CLEAN-UP LABORER; CONCRETE FORM STRIPPER; CURING LABORER; DEMOLITION (WRECKING AND MOVING INCLUDING CHARRED MATERIAL); DITCH DIGGER; DUMP PERSON; FINE GRADERS; FIREWATCH; FORM SETTER; GABIAN BASKET BUILDERS; GROUT MACHINE TENDER; GRINDERS; GUARDRAIL ERECTOR; HAZARDOUS WASTE WORKER (LEVEL C: USES A CHEMICAL ""SPLASH SUIT"" AND AIR PURIFYING RESPIRATOR); MAINTENANCE PERSON; MATERIAL YARD PERSON; POT TENDER; RIP RAP PERSON; RIGGERS; SCALE PERSON; SLOPER SPRAYER; SIGNAL PERSON; STOCK PILER; STAKE HOPPER; TOOLROOM MAN (AT JOB SITE); TOPPER-TAILER; TRACK LABORER; TRUCK SPOTTER; VINYL SEAMER
(CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 50.38 16.96
LABORER: ZONE 1: GROUP 4 CEMENT DUMPER-PAVING; CHIPPING GUN (OVER 30 LBS.); CLARY POWER SPREADER; CONCRETE DUMPER/CHUTE OPERATOR; CONCRETE SAW OPERATOR; DRILL OPERATOR (HYDRAULIC, DIAMOND, AIARTRAC); FALLER AND BUCKER CHAIN SAW; GROUTMEN (PRESSURE) INCLUDING POST TENSION BEAMS; HAZARDOUS WASTE WORKER (LEVEL B: USES SAME RESPIRATOR

PROTECTION AS LEVEL A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT""); JACKHAMMER; LASERBEAM OPERATOR; MANHOLE BUILDER-MUDMAN; NOZZLEMAN (CONCRETE PUMP, GREEN CUTTER WHEN USING COMBINATION OF HIGH PRESSURE AIR AND WATER ON CONCRETE AND ROCK, SANDBLAST, GUNITE, SHOTCRETE, WATER BLASTER, VACUUM BLASTER); PAVEMENT BREAKER; PIPE LAYER AND CAULKER; PIPE POT TENDER; PIPE RELINER (NOT INSERT TYPE); PIPE WRAPPER; POWER JACKS; RAILROAD SPIKE PULLER-POWER; RAKER-ASPHALT; RIVET BUSTER; RODDER; SLOPER (OVER 20 FT); SPREADER (CONCRETE); TAMPER AND SIMILAR ELECTRIC, AIR AND GLAS OPERATED TOOL; TIMBER PERSON-SEWER (LAGGER SHORER AND CRIBBER); TRACK LINER POWER; TUGGER OPERATOR; VIBRATOR; WELL POINT LABORER
(CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 51.52 16.99
LABORER: ZONE 1: GROUP 5 CAISSON WORKER; MINER; MORTARMAN AND HODCARRIER; GRADE CHECKER AND TRANSIT PERSON; HIGH SCALER; POWDERMAN; RE-TIMBERMAN; HAZARDOUS WASTE WORKER (LEVEL A: UTILIZES A FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE).
(CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1

RATES): ZONE 2 - $2.25.....$ 52.31 17.01

LABO0292-008 06/01/2025

	Rates	Fringes
LABORER: ZONE 1: GROUP 1 LANDSCAPING AND PLANTING; WATCHMAN; WINDOW WASHER/CLEANER (DETAIL CLEAN-UP, SUCH AS BUT NOT LIMITED TO CLEANING FLOORS, CEILINGS, WALLS, WINDOWS, ETC., PRIOR TO FINAL ACCEPTANCE BY THE OWNER) (ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....	$ 36.07	15.79
LABORER: ZONE 1: GROUP 2 BATCH WEIGHMAN; CRUSHER FEEDER; FENCE LABORER; FLAGMAN; PILOT CAR (ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.	$ 40.88	16.72
LABORER: ZONE 1: GROUP 3 GENERAL LABORER; AIR, GAS, OR ELECTRIC VIBRATING SCREED; ASBESTOS ABATEMENT LABORER; BALLAST REGULATOR MACHINE; BRUSH CUTTER; BRUSH HOG FEEDER; BURNER; CARPENTER TENDER; CEMENT FINISHER TENDER; CHANGE HOUSE OR DRY SHACK; CHIPPING GUN (UNDER 30 LBS.); CHOKER SETTER; CHUCK TENDER; CLEAN-UP LABORER; CONCRETE FORM STRIPPER; CURING LABORER; DEMOLITION (WRECKING AND MOVING INCLUDING CHARRED MATERIAL); DITCH DIGGER; DUMP PERSON; FINE GRADERS; FIREWATCH; FORM SETTER;		

GABIAN BASKET BUILDERS; GROUT MACHINE TENDER; GRINDERS; GUARDRAIL ERECTOR; HAZARDOUS WASTE WORKER (LEVEL C: USES A CHEMICAL ""SPLASH SUIT"" AND AIR PURIFYING RESPIRATOR); MAINTENANCE PERSON; MATERIAL YARD PERSON; POT TENDER; RIP RAP PERSON; RIGGERS; SCALE PERSON; SLOPER SPRAYER; SIGNAL PERSON; STOCK PILER; STAKE HOPPER; TOOLROOM MAN (AT JOB SITE); TOPPER-TAILER; TRACK LABORER; TRUCK SPOTTER; VINYL SEAMER

(ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES)

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 50.38 16.96

LABORER: ZONE 1: GROUP 4 CEMENT DUMPER-PAVING; CHIPPING GUN (OVER 30 LBS.); CLARY POWER SPREADER; CONCRETE DUMPER/CHUTE OPERATOR; CONCRETE SAW OPERATOR; DRILL OPERATOR (HYDRAULIC, DIAMOND, AIARTRAC); FALLER AND BUCKER CHAIN SAW; GRADE CHECKER AND TRANSIT PERSON; GROUTMEN (PRESSURE) INCLUDING POST TENSION BEAMS; HAZARDOUS WASTE WORKER (LEVEL B: USES SAME RESPIRATOR PROTECTION AS LEVEL A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT""); HIGH SCALER; JACKHAMMER; LASERBEAM OPERATOR; MANHOLE BUILDER-MUDMAN; NOZZLEMAN (CONCRETE PUMP, GREEN CUTTER WHEN USING COMBINATION OF HIGH PRESSURE AIR AND WATER ON CONCRETE AND ROCK, SANDBLAST, GUNITE, SHOTCRETE, WATER BLASTER, VACUUM BLASTER); PAVEMENT BREAKER; PIPE LAYER AND CAULKER; PIPE POT TENDER; PIPE RELINER (NOT INSERT TYPE); PIPE WRAPPER; POWER JACKS; RAILROAD SPIKE PULLER-POWER; RAKER-ASPHALT; RIVET BUSTER; RODDER; SLOPER (OVER 20 FT); SPREADER (CONCRETE); TAMPER AND SIMILAR ELECTRIC, AIR AND GLAS OPERATED TOOL; TIMBER PERSON-SEWER (LAGGER SHORER AND CRIBBER); TRACK LINER POWER; TUGGER OPERATOR; VIBRATOR; WELL POINT LABORER

(ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES)

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE

CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.$ 51.52 16.99

LABORER: ZONE 1: GROUP 5 CAISSON WORKER; MINER; MORTARMAN AND HODCARRIER; POWDERMAN; RE-TIMBERMAN; HAZARDOUS WASTE WORKER (LEVEL A: UTILIZES A FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE).

(ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES)

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30 BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 52.31 17.01

LABO0335-022 06/01/2025

	Rates	Fringes
LABORER: GROUP 1 LANDSCAPING, AND/OR PLANTING LABORERS (CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES).....	$ 32.67	15.60
LABORER: GROUP 2 FENCE BUILDERS AND TRAFFIC FLAGGERS (CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES).....	$ 40.56	15.60

LABORER: GROUP 3 ASPHALT PLANT LABORERS; ASPHALT SPREADERS; BATCH WEIGHMAN; BROOMERS; BRUSH BURNERS AND CUTTERS; CAR AND TRUCK LOADERS; CARPENTER TENDER; CHANGE-HOUSE MAN OR DRY SHACK MAN; CHOKER SETTER; CLEAN-UP LABORERS; CURING, CONCRETE; DEMOLITION, WRECKING AND MOVING LABORERS; DUMPERS, ROAD OILING CREW; DUMPMEN (FOR GRADING CREW);

ELEVATOR FEEDERS; MEDIAN RAIL REFERENCE POST, GUIDE POST, RIGHT OF WAY MARKER; FINE GRADERS; FIRE WATCH; FORM STRIPPERS (NOT SWINGING STAGES); GENERAL LABORERS; HAZARDOUS WASTE WORKER; HOD CARRIER; LEVERMAN OR AGGREGATE SPREADER (FLAHERTY AND SIMILAR TYPES); LOADING SPOTTERS; MATERIAL YARD MAN (INCLUDING ELECTRICAL); PITTSBURGH CHIPPER OPERATOR OR SIMILAR TYPES; RAILROAD TRACK LABORERS; RIBBON SETTERS (INCLUDING STEEL FORMS); RIP RAP MAN (HAND PLACED); ROAD PUMP TENDER; SEWER LABOR; SIGNALMAN; SKIPMAN; SLOPERS; SPRAYMEN; STAKE CHASER; STOCKPILER; TIE BACK SHORING; TIMBER FALLER AND BUCKER (HAND LABOR); TOOLROOM MAN (AT JOB SITE); TUNNEL BULLGANG (ABOVE GROUND); WEIGHT-MAN-CRUSHER (AGGREGATE WHEN USED)

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES)....$ 44.06 15.60

LABORER: GROUP 4 APPLICATOR (INCLUDING POT POWER TENDER FOR SAME), APPLYING PROTECTIVE MATERIAL BY HAND OR NOZZLE ON UTILITY LINES OR STORAGE TANKS ON PROJECT; BRUSH CUTTERS (POWER SAW); BURNERS; CHOKER SPLICER; CLARY POWER SPREADER AND SIMILAR TYPES; CLEAN- UP NOZZLEMAN-GREEN CUTTER (CONCRETE, ROCK, ETC.); CONCRETE POWER BUGGYMAN; CONCRETE LABORER; CRUSHER FEEDER; DEMOLITION AND WRECKING CHARRED MATERIALS; GUNITE NOZZLEMAN TENDER; GUNITE OR SAND BLASTING POT TENDER; HANDLERS OR MIXERS OF ALL MATERIALS OF AN IRRITATING NATURE (INCLUDING CEMENT AND LIME); TOOL OPERATORS (INCLUDES BUT NOT LIMITED TO: DRY PACK MACHINE; JACKHAMMER; CHIPPING GUNS; PAVING BREAKERS); PIPE DOPING AND WRAPPING; POST HOLE DIGGER, AIR, GAS OR ELECTRIC; VIBRATING SCREED; TAMPERS; SAND BLASTING (WET); STAKE-SETTER; TUNNEL-MUCKERS, BRAKEMEN, CONCRETE CREW, BULLGANG (UNDERGROUND)

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES)....$ 44.90 15.60

LABORER: GROUP 5 ASBESTOS REMOVAL; BIT GRINDER; DRILL DOCTOR; DRILL OPERATORS, AIR TRACKS, CAT DRILLS, WAGON DRILLS, RUBBER-MOUNTED DRILLS, AND OTHER SIMILAR TYPES INCLUDING AT CRUSHER PLANTS; GUNITE NOZZLEMAN; HIGH SCALERS, STRIPPERS AND DRILLERS (COVERS WORK IN SWINGING STAGES, CHAIRS OR BELTS, UNDER EXTREME CONDITIONS UNUSUAL TO NORMAL DRILLING, BLASTING, BARRING-DOWN, OR SLOPING AND STRIPPING); MANHOLE BUILDER; POWDERMEN; CONCRETE SAW OPERATOR; PWDERMEN; POWER SAW OPERATORS (BUCKING AND FALLING); PUMPCRETE NOZZLEMEN; SAND BLASTING (DRY); SEWER TIMBERMAN; TRACK LINERS, ANCHOR MACHINES, BALLAST REGULATORS, MULTIPLE TAMPERS, POWER JACKS, TUGGER OPERATOR; TUNNEL-CHUCK TENDERS, NIPPERS AND TIMBERMEN; VIBRATOR; WATER

BLASTER
(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES).....$ 45.54 15.60
LABORER: GROUP 6 ASPHALT RAKER; CONCRETE SAW OPERATOR (WALLS); CONCRETE NOZZELMAN; GRADE CHECKER; PIPELAYER; LASER BEAM (PIPELAYING)-APPLICABLE WHEN EMPLOYEE ASSIGNED TO MOVE, SET UP, ALIGN; LASER BEAM; TUNNEL MINERS; MOTORMAN-DINKY LOCOMOTIVE-TUNNEL; POWDERMAN-TUNNEL; SHIELD OPERATOR-TUNNEL
(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES).....$ 46.08 15.60

LABO0348-003 06/01/2025

	Rates	Fringes
LABORER: ZONE 1: GROUP 1 LANDSCAPING AND PLANTING; WATCHMAN; WINDOW WASHER/CLEANER (DETAIL CLEAN-UP, SUCH AS BUT NOT LIMITED TO CLEANING FLOORS, CEILINGS, WALLS, WINDOWS, ETC., PRIOR TO FINAL ACCEPTANCE BY THE OWNER) (CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....	$ 31.19	16.48
LABORER: ZONE 1: GROUP 2 BATCH WEIGHMAN; CRUSHER FEEDER; FENCE LABORER; FLAGMAN; PILOT CAR (CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES) BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE		

CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.$ 35.34 16.59
LABORER: ZONE 1: GROUP 3 GENERAL LABORER; AIR, GAS, OR ELECTRIC VIBRATING SCREED; ASBESTOS ABATEMENT LABORER; BALLAST REGULATOR MACHINE; BRUSH CUTTER; BRUSH HOG FEEDER; BURNER; CARPENTER TENDER; CEMENT FINISHER TENDER; CHANGE HOUSE OR DRY SHACK; CHIPPING GUN (UNDER 30 LBS.); CHOKER SETTER; CHUCK TENDER; CLEAN-UP LABORER; CONCRETE FORM STRIPPER; CURING LABORER; DEMOLITION (WRECKING AND MOVING INCLUDING CHARRED MATERIAL); DITCH DIGGER; DUMP PERSON; FINE GRADERS; FIREWATCH; FORM SETTER; GABIAN BASKET BUILDERS; GROUT MACHINE TENDER; GRINDERS; GUARDRAIL ERECTOR; HAZARDOUS WASTE WORKER (LEVEL C: USES A CHEMICAL ""SPLASH SUIT"" AND AIR PURIFYING RESPIRATOR); MAINTENANCE PERSON; MATERIAL YARD PERSON; POT TENDER; RIP RAP PERSON; RIGGERS; SCALE PERSON; SLOPER SPRAYER; SIGNAL PERSON; STOCK PILER; STAKE HOPPER; TOOLROOM MAN (AT JOB SITE); TOPPER-TAILER; TRACK LABORER; TRUCK SPOTTER; VINYL SEAMER
(CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 38.40 16.66
LABORER: ZONE 1: GROUP 4 CEMENT DUMPER-PAVING; CHIPPING GUN (OVER 30 LBS.); CLARY POWER SPREADER; CONCRETE DUMPER/CHUTE OPERATOR; CONCRETE SAW OPERATOR; DRILL OPERATOR (HYDRAULIC, DIAMOND, AIARTRAC); FALLER AND BUCKER CHAIN SAW; GRADE CHECKER AND TRANSIT PERSON; GROUTMEN (PRESSURE) INCLUDING POST TENSION BEAMS; HAZARDOUS WASTE WORKER (LEVEL B: USES SAME RESPIRATOR PROTECTION AS LEVEL A. A SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT""); HIGH SCALER; JACKHAMMER; LASERBEAM OPERATOR; MANHOLE BUILDER-MUDMAN; NOZZLEMAN (CONCRETE PUMP, GREEN

CUTTER WHEN USING COMBINATION OF HIGH PRESSURE AIR AND WATER ON CONCRETE AND ROCK, SANDBLAST, GUNITE, SHOTCRETE, WATER BLASTER, VACUUM BLASTER); PAVEMENT BREAKER; PIPE LAYER AND CAULKER; PIPE POT TENDER; PIPE RELINER (NOT INSERT TYPE); PIPE WRAPPER; POWER JACKS; RAILROAD SPIKE PULLER-POWER; RAKER-ASPHALT; RIVET BUSTER; RODDER; SLOPER (OVER 20 FT); SPREADER (CONCRETE); TAMPER AND SIMILAR ELECTRIC, AIR AND GLAS OPERATED TOOL; TIMBER PERSON-SEWER (LAGGER SHORER AND CRIBBER); TRACK LINER POWER; TUGGER OPERATOR; VIBRATOR; WELL POINT LABORER
(CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 39.26 16.68

LABORER: ZONE 1: GROUP 5 CAISSON WORKER; MINER; MORTARMAN AND HODCARRIER; POWDERMAN; RE-TIMBERMAN; HAZARDOUS WASTE WORKER (LEVEL A: UTILIZES A FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE).
(CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES)
BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 BUT LESS THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE 3 - MORE THAN 45 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $1.00 ZONE 3 - $1.30. BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA ZONE 1 - PROJECTS WITHIN 25 RADIUS MILES OF THE RESPECTIVE CITY HALL ZONE 2 - MORE THAN 25 RADIUS MILES FROM THE RESPECTIVE CITY HALL ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES): ZONE 2 - $2.25.....$ 39.89 16.70

PAIN0005-002 07/01/2025

	Rates	Fringes
PAINTERS: STRIPERS (STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES)	$ 41.80	20.85

PAIN0010-012 07/01/2025

	Rates	Fringes
PAINTER: BRUSH, ROLLER, SPRAY & SANDBLASTING (CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES)	$ 39.94	16.68

PAIN0010-013 07/01/2025

	Rates	Fringes
PAINTERS: HIGHWAY & PARKING LOT STRIPER (CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA AND WAHKIAKUM COUNTIES)	$ 41.19	17.09

PAIN0300-007 07/01/2025

	Rates	Fringes
PAINTER (CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES)	$ 41.24	14.70

PAIN0427-005 07/01/2025

	Rates	Fringes
PAINTER (APPLICATION OF COLD TAR PRODUCTS, EPOXIES, POLYURETHANES, ACIDS, RADIATION RESISTANT MATERIAL, WATER, SANDBLASTING, OVER 30'/SWING STAGE WORK, BRUSH, ROLLER, STRIPING, STEAM-CLEANING, AND SPRAY). (ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE); CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES)	$ 36.26	17.01

PLAS0072-004 06/01/2025

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES) ZONE DIFFERENTIAL (ADD TO ZONE 1 RATE): ZONE 1- BASE RATE. ZONE 2 - $3.00 BASE POINTS: SPOKANE, PASCO, LEWISTON; WENATCHEE ZONE 1: 0 - 45 RADIUS MILES FROM THE MAIN POST OFFICE ZONE 2: OVER 45 RADIUS MILES FROM THE MAIN POST OFFICE	$ 40.89	18.64

PLAS0528-001 06/01/2024

	Rates	Fringes
CEMENT MASON: CEMENT MASON (CLALUM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM, AND WHATCOM COUNTIES)	$ 54.16	21.27
CEMENT MASON:COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE (CLALUM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM, AND WHATCOM COUNTIES)	$ 54.66	21.27
CEMENT MASON: TROWELING MACHINE OPERATOR ON COMPOSITION (CLALUM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM, AND WHATCOM COUNTIES)	$ 54.66	21.27

PLAS0555-002 06/01/2025

	Rates	Fringes
CEMENT MASON: CEMENT MASONS (CLARK, KLICKITAT AND SKAMANIA COUNTIES) ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - 1.15 ZONE 4 - 1.70 ZONE 5 - 3.00 BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL	$ 46.13	20.31
CEMENT MASON: CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD (CLARK, KLICKITAT AND SKAMANIA COUNTIES) ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - 1.15 ZONE 4 - 1.70 ZONE 5 - 3.00 BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL	$ 48.05	20.31
CEMENT MASON: CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD (CLARK, KLICKITAT AND SKAMANIA COUNTIES) ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - 1.15 ZONE 4 - 1.70 ZONE 5 - 3.00 BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE		

DALLES, VANCOUVER ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL....$ 47.09 20.31

CEMENT MASON: COMPOSITION WORKERS AND POWER MACHINERY OPERATORS (CLARK, KLICKITAT AND SKAMANIA COUNTIES) ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - 1.15 ZONE 4 - 1.70 ZONE 5 - 3.00 BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL.....$ 47.09 20.31

TEAM0037-002 06/01/2024

	Rates	Fringes

TRUCK DRIVER: GROUP 1- A FRAME OR HYDRA LIFRT TRUCK W/LOAD BEARING SURFACE; ARTICULATED DUMP TRUCK; BATTERY REBUILDERS; BUS OR MANHAUL DRIVER; CONCRETE BUGGIES (POWER OPERATED); CONCRETE PUMP TRUCK; DUMP TRUCKS, SIDE, END AND BOTTOM DUMPS, INCLUDING SEMI TRUCKS AND TRAINS OR COMBINATIONS THERE OF: UP TO AND INCLUDING 10 CU. YDS.; LIFT JITNEYS, FORK LIFTS (ALL SIZES IN LOADING, UNLOADING AND TRANSPORTING MATERIAL ON JOB SITE); LOADER AND/OR LEVERMAN ON CONCRETE DRY BATCH PLANT (MANUALLY OPERATED); PILOT CAR; PICKUP TRUCK; SOLO FLAT BED AND MISC. BODY TRUCKS, 0-10 TONS; TRUCK TENDER; TRUCK MECHANIC TENDER; WATER WAGONS (RATED CAPACITY) UP TO 3,000 GALLONS; TRANSIT MIX AND WET OR DRY MIX - 5 CU. YDS. AND UNDER; LUBRICATION MAN, FUEL TRUCK DRIVER, TIREMAN, WASH RACK, STEAM CLEANER OR COMBINATIONS; TEAM DRIVER; SLURRY TRUCK DRIVER OR LEVERMAN; TIREMAN

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)

ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE

CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL.....$ 33.09 17.63

TRUCK DRIVER: GROUP 2- BOOM TRUCK/HYDRA-LIFT OR RETRACTING CRANE; CHALLENGER; DUMPSTERS OR SIMILAR EQUIPMENT ALL SIZES; DUMP TRUCKS/ARTICULATED DUMPS 6 CU TO 10 CU.; FLAHERTY SPREADER DRIVER OR LEVERMAN; LOWBED EQUIPMENT, FLAT BED SEMI-TRAILER OR DOUBLES TRANSPORTING EQUIPMENT OR WET OR DRY MATERIALS; LUMBER CARRIER, DRIVER-STRADDLE CARRIER (USED IN LOADING, UNLOADING AND TRANSPORTING OF MATERIALS ON JOB SITE); OIL DISTRIBUTOR DRIVER OR LEVERMAN; TRANSIT MIX AND WET OR DRY MIX TRCUKS: OVER 5 CU. YDS. AND INCLUDING 7 CU. YDS.; VACUUM TRUCKS; WATER TRUCK/WAGONS (RATED CAPACITY) OVER 3,000 TO 5,000 GALLONS

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)

ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL....$ 33.24 17.63

TRUCK DRIVER: GROUP 3- AMMONIA NITRATE DISTRIBUTOR DRIVER; DUMP TRUCKS, SIDE, END AND BOTTOM DUMPS, INCLUDING SEMI TRUCKS AND TRAINS OR COMBINATIONS THEREOF: OVER 10 CU. YDS. AND INCLUDING 30 CU. YDS. INCLUDES ARTICULATED DUMP TRUCKS; SELF-PROPELLED STREET SWEEPER; TRANSIT MIX AND WET OR DRY MIX TRUCK: OVER 7 CU YDS. AND INCLUDING 11 CU YDS.; TRUCK MECHANIC-WELDER-BODY REPAIRMAN; UTILITY AND CLEAN-UP TRUCK; WATER WAGONS (RATED CAPACITY) OVER 5,000 TO 10,000 GALLONS

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)

ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS

THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL.....$ 33.40 17.63

TRUCK DRIVER: GROUP 4- ASPHALT BURNER; DUMP TRUCKS, SIDE, END AND BOTTOM CUMPS, INCLUDING SEMI-TRUCKS AND TRAINS OR COMBINATIONS THEREOF: OVER 30 CU. YDS. AND INCLUDING 50 CU. YDS. INCLUDES ARTICULATED DUMP TRUCKS; FIRE GUARD; TRANSIT MIX AND WET OR DRY MIX TRUCKS, OVER 11 CU. YDS. AND INCLUDING 15 CU. YDS.; WATER WAGON (RATED CAPACITY) OVER 10,000 GALLONS TO 15,000 GALLONS

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)

ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL.....$ 33.72 17.63

TRUCK DRIVER: GROUP 5- COMPOSITE CREWMAN; DUMP TRUCKS, SIDE, END AND BOTTOM DUMPS, INCLUDING SEMI TRUCKS AND TRAINS OR COMBINATIONS THEREOF: OVER 50 CU. YDS. AND INCLUDING 60 CU. YDS. INCLUDES ARTICULATED DUMP TRUCKS

(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)

ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80 MILES FROM THE RESPECTIVE CITY HALL.....$ 33.97 17.63

TRUCK DRIVER:GROUP 6- BULK CEMENT SPREADER W/O AUGER; DRY PRE-BATCH CONCRETE MIX TRUCKS; DUMP TRUCKS, SIDE, END AND BOTTOM DUMPS, INCLUDING SEMI TRUCKS AND TRAINS OF COMBINATIONS THEREOF: OVER 60 CU. YDS. AND INCLUDING 80 CU. YDS., AND INCLUDES

ARTICULATED DUMP TRUCKS; SKID TRUCK
(CLARK,
COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT
LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF
WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN),
SKAMANIA, AND WAHKIAKUM COUNTIES)
ZONE DIFFERENTIAL- ZONE 1: BASE RATE. ZONE 2 -
$0.65 ZONE 3 - $1.15 ZONE 4 - $1.70 ZONE 5 -
$2.75. BASE POINTS: ASTORIA, THE DALLES, LONGVIEW
AND VANCOUVER. ZONE 1: PROJECTS WITHIN 30 MILES
OF THE RESPECTIVE CITY HALL. ZONE 2: MORE THAN
30 MILES BUT LESS THAN 40 MILES FROM THE RESPECTIVE
CITY HALL. ZONE 3: MORE THAN 40 MILES BUT LESS
THAN 50 MILES FROM THE RESPECTIVE CITY HALL. ZONE
4: MORE THAN 50 MILES BUT LESS THAN 80 MILES FROM
THE RESPECTIVE CITY HALL. ZONE 5: MORE THAN 80
MILES FROM THE RESPECTIVE CITY HALL.....$ 34.18 17.63
TRUCK DRIVER: GROUP 7- DUMP TRUCKS, SIDE, END AND
BOTTOM DUMPS, INCLUDING SEMI TRUCKS AND TRAINS OR
COMBINATIONS THEREOF: OVER 80 CU. YDS. AND
INCLUDING 100 CU. YDS., INCLUDES ARTICULATED DUMP
TRUCKS; INDUSTRIAL LIFT TRUCK (MECHANICAL TAILGATE)
(CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH
OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH
BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE
PACIFIC OCEAN), SKAMANIA, AND WAHKIAKUM COUNTIES)
ZONE DIFFERENTIAL- ZONE 1: BASE
RATE. ZONE 2 - $0.65 ZONE 3 - $1.15 ZONE 4 -
$1.70 ZONE 5 - $2.75. BASE POINTS: ASTORIA, THE
DALLES, LONGVIEW AND VANCOUVER. ZONE 1:
PROJECTS WITHIN 30 MILES OF THE RESPECTIVE CITY
HALL. ZONE 2: MORE THAN 30 MILES BUT LESS THAN
40 MILES FROM THE RESPECTIVE CITY HALL. ZONE 3:
MORE THAN 40 MILES BUT LESS THAN 50 MILES FROM THE
RESPECTIVE CITY HALL. ZONE 4: MORE THAN 50 MILES
BUT LESS THAN 80 MILES FROM THE RESPECTIVE CITY
HALL. ZONE 5: MORE THAN 80 MILES FROM THE
RESPECTIVE CITY HALL.....$ 34.42 17.63

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Rates Fringes

TRUCK DRIVER: GROUP 1- ""A-FRAME OR HYDRALIFT""
TRUCKS AND BOOM TRUCKS OR SIMILAR EQUIPMENT WHEN
""A"" FRAME OR ""HYDRALIFT"" AND BOOM TRUCK OR SIMILAR
EQUIPMENT IS USED; BUGGYMOBILE; BULK CEMENT TANKER;
DUMPSTERS AND SIMILAR EQUIPMENT, TOURNOROCKERS,
TOURNOWAGON, TOURNOTRAILER, CAT DW SERIES, TERRA
COBRA, LE TOURNEAU, WESTINGHOUSE, ATHYE WAGON,
EUCLID TWO AND FOUR-WHEELED POWER TRACTOR WITH
TRAILER AND SIMILAR TOP-LOADED EQUIPMENT
TRANSPORTING MATERIAL: DUMP TRUCKS, SIDE, END AND
BOTTOM DUMP, INCLUDING SEMI-TRUCKS AND TRAINS OR
COMBINATIONS THEREOF WITH 16 YARDS TO 30 YARDS
CAPACITY: OVER 30 YARDS $.15 PER HOUR ADDITIONAL
FOR EACH 10 YARD INCREMENT; EXPLOSIVE TRUCK (FIELD

MIX) AND SIMILAR EQUIPMENT; HYSTER OPERATORS (HANDLING BULK LOOSE AGGREGATES); LOWBED AND HEAVY DUTY TRAILER; ROAD OIL DISTRIBUTOR DRIVER; SPREADER, FLAHERTY TRANSIT MIX USED EXCLUSIVELY IN HEAVY CONSTRUCTION; WATER WAGON AND TANK TRUCK-3,000 GALLONS AND OVER CAPACITY (HAZMAT PROJECTS ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITION TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C: +$0.25 PER HOUR - THIS LEVEL USES AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL B: +$0.50 PER HOUR - USES SAME RESPIRATOR PROTECTION AS LEVEL A. SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT."" LEVEL A: +$0.75 PER HOUR - THIS LEVEL UTILIZES A FULLY- ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE.)

(CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES)

ZONE A: (LESS THAN 25 MILES FROM CENTER OF LISTED CITIES*). BASE RATE. ZONE B: (25-45 MILES FROM CENTER OF LISTED CITIES*): $0.70. ZONE C (OVER 45 MILES FROM CENTR OF LISTED CITIES*): $1.00. *ZONE PAY WILL BE CALCULATED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: BELLINGHAM, CENTRALIA, RAYMOND, OLYMPIA EVERETT, SHELTON, ANACORTES, BELLEVUE, SEATTLE, PORT ANGELES, MT. VERNON, KENT, TACOMA, PORT TOWNSEND, ABERDEEN, BREMERTON. .....$ 55.43 27.52

TRUCK DRIVER: GROUP 2- BULLLIFTS, OR SIMILAR EQUIPMENT USED IN LOADING OR UNLOADING TRUCKS, TRANSPORTING MATERIALS ON JOB SITE; DUMPSTERS, AND SIMILAR EQUIPMENT, TOURNOROCKERS, TOURNOWAGON, TURNOTRAILER, CAT. D.W. SERIES, TERRA COBRA, LE TOURNEAU, WESTINGHOUSE, ATHYE WAGON, EUCLID TWO AND FOUR-WHEELED POWER TRACTOR WITH TRAILER AND SIMILAR TOP-LOADED EQUIPMENT TRANSPORTING MATERIAL: DUMP TRUCKS, SIDE, END AND BOTTOM DUMP, INCLUDING SEMI-TRUCKS AND TRAINS OR COMBINATIONS THEREOF WITH LESS THAN 16 YARDS CAPACITY; FLATBED (DUAL REAR AXLE); GREASE TRUCK, FUEL TRUCK, GREASER, BATTERY SERVICE MAN AND/OR TIRE SERVICE MAN; LEVERMAN AND LOADER AT BUNKERS AND BATCH PLANTS; OIL TANK TRANSPORT; SCISSOR TRUCK; SLURRY TRUCK; SNO-GO AND SIMILAR EQUIPMENT; SWAMPERS; STRADDLER CARRIER (ROSS, HYSTER) AND SIMILAR EQUIPMENT; TEAM DRIVER; TRACTOR (SMALL, RUBBER-TIRED)(WHEN USED WITHIN TEAMSTER JURISDICTION); VACUUM TRUCK; WATER WAGON AND TANK TRUCKS-LESS THAN 3,000 GALLONS CAPACITY; WINCH TRUCK; WRECKER, TOW TRUCK AND SIMILAR

EQUIPMENT
(HAZMAT PROJECTS ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITION TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C: +$0.25 PER HOUR - THIS LEVEL USES AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL B: +$0.50 PER HOUR - USES SAME RESPIRATOR PROTECTION AS LEVEL A. SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT."" LEVEL A: +$0.75 PER HOUR - THIS LEVEL UTILIZES A FULLY- ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE.)
(CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES)
ZONE A: (LESS THAN 25 MILES FROM CENTER OF LISTED CITIES*). BASE RATE. ZONE B: (25-45 MILES FROM CENTER OF LISTED CITIES*): $0.70. ZONE C (OVER 45 MILES FROM CENTR OF LISTED CITIES*): $1.00. *ZONE PAY WILL BE CALCULATED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: BELLINGHAM, CENTRALIA, RAYMOND, OLYMPIA EVERETT, SHELTON, ANACORTES, BELLEVUE, SEATTLE, PORT ANGELES, MT. VERNON, KENT, TACOMA, PORT TOWNSEND, ABERDEEN, BREMERTON. .....$ 54.59 27.52
TRUCK DRIVER: GROUP 3- FLATBED (SINGLE REAR AXLE); PICKUP SWEEPER; PICKUP TRUCK. (ADJUST GROUP 3 UPWARD BY $2.00 PER HOUR FOR ONSITE WORK ONLY)
(HAZMAT PROJECTS ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITION TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C: +$0.25 PER HOUR - THIS LEVEL USES AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL B: +$0.50 PER HOUR - USES SAME RESPIRATOR PROTECTION AS LEVEL A. SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT."" LEVEL A: +$0.75 PER HOUR - THIS LEVEL UTILIZES A FULLY- ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE.)
(CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES)
ZONE A: (LESS THAN 25 MILES FROM CENTER OF LISTED CITIES*). BASE RATE. ZONE B: (25-45 MILES FROM CENTER OF LISTED CITIES*): $0.70. ZONE C (OVER 45 MILES FROM CENTR OF LISTED

CITIES*): $1.00. *ZONE PAY WILL BE CALCULATED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: BELLINGHAM, CENTRALIA, RAYMOND, OLYMPIA EVERETT, SHELTON, ANACORTES, BELLEVUE, SEATTLE, PORT ANGELES, MT. VERNON, KENT, TACOMA, PORT TOWNSEND, ABERDEEN, BREMERTON. .....$ 51.78 27.52

TRUCK DRIVER: GROUP 4- ESCORT OR PILOT CAR (HAZMAT PROJECTS ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITION TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C: +$0.25 PER HOUR - THIS LEVEL USES AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL B: +$0.50 PER HOUR - USES SAME RESPIRATOR PROTECTION AS LEVEL A. SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT."" LEVEL A: +$0.75 PER HOUR - THIS LEVEL UTILIZES A FULLY- ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE.)

(CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES)

ZONE A: (LESS THAN 25 MILES FROM CENTER OF LISTED CITIES*). BASE RATE. ZONE B: (25-45 MILES FROM CENTER OF LISTED CITIES*): $0.70. ZONE C (OVER 45 MILES FROM CENTR OF LISTED CITIES*): $1.00. *ZONE PAY WILL BE CALCULATED FROM THE CITY CENTER OF THE FOLLOWING LISTED CITIES: BELLINGHAM, CENTRALIA, RAYMOND, OLYMPIA EVERETT, SHELTON, ANACORTES, BELLEVUE, SEATTLE, PORT ANGELES, MT. VERNON, KENT, TACOMA, PORT TOWNSEND, ABERDEEN, BREMERTON. .....$ 46.81 27.52

TRUCK DRIVER: GROUP 5- MECHANIC (HAZMAT PROJECTS ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITION TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C: +$0.25 PER HOUR - THIS LEVEL USES AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL B: +$0.50 PER HOUR - USES SAME RESPIRATOR PROTECTION AS LEVEL A. SUPPLIED AIR LINE IS PROVIDED IN CONJUNCTION WITH A CHEMICAL ""SPLASH SUIT."" LEVEL A: +$0.75 PER HOUR - THIS LEVEL UTILIZES A FULLY- ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR LINE.)

(CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE

PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT,
SNOHOMISH, THURSTON AND WHATCOM COUNTIES)
ZONE A: (LESS THAN 25 MILES FROM
CENTER OF LISTED CITIES*). BASE RATE. ZONE B:
(25-45 MILES FROM CENTER OF LISTED CITIES*): $0.70.
ZONE C (OVER 45 MILES FROM CENTR OF LISTED
CITIES*): $1.00. *ZONE PAY WILL BE CALCULATED
FROM THE CITY CENTER OF THE FOLLOWING LISTED
CITIES: BELLINGHAM, CENTRALIA, RAYMOND, OLYMPIA
EVERETT, SHELTON, ANACORTES, BELLEVUE, SEATTLE,
PORT ANGELES, MT. VERNON, KENT, TACOMA, PORT
TOWNSEND, ABERDEEN, BREMERTON. .....$ 54.98 27.52

TEAM0690-004 06/01/2024

	Rates	Fringes
TRUCK DRIVERS: GROUP 1- ESCORT DRIVER OR PILOT CAR; EMPLOYEE HAUL; POWER BOAT HAULING EMPLOYEES OR MATERIAL. (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE.	$ 36.83	20.93
TRUCK DRIVERS: GROUP 2- FISH TRUCK; FLAT BED TRUCK; FORK LIFT (3,000 LBS. AND UNDER); LEVERPERSON (LOADING TRUCKS AT BUNKERS); TRAILER MOUNTED HYDRO SEEDER AND MULCHER; SEEDER & MULCHER; STATIONARY FUEL OPERATOR; TRACTOR (SMALL, RUBBER-TIRED, PULLING TRAILER OR SIMILAR (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1:		

LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 39.47 20.93

TRUCK DRIVERS: GROUP 3- AUTO CRANE (2,000 LBS. CAPACITY); BUGGY MOBILE & SIMILAR; BULK CEMENT TANKS & SPREADER; DUMPTOR (6 YDS. & UNDER); FLAT BED TRUCK WITH HYDRAULLIC SYSTEM; FORK LIFT (3,001-16,000 LBS.); FUEL TRUCK DRIVER, STEAMCLEANER & WASHER; POWER OPERATED SWEEPER; RUBBER-TIRED TUNNEL JUMBO; SCISSORS TRUCK; SLURRY TRUCK DRIVER; STRADDLE CARRIER (ROSS, HYSTER, & SIMILAR); TIREPERSON; TRANSIT MIXERS & TRUCK HAULING CONCRETE (3 YD. TO & INCLUDING 6 YDS.); TRUCKS, SIDE, END, BOTTOM & ARTICULATD END DUMP (3 YARDS TO AND INCLUDING 6 YDS.); WAREHOUSEPERSON (TO INCLUDE SHIPPING & RECEIVING); WRECKER & TOW (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE.
FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS

CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 39.58 20.93

TRUCK DRIVERS: GROUP 4- A-FRAME; BURNER, CUTTER, & WELDER; SERVICE GRASER; TRUCKS, SIDE, END, BOTTOM & ARTICULATED END DUMP (OVER 6 YARDS TO AND INCLUDING 12 YDS.); TRUCK MOUNTED HYDRO SEEDER; WAREHOUSEPERSON; WATER TANK TRUCK (0-8,000 (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 39.91 20.93

TRUCK DRIVERS: GROUP 5- DUMPTOR (OVER 6 YDS.); LOWBOY (50 TONS & UNDER); SELF-LOADING ROLL OFF; SEMI-TRUCK & TRAILER; TRACTOR WITH STEER TRAILER; TRANSIT MIXERS AND TRUCKS HAULING CONCRETE (OVER 6 YDS. TO AN INCLUDING 10 YDS.); TRUCKS, SIDE, END, BOTTOM AND END DUMP (OVER 12 YDS. TO & INCLUDING 20 YDS.); TRUCK-MOUNTED CRANE (WITH LOAD BEARING SURFACE EITHER MOUNTED OR PULLED, UP TO 14 TON); VACUUM TRUCK (SUPER SUCKER, GUZZLER, (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO,

LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 40.02 20.93

TRUCK DRIVERS: GROUP 6- FLAHERTY SPREADER BOX DRIVER; FLOWBOYS; FORK LIFT (OVER 16,000 LBS.); DUMPS (SEMI-END); MECHANIC (FIELD); SEMI-END DUMPS; TRANSFER TRUCK & TRAILER; TRANSIT MIXERS & TRUCKS HAULING CONCRETE (OVER 10 YDS. TO & INCLUDING 20 YDS.); TRUCKS, SIDE, END, BOTTOM AND ARTICULATED END DUMP (OVER 20 YDS. TO & INCLUDING 40 YDS.); TRUCK AND PUP; TOURNAROCKER, DWS & SIMILAR WITH 2 OR MORE 4 WHEEL-POWER TRACKTOR WITH TRAILER, GALLONAGE OR YARDAGE SCALE, WHICHEVER IS GREATER WATER TANK TRUCK (8,001- 14,000 GALLONS); LOWBOY (OVER 50

(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 40.22 20.93

TRUCK DRIVERS: GROUP 7- OIL DISTRIBUTOR DRIVER; STRINGER TRUCK (CABLE OPERATED TRAILER); TRANSIT

MIXERS & TRUCKS HAULING CONCRETE (OVER 20 YDS.); TRUCK, SIDE, END, BOTTOM END DUMP (OVER 40 YDS. TO & INCLUDING 100 YDS.); TRUCK MOUNTED CRANE (WITH LOAD BEARING SURFACE EITHER MOUNTED OR PULLED (16 THROUGH 25
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 40.56 20.93
TRUCK DRIVERS: GROUP 8- PRIME MOVERS AND STINGER TRUCK; TRUCKS, SIDE, END, BOTTOM AND ARTICULATED END DUMP (OVER 100 YDS.); HELICOPTER PILOT HAULING EMPLOYEES OR
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 1: LEWISTON ZONE CENTER: ASOTIN, COLUMBIA, AND GARFIELD COUNTIES; SPOKANE ZONE CENTER: ADAMS, CHELAN, DOUGLAS, FERRY, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, AND WHITMAN COUNTIES) ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR

FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT
PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 40.88 20.93
TRUCK DRIVERS: GROUP 1- ESCORT DRIVER OR PILOT CAR;
EMPLOYEE HAUL; POWER BOAT HAULING EMPLOYEES OR
MATERIAL. (ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA,
DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS,
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS,
WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2:
PASCO ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA
AND YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1-
BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE,
PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE
MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES
FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE
WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION
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ADDITON TO THE CLASSIFICATION WORKING IN AS
FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE
LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN
AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE
CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED
AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR
FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT
PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 33.83 20.93
TRUCK DRIVERS: GROUP 2- FISH TRUCK; FLAT BED TRUCK;
FORK LIFT (3,000 LBS. AND UNDER); LEVERPERSON
(LOADING TRUCKS AT BUNKERS); TRAILER MOUNTED HYDRO
SEEDER AND MULCHER; SEEDER & MULCHER; STATIONARY
FUEL OPERATOR; TRACTOR (SMALL, RUBBER-TIRED,
PULLING TRAILER OR SIMILAR
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,
FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN,
OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA
WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO
ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND
YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1- BASE
RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO,
LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN
POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM
THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING
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BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT

PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 36.47 20.93
TRUCK DRIVERS: GROUP 3- AUTO CRANE (2,000 LBS.
CAPACITY); BUGGY MOBILE & SIMILAR; BULK CEMENT
TANKS & SPREADER; DUMPTOR (6 YDS. & UNDER); FLAT
BED TRUCK WITH HYDRAULLIC SYSTEM; FORK LIFT
(3,001-16,000 LBS.); FUEL TRUCK DRIVER,
STEAMCLEANER & WASHER; POWER OPERATED SWEEPER;
RUBBER-TIRED TUNNEL JUMBO; SCISSORS TRUCK; SLURRY
TRUCK DRIVER; STRADDLE CARRIER (ROSS, HYSTER, &
SIMILAR); TIREPERSON; TRANSIT MIXERS & TRUCK
HAULING CONCRETE (3 YD. TO & INCLUDING 6 YDS.);
TRUCKS, SIDE, END, BOTTOM & ARTICULATD END DUMP (3
YARDS TO AND INCLUDING 6 YDS.); WAREHOUSEPERSON (TO
INCLUDE SHIPPING & RECEIVING); WRECKER & TOW
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,
FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN,
OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA
WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO
ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND
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BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT
PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 36.58 20.93
TRUCK DRIVERS: GROUP 4- A-FRAME; BURNER, CUTTER, &
WELDER; SERVICE GRASER; TRUCKS, SIDE, END, BOTTOM &
ARTICULATED END DUMP (OVER 6 YARDS TO AND INCLUDING
12 YDS.); TRUCK MOUNTED HYDRO SEEDER;
WAREHOUSEPERSON; WATER TANK TRUCK (0-8,000
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,
FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN,
OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA
WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO
ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND
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PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 36.91 20.93
TRUCK DRIVERS: GROUP 5- DUMPTOR (OVER 6 YDS.);
LOWBOY (50 TONS & UNDER); SELF-LOADING ROLL OFF;
SEMI-TRUCK & TRAILER; TRACTOR WITH STEER TRAILER;
TRANSIT MIXERS AND TRUCKS HAULING CONCRETE (OVER 6
YDS. TO AN INCLUDING 10 YDS.); TRUCKS, SIDE, END,
BOTTOM AND END DUMP (OVER 12 YDS. TO & INCLUDING 20
YDS.); TRUCK-MOUNTED CRANE (WITH LOAD BEARING
SURFACE EITHER MOUNTED OR PULLED, UP TO 14 TON);
VACUUM TRUCK (SUPER SUCKER, GUZZLER,
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,
FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN,
OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA
WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO
ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND
YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1- BASE
RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO,
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FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT
PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 37.02 20.93
TRUCK DRIVERS: GROUP 6- FLAHERTY SPREADER BOX
DRIVER; FLOWBOYS; FORK LIFT (OVER 16,000 LBS.);
DUMPS (SEMI-END); MECHANIC (FIELD); SEMI-END DUMPS;
TRANSFER TRUCK & TRAILER; TRANSIT MIXERS & TRUCKS
HAULING CONCRETE (OVER 10 YDS. TO & INCLUDING 20
YDS.); TRUCKS, SIDE, END, BOTTOM AND ARTICULATED
END DUMP (OVER 20 YDS. TO & INCLUDING 40 YDS.);
TRUCK AND PUP; TOURNAROCKER, DWS & SIMILAR WITH 2
OR MORE 4 WHEEL-POWER TRACKTOR WITH TRAILER,
GALLONAGE OR YARDAGE SCALE, WHICHEVER IS GREATER
WATER TANK TRUCK (8,001- 14,000 GALLONS); LOWBOY
(OVER 50
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,

FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 37.22 20.93

TRUCK DRIVERS: GROUP 7- OIL DISTRIBUTOR DRIVER; STRINGER TRUCK (CABLE OPERATED TRAILER); TRANSIT MIXERS & TRUCKS HAULING CONCRETE (OVER 20 YDS.); TRUCK, SIDE, END, BOTTOM END DUMP (OVER 40 YDS. TO & INCLUDING 100 YDS.); TRUCK MOUNTED CRANE (WITH LOAD BEARING SURFACE EITHER MOUNTED OR PULLED (16 THROUGH 25
(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1- BASE RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO, LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN ADDITON TO THE CLASSIFICATION WORKING IN AS FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS. NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 37.56 20.93

TRUCK DRIVERS: GROUP 8- PRIME MOVERS AND STINGER TRUCK; TRUCKS, SIDE, END, BOTTOM AND ARTICULATED END DUMP (OVER 100 YDS.); HELICOPTER PILOT HAULING EMPLOYEES OR

(ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS,
FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN,
OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA
WALLA, WHITMAN AND YAKIMA COUNTIES) (AREA 2: PASCO
ZONE CENTER: BENTON, FRANKLIN, WALLA WALLA AND
YAKIMA COUNTIES). ZONE DIFFERENTIAL: ZONE 1- BASE
RATE. ZONE 2: $2.00. BASE POINTS: SPOKANE, PASCO,
LEWISTON. ZONE 1: 0-45 RADIUS MILES FROM THE MAIN
POST OFFICE. ZONE 2: OUTSIDE 45 RADIUS MILES FROM
THE MAIN POST OFFICE. FOOTNOTE A - ANYONE WORKING
ON A HAZMAT JOB, WHERE HAZMAT CERTIFICATION IS
REQUIRED, SHALL BE COMPENSATED AS A PREMIUM, IN
ADDITON TO THE CLASSIFICATION WORKING IN AS
FOLLOWS: LEVEL C-D: -$0.50 PER HOUR (THIS IS THE
LOWEST LEVEL OF PROTECTION. THIS LEVEL MAY USE AN
AIR PURIFYING RESPIRATOR OR ADDITIONAL PROTECTIVE
CLOTHING. LEVEL A-B: $1.00 PER HOUR (USES SUPPLIED
AIR IS CONJUNCTION WITH A CHEMICAL SPASH SUIT OR
FULLY ENCAPSULATED SUIT WITH A SELF-CONTAINED
BREATHING APPARATUS. EMPLOYEES SHALL BE PAID HAZMAT
PAY IN INCREMENTS OF FOUR(4) AND EIGHT(8) HOURS.
NOTE: TRUCKS PULLING EQUIPMENT TRAILERS: SHALL
RECEIVE $0.15/HOUR OVER APPLICABLE TRUCK RATE. .....$ 37.88 20.93

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.
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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide
employees with 1 hour of paid sick leave for every 30 hours
they work, up to 56 hours of paid sick leave each year.
Employees must be permitted to use paid sick leave for their
own illness, injury or other health-related needs, including
preventive care; to assist a family member (or person who is
like family to the employee) who is ill, injured, or has other
health-related needs, including preventive care; or for reasons
resulting from, or to assist a family member (or person who is
like family to the employee) who is a victim of, domestic
violence, sexual assault, or stalking. Additional information
on contractor requirements and worker protections under the EO
is available at https://www.dol.gov/agencies/whd/government-contracts.

Note: Executive Order 13658 generally applies to contracts subject
to the Davis-Bacon Act that were awarded on or between January 1,
2015 and January 29, 2022, and that have not been renewed or
extended on or after January 30, 2022. Executive Order 13658 does
not apply to contracts subject only to the Davis-Bacon Related Acts
regardless of when they were awarded. If a contract is subject to
Executive Order 13658, the contractor must pay all covered workers
at least $13.65 per hour (or the applicable wage rate listed on this

wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", "SA", or "SC" denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the

collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The "SU" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

"SU" wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The "SA" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the "SA" identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor

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            200 Constitution Avenue, N.W.
            Washington, DC 20210
Regarding any other wage determination matter such as
conformance decisions, requests for initial decisions should be
directed to the WHD Branch of Construction Wage Determinations.
Requests can be submitted via email to BCWD-Office@dol.gov or
by mail to:
            Branch of Construction Wage Determinations
            Wage and Hour Division
            U.S. Department of Labor
            200 Constitution Avenue, N.W.
            Washington, DC 20210
2) If an initial decision has been issued, then any interested
party (those affected by the action) that disagrees with the
decision can request review and reconsideration from the Wage
and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).
Requests for review and reconsideration can be submitted via
email to dba.reconsideration@dol.gov or by mail to:
            Wage and Hour Administrator
            U.S. Department of Labor
            200 Constitution Avenue, N.W.
            Washington, DC 20210
The request should be accompanied by a full statement of the
interested party's position and any information (wage payment
data, project description, area practice material, etc.) that
the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an
interested party may appeal directly to the Administrative
Review Board (formerly the Wage Appeals Board).  Write to:
            Administrative Review Board
            U.S. Department of Labor
            200 Constitution Avenue, N.W.
            Washington, DC 20210.
================================================================
          END OF GENERAL DECISION
"
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APPENDIX C

FEDERAL CONTRACT PROVISIONS

STATE AND FEDERAL LAWS TO BE OBSERVED

The APPLICANT must comply with all state and federal laws in performing all tasks undertaken with respect to the Public Assistance Program. The following sections are included for informational purposes and are not professed to include all relevant laws. It is the APPLICANT's responsibility to comply with all federal, state, and local laws.

1. **EQUAL EMPLOYMENT OPPORTUNITY** – All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

2. **COPELAND "ANTI-KICKBACK" ACT (18 U.S.C. 874 AND 40 U.S.C. 276c)** – All contracts and subgrants in excess of $2,000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

3. **CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C 327-333)** – Where applicable, all contracts awarded by recipients in excess of $2,000 for construction contracts and in excess of $2,500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous.

   These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

4. **RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT** – Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

5. **CLEAN AIR ACT (42 U.S.C. 7401 et seq.) AND THE FEDERAL WATER POLLUTION CONTROL ACT(33 U.S.C. 1251 et seq.), as amended** – Contractors and subgrants of amounts in excess of $100,000 shall contain a provision that requires the recipient to

agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.) Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

6. **BYRD ANTI-LOBBYING AMENDMENT (31 U.S.C. 1352)** – Contractors who apply or bid for an award of $100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying in non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

7. **DEBARMENT AND SUSPENSION (E.O.s 12549 and 12689)** – No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension." This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.

8. **PUBLIC LAW 88-352, TITLE VI OF THE CIVIL RIGHTS ACT OF 1964(42 U.S.C. 2000d et seq.) (24 CFR Part 1)**. The APPLICANT must comply with the provisions of "Public Law 88-352," which refers to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.). The law provides that no person in the United States shall, on the grounds of race, color or national origin, be denied the benefits of, be excluded from participation in, or be subjected to discrimination under any program or activity receiving federal financial assistance.

9. **SECTION 504 OF THE REHABILITATION ACT, 1973, AS AMENDED (29 U.S.C. 794)**. The APPLICANT must comply with Section 504 of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual shall, solely by reason of his or her disability, be excluded from participation (including employment), denied program benefits or be subjected to discrimination under any program or activity receiving federal assistance funds.

10. **AMERICANS WITH DISABILITIES ACT (42 U.S.C. 12101, et seq.)** The APPLICANT shall comply with the provisions of the Americans with Disabilities Act, 42 U.S.C. 12101, et. seq. That Act provides a comprehensive national mandate to eliminate discrimination against individuals with disabilities. The Act may impose requirements on the APPLICANT in four principle ways: 1) with respect to employment; 2) with respect to the provision of public services; 3) with respect to transportation; 4) with respect to existing facilities and new construction.

11. **THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (NEPA) (42 U.S.C Section 4321 et seq., and 24 CFR Part 58)**. The APPLICANT shall comply with the provisions of the National Environmental Policy Act of 1969. The purpose of this Act is to attain the widest use of the environment without degradation, risk to health or safety, or other undesirable and unintended consequences. Environmental review procedures, including determining and publishing a Finding of Significance or of No Significance for a proposal, are a necessary part of this process. Pursuant to these provisions, the APPLICANT must

also submit environmental certifications to the DEPARTMENT when requesting that funds be released for the project. The APPLICANT must certify that the proposed project will not significantly impact the environment and that the APPLICANT has complied with environmental regulations and fulfilled its obligations to give public notice of the funding request, environmental findings and compliance performance.

12. **EXECUTIVE ORDER 11990, MAY 24, 1977: PROTECTION OF WETLANDS (42 F.R. 26961 et seq.)** The APPLICANT shall comply with Executive Order 11990. The intent of this Executive Order is (1) to avoid, to the extent possible, adverse impacts associated with the destruction or modification of wetland, and (2) to avoid direct or indirect support of new construction in wetlands wherever there is a practical alternative. The APPLICANT, to the extent permitted by law, must avoid undertaking or providing assistance for new construction located in wetlands unless (1) there is no practical alternative to such construction, and (2) the proposed action includes all practical measures to minimize harm to wetlands which may result from such use. In making this determination, the APPLICANT may take into account economic, environmental and other pertinent factors.

13. **EXECUTIVE ORDER 11988, MAY 24, 1977: FLOODPLAIN MANAGEMENT (42 F.R. 26951 et seq)**. The APPLICANT shall comply with the provisions of Executive Order 11988. The intent of this Executive Order is to (1) avoid, to the extent possible, adverse impacts associated with the occupancy and modification of floodplains, and (2) avoid direct or indirect support of floodplain development wherever there is a practical alternative. If the APPLICANT proposes to conduct, support or allow an action to be located in a floodplain, the APPLICANT must consider alternatives to avoid adverse effects and incompatible involvement in the floodplain. If siting in a floodplain is the only practical alternative, the APPLICANT must, prior to taking any action (1) design or modify its actions in order to minimize any potential harm to the floodplain, and (2) prepare and circulate a notice containing an explanation of why the action is proposed to be located in a floodplain.

14. **THE WILD AND SCENIC RIVERS ACT OF 1968, AS AMENDED (16 U.S.C. 1271 et seq.)**. The APPLICANT shall comply with the Wild and Scenic Rivers Act. The purpose of this Act is to preserve selected rivers or sections of rivers in their free-flowing condition, to protect the water quality of such rivers and to fulfill other vital national conservation goals. Federal assistance by loan, grant, license, or other mechanism cannot be provided to water resources construction projects that would have a direct and adverse effect on any river included or designated for study or inclusion in the National Wild and Scenic River System.

15. **COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED (16 U.S.C. 1451 et seq.)**. The APPLICANT shall comply with the Coastal Zone Management Act of 1972, as amended. The intent of this Act is to preserve, protect, develop, and where possible, restore or enhance the resources of the nation's coastal zone. Federal agencies cannot approve assistance for proposed projects that are inconsistent with the state's Coastal Zone Management program except upon a finding by the U.S. Secretary of Commerce that such a project is consistent with the purpose of this chapter or necessary in the interests of national security.

16. **THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED (16 U.S.C. 1531 et seq.)**. The APPLICANT shall comply with the Endangered Species Act of 1973, as amended. The intent of this Act is to ensure that all federally assisted projects seek to preserve endangered or threatened species. Federally authorized and funded

projects must not jeopardize the continued existence of endangered and threatened species or result in the destruction of or modification of habitat of such species which is determined by the U.S. Department of the Interior, after consultation with the state, to be critical.

17. **THE RESERVOIR SALVAGE ACT OF 1960, AS AMENDED BY THE ARCHAEOLOGICAL AND HISTORIC PRESERVATION ACT OF 1974 (16 U.S.C. 469 et seq.)**. Under the Reservoir Salvage Act, the APPLICANT must comply with provisions for the preservation of historical and archaeological data (including relics and specimens) that might otherwise be irreparably lost or destroyed as a result of any alteration of the terrain caused as a result of any federal construction project or federally licensed activity or program. Whenever the APPLICANT finds, or is notified in writing by an appropriate historical or archaeological authority, that its activities in connection with any federal funded construction project or federally licensed project, activity or program may cause irreparable loss or destruction of significant scientific, prehistoric, historical or archaeological data, the APPLICANT must stop work immediately and must notify the U.S. Secretary of Interior and the Department in writing and provide appropriate information concerning the project or program activity.

18. **THE ARCHAEOLOGICAL AND HISTORICAL DATA PRESERVATION ACT OF 1974 (16 U.S.C. 469 a-1 et seq.)**. The APPLICANT shall comply with the Archaeological and Historical Data Preservation Act, which provides for the preservation of historic and archaeological information that would be lost due to development and construction activities as a result of federally funded activities.

19. **THE SAFE DRINKING WATER ACT OF 1974, AS AMENDED (42 U.S.C. Section 201, 300(f) et seq., and U.S.C. Section 349)**. The APPLICANT must comply with the Safe Drinking Water Act, as amended, which is intended to protect underground sources of water.

    No commitment for federal financial assistance, according to this Act, shall be entered into for any project, which the U.S. Environmental Protection Agency determines, may contaminate an aquifer that is the sole or principal drinking water source for an area.

20. **THE FEDERAL WATER POLLUTION CONTROL ACT OF 1972, AS AMENDED, INCLUDING THE CLEAR WATER ACT OF 1977, PUBLIC LAW 92-212 (33 U.S.C. SECTION 1251 et seq.)**. The APPLICANT must assure compliance with the Water Pollution Control Act, as amended, which provides for the restoration of chemical, physical and biological integrity of the nation's water.

21. **THE SOLID WASTE DISPOSAL ACT, AS AMENDED BY THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 (42 U.S.C. SECTION 6901 et seq.)** The APPLICANT must assure compliance with the Solid Waste Disposal Act, as amended. The purpose of this Act is to promote the protection of health and the environment and to conserve valuable material and energy resources.

22. **THE FISH AND WILDLIFE COORDINATION ACT OF 1958, AS AMENDED (16 U.S.C. SECTION 661 et seq.)** The APPLICANT must assure compliance with the Fish and Wildlife Coordination Act, as amended. The Act assures that wildlife conservation receives equal consideration and is coordinated with other features of water resources development programs.

23. **RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICY, CHAPTER 8.26 RCW**. The APPLICANT shall comply with the provisions of Chapter 8.26 RCW and Chapter 365-24 WAC when its activities involve any acquisition of real

property assisted under this Grant Agreement or the displacement of any family, individual, business, nonprofit organization or farm that results from such acquisition.

24. **STATE ENVIRONMENTAL POLICY ACT (SEPA), CHAPTER 43.21 (C) RCW**. The APPLICANT shall comply with the provisions of Chapter 43.21(C) RCW and Chapter 197-11 WAC, the guidelines by which local agencies will (1) require environmental checklists from private and public entities considering an action potentially subject to the Environmental Impact Statement (EIS) requirement of SEPA, (2) make "threshold determinations" that such an action will not have a significant environmental impact, (3) provide for the preparation of a draft and final EIS if the action has significant impact, and (4) circulate the EIS to other agencies and interested parties.

25. **NOISE CONTROL, CHAPTER 70.107 RCW**. The APPLICANT shall assure compliance with the state Noise Control Act. Objectives of the Act are to assist local governments in implementing local noise ordinances and to control and reduce excessive noise in Washington.

26. **SHORELINE MANAGEMENT ACT OF 1971, CHAPTER 90.58 RCW**. The APPLICANT shall comply with the provisions of Chapter 90.58 RCW. This Act defines a planning program and a permit system, which are initiated at the local government level under state guidance. Its purpose is to protect and enhance the state's shoreline and it includes a comprehensive shoreline inventory process and a master program for regulation of shoreline uses. A permit application at the local level must be in compliance with those plans and consistent with the state Coastal Zone Management program if substantial developments and shoreline modifications occur, and a record of the application and decision must be submitted to the state.

27. **STATE BUILDING CODE, CHAPTER 19.27 RCW; ENERGY RELATED BUILDING STANDARDS, CHAPTER 19.27A RCW; AND PROVISIONS IN BUILDINGS FOR AGED AND HANDICAPPED PERSONS, CHAPTER 70.92 RCW.** The APPLICANT shall comply with the provisions of Chapter 19.27 RCW, Chapter 19.27A RCW, Chapter 70.92 RCW and the regulations for building construction and for barrier free facilities adopted by the Washington State Building Code Council pursuant to these statutes. The State Building Code Act provides for a uniform state building code and mandates counties, cities and towns to administer and enforce its provisions. Local governments are authorized to modify the state building code to fit local conditions as long as such modifications do not result in a code that is less than the minimum performance standards and objectives contained in the state code.

28. **OPEN PUBLIC MEETINGS ACT, CHAPTER 42.30 RCW**. The APPLICANT shall comply with provisions of Chapter 42.30 RCW which require that all meetings of the governing body which pertain to this Grant Agreement shall be open to the public except those where specific provision is made for executive sessions pursuant to RCW 42.30.110.

29. **LAW AGAINST DISCRIMINATION, CHAPTER 49.60 RCW**. The APPLICANT shall comply with the provisions of Chapter 49.60 RCW in all activities relating to this Grant Agreement.

30. **GOVERNOR'S EXECUTIVE ORDER 89-10, DECEMBER 11, 1989: PROTECTION OF WETLANDS, AND GOVERNOR'S EXECUTIVE ORDER 90-04, APRIL 21, 1990: PROTECTION OF WETLANDS**. The APPLICANT shall ensure that it avoids any activities that would adversely affect wetlands and adequately mitigates unavoidable

impacts. For the purposes of this requirement, except where a contrary definition is provided by statute, mitigation means: (1) avoiding the impact altogether by not taking certain action or part of an action; (2) minimizing impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts; (3) rectifying the impact by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; (5) compensating for the impact by replacing, enhancing, or providing substitute resources or environments; and (6) monitoring the impact and taking appropriate corrective measures.

Mitigation for individual actions may include a combination of the above measures. Mitigation may not include any of the above measures to the extent that they may be contrary to statute as applied under the particular circumstances. Emergency work that is essential to save lives and protect property and public health is exempt from these provisions.

31. PREVAILING WAGES ON PUBLIC WORKS, CHAPTER 39.12 RCW. The APPLICANT shall comply with the provisions of Chapter 39.12, Prevailing Wages on Public Works. This statute mandates that the prevailing rate of wage, as determined by the State Department of Labor and Industries, be paid to workers performing under public works contracts.

32. CONTRACTING WITH SMALL MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE AND LABOR SURPLUS AREA FIRMS. In accordance 44 CFR 13.36(e), Contracting With Small and Minority Firms, if employing contractors or suppliers the Contractor will take affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible. (1) The grantee and subgrantee will take all necessary affirmative steps to assure that minority firms, women's enterprises and labor surplus area firms are used when possible. (2) Affirmative steps shall include: (i) Placing qualified small and minority businesses, and women's business enterprises on solicitation lists; (ii) Assuring that small and minority enterprises are solicited whenever they are potential sources; (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises; (iv)Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises; (v) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and (vi) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (e)(2)(i) through (v) of this section.

33. PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATION EQUIPMENT OR SERVICES

(a) *Definitions.* As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim), as used in this clause—

(b) Prohibitions.

(1) Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2

C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.

(2) Unless an exception in paragraph (c) of this clause applies, the contractor and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:

(i) Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(ii) Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;

(iii) Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or

(iv) Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

(c) Exceptions.
(1) This clause does not prohibit contractors from providing— (i) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or (ii) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) By necessary implication and regulation, the prohibitions also do not apply to: (i) Covered telecommunications equipment or services that:

i. Are *not used* as a substantial or essential component of any system; *and*
ii. Are *not used* as critical technology of any system.
(ii) Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.

(d) Reporting requirement.
(1) In the event the contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph (d)(2) of this clause to the recipient or subrecipient, unless elsewhere in this contract are established procedures for reporting the information.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if

known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) *Subcontracts.* The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

34. DOMESTIC PREFERENCE FOR PROCUREMENTS

As appropriate, and to the extent consistent with law, the contractor should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

For purposes of this clause:
Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

Manufactured products mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

In compliance with section 1225 of the Disaster Recovery Reform Act of 2018, the APPLICANT and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

35. COMPLIANCE WITH FEDERAL LAW, REGULATIONS AND EXECUTIVE ORDERS AND ACKNOWLEDGEMENT OF FEDERAL FUNDING

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

36. NO OBLIGATION BY FEDERAL GOVERNMENT

The federal government is not a party to this contract and is not subject to any obligations or liabilities to the non-federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

37. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

38. AFFIRMATIVE SOCIOECONOMIC STEPS

If subcontracts are to be let, the prime contractor is required to take all necessary steps

identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

39. COPYRIGHT AND DATA RIGHTS

License and Delivery of Works Subject to Copyright and Data Rights

The Contractor grants to the APPLICANT, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Contractor will identify such data and grant to the APPLICANT or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Contractor will deliver to the APPLICANT data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the APPLICANT.

APPENDIX D

BID PROPOSAL DOCUMENTS

INCLUDING:

Notice to Contractor

Proposal Form

Non-Collusion Declaration

Proposal Signature Page

Certification of Compliance with Wage Payment Statutes

Local Agency Subcontractors List

Lewis County Department of Public Works

Geoff Soderquist, PE, Public Works Director
Wesley Anderson, PE, County Engineer

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 12:15 p.m. on **December 3, 2026**, at the Lewis County Courthouse, Chehalis, Washington, for the Jones Road Culvert Replacement Project – County Project No. SM 21F171900171, FEMA No. 4593 DR.

SEALED BIDS MUST BE DELIVERED BY OR BEFORE
12:15 P.M. on Thursday December 3, 2026
(**Bids submitted after 12:15 PM will not be considered for this project**.)

Bids must be submitted electronically through the procurement portal at https://procurement.opengov.com/portal/lewiscountywa or sealed bids must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), no later than 12:15 pm on Thursday, December 3, 2026, and be in accordance with the plans, specifications, and other contract documents available through the procurement portal. Sealed bids must be in an envelope clearly marked: ***"SEALED BID FOR THE JONES ROAD CULVERT REPLACEMENT PROJECT – COUNTY PROJECT NO. SM 21F171900171, FEMA NO. 4593 DR, TO BE OPENED ON OR AFTER 12:15 P.M. ON DECEMBER 3, 2026.***

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory contract bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ www.lewiscountywa.gov or you may call the Lewis County Engineers office @ (360) 740-1123 Ext. 2 and request a copy be mailed to you. Plan or specification changes shall be accomplished through official project addendums.

Lewis County, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the Jones Road Culvert Replacement Project, County Project No. SM 21F171900171, FEMA No. 4593 DR, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

SCHEDULE A

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
1	1 L.S.	MOBILIZATION	LUMP SUM	$
2	0.40 ACRE	CLEARING AND GRUBBING	$	$
3	1 L.S.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	$
4	215 C.Y.	ROADWAY EXCAVATION INCL. HAUL	$	$
5	800 TON	GRAVEL BORROW INCL.. HAUL	$	$
6	595 TON	STREAMBED MIX	$	$
7	370 C.Y.	DITCH EXCAVATION INCL. HAUL	$	$
8	48 L.F.	CL. V REINF. CONC. CULVERT PIPE 18 IN. DIAM.	$	$
9	1 L.S.	TEMPORARY STREAM DIVERSION	LUMP SUM	$
10	1,025 C.Y.	STRUCTURE EXCAVATION CLASS A INCL. HAUL	$	$
11	1 L.S.	SHORING OR EXTRA EXCAVATION CLASS A	LUMP SUM	$
12	265 C.Y.	GRAVEL BACKFILL FOR WALL	$	$
13	1,000 L.F.	FURNISHING ST. PILING	$	$
14	16 EA.	DRIVING ST. PILE	$	$
15	40,050 LB.	ST. REINF. BAR FOR BRIDGE	$	$
16	1 L.S.	STRUCTURE SURVEYING	LUMP SUM	$
17	1 L.S.	SUPERSTRUCTURE--JONES RD BRIDGE MP 1.71	LUMP SUM	$
18	285 C.Y.	CONCRETE CLASS 4000 FOR BRIDGE	$	$
19	80 L.F.	TRAFFIC BARRIER	$	$
20	180 S.Y.	BRIDGE APPROACH SLAB	$	$
21	760 TON	CRUSHED SURFACING BASE COURSE	$	$
22	260 TON	CRUSHED SURFACING TOP COURSE	$	$

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
23	0.12 MILE	SHOULDER FINISHING	$	$
24	195 TON	HMA CL. 3/8 IN PG 58H-22	$	$
25	25 DAY	ESC LEAD	$	$
26	0.27 ACRE	SEEDING AND MULCHING	$	$
27	125 S.Y.	EROSION CONTROL BLANKET	$	$
28	20 S.Y.	STABILIZED CONSTRUCTION ENTRANCE	$	$
29	1 EST.	EROSION / WATER POLUTION CONTROL	CALCULATED	$5,000.00
30	0.07 ACRE	BARK OR WOOD CHIP MULCH	$	$
31	860 L.F.	HIGH VISIBILITY SILT FENCE	$	$
32	1 L.S.	PLANTING MITIGATION CONSTRUCTION	LUMP SUM	$
33	2 EA.	LARGE WOODY DEBRIS	$	$
34	4 EA.	BALLAST BOULDERS	$	$
35	4 EA.	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	$	$
36	105 L.F.	EXTRUDED CURB	$	$
37	50 L.F.	BEAM GUARDRAIL TYPE 31	$	$
38	4 EA.	BEAM GUARDRAIL TRANSITION SECTION TYPE 24	$	$
39	280 L.F.	PAINT LINE	$	$
40	16 EA.	FLEXIBLE GUIDE POST	$	$
41	15 L.F.	PAINTED STOP LINE	$	$
42	1 L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$
43	297 S.F.	CONSTRUCTION SIGNS CLASS A	$	$
44	1 L.S.	TRIMMING AND CLEANUP	LUMP SUM	$
45	315 S.Y.	CONSTRUCTION GEOTEXTILE FOR SEPARATION	$	$
46	1 EST.	REIMBURSEMENT FOR THIRD PARTY DAMAGE	ESTIMATED	$0.00
47	1 CALC.	MINOR CHANGE	CALCULATED	$25,000.00
48	1 L.S.	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	LUMP SUM	$
		SCHEDULE A	SUB-TOTAL BID	$

SCHEDULE B

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
49	1 L.S.	CENTRALIA WATERMAIN RELOCATION	LUMP SUM	$
		SCHEDULE B	SUB-TOTAL BID	$
		SCHEDULES A & B	TOTAL BID	$
CONTRACT PRICE SHALL BE DETERMINED USING SCHEDULES A & B TOTAL BID				

Failure to return this Declaration as part of the bid proposal package will make the bid nonresponsive and ineligible for award.

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.**

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

PROPOSAL - SIGNATURE PAGE

The bidder is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

CASH ☐ IN THE AMOUNT OF_____

CASHIER'S CHECK ☐ _____DOLLARS

CERTIFIED CHECK ☐ ($_____) PAYABLE TO THE LEWIS COUNTY TREASURER

PROPOSAL BOND ☐ IN THE AMOUNT OF 5% OF THE BID

** Receipt is hereby acknowledged of addendum(s) No.(s) _____, _____, _____, & _____

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Proposal Must be Signed _____

Firm Name _____

Address _____

_____

_____

State of Washington Contractor's License No. _____

Unified Business Identifier (U.B.I.) No. _____

Contact E-mail Address. _____

Telephone No. _____

Federal ID No. _____

Note:
This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Lewis County Engineer will be cause for considering the proposal irregular and subsequent rejection of the bid.

*Attach proof of authority to sign in accordance with Section 1-02.6 of the Standard Specifications, if applicable.

Washington State
Department of Transportation

Contractor Certification
Wage Law Compliance - Responsibility Criteria
Washington State Public Works Contracts

FAILURE TO RETURN THIS CERTIFICATION AS PART OF THE BID PROPOSAL PACKAGE WILL MAKE THIS BID NONRESPONSIVE AND INELIGIBLE FOR AWARD

I hereby certify, under penalty of perjury under the laws of the State of Washington, on behalf of the firm identified below that, to the best of my knowledge and belief, this firm has NOT been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48, or 49.52 within three (3) years prior to the date of the Call for Bids.

Bidder Name: _____
Name of Contractor/Bidder - Print full legal entity name of firm

By: _____ _____
Signature of authorized person — Print Name of person making certifications for firm

Title: _____ **Place:** _____
Title of person signing certificate — Print city and state where signed

Date: _____

Form 272-009
08/2017

Washington State Department of Transportation

Local Programs Subcontractor List

In compliance Section 1-02.6

To be Submitted with Bid

FA # _____ **LOCAL AGENCY** _____

PROJECT NAME _____

BIDDER: _____

Bidders must list on this Subcontractor Form any Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or indicate when the Prime Contractor chooses to self-perform any of the work described herein.

Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work or naming more than one contractor to perform the same work will result in your bid being non-responsive.

Bidders are notified that it is the opinion of the contracting agency that PVC or metal conduit, junction boxes, etc, are considered electrical work. **For Federal Aid Projects, bidders are not required to submit proof of license at the time of bid.**

Trade	You must select one box for each trade.
Heating, Ventilation & Air Conditioning (HVAC)	☐ Name of Sub: _____ ☐ N/A (this project does not include this work) ☐ Bidder will self-perform this work
Plumbing	☐ Name of Sub: _____ ☐ N/A (this project does not include this work) ☐ Bidder will self-perform this work
Electrical	☐ Name of Sub: _____ ☐ N/A (this project does not include this work) ☐ Bidder will self-perform this work
Structural Steel Installation	☐ Name of Sub: _____ ☐ N/A (this project does not include this work) ☐ Bidder will self-perform this work
Rebar Installation	☐ Name of Sub: _____ ☐ N/A (this project does not include this work) ☐ Bidder will self-perform this work

DOT Form 271-015LP

Revised 08/2026

APPENDIX E

CONTRACT DOCUMENTS

INCLUDING:

Contract Form

Contract Bond

Power Equipment List

CONTRACT

THIS AGREEMENT, made and entered into this __ day of _____, 2026, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and _____ of _____

for___sel___, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

WITNESSETH:

That in consideration of the payments, covenants and agreements hereinafter mentioned to be made and performed by the parties hereto, the parties hereto covenant and agree as follows:

DESCRIPTION OF WORK:

1. The Contractor shall do all work and furnish all material necessary to improve Jones Road MP 1.71 by replacing Culvert with Bridge, and other work, all in Lewis County Washington, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any extra work which may be ordered as provided in this contract and every part thereof.

The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.

3. The Contractor for itself, and for his heirs, executors administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

4. It is further provided that no liability shall attach to the County be reason of entering into this contract, except as expressly provided herein.

5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information for bidders, bid proposal form, general conditions (if any), special conditions (if any), complete specifications and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

_____

By:_____

_____
Contractor

Performance of foregoing contract assured in accordance with the terms of the accompanying bond.

Dated: _____, 2026

By:_____
Surety

By:_____
Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN MEYER Prosecuting Attorney

By:_____
Civil Deputy

APPROVED:

_____

County Engineer

CONTRACT BOND FOR **Bond No. _____**
LEWIS COUNTY, WASHINGTON

WE, _____ d/b/a _____
(Insert legal name of Contractor) (Insert trade name of Contractor, if any)

(hereinafter "Principal"), and _____ (hereinafter "Surety"), are held and firmly bound unto **LEWIS COUNTY, WASHINGTON** (hereinafter "County"), as Obligee, in an amount (in lawful money of the United States of America) equal to the total compensation and expense reimbursement payable to Principal for satisfactory completion of Principal's work under Contract No. **SM 21F171900171, FEMA No. 4593 DR.** between Principal and County, which total is ***initially*** _____Dollars ($_____), for the payment of which sum Principal and Surety bind themselves, their executors, administrators, legal representatives, successors and assigns, jointly and severally, firmly by these presents.. Said contract (hereinafter referred to as "the Contract") is for the **Jones Road Culvert Replacement Project** and is made a part hereof by this reference. The Contract includes the original agreement as well as all documents attached thereto or made a part thereof and amendments, change orders, and any other document modifying, adding to or deleting from said Contract any portion thereof.

This Bond is executed in accordance with the laws of the State of Washington, and is subject to all provisions thereof and the ordinances of County insofar as they are not in conflict therewith, and is entered into for the use and benefit of County, and all laborers, mechanics, subcontractors, and materialmen, and all persons who supply such person or persons, or subcontractors, with provisions or supplies for the carrying on of the work covered by Contract No. **SM 21F171900171, FEMA No. 4593 DR.,** between the below-named Contractor and County for the **Jones Road Culvert Replacement Project**, a copy of which Contract, by this reference is made a part hereof and is hereinafter referred to as "the Contract." (The Contract as defined herein includes the aforesaid agreement together with all of the Contract documents including addenda, exhibits, attachments, modifications, alterations, and additions thereto, deletions therefrom, amendments and any other document or provision attached to or incorporated into the Contract)

THE CONDITION OF THIS OBLIGATION is such that if Contractor shall promptly and faithfully perform the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

THE PARTIES FURTHER ACKNOWLEDGE & AGREE AS FOLLOWS:

(1) Surety hereby consents to, and waives notice of, any alteration, change order, or other modification of the Contract and any extension of time made by County, except that any single or cumulative change order amounting to more than twenty-five percent (25%) of the penal sum of this bond shall require Surety's written consent.

(2) Surety recognizes that the Contract includes provisions for additions, deletions, and modifications to the work or Contract Time and the amounts payable to Contractor. Subject to the limitations contained in paragraph (1) above, no such change or any combination thereof, shall void or impair Surety's obligation hereunder.

(3) Surety is subject to the provisions contained in Section 1-03.4, "Contract Bond," of the Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge, and Municipal Construction. And such provisions are incorporated by reference. A copy may be viewed at WSDOT's website www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/.

(4) Whenever County has declared Contractor to be in default and County has given Surety written notice of such declaration, Surety shall promptly (in no event more than thirty [30] days following receipt of such notice), specify, in written notice to County, which of the following actions Surety intends to take to remedy such default, and thereafter shall:

(a) Remedy the default within fifteen (15) days after its notice to County, as stated in such notice; or

(b) Assume within fifteen (15) days following its notice to County, full responsibility for the completion of the Contract in accordance with all of its provisions, as stated in such notice, and become entitled to payment of the balance of the Contract sum as provided in the Contract; or

(c) Pay County upon completion of the Contract, in cash, the cost of completion together with all other reasonable costs and expenses incurred by County as a result of Contractor's default, including but not limited to those incurred by County to mitigate its losses, which may include but are not limited to attorneys' fees and the cost of efforts to complete the work prior to Surety's exercising any option available to it under this Bond; or

(d) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon a determination by County and Surety jointly of the lowest responsible bidder, arrange for one or more agreements between such bidder and County, and make available as work progresses (even though there is a default or a succession of defaults under such agreement(s) for completion arranged for under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which Surety may be liable hereunder, the penal sum of this Bond. The term "balance of the Contract price," as used in this paragraph, shall mean the total amount payable by County to Contractor under the Contract, less the amount properly paid by County to Contractor.

(5) If County commences suit and obtains judgment against Surety for recovery hereunder, then Surety, in addition to such judgment, shall pay all costs and attorneys' fees incurred by County in enforcement of County's rights hereunder. The venue for any action arising out of or in connection with this bond shall be in Lewis County, Washington.

(6) No right or action shall accrue on this Bond to or for the use of any person or corporation other than Lewis County, except as herein provided.

(7) No rider, amendment or other document modifies this Bond except as follows, which by this reference is incorporated herein:

SURETY'S QUALIFICATIONS: Every Surety named on this bond must appear on the United States Treasury Department's most current list (Circular 570 as amended or superseded) and be authorized by the Washington State Insurance Commissioner to transact business as a surety in the State of Washington. In addition, the Surety must have a current rating of at least A-:VII in A. M. Best's Key Rating Guide.

INSTRUCTIONS FOR SIGNATURES: This bond must be signed by the president or a vice-president of a corporation; the managing general partner of a partnership; managing joint venturer of a joint venture; manager of a limited liability company or, if no manager has been designated, a member of such LLC; a general partner of a limited liability partnership; or the owner(s) of a sole proprietorship. If the bond is signed by any other representative, the Principal must attach currently-dated, written proof of that signer's authority to bind the Principal, identifying and quoting the provision in the corporate articles of incorporation, bylaws, Board resolution, partnership agreement, certificate of formation, or other document authorizing delegation of signature authority to such signer, and confirmation acceptable to the County that such delegation was in effect on the date the bond was signed. **A NOTARY PUBLIC MUST ACKNOWLEDGE EACH SIGNATURE BELOW.**

FOR THE SURETY:

By _____
(Signature of Attorney-in-Fact)

_____
(Type or print name of Attorney-in-Fact)

_____
(Type or print telephone number for Attorney-in-Fact)

FOR THE PRINCIPAL:

By:_____
(Signature of authorized signer for Contractor)

_____
(Type or print name of signer for Contractor)

_____
(Type or print title of signer for Contractor)

STATE OF _____)
) ss: **ACKNOWLEDGMENT FOR CONTRACTOR**
COUNTY OF _____)

On this _____ day of _____, ____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, the person described in and who executed the foregoing bond, and acknowledged to me that signed and sealed said bond as the free and voluntary act and deed of the Contractor so identified in the foregoing bond for the uses and purposes therein mentioned, and on oath stated that _____is authorized to execute said bond for the Contractor named therein. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

_____ _____
(Signature of Notary Public) (Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____. ***SEAL*** ➔

STATE OF _____)
) ss: **ACKNOWLEDGMENT FOR SURETY**
COUNTY OF _____)

On this _____ day of _____, ____, before me a notary public in and for the State of _____, duly commissioned and sworn, personally appeared _____, Attorney-in-Fact for the Surety that executed the foregoing bond, and acknowledged said bond to be the free and voluntary act and deed of the Surety for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute said bond on behalf of the Surety, and that the seal affixed on said bond or the annexed Power of Attorney is the corporate seal of said Surety. WITNESS my hand and official seal hereto affixed the day and year in this certificate first above written.

_____ _____
(Signature of Notary Public) (Print or type name of Notary Public)

Notary Public in and for the State of _____ residing at _____
My commission expires _____. ***SEAL*** ➔

POWER EQUIPMENT LIST

The undersigned furthermore certifies that he/she is thoroughly aware that time is of the essence for the completion of this contract within the time specified in the special provisions, and hereby agrees to provide the Engineer a list of his power equipment to be used on this project.

This equipment list will be used in computing any Force Account that may be performed within this contract.

The Contractor must complete this form in its entirety.

POWER EQUIPMENT

Type of Equipment	Make	Model Number	Serial Number	* Capacity	Year Built

APPENDIX F

PERMIT DOCUMENTS

Project Environmental Review Form

Project Location Information

Contractor: TBD | Date: 09-02-2026

Project Address/Road MP: Jones Rd MP 1.71, (near) Centralia, WA 98531

Priority: ☐ Emergency ☐ Urgent ☒ Routine

Specific Project Information

Task/project and brief description of project: Lewis County Public Works proposes to repair a compromised portion, approximately 0.06 miles, of roadway at Jones Rd milepost (MP) 1.71 near Centralia, WA. The current culvert and roadway will be replaced with a 38-ft long by 33-ft wide pre-stressed slab girder bridge with steel pipe abutments.

Purpose: During heavy rainfall on January 3, 2021, stream swelling and the rising of South Hanaford Creek caused the existing 11-ft by 7-ft metal culvert to fail, leading to severe soil erosion under the roadway, causing road failure. Additionally, the existing culvert is currently considered a fish passage barrier but with the replacement of the culvert, it will remove said barrier.

Equipment to be used: Excavator, Crane, Roller, Grader, Hand Tools, etc.

Size/length of culverts: See construction plans

Total cubic yards of material to be removed/placed: See construction plans | Material Type: See construction plans

Depth, Width and Length of ditch/area where material to be removed/placed: See construction plans

Project start date: 5-1-2027 | Project end date: 11-30-2027

Environmental Information

Approximate areas of any exposed soil: See construction plans

Any flowing/standing water at this site? Yes

Name of waterbody or nearest stream (if known): South Hanaford Creek | Location of work from waterbody/wetland: In/Adjacent

Are fish potentially present Yes ☒ No ☐ If so contact environmental | Fish Exclusion Needed? Yes ☒ No ☐

Contact Environmental Yes ☒ No ☐ Contact Name: Ann Weckback Date contacted: 1-3-2021

BMP's to be used:

☒ Cofferdam	☐ Coir Log	☒ Silt Fence	☐ Concrete Containment
☒ Dewatering	☐ Triangular Silt Dike	☐ Erosion Control Fabric	☐ Diaper Netting
☒ Stream Bypass	☐ Rock Check Dam	☒ Hydroseeding	☒ Stabilized Construction Entrance
☐ Vactoring	☒ Straw Wattles	☐ Mulching	
☐ Turbidity Curtain	☒ Sand Bags	☒ Hand Seeding	☐ Inlet Protection
☐ Riprap	☐ Straw Bales	☒ Live Staking	☒ Dust Control
☒ Streambed Gravel	☐ Other		

Erosion and Sediment Control Lead: TBD | Phone: TBD

Comments:

- Proposed project shall follow all provisions set forth by federal, state, and local permits as well as those listed in the Contract Special Provisions and Contract Plans.
- Any/All disturbed soil that is not being worked, whether at final grade or not, shall be hydroseeded within 2 to 7 days as appropriate (within 2 days from October 1st to April 30th and within 7 days from May 1st through September 30th).
- The in-water work window for the project is August 1st to August 30th. The in-water work window for the project may be extended from July 15th to July 31st and from September 1st to September 15th provided that, during these times, visual observations are made twice daily to monitor for congregations for juvenile and adult anadromous fish in the area immediately upstream and downstream of the isolated work area. In the event that groups of juvenile salmonids are waiting near the upstream end of the isolated work area during these times, the County Environmental Planner must be contacted to notify the WDFW Habitat Biologist that fish will be moved downstream of the work area.

Project Environmental Review Form

Contractor: TBD	Project Address: Jones Rd MP 1.71, (near) Centralia, WA 98531
Date Investigated: 09-02-2026	Latitude/Longitude: 46.6954761, -122.8362989
Findings: The existing roadway requires repair measures to mitigate the roadway failure.	
BMP's: *See checklist on previous page.*	

Permitting Information

Permit	Permit Required		Initials	Date Applied	Date Received	Permit Number	Comments
HPA	Yes ☒	No ☐		11-20-2025	01-26-2026	2026-5-16+01	GHPA ☐ HPA ☒
Floodplain	Yes ☒	No ☐		10-14-2025	02-20-2026	FD25-00067	
Shoreline	Yes ☐	No ☒					
NEPA	Yes ☐	No ☒		10-28-2025	05-07-2026	PA-10-WA-4593-PW-00057	FEMA Record of Environmental Considerations
Ecology	Yes ☒	No ☐		10-14-2025	12-15-2025	NWS-2025-839	Section 401
Grading	Yes ☒	No ☐		10-14-2025	02-20-2026	G25-00030	
Corps	Yes ☒	No ☐		10-14-2025	12-15-2025	NWS-2025-839	
	NWP #: 14 – Linear Transportation			PCN? Yes ☒ No ☐			

Work Start Information

Allowed Work Window: Below Ordinary High Water Line August 1st – August 30th. Please see Special Provisions for potential extension.

Permit Expiration: 05-01-2028

Fish Exclusion Needed? Yes ☒ No ☐	WDFW Notification? Yes ☒ No ☐
Are plantings required? Yes ☒ No ☐	Is monitoring required? Yes ☒ No ☐
Was there a pre-maintenance or pre-construction meeting? Yes ☐ No ☒	
Additional Information:	

Environmental Planner

Environmental Approval: Yes ☒ No ☐

Signature _____ Date 9/3/26

Contractor Superintendent

I have read and understood all permit conditions.

Signature _____ Date _____

Erosion and Sediment Control Lead

I have read and understood all permit conditions.

Signature _____ _____

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

NEPA DETERMINATION

Non Compliant Flag: No
EA Draft Date:
EA Final Date:
EA Public Notice Date:
EA Fonsi Date:
Level: CATEX
EIS Notice of Intent Date:
EIS ROD Date:

Comments: Version 0 of this project is to provide the applicant with funding for A&E costs in order to determine and design the required method of repair to address the damages listed in the DDD and restore the facility back to pre-disaster design, function and capacity according to current codes and standards. Please see conditions. - jwitt - 02/17/2022 19:46:58 GMT
Lewis County, Lewis County, Jones Road Box Culvert (GPS: 46.69547, -122.83631), Category C, Work To Be Completed.

SOW: During a storm event, a metal squashed arch pipe culvert (40 ft. L x 11 ft. W x 7 ft. H) was damaged beyond repair, along with the washing away of embankment materials (177.4 CY) and roadway materials (69.8 CY). This project includes a hazard mitigation proposal as method of repair for the culvert to be upsized to a 1-Span Voided Slab Precast Pre-stressed Girder bridge and associated steam restoration up and downstream of the road crossing along South Hanaford Creek.

To begin, the site will be cleared and grubbed (0.4 acres), then excavation will occur to remove the original pipe arch culvert and prism (1,025 CY), along with 215 CY of roadway excavation. Dewatering of the creek will occur via a screened pump bypass stream diversion and then setting up sandbag cofferdams to isolate the area. A total of 520 CY of native streambed materials will be excavated within the channel to begin work on bridge installation. The new reinforcement bar structure bridge (33 ft. L x 39.5 W) will be installed over 16 piles (62 ft./pile), each driven between 55 to 60 ft. deep, with 265 CY of backfill material to fill behind the abutments and wingwalls of the structure (total of 285 CY concrete for all bridge components). A total of 31 ft. width will be achieved between abutments, with an approximate 20 ft. of the ditch width created under the bridge, increasing fish passage from its previous 10 ft. 1-in. pre-disaster width. A total of 520 CY of new streambed mix will be placed in the newly opened channel bottom with modifications up to approximately 73 ft. upstream and 28 ft. downstream from the crossing, which includes creating two meander bars under the bridge, and by adding two pieces of large woody debris with exposed rootwads along with four large ballast boulders on the downstream side to add to habitat complexity and improve flow dynamics. Following work in the creek, water will be restored to the site. On the roadway above, 470 CY of gravel borrow will be used over the excavated roadway (215 CY in-kind, and the other 255 CY to elevate and create a hump shape in the roadway), then 422 CY of crushed base course, 144 CY of crushed top course, and 97 CY of HMA asphalt overlaying that. Two bridge approach slabs (180 SF) will connect the roadway to the new bridge. Other components on the road and bridge will also be included in repairs (extruded curb, guardrails, road paint, signs, etc.). Following work, native species planting, seeding, and mulching (0.21 acre) will occur along with other site restoration measures to bring riparian conditions back to the site area. Maximum area of ground disturbance is 0.66 acres, however, that includes the pre-disturbed roadway, thus new ground disturbance outside of the roadway will be less than half an acre.

CATEX: This project has been determined to be Categorically Excluded (N4) from NEPA, with no extraordinary circumstances, in accordance with FEMA Instruction 108-1-1 and DHS Instruction 023-01-001-01.]
- ewelch2 - 02/17/2026 17:23:38 GMT

CATEX CATEGORIES

Catex Category Code	Description	Selected
*n4	(*n4) Federal Assistance for Actions Involving Stream Work and Modification and Floodways. Federal assistance for repair and restoration actions, hazard mitigation actions other than flood control, or the new construction of facilities that are functionally dependent or facilitate open space use, when the actions are within or affect regulatory floodways, streams, and stream banks and that (a) Involve ground disturbance of less than ½ acre, (b) Involve stream bank work or alteration of less than 300 linear feet, (c) Do not involve hardening or armoring of the stream banks unless the project uses stream or stream bank bioengineering techniques and improve fish passage or habitat, (d) Do not result in adverse flood risk effects to downstream communities, (e) Do not result in any increase of flood levels within the community during the occurrence of the base flood discharge if the action takes place within the regulatory floodway, and (f) Where the effect of the proposed project when combined with other existing or reasonably foreseeable development will not increase water surface elevation of the base flood more than one foot at any point within the community if the action	Yes

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

Catex Category Code	Description	Selected
	takes place in a floodplain with no regulatory floodway.	

EXTRAORDINARY CIRCUMSTANCES

Extraordinary Circumstance Code	Description	Selected ?
	No Extraordinary Circumstances were selected	

ENVIRONMENTAL LAW / EXECUTIVE ORDER

Environmental Law/ Executive Order	Status	Description	Comments
Clean Air Act (CAA)	Completed	Project will not result in permanent air emissions - Review concluded	This project will not result in permanent air emissions. - ewelch2 - 02/17/2026 17:09:52 GMT
Coastal Barrier Resources Act (CBRA)	Completed	Project is not on or connected to CBRA Unit or otherwise protected area - Review concluded	There are no designated CBRS units in WA. - ewelch2 - 02/17/2026 17:07:24 GMT
Clean Water Act (CWA)	Completed	Project would affect waters, including wetlands, of the U.S.	This project required permitting or coordination from the USACE and/or State Agency. See attached documentation. See condition. - ewelch2 - 02/17/2026 17:08:14 GMT
	Completed	Project may require Section 404/401 or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits - Review concluded	
Coastal Zone Management Act (CZMA)	Completed	Project is not located in a coastal zone area and does not affect a coastal zone area - Review concluded	This project is not located within the designated Coastal Zone Management Area for Washington. - ewelch2 - 02/17/2026 17:09:20 GMT
Executive Order 11988 - Floodplains	Completed	Located in floodplain or effects on floodplain/flood levels	Per Flood Insurance Rate Map (FIRM) community and panel number 5301020251B effective 12/15/1981; the project is located wholly, or in part, within the Special Flood Hazard Area (SFHA). Per 44 CFR Part 9, an 8-Step analysis is required. FEMA completed an 8-Step analysis for the culvert crossing being upgraded to a bridge over an open channel with in-stream restoration work, and determined that any effects would be beneficial, minimal and/or temporary and would not adversely affect the floodplain. See attachments and conditions. - ewelch2 - 02/17/2026 17:15:13 GMT
	Completed	Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment	

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

Environmental Law/ Executive Order	Status	Description	Comments
	Completed	8 Step Process Complete - documentation attached - Review concluded	
Executive Order 11990 - Wetlands	Completed	Located in wetlands or effects on wetlands	Per review of the NWI Mapper located at https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/, accessed on 12/30/2025, the project is located in or may affect wetlands. As required by 44 CFR Part 9, the 8-Step process is required, and has been completed as part of the floodplain review. See attached and EO 11988 attachment. - ewelch2 - 02/17/2026 17:16:58 GMT
	Completed	Possible adverse effect associated with constructing in or near wetland	
	Completed	Review completed as part of floodplain review - Review concluded	
Endangered Species Act (ESA)	Completed	Listed species and/or designated critical habitat present in areas affected directly or indirectly by the federal action	Per review of the US Fish and Wildlife Service (USFWS) IPaC mapper and/or National Marine Fisheries Service (NMFS) Section 7 mapper on 12/22/2025, ESA-listed species were identified in the action area. However, under their Section 404 permit authority, this project was initially reviewed by the Consulting Agency USACE who determined no effect to listed species and critical habitat by use of the Regional Road Maintenance Program. Based on project review and analysis, FEMA concurs with the USACE no effect determination that this project did not result in any effects/consequences to listed species or critical habitat. This determination not only addresses aquatic NMFS-listed species, but also includes USFWS -listed species in which there appears to be no suitable habitat conditions at this site for the listed avian and insect species, nor the presence of bull trout according to WDFW Salmonscape Mapper. See attached USACE correspondence and CWA documentation. - ewelch2 - 02/17/2026 17:07:10 GMT*****A correction to the above comment: there are no ESA-listed NMFS species present in the project area.***** - ewelch2 - 02/17/2026 17:22:38 GMT
	Completed	No effect to species or designated critical habitat (See comments for justification) - Review concluded	
Farmland Protection Policy Act (FPPA)	Completed	Project does not affect designated prime or unique farmland - Review concluded	This project is exempt from consideration for protection under Title 440, Conservation Manual Part 523.11(C)(5) Construction within an existing right-of-way purchased on or before 08/04/1984. - ewelch2 - 02/17/2026 17:10:06 GMT
Migratory Bird Treaty Act (MBTA)	Completed	Project located within a flyway zone	This project is located within the Pacific Flyway zone; however, the project does not have the potential to take migratory birds. - ewelch2 - 02/17/2026 17:10:20 GMT

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

Environmental Law/ Executive Order	Status	Description	Comments
	Completed	Project does not have potential to take migratory birds - Review concluded	
Magnuson-Stevens Fishery Conservation and Management Act (MSA)	Completed	Project located in or near Essential Fish Habitat	Per review of the NOAA Essential Fish Habitat Mapper on 12/30/2025, the project is located in or near EFH. However, under their Section 404 permit authority, this project was initially reviewed by the USACE who determined no effect to EFH. Based on project review and analysis, FEMA concurs with the USACE no effect determination that this project did not result in any effects/consequences to EFH. See ESA attachments. - ewelch2 - 02/17/2026 17:10:48 GMT
	Completed	Project does not adversely affect Essential Fish Habitat - Review concluded	
National Historic Preservation Act (NHPA)	Completed	Standard Section 106 review	FEMAs Programmatic Agreement with the Washington State Historic Preservation Officer. and the Washington Emergency Management Division, executed 04/30/2021, includes Programmatic Stipulations for activities that have no effect or limited effect on historic properties, and do not require further review by the SHPO. The scope of work for this project, funding the development of an Architecture and Engineering study, meets Stipulation I.A.8.f. This determination was based on written detailed undertaking damage and repair descriptions, and site map and made by a SOI qualified FEMA archaeologist and/or historic preservation specialist. - mball4 - 02/17/2022 17:41:35 GMT****Reworked for Version 1, construction. FEMA initiated consultation with the Washington SHPO and Tribes on August 15, 2025, and has determined that the proposed scope of work will not affect listed properties or properties eligible for listing on the National Register of Historic Places. SHPO concurred on August 20, 2025, and no response was received from the Tribes. - pfisher1 - 10/09/2025 20:59:21 GMT
	Completed	No properties in the project area are 50 years or older or listed on the National Register - Review concluded	
	Completed	Project affects undisturbed ground	
	Completed	Project area has potential for presence of archeological resources	
	Completed	Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence attached) - Review concluded	
Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA)	Completed	Review concluded	See condition. - ewelch2 - 02/17/2026 17:11:45 GMT

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

Environmental Law/ Executive Order	Status	Description	Comments
Wild and Scenic Rivers Act (WSR)	Completed	Project is not along and does not affect Wild and Scenic River - Review concluded	This project is not along, nor does it affect, a Wild and/or Scenic River or study river. - ewelch2 - 02/17/2026 17:11:00 GMT

CONDITIONS

Special Conditions required on implementation of Projects:

FLOODPLAIN ADMINISTRATOR APPROVAL: Before construction begins, the Applicant must obtain approval from the local permitting official responsible for floodplain development. A copy of the approval/permit, or documentation from the permitting official that an approval/permit is not required, must be forwarded to the State and FEMA for inclusion in the administrative record.

Source of condition: Executive Order 11988 - Floodplains — Monitoring Required: No

NATIONAL FLOOD INSURANCE PROGRAM: The Applicant shall contact their local Floodplain Administrator or State National Flood Insurance Program (NFIP) Coordinator (Amanda Richardson, amanda.richardson@ecy.wa.gov, 509-385-3076). The State and Applicant are responsible for ensuring the work is compliant with the NFIP and all necessary permits are obtained and submitted by grant closeout for review.

Source of condition: Executive Order 11988 - Floodplains — Monitoring Required: No

CLEAN WATER ACT SECTION 401 PERMITTING: Before construction begins, the Applicant is responsible for coordinating with, and obtaining any required Section 401 permit(s) from, the WA Department of Ecology. The Applicant shall comply with all conditions and pre-construction notification requirements of the required permit(s). A copy of the approval/permit, or documentation from the permitting official that an approval/permit is not required, and any other coordination pertaining to these activities must be forwarded to the State and FEMA for inclusion in the administrative record.

Source of condition: Clean Water Act (CWA) — Monitoring Required: No

SOLID AND HAZARDOUS WASTE: The Applicant shall handle, manage, and dispose of all solid and hazardous waste in accordance with requirements of local, state, and federal laws, regulations, executive orders, and ordinances. The Applicant shall ensure that all debris is separated appropriately and disposed of in a manner that is consistent with the Department of Ecology regulations at a permitted site or landfill. Documentation of disposal at a permitted site or landfill will be required at closeout.

Source of condition: Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA) — Monitoring Required: No

This project version (0) does not include approval for construction of any kind. Prior to starting construction, the Applicant must submit design/engineering working drawings (or preliminary working drawings at least 35% complete) to FEMA . A subsequent version for this project will have to be written, reviewed and approved by FEMA EHP prior to the start of construction. Failure to obtain FEMA EHP approval prior to starting construction could jeopardize Federal assistance, including funding.

Source of condition: NEPA Determination — Monitoring Required: No

Should the A&E Study require a geotechnical investigation to determine the appropriate damage repair, the geotechnical investigation would be limited to investigative borings that may be performed within the previously disturbed roadway prism within the public right of way. Should it be determined that a geotechnical investigation would require equipment access and staging off of hard surfaces (e.g. preexisting paved or gravel surfaces) or any ground disturbing activities such as clearing and grubbing, shovel tests, trenching, etc., a scope of work for the proposed ground disturbing activities shall be provided for further review in advance of conducting the work.

Source of condition: NEPA Determination — Monitoring Required: No

Anticipated future project may require CWA Section 404 compliance/permit. Please reach out to the Lewis County United States Army Corps of Engineers regulatory contact.

Source of condition: NEPA Determination — Monitoring Required: No

Anticipated future project may require floodplain permit. Please reach out to the Lewis County Floodplain Administrator or State National Flood Insurance Program (NFIP) Coordinator at the State of Washington State Department of Ecology.

Source of condition: NEPA Determination — Monitoring Required: No

FEDERAL EMERGENCY MANAGEMENT AGENCY

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project ID: PA-10-WA-4593-PW-00057

Title: 185477-Jones Road Box Culvert

Standard Conditions:

Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.

This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

APPENDIX A: INADVERTENT DISCOVERY PLAN

The following Inadvertent Discovery Plan (IDP) outlines the procedures to be implemented, in accordance with state and federal laws, if NRHP potentially-eligible and ineligible cultural resource materials are inadvertently discovered during construction. The separate protocol for discovery of human skeletal remains is also described below.

1. RECOGNIZING CULTURAL RESOURCES

A cultural resource is an item of historical, traditional, or cultural importance. The item could be prehistoric or historic. Examples might include:

- A multi-species accumulation of shell (shell-midden) with associated bone, stone, antler or wood artifacts, burned rocks or charcoal.
- Bones that appear to be human or animal bones associated with a shell-midden (i.e. with associated artifacts or cooking features).
- An area of charcoal or very dark stained soil with associated artifacts.
- Artifacts made of chipped or ground stone (i.e. an arrowhead, adze or maul) or an accumulation (more than one) of cryptocrystalline stone flakes (lithic debitage).
- Basketry, cedar garments, fish weir stakes or items made of botanical materials.
- Clusters of tin cans or bottles, logging or agricultural equipment that appear to be older than 50 years.
- Buried railroad tracks, decking, or other industrial materials.

Not all cultural resource material encountered will be potentially-eligible for listing on the NRHP. To be eligible for the NRHP cultural resources identified during construction must be 50 years of age or older, meet one or more of the four criteria listed below, and retain sufficient physical integrity to convey historical significance (36 CFR 60.4). A building, site, object, or structure may be considered for inclusion in the NRHP if it meets at least one of the following criteria:

1. The property is associated with events that have made a significant contribution to the broad patterns of our history.
2. The property is associated with the lives of persons significant in our past.
3. The property embodies the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components might lack individual distinction.
4. The property has yielded, or might be likely to yield, information important in prehistory or history.

The following archaeological resources will indicate potentially NRHP-eligible deposits and will be assumed NRHP-eligible until determined otherwise by the State Historic Preservation Officer (SHPO):

- Precontact deposits (such as midden deposits) associated with Native American use or occupation.
- Historic era non-Native American artifacts from NRHP-eligible (or potentially NRHP eligible) deposits (native soil or surfaces that were stable and exposed either between fill episodes, or after the conclusion of historic filling).
- Historic features consisting of stratified deposits with artifact concentrations that appear to be spatially or temporally distinct. This includes refuse deposits, privies, or other discrete accumulations.
- Courses of brick or other architectural materials that are part of a building foundation or pavement in their original position.
- Historic era non-Native American artifacts from non-eligible contexts, only if they are diagnostic or have educational value.

Examples of deposits that will not be considered NRHP eligible include:

- Isolated or loose construction materials (brick, mortar, window glass), bottles, cans, located within fill sediments (not located in primary context).
- Mass deposits of lumber, concrete, granite, coal, etc.
- Pilings, decking, trestle, and railroad track, unless of clearly unusual construction.
- Historic-era artifacts not associated with a feature or stable surface.

Artifacts or deposits that are not potentially eligible, as described above, will be noted in daily field logs, photographed and documented on scaled site plans if possible. The protocol for Inadvertent Discovery, including the stop-work clause noted in the procedure below will not be implemented for artifacts or deposits that are not potentially eligible for listing in the NRHP.

2. ON-SITE RESPONSIBILITIES

STEP 1: STOP WORK

If any contractor or subcontractor believes that he or she has uncovered any cultural resource during construction of the project, all work adjacent to the discovery must stop. The discovery location should not be left unsecured at any time. Cultural resources encountered during an archaeological survey are intentional discoveries and are not covered under this plan.

STEP 2: NOTIFY DAHP

Rob Whitlam, Ph.D.
DAHP, State Archaeologist
Rob.Whitlam@dahp.wa.gov
(360) 586-3080
(360) 890-2615

The DAHP will review the eligibility criteria above, make a recommendation to the artifact or deposits potential eligibility, and will proceed with agency and tribal notification as necessary (so

long as the artifact or deposit is determined eligible). After consultation, DAHP will complete a written plan of action describing the disposition of cultural resources pursuant to 43 CFR Part 10 and will execute their prescribed duties within that plan of action.

3. PROTOCOL FOR DISCOVERY OF HUMAN SKELETAL REMAINS

In the event that human remains are discovered during the construction, the following procedures are to be followed to ensure compliance with RCW 68.60: Abandoned and Historic Cemeteries and Historic Graves, and RCW 27.44: Indian Graves and Records. Washington State law requires immediate notification of known or suspected human remains to county and/or municipal law enforcement agencies, county medical examiner or coroner's offices, DAHP, and federal and local agencies involved directly with the project or having jurisdiction over the subject properties.

If ground-disturbing activities encounter human skeletal remains during construction, then all activity that may cause further disturbance to those remains must immediately cease and the area of the find must be secured and protected from further disturbance. Any human remains that are discovered will be treated with dignity and respect. The remains should not be touched, moved, or further disturbed. If, however, handling of human remains is unavoidable, the archaeological monitor and/or professional archaeologist will use cloth gloves. All remains will remain covered with a tarpaulin that will not be removed until such time that the coroner assumes jurisdiction of the find.

The finding of human skeletal remains must be reported to the County Medical Examiner / Coroner in the most expeditious manner possible. The County Medical Examiner / Coroner will determine if the remains are human and whether the discovery constitutes a crime scene. If the remains are determined to not be a crime scene, the County Medical Examiner / Coroner will notify DAHP. The DAHP will be responsible for informing the affiliated tribes regarding the discovery. Contact information for the County Medical Examiner / Coroner and the DAHP is provided below.

CONTACT INFORMATION IF HUMAN SKELETAL REMAINS ARE DISCOVERED

Warren McLeod	Guy Tasa, State Physical Anthropologist
Lewis County Coroner	Department of Archaeology and Historic Preservation
360-740-1376	360-586-3534

4. PROCEEDING WITH CONSTRUCTION

Project construction outside the discovery location may continue while documentation and assessment of the cultural resources proceed. A Cultural Resources Specialist (either from DAHP, a consulting Tribe, or a professional consultant) must determine the boundaries of the discovery location. In consultation with DAHP and affected tribes, the project lead will determine the appropriate level of documentation and treatment of the resource. If federal agencies are involved, the agencies will make the final determinations about treatment and documentation.

Construction may continue at the discovery location only after the process outlined in this plan is followed, and DAHP (and the federal agencies, if any) determine that compliance with state and federal laws is complete.

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SEATTLE DISTRICT
4735 EAST MARGINAL WAY SOUTH, BLDG 1202
SEATTLE, WA 98134-2388

December 15, 2025

Regulatory Division

Ms. Ann Weckbeck
Lewis County Public Works
57 West Main Street
Chehalis, Washington 98532

Reference: NWS-2025-839
Lewis County Public Works
(Culvert Removal)

Dear Ms. Weckbeck:

We have reviewed your application to remove an 11-foot by 7-foot by 41-foot metal culvert, excavate, discharge, and grade up to 248 cubic yards of native material, streambed mix, wood, and ballast boulders, in up to 1,820 square feet, or along 94 linear feet, of South Hanaford Creek near Centralia, Lewis County, Washington. Based on the information you provided to us, Nationwide Permit (NWP) 14, *Linear Transportation Projects* (Federal Register December 27, 2021, Vol. 86, No. 245), authorizes your proposal as depicted on the enclosed drawings dated June 23, 2025.

In order for this authorization to be valid, you must ensure the work is performed in accordance with the enclosed *NWP 14, Terms and Conditions*.

We have reviewed your project pursuant to the requirements of the Endangered Species Act, the Magnuson-Stevens Fishery Conservation and Management Act, and the National Historic Preservation Act. We have determined this project complies with the requirements of these laws provided you comply with all of the permit general and special conditions.

The Federal Emergency Management Agency completed no effect determinations for the National Historic Preservation Act and Section 7 of the Endangered Species Act (ESA) for its involvement in the proposed activity. For the purpose of this Department of the Army authorization, we have determined this project will comply with the requirements of these laws provided you comply with all of the permit general conditions. We have determined the permit action is sufficiently addressed in their ESA consultation documents. By this letter we are advising you and the Services, in accordance with 50 CFR 402.07 and 50 CFR 600.920(b), that this agency has served

as the lead Federal agency for the ESA consultation responsibilities for the activity described above.

Please note that National General Condition 21, *Discovery of Previously Unknown Remains and Artifacts*, found in the *Nationwide Permit Terms and Conditions* enclosure, details procedures that must be followed should an inadvertent discovery occur. You must ensure that you comply with this condition during the construction of your project.

The authorized work complies with the Washington State Department of Ecology's (Ecology) Water Quality Certification (WQC) requirements for this NWP. No further coordination with Ecology for WQC is required.

You have not requested a jurisdictional determination for this proposed project. If you believe the U.S. Army Corps of Engineers does not have jurisdiction over all or portions of your project you may request a preliminary or approved jurisdictional determination (JD). If one is requested, please be aware that we may require the submittal of additional information to complete the JD and work authorized in this letter may not occur until the JD has been completed.

Our verification of this NWP authorization is valid until March 14, 2026, unless the NWP is modified, reissued, or revoked prior to that date. If the authorized work for the NWP authorization has not been completed by that date and you have commenced or are under contract to commence this activity before March 14, 2026, you will have until March 14, 2027, to complete the activity under the enclosed terms and conditions of this NWP. Failure to comply with all terms and conditions of this NWP verification invalidates this authorization and could result in a violation of Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act. You must also obtain all local, State, and other Federal permits that apply to this project.

Upon completing the authorized work, you must fill out and return the enclosed *Certificate of Compliance with Department of the Army Permit*. All compliance reports should be submitted to the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch electronically at nws.compliance@usace.army.mil. Thank you for your cooperation during the permitting process. We are interested in your experience with our Regulatory Program and encourage you to complete a customer service survey. Referenced documents and information about our program are available on our website

at www.nws.usace.army.mil, select "Regulatory Permit Information". If you have any questions, please contact me at Shannon.C.Flannigan@usace.army.mil or (509)559-9932.

Sincerely,

Shannon Flannigan, Project Manager
Regulatory Branch

Enclosures

cc:
Ecology (ecyrefedpermits@ecy.wa.gov)

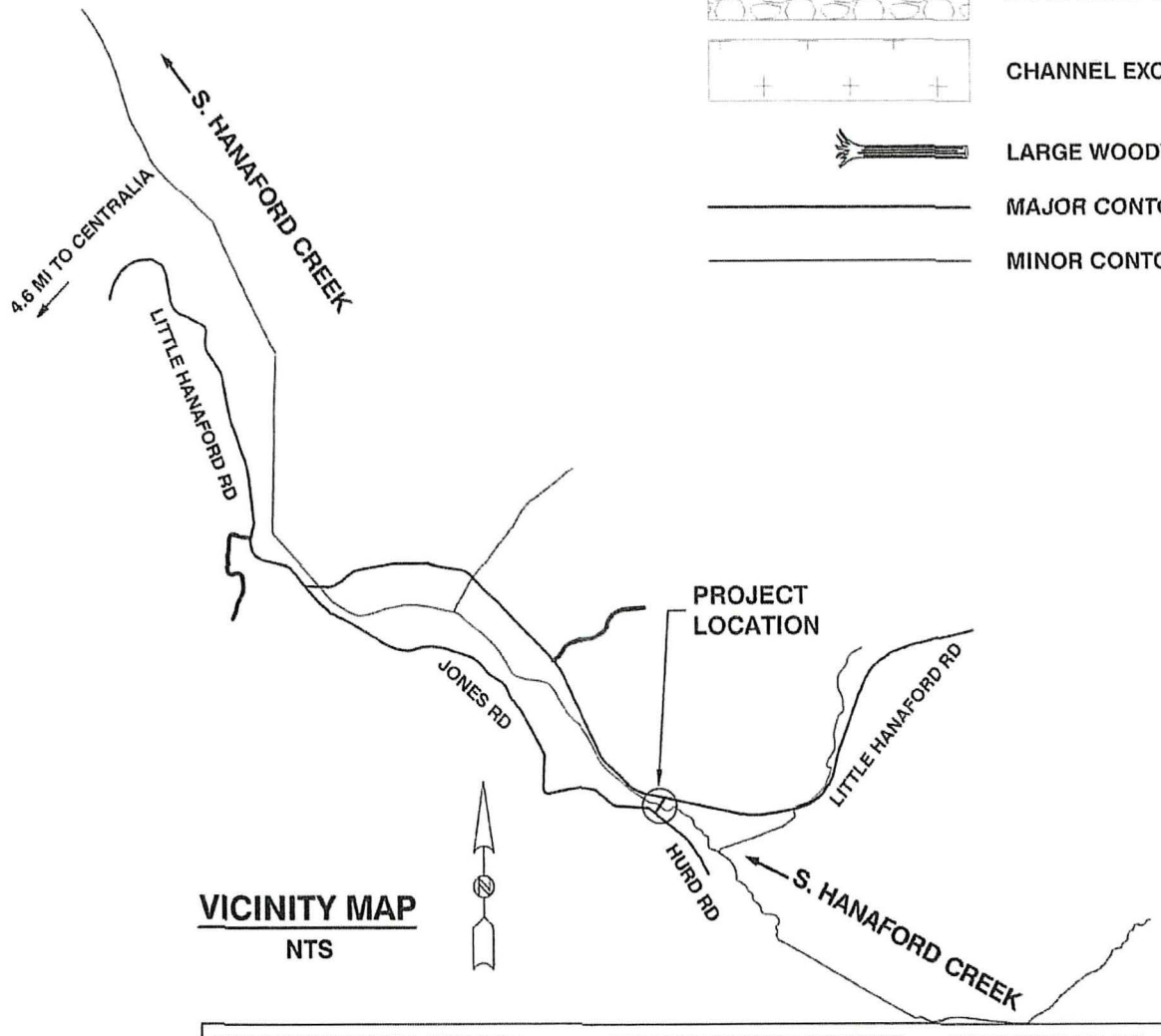
LEGEND

EXISTING FEATURES

- EDGE OF ROAD
- OHW — ORDINARY HIGH WATER
- RIGHT OF WAY
- 100 YR — 100 YEAR FLOODPLAIN
- MAJOR CONTOUR (5')
- MINOR CONTOUR (1')
- PARCEL LINE

NEW CONSTRUCTION

- STREAM CENTERLINE
- HVS — HIGH VIS. SILT FENCE
- C — CUT LIMIT
- F — FILL LIMIT
- TEMPORARY CONSTRUCTION EASEMENT
- STREAMBED MIX
- CHANNEL EXCAVATION
- LARGE WOODY DEBRIS
- MAJOR CONTOUR (5')
- MINOR CONTOUR (1')



VICINITY MAP

NTS

REFERENCE NUMBER: NWS-2025-

PROJECT LOCATION (ADDRESS): JONES ROAD MP 1.71
CENTRALIA, WA 98531

PROPOSED PROJECT: JONES RD MP 1.71
CULVERT REPLACEMENT

APPLICANT: LEWIS COUNTY

LAT/LONG: 46.6954761°, -122.8362989°

VERTICAL DATUM: NAVD88

HORIZONTAL DATUM: NAD83

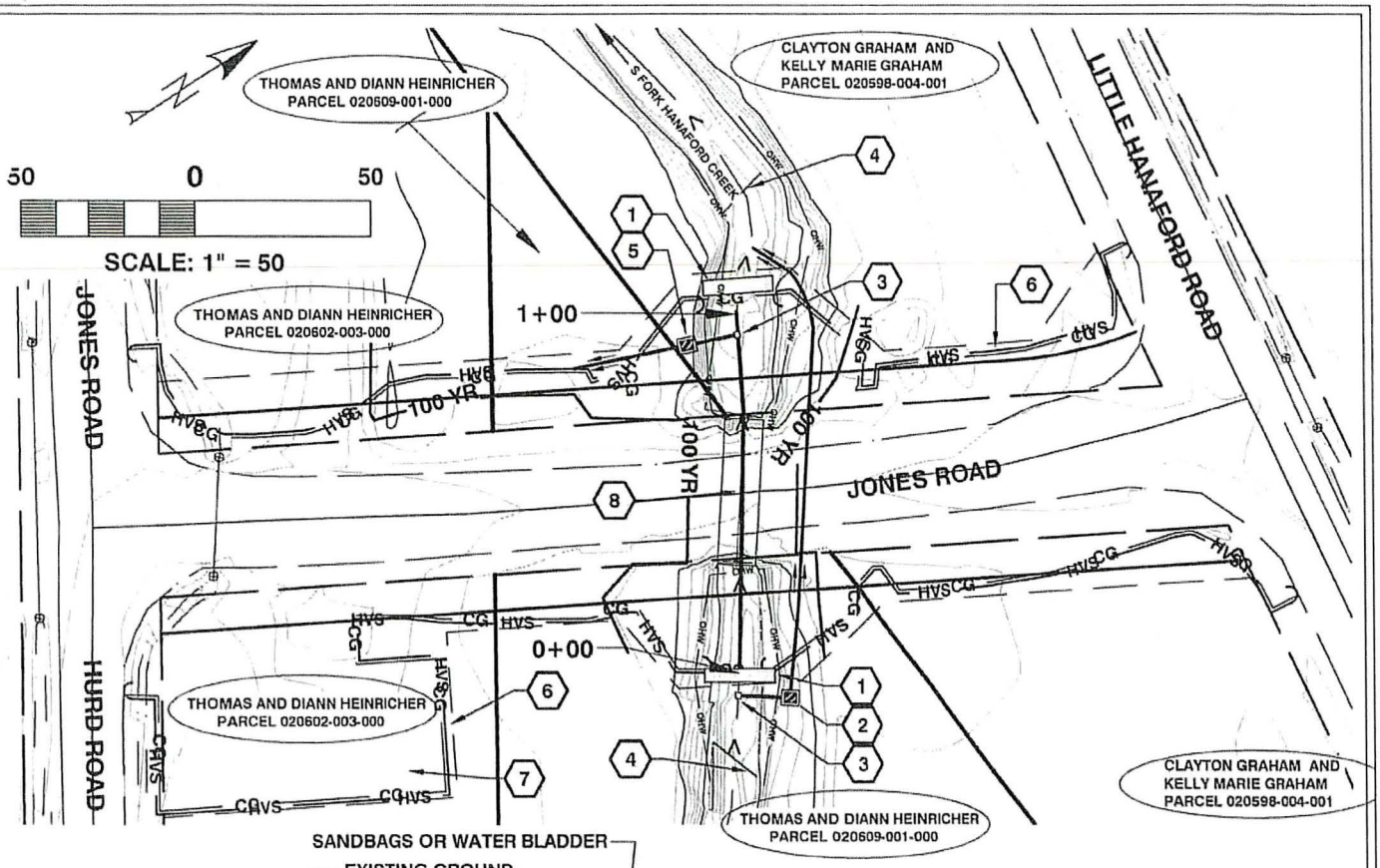
IN: (waterbody) S. HANAFORD CRK
NEAR/AT: (city) CENTRALIA
COUNTY: LEWIS

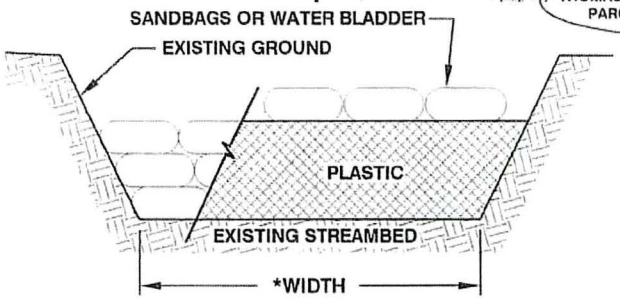
ADJACENT PROPERTY OWNERS:
1. PARCEL#020598-004-001 GRAHAM, CLAYTON K & KELLY MARIE
2. PARCEL#020609-001-000 HEINRICHER, THOMAS & DIANN
3. PARCEL#020602-003-000 HEINRICHER, THOMAS & DIANN

SHEET 1 OF 9 DATE: 06/23/2025

Lewis County
Department of Public Works

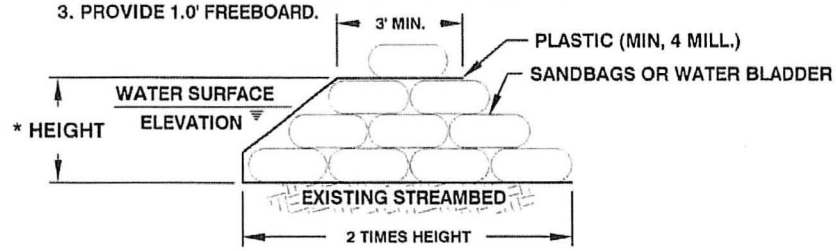
NWS-2025-839





* WIDTH OF COFFER DAM SHALL BE DETERMINED BY THE EXISTING BANK OF THE STREAM AT THE TIME OF CONSTRUCTION.

NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.



* HEIGHT OF COFFER DAM SHALL BE DETERMINED BY THE WATER SURFACE ELEVATION AT THE TIME OF CONSTRUCTION.

NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

CONSTRUCTION NOTES:

1. INSTALL COFFERDAM PER DETAILS THIS SHEET AT STA 0+00 AND 1+05
2. INSTALL SPILL CONTAINED PUMP SYSTEM FOR TEMPORARY STREAM BYPASS
3. PUMP INTAKE SCREEN OVER ALL INTAKE HOSES PER WDFW REQUIREMENTS
4. FISH DIVERSION SCREEN UPSTREAM OF BYPASS INTAKE AND DOWNSTREAM OF BYPASS OUTLET PER HPA, 45° ANGLE FROM PERPENDICULAR
5. INSTALL SPILL CONTAINED PUMP SYSTEM FOR WORK AREA DEWATERING
6. INSTALL HIGH VISIBILITY SILT FENCE
7. TEMPORARY STAGING AREA
8. EXISTING 11'X7' CMP CULVERT PIPE TO BE REMOVED

EXISTING CONDITIONS & DEWATERING PLAN

(NAVD) 88

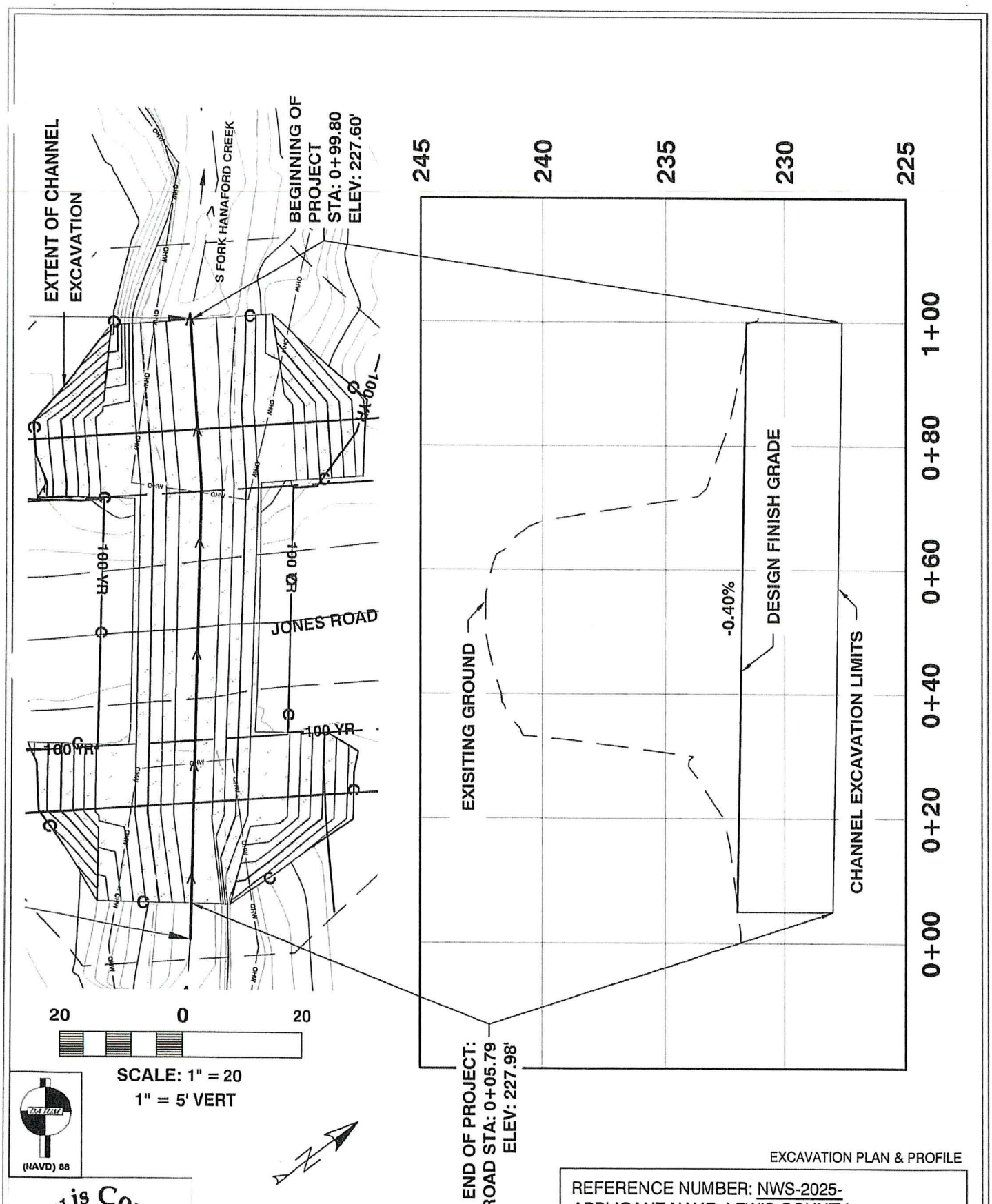
Lewis County
Department of Public Works

COFFER DAM - SECTION VIEW

NOTE:
THE CALCULATED 100 YR ELEVATION IS SHOWN RATHER THAN THE FEMA 100-YEAR EFFECTIVE FLOODPLAIN AS THE PROJECT IS IN ZONE A.

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 2 OF 9 DATE: 06/23/2025

NWS-2025-839



Lewis County
Department of Public Works

NOTE:
THE CALCULATED 100 YR ELEVATION IS SHOWN RATHER THAN THE FEMA 100-YEAR EFFECTIVE FLOODPLAIN AS THE PROJECT IS IN ZONE A.

EXCAVATION PLAN & PROFILE

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71
CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 3 OF 9 DATE: 06/23/2025

NWS-2025-839

Lewis County
Department of Public Works

(NAVD) 88

SCALE: 1" = 20'

20' 0 20'

NOTE:
THE CALCULATED 100 YR ELEVATION IS SHOWN RATHER THAN THE FEMA 100-YEAR EFFECTIVE FLOODPLAIN AS THE PROJECT IS IN ZONE A.

CONSTRUCTION NOTES:

STREAMBED MIX INCLUDES THE FOLLOWING SUB MIXES WITH THE FOLLOWING COMPOSITIONS.

STREAMBED MIX: 30 PERCENT STREAMBED SEDIMENT AND 70 PERCENT 6-INCH STREAMBED COBBLES

MEANDER BAR HEAD MIX : 30 PERCENT STREAMBED SEDIMENT, 50 PERCENT 10-INCH STREAMBED COBBLES, AND 20 PERCENT STREAMBED BOULDERS (TYPE ONE)

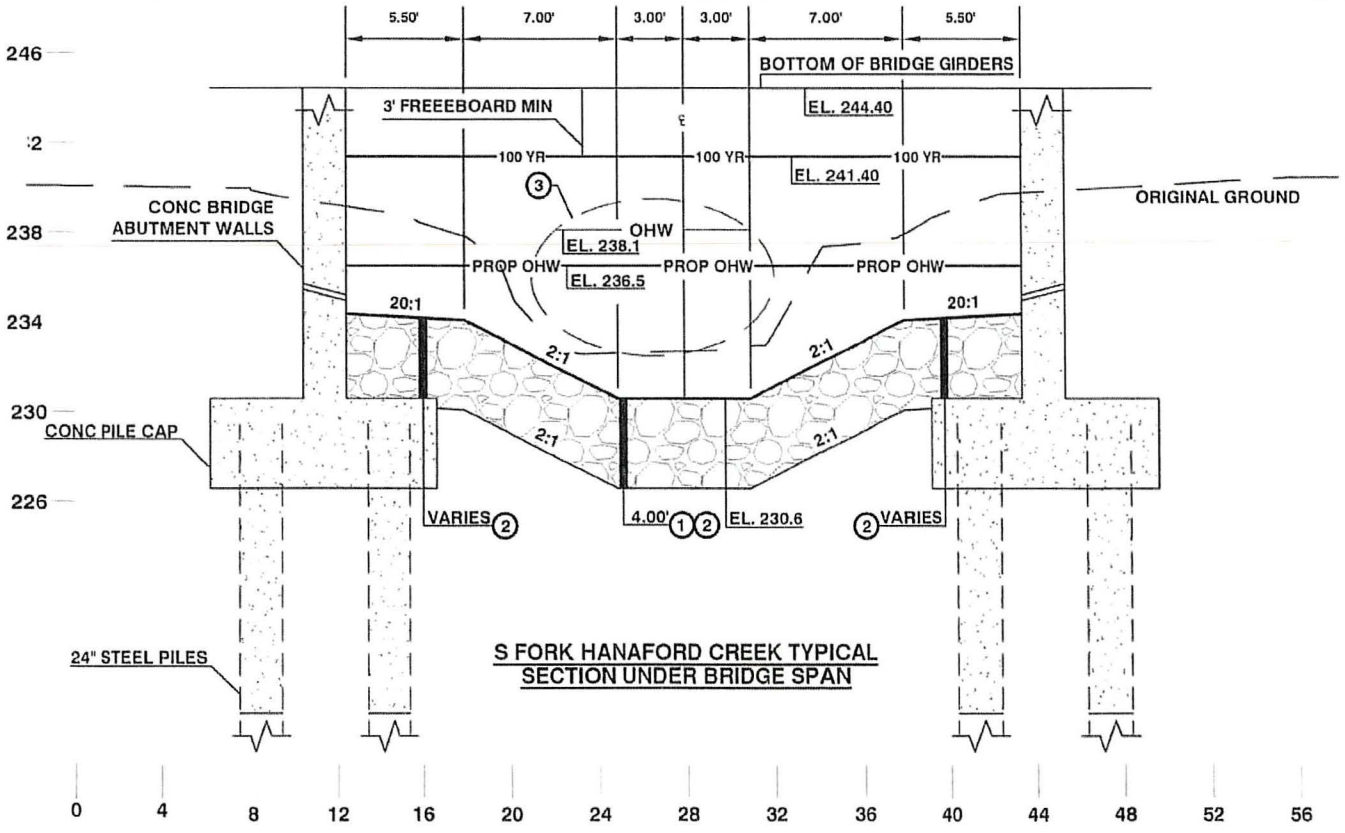
MEANDER BAR TAIL MIX: 30 PERCENT STREAMBED SEDIMENT AND 70 PERCENT 10-INCH STREAMBED COBBLES

APPROXIMATELY 2 INCHES OF STREAMBED SAND SHALL BE PLACE ON TOP OF EACH 1-FOOT LIFT OF STREAMBED AND MEANDER BAR MIX TO PROVIDE STABILITY TO THE COBBLE MIX AND FILL ALL VOIDS. STREAMBED SAND SHALL BE THOROUGHLY WATERED TO CREATE A UNIFORM, NON-POROUS MIX AT EACH 1-FOOT LAYER.

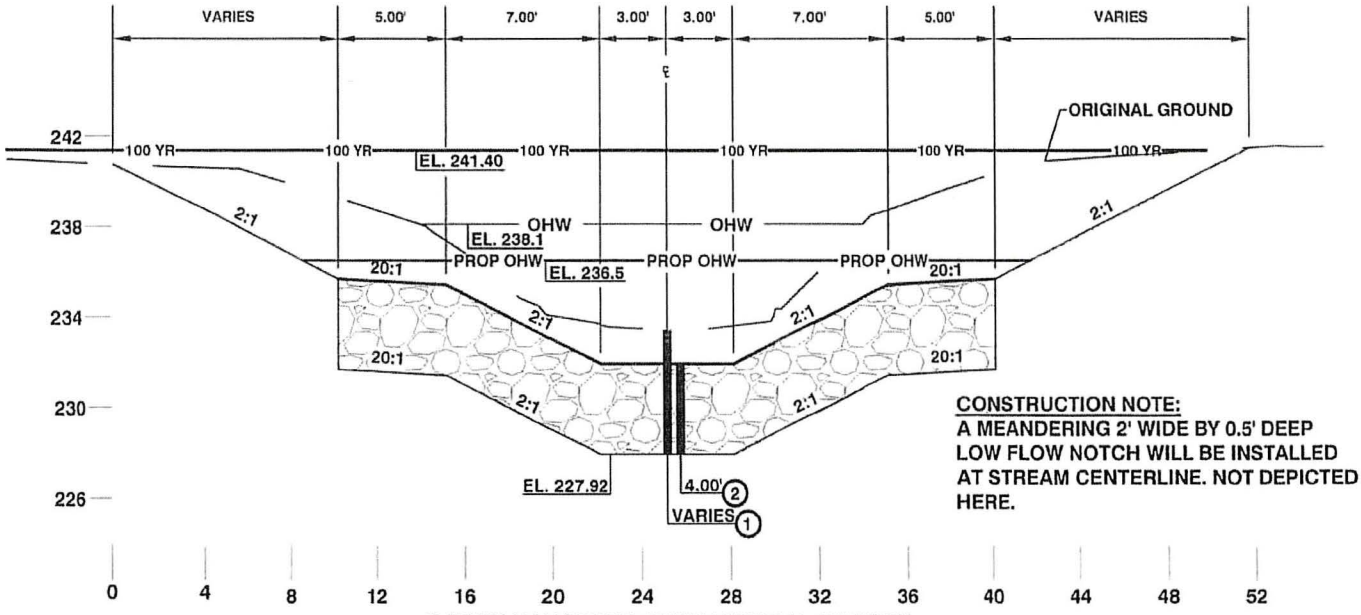
REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 4 OF 9 DATE: 06/23/2025

STREAM PLAN

NWS-2025-839



S FORK HANAFORD CREEK TYPICAL SECTION UNDER BRIDGE SPAN



S FORK HANAFORD CREEK TYPICAL SECTION

CONSTRUCTION NOTE:
A MEANDERING 2' WIDE BY 0.5' DEEP LOW FLOW NOTCH WILL BE INSTALLED AT STREAM CENTERLINE. NOT DEPICTED HERE.

LEGEND

(NAVD) 88

1. DITCH EXCAVATION INCL. HAUL
2. STREAMBED MIX
3. EXISTING 11'X7' CMP CULVERT TO BE REMOVED

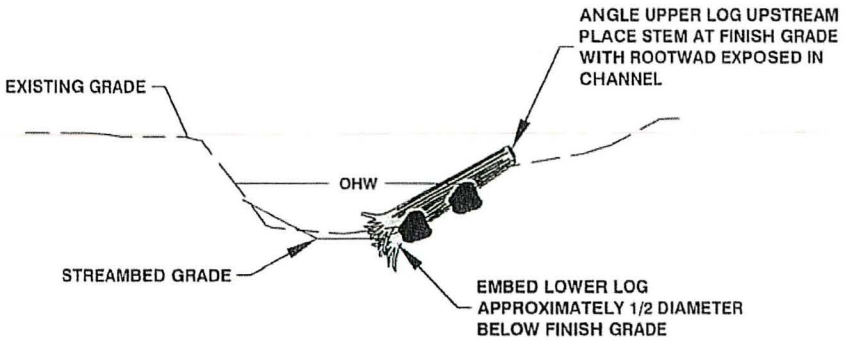
Lewis County
Department of Public Works

NOTE:
THE CALCULATED 100 YR ELEVATION IS SHOWN RATHER THAN THE FEMA 100-YEAR EFFECTIVE FLOODPLAIN AS THE PROJECT IS IN ZONE A.

CROSS SECTIONS & BRIDGE DETAILS

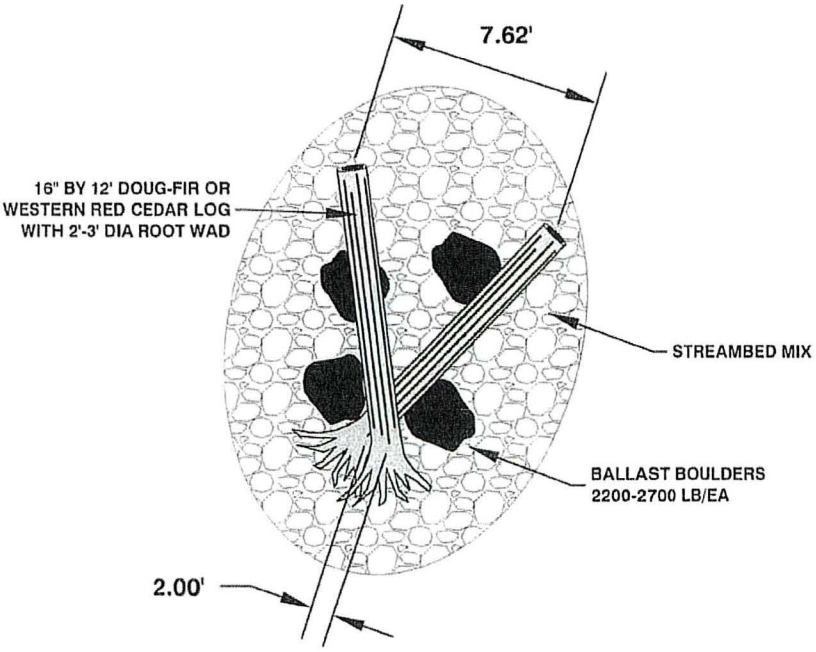
REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 5 OF 9 DATE: 06/23/2025

NWS-2025-839



LWD SECTION VIEW

NOT TO SCALE



LWD PLAN VIEW

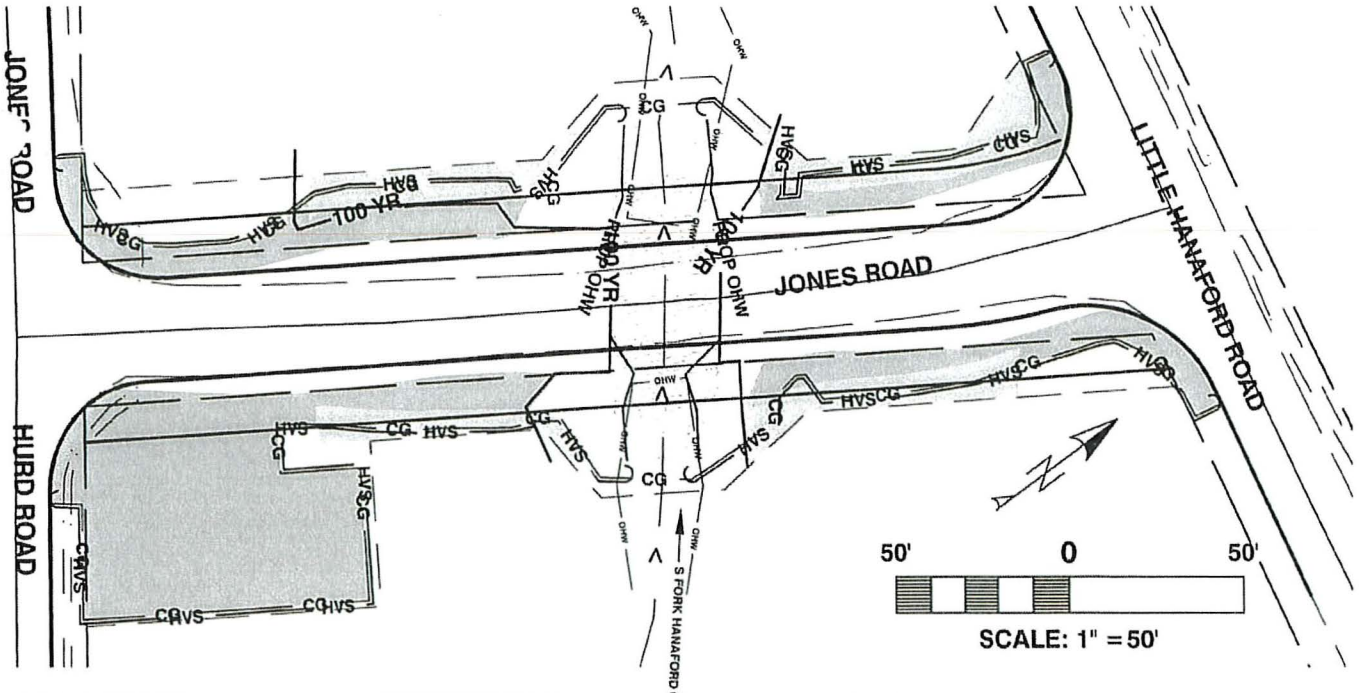
NOT TO SCALE

(NAVD) 88

Lewis County
Department of Public Works

LWD DETAILS

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71
CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 6 OF 9 DATE: 06/23/2025



STREAM BANK PLANTING ZONE (1,718 S.F.)

HYDROSEED ONLY (8,380 S.F.)

UPLAND RIPARIAN PLANTING ZONE 3,140 S.F.)

Planting Zone	Scientific Name	Common Name	Type	Indicator Status	Size of Plants (Material)	Planting Density (Spacing)	Proportion of Planting in Strata (%)	Number of Plants
Stream Bank Planting Zone	*Frangula purshiana*	Cascara	T	FAC	2 gallon container	12' on-center	100	12
area:1,718 sq ft	*Cornus sericea*	Red Osier Dogwood	S	FACW	6' Live Stake	5' on-center	35	20
	Salix geyeriana	Geyer Willow	S	FACW	6' Live Stake	5' on-center	20	11
	Salix sitchensis	Sitka Willow	S	FACW	6' Live Stake	5' on-center	35	20
	Salix lucida	Pacific Willow	S	FACW	6' Live Stake	5' on-center	10	6
Upland Riparian Planting Zo	*Fraxinus latifolia*	Oregon Ash	T	FACW	2 gallon container	12' on-center	30	7
area: 3,140 sq ft	*Pseudotsuga menziesii*	Douglas Fir	T	FACU	2 gallon container	12' on-center	40	9
	Acer macrophyllum	Big-Leaf Maple	T	FACU	2 gallon container	12' on-center	30	7
	Acer circiniatum	Vine Maple	S	FAC	1 gallon container	5' on-center	35	36
	Oemleria cerasiformis	Indian Plum	S	FACU	1 gallon container	5' on-center	25	26
	Rubus spectablis	Salmonberry	S	FAC	1 gallon container	5' on-center	5	5
	Symphoricarpos albus	Common Snowberry	S	FACU	1 gallon container	5' on-center	35	36

(NAVD) 88

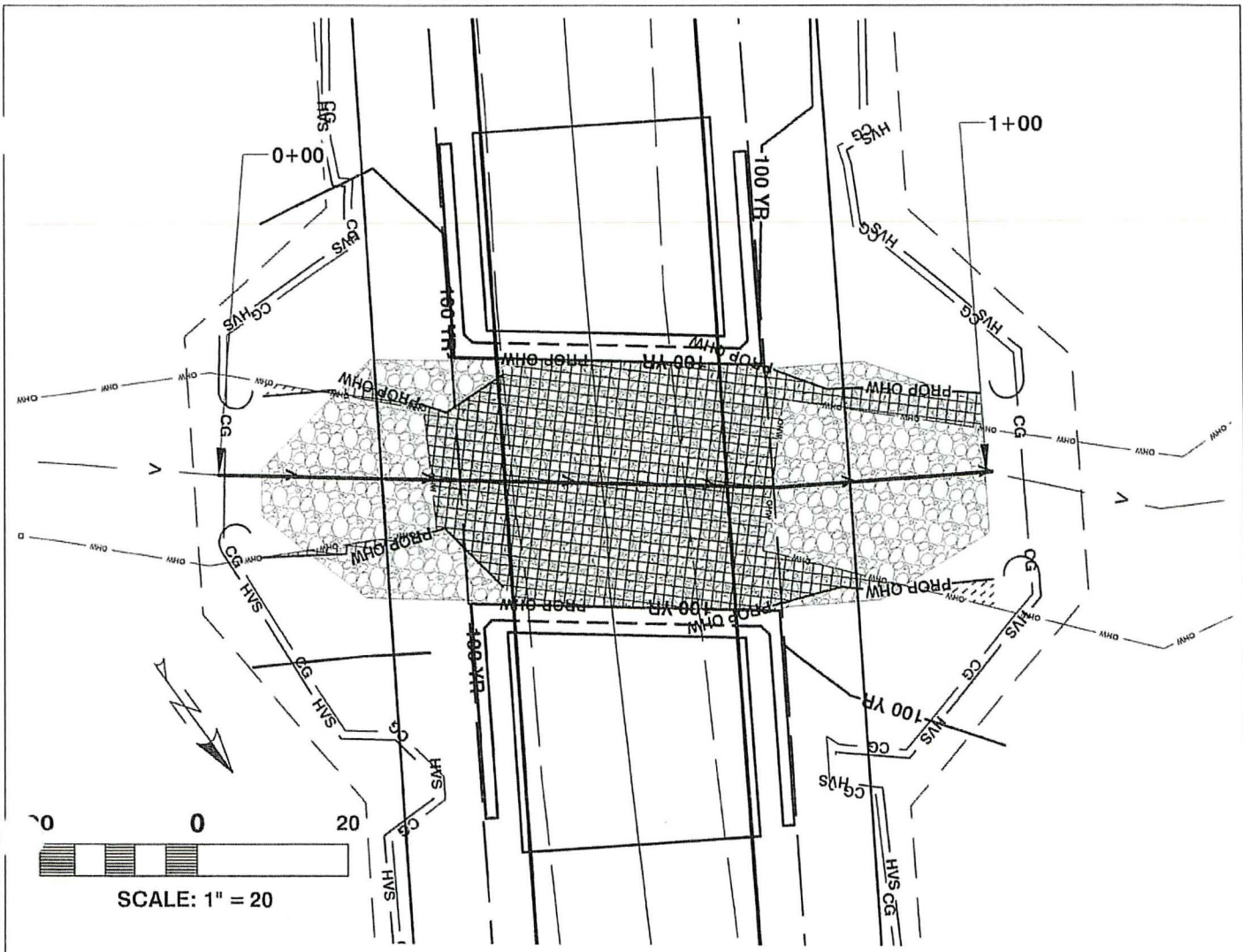
NOTE:
ALL DISTURBED SOILS WITHIN CLEAR AND GRUB LIMITS SHALL BE HYDRO-SEEDED WITH ROADSIDE SEED MIX AT 80 LBS/AC

PLANTING PLAN

Lewis County
Department of Public Works

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 7 OF 9 DATE: 06/23/2025

NWS-2025-839



OUTSIDE EXISTING OHW WITHIN PROPOSED OHW (1412 S.F.)

OUTSIDE PROPOSED OHW WITHING EXISTING OHW (26 S.F.)

(NAVD) 88

IMPACT AREA

Lewis County
Department of Public Works

NOTE:
THE CALCULATED 100 YR ELEVATION IS SHOWN RATHER THAN THE FEMA 100-YEAR EFFECTIVE FLOODPLAIN AS THE PROJECT IS IN ZONE A.

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 8 OF 9 DATE: 06/23/2025

SUMMARY OF QUANTITIES

CULVERT REPLACEMENT (STA 0+05.79 - 0+99.80) QUANTITIES BELOW OHWM

Temporary	Fill - Coffer Dams	160 SQ FT	12 CY
Temporary	Excavation - Channel Excavation	1,803 SQ FT	238 CY
Permanent	Excavation - Channel Excavation	339 SQ FT	134 CY
Permanent	Fill - Streambed Mix	1,820 SQ FT	240 CY
Permanent	Fill - LWD with Boulder Ballast	100 SQ FT	8 CY

Total Quantities Below OHWM

Fill	260 CY
Excavation	372 CY

CULVERT REPLACMENT (STA 0+05.79 - 0+99.80) QUANTITIES ABOVE OHWM BELOW 100 YR

Temporary	Excavation - Channel Excavation	1,582 SQ FT	565 CY
Permanent	Excavation - Channel Excavation	2,513 SQ FT	332 CY
Permanent	Fill - Streambed Mix and Structure Backfill	1,582 SQ FT	565 CY

Total Quantities Above OHWM

Fill	565 CY
Excavation	897 CY

Project Totals

Total Fill	825 CY
Total Excavation	1,269 CY

(NAVD) 88

Lewis County
Department of Public Works

NOTE

THE CALCULATED 100 YR ELEVATION IS SHOWN AS THE PROJECT IS IN ZONE A.

SUMMARY OF QUANTITIES

REFERENCE NUMBER: NWS-2025-
APPLICANT NAME: LEWIS COUNTY
PROPOSED PROJECT: JONES RD MP 1.71 CULVERT REPLACEMENT
LOCATION: MP 1.71 JONES ROAD
SHEET 9 OF 9 DATE: 06/23/2025

NWS-2025-839

US Army Corps of Engineers ®
Seattle District

NATIONWIDE PERMIT 14
Terms and Conditions

2021 NWPs - Final 41; Effective Date: February 25, 2022
amended with RGCs 10-14 June 28, 2024

A. Description of Authorized Activities
B. U.S. Army Corps of Engineers (Corps) National General Conditions for All Final 41 NWPs
C. Seattle District Regional General Conditions
D. Seattle District Regional Specific Conditions for this Nationwide Permit (NWP)
E. 401 Water Quality Certification (401 WQC) for this NWP
F. Coastal Zone Management Consistency Response for this NWP

In addition to any special condition that may be required on a case-by-case basis by the District Engineer, the following terms and conditions must be met, as applicable, for a Nationwide Permit (NWP) authorization to be valid in Washington State.

A. DESCRIPTION OF AUTHORIZED ACTIVITIES

14. Linear Transportation Projects. Activities required for crossings of waters of the United States associated with the construction, expansion, modification, or improvement of linear transportation projects (e.g., roads, highways, railways, trails, driveways, airport runways, and taxiways) in waters of the United States. For linear transportation projects in non-tidal waters, the discharge of dredged or fill material cannot cause the loss of greater than 1/2-acre of waters of the United States. For linear transportation projects in tidal waters, the discharge of dredged or fill material cannot cause the loss of greater than 1/3-acre of waters of the United States. Any stream channel modification, including bank stabilization, is limited to the minimum necessary to construct or protect the linear transportation project; such modifications must be in the immediate vicinity of the project.

This NWP also authorizes temporary structures, fills, and work, including the use of temporary mats, necessary to construct the linear transportation project. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges of dredged or fill material, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate.

This NWP cannot be used to authorize non-linear features commonly associated with transportation projects, such as vehicle maintenance or storage buildings, parking lots, train stations, or aircraft hangars.

Notification: The permittee must submit a pre-construction notification to the district engineer prior to commencing the activity if: (1) the loss of waters of the United States exceeds 1/10-acre; or (2) there is a discharge of dredged or fill material in a special aquatic site, including wetlands. (See general condition 32.) (Authorities: Sections 10 and 404)

Note 1: For linear transportation projects crossing a single waterbody more than one time at separate and distant locations, or multiple waterbodies at separate and distant locations, each crossing is considered a single and complete project for purposes of NWP authorization. Linear transportation projects must comply with 33 CFR 330.6(d).

Note 2: Some discharges of dredged or fill material for the construction of farm roads or forest roads, or temporary roads for moving mining equipment, may qualify for an exemption under Section 404(f) of the Clean Water Act (see 33 CFR 323.4).

Note 3: For NWP 14 activities that require pre-construction notification, the PCN must include any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings that require Department of the Army authorization but do not require pre-construction notification (see paragraph (b)(4) of general condition 32). The district engineer will evaluate the PCN in accordance with Section D, "District Engineer's Decision." The district engineer may require mitigation to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see general condition 23).

B. CORPS NATIONAL GENERAL CONDITIONS FOR ALL 2021 NWPs - FINAL 41

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his or her authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. (a) No NWP activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(b) If a proposed NWP activity will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has

determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service). Information on these rivers is also available at: http://www.rivers.gov/.

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of "effects of the action" for the purposes of ESA section 7 consultation, as well as 50 CFR 402.17, which provides further explanation under ESA section 7 regarding "activities that are reasonably certain to occur" and "consequences caused by the proposed action."

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete pre-construction notification. For activities where the non-Federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have "no effect" on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference has been completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWPs.

(e) Authorization of an activity by an NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the FWS or the NMFS, the

Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal applicant should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their world wide web pages at http://www.fws.gov/ or http://www.fws.gov/ipac and http://www.nmfs.noaa.gov/pr/species/esa/ respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties might have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of, or potential for, the presence of historic properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of section 106 of the National Historic Preservation

Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on the historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-Federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects to historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, the district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA section 106 consultation is required. If NHPA section 106 consultation is required, the district engineer will notify the non-Federal applicant that he or she cannot begin the activity until section 106 consultation is completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by an NWP, they must immediately notify the district engineer of what they have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the

designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, since streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of minimization or compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in no more than minimal adverse environmental effects. For the NWPs, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) through (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan (see 33 CFR 332.4(c)(1)(ii)).

(g) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any NWP activity resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that an NWP activity already meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United

States that will convert a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse environmental effects of the activity to the no more than minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-Federal applicants to demonstrate that the structures comply with established state or federal, dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed discharge must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed discharge in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed discharge is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge, the permittee must submit a copy of the certification to the district engineer. The discharge is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied by the issuance of a water quality certification or a waiver.

(c) The district engineer or certifying authority may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. The district engineer or a state may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its CWA section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is authorized, subject to the following restrictions:
(a) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States cannot exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.
(b) If one or more of the NWPs used to authorize the single and complete project has specified acreage limits, the acreage loss of waters of the United States authorized by those NWPs cannot exceed their respective specified acreage limits. For example, if a commercial development is constructed under NWP 39, and the single and complete project includes the filling of an upland ditch authorized by NWP 46, the maximum acreage loss of waters of the United States for the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States due to the NWP 39 and 46 activities cannot exceed 1 acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

_____

(Transferee)

_____

(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The success of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

(a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;

(b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and

(c) The signature of the permittee certifying the completion of the activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. Pre-Construction Notification. (a) *Timing*. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30

day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either:

(1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species or critical habitat might be affected or are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity might have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)) has been completed. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification*: The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity's purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans);

(5) The PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial and intermittent streams, on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied, or explaining why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the PCN must identify the Wild and Scenic River or the "study river" (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification*: The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(d) *Agency Coordination*: (1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the activity's adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate Federal or state offices (FWS, state natural resource or water quality agency, EPA, and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse environmental effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(4) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

C. SEATTLE DISTRICT REGIONAL GENERAL CONDITIONS: The following conditions apply to the 2021 NWPs - Final 41 NWPs for the Seattle District in Washington State, as applicable.

RGC 1, Project Drawings
Drawings must be submitted with a pre-construction notification (PCN). Drawings must provide a clear understanding of the proposed project, and how waters of the United States will be affected. Drawings must be originals and not reduced copies of large-scale plans. Engineering drawings are not required. Existing and proposed site conditions (manmade and landscape features) must be drawn to scale.

RGC 2, Aquatic Resources Requiring Special Protection
A PCN is required for activities resulting in a loss of waters of the United States in wetlands in dunal systems along the Washington coast, mature forested wetlands, bogs and peatlands, aspen-dominated wetlands, alkali wetlands, vernal pools, camas prairie wetlands, estuarine wetlands, and wetlands in coastal lagoons.

RGC 3, New Bank Stabilization in Tidal Waters of Puget Sound
Activities involving new bank stabilization in tidal waters in Water Resource Inventory Areas (WRIAs) 8, 9, 10, 11, and 12 (within the areas identified on Figures 1a through 1e) cannot be authorized by NWP.

RGC 4, Commencement Bay

No permanent losses of wetlands or mudflats within the Commencement Bay Study Area may be authorized by any NWP (see Figure 2).

RGC 5, Bank Stabilization
All projects including new or maintenance bank stabilization activities in waters of the United States where salmonid species are present or could be present, requires PCN to the U.S. Army Corps of Engineers (Corps) (see NWP general condition 32).

For new bank stabilization projects only, the following must be submitted to the Corps:

a. The cause of the erosion and the distance of any existing structures from the area(s) being stabilized.

b. The type and length of existing bank stabilization within 300 feet of the proposed project.

c. A description of current conditions and expected post-project conditions in the waterbody.

d. A statement describing how the project incorporates elements avoiding and minimizing adverse environmental effects to the aquatic environment and nearshore riparian area, including vegetation impacts in the waterbody.

In addition to a. through d., the results from any relevant geotechnical investigations can be submitted with the PCN if it describes current or expected conditions in the waterbody.

RGC 6, Crossings of Waters of the United States
Any project including installing, replacing, or modifying crossings of waters of the United States, such as culverts or bridges, requires submittal of a PCN to the U.S. Army Corps of Engineers (see NWP general condition 32).

If a culvert is proposed to cross waters of the U.S. where salmonid species are present or could be present, the project must apply the stream simulation design method from the Washington Department of Fish and Wildlife located in the Water Crossing Design Guidelines (2013), or a design method which provides passage at all life stages at all flows where the salmonid species would naturally seek passage. If the stream simulation design method is not applied for a culvert where salmonid species are present or could be present, the applicant must provide a rationale in the PCN sufficient to establish one of the following:

a. The existence of extraordinary site conditions.

b. How the proposed design will provide equivalent or better fish passage and fisheries habitat benefits than the stream simulation design method.

Culverts installed under emergency authorization that do not meet the above design criteria will be required to meet the above design criteria to receive an after-the-fact nationwide permit verification.

RGC 7, Stream Loss
A PCN is required for all activities that result in the loss of any linear feet of streams.

RGC 8, Construction Boundaries
Permittees must clearly mark all construction area boundaries within waters of the United States before beginning work on projects that involve grading or placement of fill. Boundary markers and/or construction fencing must be maintained and clearly visible for the duration of construction. Permittees should avoid and minimize removal of native vegetation (including submerged aquatic vegetation) to the maximum extent possible.

RGC 9, ESA Reporting to NMFS

For any nationwide permit that may affect threatened or endangered species:

Incidents where any individuals of fish species, marine mammals and/or sea turtles listed by National Oceanic and Atmospheric Administration Fisheries, National Marine Fisheries Service (NMFS) under the Endangered Species Act appear to be injured or killed as a result of discharges of dredged or fill material into waters of the U.S. or structures or work in navigable waters of the U.S. authorized by this Nationwide Permit verification shall be reported to NMFS, Office of Protected Resources at (301) 713-1401 and the Regulatory Office of the Seattle District of the U.S. Army Corps of Engineers at (206) 764-3495. The finder should leave the animal alone, make note of any circumstances likely causing the death or injury, note the location and number of individuals involved and, if possible, take photographs. Adult animals should not be disturbed unless circumstances arise where they are obviously injured or killed by discharge exposure or some unnatural cause. The finder may be asked to carry out instructions provided by the NMFS to collect specimens or take other measures to ensure that evidence intrinsic to the specimen is preserved.

RGC 10, Limitations on New Bank Stabilization Within the Salish Sea
The length of new bank stabilization within waters of the U.S., including new bank stabilization associated with maintenance activities that would expand previously authorized armoring length, cannot exceed 50 linear feet within the Salish Sea under any NWP.

RGC 11, Effects to Forage Fish Spawning Beaches, Drift Cells, and Feeder Bluffs)
No NWP activity can:

a. cause more than minimal adverse effects to forage fish spawning beaches or drift cells; or

b. prevent the functioning of feeder bluffs, including more than minimal adverse effects to sediment recruitment, transport, or deposition.

This regional general condition applies to all NWP activities within the Salish Sea. Information regarding the location of forage fish spawning beaches is available on the Washington Department of Fish and Wildlife's (WDFW) Forage Fish Spawning Map at https://wdfw.maps.arcgis.com/home/webmap/viewer.html?webmap=19b8f74e2d41470cbd80b1af8dedd6b3. Information regarding the location and movement of drift cells, shoreline stability, and coastal landforms, to include feeder bluffs, is available at the Washington State Department of Ecology's Coastal Atlas Map website: https://apps.ecology.wa.gov/coastalatlasmap. These maps are resources that can be used to help identify the location of forage fish spawning beaches, drift cells, and feeder bluffs; they are not a substitute for site-specific data. Information about forage fish, their spawning habitats, and spawning behavior are available through the WDFW. Additional information about the importance of these species as prey species for Endangered Species Act listed salmonids can be found on the National Marine Fisheries Service website.

RGC 12, Bank Stabilization Design Considerations
Bank stabilization activities, including maintenance activities, shall utilize living shorelines, vegetative stabilization, bioengineering, including but not limited to large woody material with intact root wads, and other soft bank stabilization approaches to the maximum practicable extent before considering hard bank stabilization methods such as bulkheads and rock revetments.

RGC 13, PCNs for Activities in Areas Where There May Be Treaty-Reserved Tribal Rights
To ensure compliance with General Condition 17, Tribal Rights, a pre-construction notification (PCN) is required for all NWPs associated with structures or fills in areas where Tribes have retained via treaty the right to fish in their usual and accustomed grounds and stations.

RGC 14, Maintenance of Existing Bank Stabilization Structures and Fills
(Applicable to NWP 3, Maintenance Activities) Maintenance of existing bank stabilization structures that expand the existing structure's footprint or dimensions either waterward, vertically, or linearly along the shoreline within the geographic jurisdiction of the U.S. Army Corps of Engineers are not eligible for NWP 3.

D. SEATTLE DISTRICT REGIONAL SPECIFIC CONDITIONS FOR THIS NWP:

NWP 14 Specific Regional Conditions:
1. A pre-construction notification must be submitted to the district engineer (see NWP general condition 32) for linear transportation project crossings in tidal waters.

E. 401 WATER QUALITY CERTIFICATION: Depending on the geographic region of the work authorized by this verification, the appropriate 401 certifying authority has made the following determinations:

Washington Department of Ecology (Ecology) (Projects in all areas except as described for the other certifying agencies listed below): General and Specific WQC Conditions

A. State General Conditions for all Nationwide Permits

In addition to all of the U.S. Army Corps of Engineers' (Corps) national and Seattle District'sregional permit conditions, the following state general Water Quality Certification (WQC) conditions **apply to all NWPs whether granted or granted with conditions** in Washington where Ecology is the certifying authority.

Due to the lack of site specific information on the discharge types, quantities, and specific locations, as well as the condition of receiving waters and the quantity of waters (including wetlands) that may be lost, Ecology may need to review the project if one of the following stategeneral conditions is triggered.

This case-by-case review may be required, and additional information regarding the project and associated discharges may be needed, to verify that the proposed project would comply with state water quality requirements and if an individual WQC is required or if the project meets this programmatic WQC.

1. **In-water construction activities**. Ecology WQC review is required for projects or activities authorized under NWPs where the project proponent has indicated on the Joint Aquatic Resource Permit Application (JARPA) question 9e that the project or activity will not meet State water quality standards, or has provided information indicating that the project or activity will cause, or may be likely to cause or contributeto an exceedance of a State water quality standard (Chapter 173-201A WAC) or sediment management standard (Chapter 173-204 WAC).

Note: In-water activities include any activity within a jurisdictional wetland and/orwaters.

2. **Projects or Activities Discharging to Impaired Waters**. Ecology WQC review is required for projects or activities that will occur in a 303(d) listed segment of a waterbody or upstream of a listed segment and may result in further exceedances of the specific listedparameter to determine if the project meets this programmatic WQC or will require individual WQC.

To determine if your project or activity is in a 303(d) listed segment of a waterbody, visitEcology's Water Quality Assessment webpage for maps and search tools.

3. **Aquatic resources requiring special protection**. Certain aquatic resources are unique and difficult-to-replace components of the aquatic environment in Washington. Activities that would affect these resources must be avoided to the greatest extent practicable. Compensating for adverse impacts to high value aquatic resources is typically difficult, prohibitively expensive, and may not be possible in some landscapesettings.

Ecology WQC review is required for projects or activities in areas identified below to determine if the project meets this programmatic WQC or will require individual WQC.

a. Activities in or affecting the following aquatic resources:

i. Wetlands with special characteristics (as defined in the Washington State Wetland Rating Systems for western and eastern Washington, Ecology Publications #14-06-029 and #14-06-030):

- Estuarine wetlands.
- Wetlands of High Conservation Value.
- Bogs.
- Old-growth forested wetlands and mature forested wetlands.
- Wetlands in coastal lagoons.
- Wetlands in dunal systems along the Washington coast.
- Vernal pools.
- Alkali wetlands.

ii. Fens, aspen-dominated wetlands, camas prairie wetlands.

iii. Category I wetlands.

iv. Category II wetlands with a habitat score ≥ 8 points.

b. Activities in or resulting in a loss of eelgrass (Zostera marina) beds.

This state general condition does not apply to the following NWPs:
NWP 20 – Response Operations for Oil and Hazardous Substances
NWP 32 – Completed Enforcement Actions
NWP 48 – Commercial Shellfish Mariculture Activities

4. **Loss of More than 300 Linear Feet of Streambed.** For any project that results in the lossof more than 300 linear feet of streambed Ecology WQC review is required to determineif the project meets this programmatic WQC or will require individual WQC.

5. **Temporary Fills.** For any project or activity with temporary fill in wetlands or other waters for more than six months Ecology WQC review is required to determine if theproject meets this programmatic WQC or will require individual WQC.

6. **Mitigation.** Project proponents are required to show that they have followed the mitigation sequence and have first avoided and minimized impacts to aquatic resourceswherever practicable. For projects requiring Ecology WQC review or an individual WQC with unavoidable impacts to aquatics resources, a mitigation plan must be provided.

a. Wetland mitigation plans submitted for Ecology review and approval shall be based on the most current guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (available on Ecology's website) and shall, at aminimum, include the following:

i. A description of the measures taken to avoid and minimize impacts to wetlands and other waters of the U.S.

ii. The nature of the proposed impacts (i.e., acreage of wetlands and functions lost or degraded).

iii. The rationale for the mitigation site that was selected.

iv. The goals and objectives of the compensatory mitigation project.

v. How the mitigation project will be accomplished, including construction sequencing, best management practices to protect water quality, proposed performance standards for measuring success and the proposed buffer widths.

vi. How it will be maintained and monitored to assess progress toward goals and objectives. Monitoring will generally be required for a minimum of five years. For forested and scrub-shrub wetlands, 10 years of monitoring will often be necessary.

vii. How the compensatory mitigation site will be legally protected for the long term.

Refer to Wetland Mitigation in Washington State – Part 2: Developing Mitigation Plans (Ecology Publication #06-06-011b) and Selecting Wetland Mitigation Sites Using a Watershed Approach (Ecology Publications #09-06-032 (Western Washington) and #10-06-007 (Eastern Washington)) for guidance on selecting suitable mitigation sites and developing mitigation plans.

Ecology encourages the use of alternative mitigation approaches, includingcredit/debit methodology, advance mitigation, and other programmatic approaches such as mitigation banks and in-lieu fee programs. If you are interested in proposing use of an alternative mitigation approach, consult with the appropriate Ecology regional staff person. Information on alternative mitigation approaches is available on Ecology's website.

b. Mitigation for other aquatic resource impacts will be determined on a case-by-case basis.

7. **Stormwater Pollution Prevention**. All projects involving land disturbance or impervious surfaces must implement stormwater pollution prevention or control measures to avoiddischarge of pollutants in stormwater runoff to waters.

a. For land disturbances during construction, the applicant must obtain and implement permits (e.g., Construction Stormwater General Permit) where required and follow Ecology's current stormwater manual.

b. Following construction, prevention or treatment of on-going stormwater runofffrom impervious surfaces shall be provided.

Ecology's Stormwater Management and Design Manuals and stormwater permitinformation are available on Ecology's website.

8. **Application**. For projects or activities that will require Ecology WQC review, or anindividual WQC, project proponents must provide Ecology with a JARPA or the equivalent information, along with the documentation provided to the Corps, as described in national general condition 32, Pre-Construction Notification (PCN), including, where applicable:

a. A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project discharge(s) would cause, best management practices (BMPs), and proposed means to monitor the discharge(s).

b. List of all federal, state or local agency authorizations required to be used for anypart of the proposed project or any related activity.

c. Drawings indicating the OHWM, delineation of special aquatic sites, and other waters of

the state. Wetland delineations must be prepared in accordance with thecurrent method required by the Corps and shall include Ecology's Wetland Rating form. Wetland Rating forms are subject to review and verification by Ecology staff.

Guidance for determining the OHWM is available on Ecology's website.

d. A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted. See stategeneral condition 5.

e. Other applicable requirements of Corps NWP general condition 32, Corps regional conditions, or notification conditions of the applicable NWP.

Ecology **grants with conditions Water Quality Certification** (WQC) for this NWP provided that Ecology individual WQC review is not required per the state general conditions (see above) and the following conditions:

1. Ecology WQC review is required if the project or activity is in a known contaminatedor cleanup site to determine if an individual WQC is required or the project meets the programmatic WQC for this NWP.

2. Ecology individual WQC is required for projects or activities authorized under thisNWP if:
   a. The project or activity impacts more than 1/3 acre of waters; or

   b. This NWP is authorized in conjunction with any other NWP.

Environmental Protection Agency (EPA) (on Tribal Lands where Tribes Do Not Have Treatment in a Similar Manner as a State and Lands with Exclusive Federal Jurisdiction in Washington):

On behalf of the 28 tribes that do not have treatment in a similar manner as a state and for exclusive federal jurisdiction lands located within the state of Washington, EPA Region 10 has determined that CWA Section 401 WQC for the following proposed NWPs is granted with conditions. EPA Region 10 has determined that any discharge authorized under the following proposed NWPs will comply with water quality requirements, as defined at 40 C.F.R. § 121.1(n), subject to the following conditions pursuant to CWA Section 401(d).

General Conditions:

EPA General Condition 1 – Aquatic Resources of Special Concern
Activities resulting in a point source discharge in the following types of aquatic resources of special concern shall request an individual project-specific CWA Section 401 WQC: mature forested wetlands; bogs, fens and other peatlands; vernal pools; aspen-dominated wetlands; alkali wetlands; camas prairie wetlands; wetlands in dunal systems along the Oregon or Washington Coast; riffle-pool complexes of streams; marine or estuarine mud-flats; salt marshes; marine waters with native eelgrass or kelp beds; or marine nearshore forage fish habitat. To identify whether a project would occur in any of these aquatic resources of special concern, project proponents shall use existing and available information to identify the location and type of resources, including using the U.S. Fish and Wildlife Service's online digital National Wetland Inventory maps, identifying project location on topographical maps, and/or providing on-site determinations as required by the Corps. When a project requires a Pre-Construction Notification (PCN) to the Corps, project proponents shall work with the Corps to identify whether the project is in any of these specific aquatic resources of special concern.

EPA General Condition 2 – Soil Erosion and Sediment Controls

Turbidity shall not exceed background turbidity by more than 50 Nephelometric Turbidity Units (NTU) above background instantaneously or more than 25 NTU above background for more than ten consecutive days.[8] Projects or activities that are expected to exceed these levels require an individual project-specific CWA Section 401 WQC.

The turbidity standard shall be met at the following distances from the discharge:

Wetted Stream Width at Discharge Point	**Approximate Downstream Point to Sample to Determine Compliance**
Up to 30 feet	50 feet
>30 to 100 feet	100 feet
>100 feet to 200 feet	200 feet
>200 feet	300 feet
Lake, Pond, Reservoir	Lesser of 100 feet or maximum surface distance

For Marine Water	**Point of Compliance for Temporary Area of Mixing**
Estuaries or Marine Waters	Radius of 150 feet from the activity causing the turbidity exceedance

Measures to prevent and/or reduce turbidity shall be implemented and monitored prior to, during, and after construction. Turbidity monitoring shall be done at the point of compliance within 24 hours of a precipitation event of 0.25 inches or greater. During monitoring and maintenance, if turbidity limits are exceeded or if measures are identified as ineffective, then additional measures shall be taken to come into compliance and EPA shall be notified within 48 hours of the exceedance or measure failure.

EPA General Condition 3 - Compliance with Stormwater Pollution Prevention and the National Pollutant Discharge Elimination System Permit Provisions

For land disturbances during construction that 1) disturb one or more acres of land, or 2) will disturb less than one acre of land but are part of a common plan of development or sale that will ultimately disturb one or more acres of land, the permittee shall obtain and implement Construction Stormwater General Permit requirements,[9] including:

1. The permittee shall develop a Stormwater Pollution Prevention Plan (SWPPP)[10] and submit it to EPA Region 10 and appropriate Corps District; and
2. Following construction, prevention or treatment of ongoing stormwater runoff from impervious surfaces that includes soil infiltration shall be implemented.

EPA General Condition 4 – Projects or Activities Discharging to Impaired Waters

Projects or activities are not authorized under the NWPs if the project will involve point source discharges into an active channel (e.g., flowing or open waters) of a water of the U.S. listed as impaired under CWA Section 303(d) and/or if the waterbody has an approved Total Maximum Daily Load (TMDL) and the discharge may result in further exceedance of a specific parameter (e.g., total suspended solids, dissolved oxygen, temperature) for which the waterbody is listed or has an approved TMDL. The current lists of impaired waters of the U.S. under CWA Section 303(d) and waters of the U.S. for which a TMDL has been approved are available on EPA Region 10's web site at: https://www.epa.gov/tmdl/impaired-waters-and-tmdls-region-10.

EPA General Condition 5 – Notice to EPA

All project proponents shall provide notice to EPA Region 10 prior to commencing construction activities authorized by a NWP. This will provide EPA Region 10 with the opportunity to inspect the activity for the purposes of determining whether any discharge from the proposed project will violate this CWA Section 401 WQC. Where the Corps requires a PCN for an applicable NWP, the project proponent shall also provide the PCN to EPA Region 10. EPA Region 10 will provide written notification to the project proponent if the proposed project will violate the water quality certification of the NWP.

EPA General Condition 6 – Unsuitable Materials

The project proponent shall not use wood products treated with leachable chemical components (e.g., copper, arsenic, zinc, creosote, chromium, chloride, fluoride, pentachlorophenol), which result in a discharge to waters of the U.S., unless the wood products meet the following criteria:

1. Wood preservatives and their application shall be in compliance with EPA label requirements and criteria of approved EPA Registration Documents under the Federal Insecticide, Fungicide, and Rodenticide Act;
2. Use of chemically treated wood products shall follow the Western Wood Preservatives Institute (WWPI) guidelines and BMPs to minimize the preservative migrating from treated wood into the aquatic environment;
3. For new or replacement wood structures, the wood shall be sealed with non-toxic products such as water-based silica or soy-based water repellants or sealers to prevent or limit leaching. Acceptable alternatives to chemically treated wood include untreated wood, steel (painted, unpainted or coated with epoxy petroleum compound or plastic), concrete and plastic lumber; and
4. All removal of chemically treated wood products (including pilings) shall follow the most recent "EPA Region 10 Best Management Practices for Piling Removal and Placement in Washington State."

EPA NWP Specific Conditions:

NWP 14 is conditionally certified, subject to the general conditions listed above, <u>except</u> that an individual project-specific WQC is required for projects authorized under one or more NWP by the Corps that result(s) in:

1. Greater than 1/10 acre of impacts to waters of the U.S.; or
2. Greater than 300 linear feet of impacts to waters of the U.S.

Specific Tribes with Certifying Authority (Projects in Specific Tribal Areas):
WQC was issued by the Swinomish Indian Tribal Community. WQC was waived by the Confederated Tribes of the Chehalis Reservation and Colville Indian Reservation, Kalispel Tribe of Indians, Port Gamble S'Klallam Tribe, Quinault Indian Nation, and the Spokane Tribe of Indians. WQC was denied by the Lummi Nation, Makah Tribe, Puyallup Tribe of Indians, and the Tulalip Tribes; therefore, individual WQC is required from these tribes.

F. COASTAL ZONE MANAGEMENT ACT (CZMA) CONSISTENCY RESPONSE FOR THIS NWP:

Ecology's determination is that they concur with conditions that this NWP is consistent with CZMA.

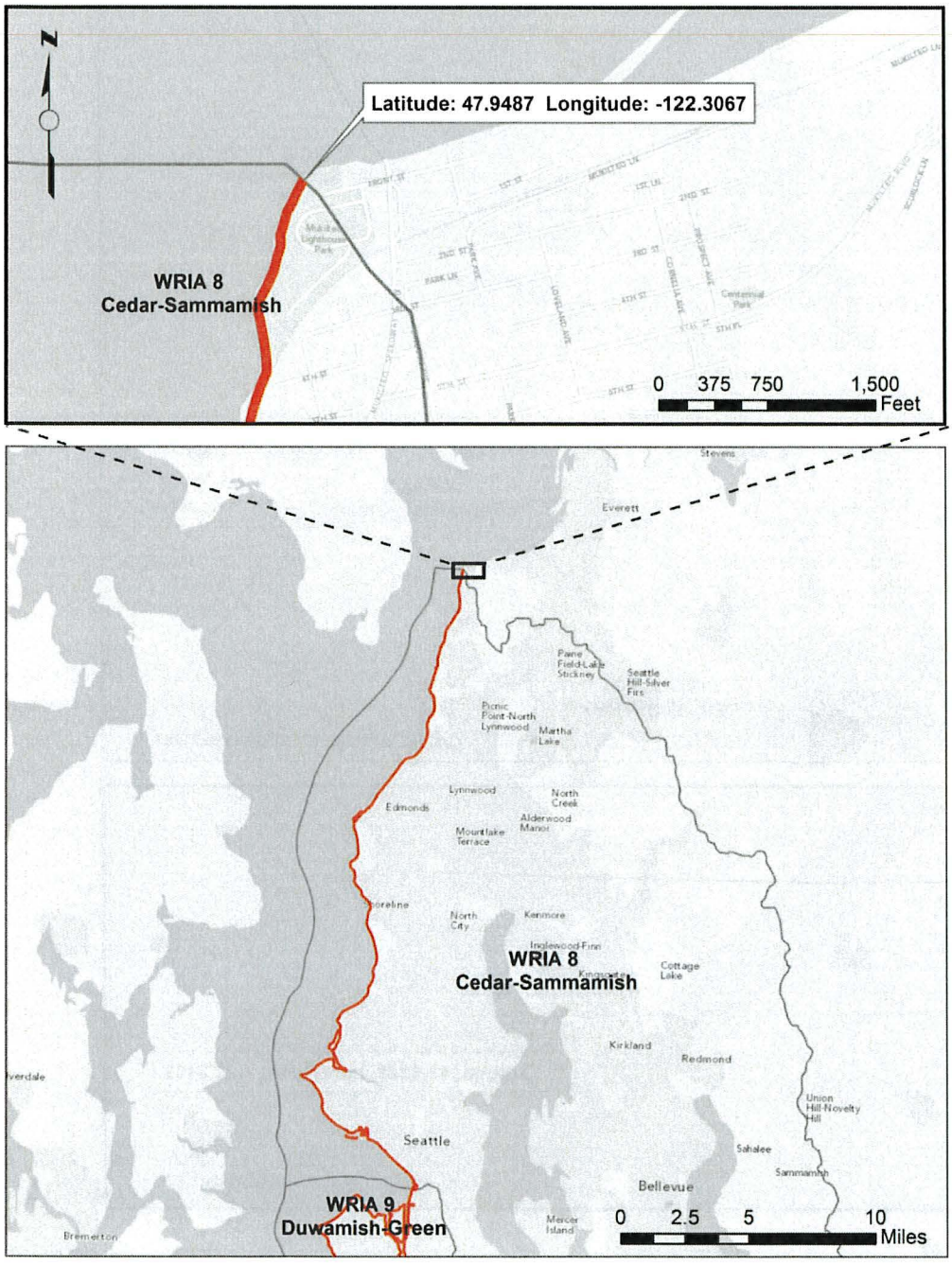
CZM Federal Consistency Response – Concur with Conditions.

1. A CZM Federal Consistency Decision is required for projects or activities under this NWP if a State 401 Water Quality Certification is required.

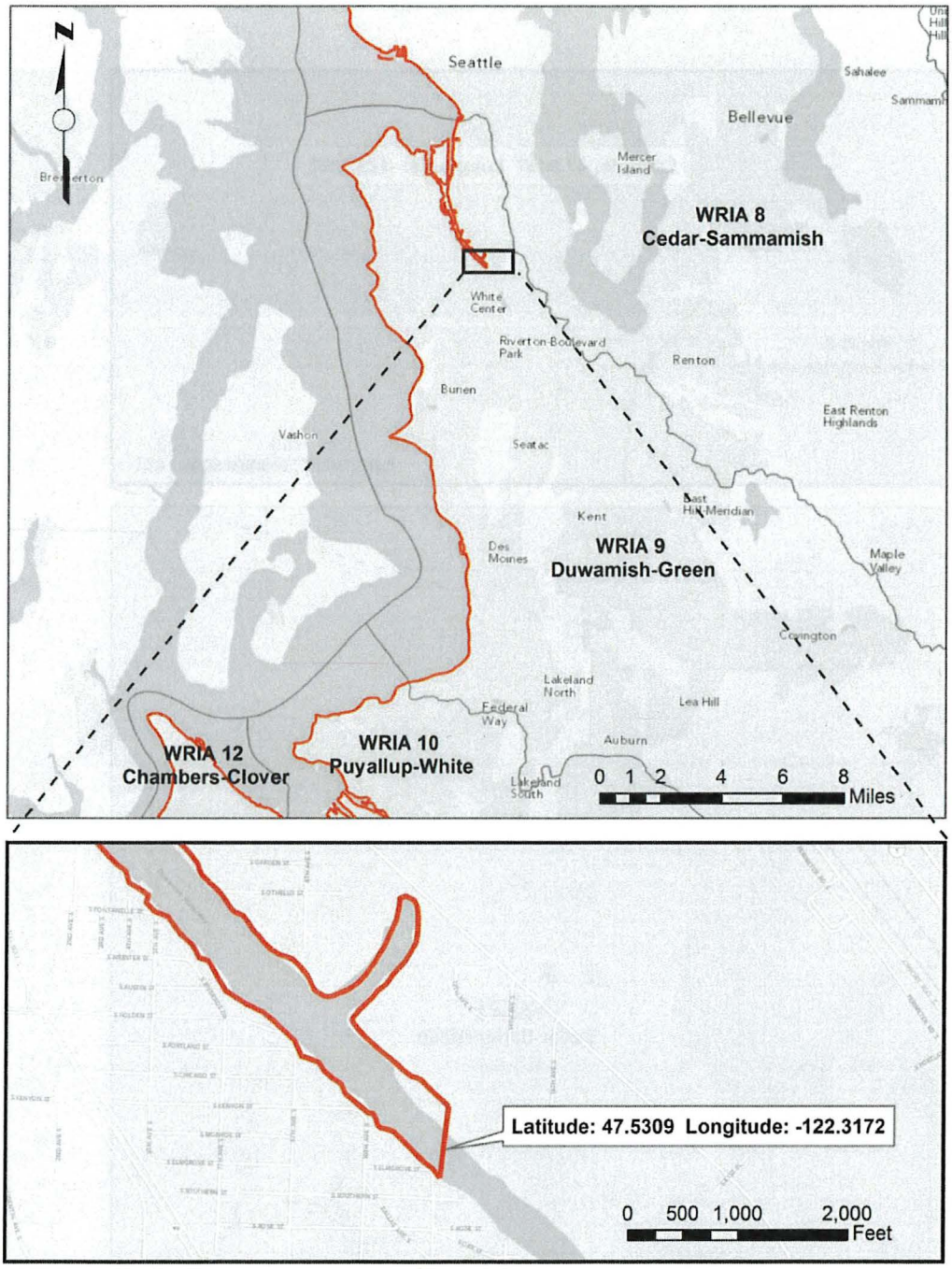
2. A CZM Federal Consistency Decision is required for projects or activities under this NWP if they are pre-empting local or state permit requirements necessary to demonstrate compliance with

the CZMP's enforceable policies.

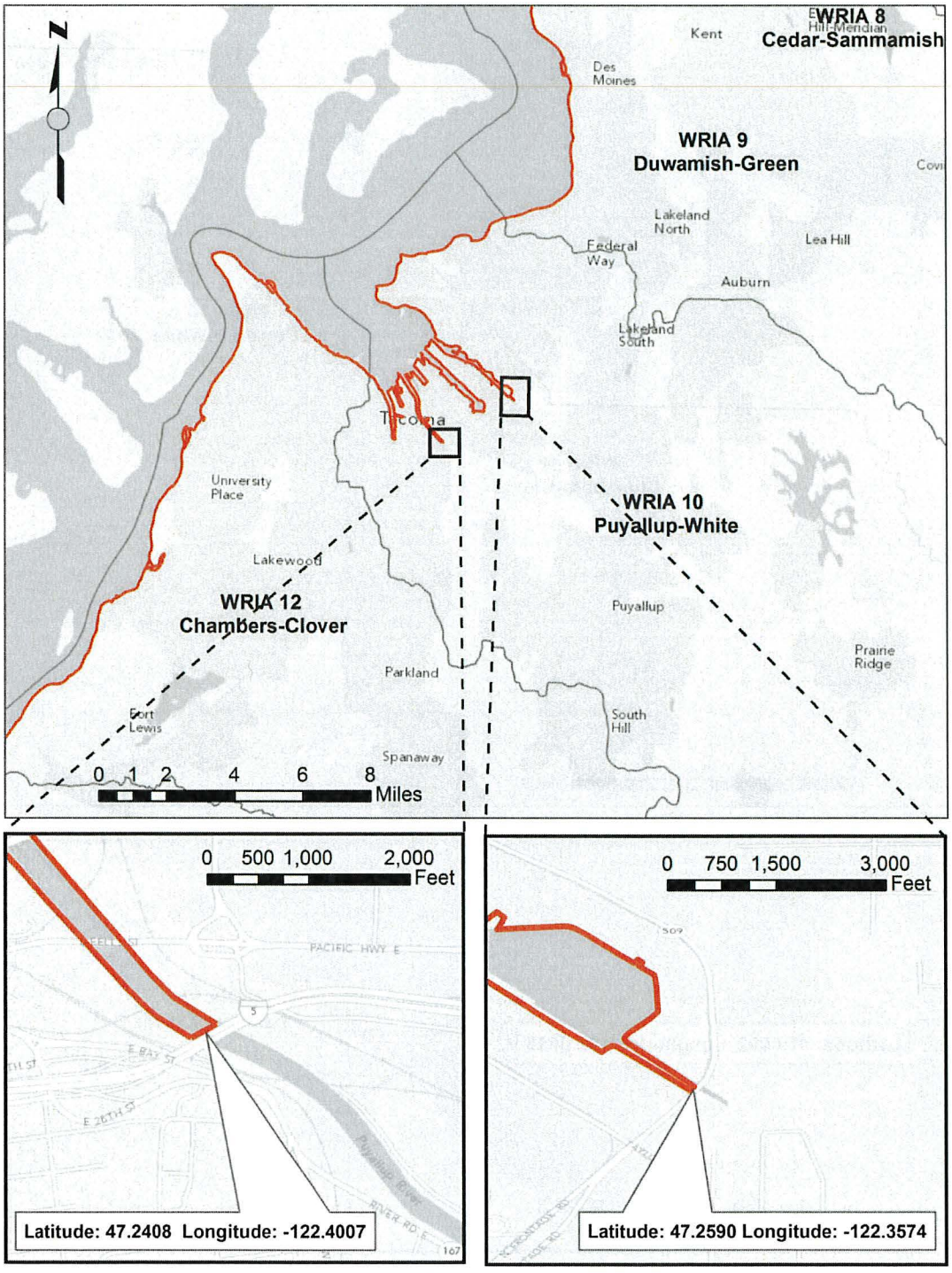
Seattle District Regional General Conditions - Figures
Figure 1: RGC 3 - WRIAs 8, 9, 10, 11, and 12
a. WRIA 8



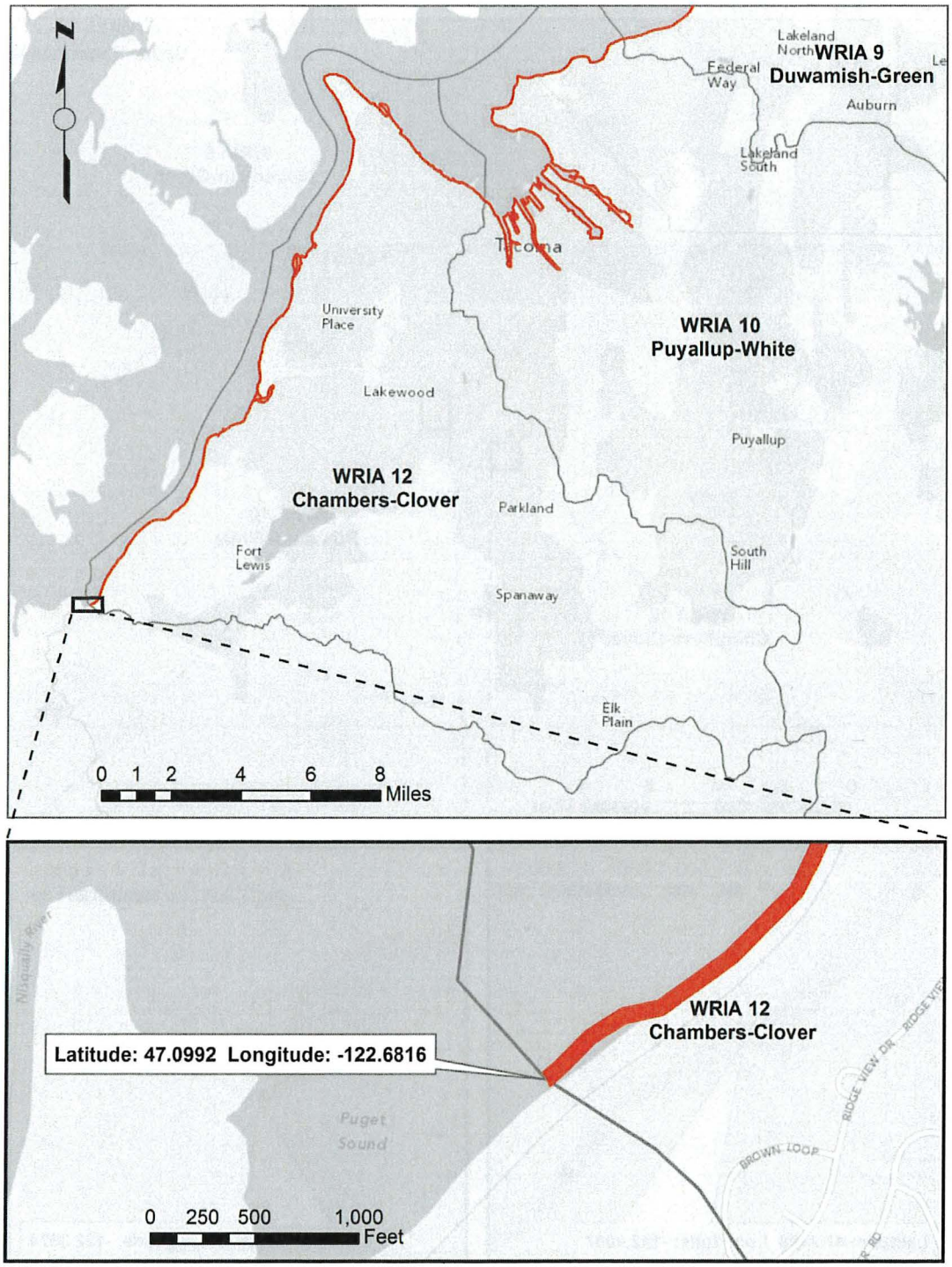
b. WRIA 9


N
Seattle
Bellevue
Sahalee
Mercer Island
Bremerton
WRIA 8
Cedar-Sammamish
White Center
Riverton-Boulevard Park
Renton
Burien
East Renton Highlands
Vashon
SeaTac
Kent
East Hill-Meridian
Des Moines
WRIA 9
Duwamish-Green
Maple Valley
Covington
Lakeland North
Lea Hill
Federal Way
Auburn
WRIA 12
Chambers-Clover
WRIA 10
Puyallup-White
Lakeland South
0 1 2 4 6 8 Miles
Latitude: 47.5309 Longitude: -122.3172
0 500 1,000 2,000 Feet

c. WRIA 10


N
WRIA 8
Cedar-Sammamish
Kent
Des Moines
WRIA 9
Duwamish-Green
Lakeland North
Lea Hill
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
WRIA 12
Chambers-Clover
Puyallup
Prairie Ridge
Parkland
Fort Lewis
South Hill
Spanaway
0 1 2 4 6 8 Miles
0 500 1,000 2,000 Feet
PACIFIC HWY E
E BAY ST
E 26TH ST
Latitude: 47.2408 Longitude: -122.4007
0 750 1,500 3,000 Feet
Latitude: 47.2590 Longitude: -122.3574

d. WRIA 12


N
Lakeland North
WRIA 9
Duwamish-Green
Federal Way
Auburn
Lakeland South
Tacoma
University Place
WRIA 10
Puyallup-White
Lakewood
Puyallup
WRIA 12
Chambers-Clover
Parkland
Fort Lewis
South Hill
Spanaway
Elk Plain
0 1 2 4 6 8
Miles
Nisqually River
WRIA 12
Chambers-Clover
Latitude: 47.0992 Longitude: -122.6816
Puget Sound
BROWN LOOP
RIDGE VIEW DR
0 250 500 1,000
Feet

e. WRIA 11

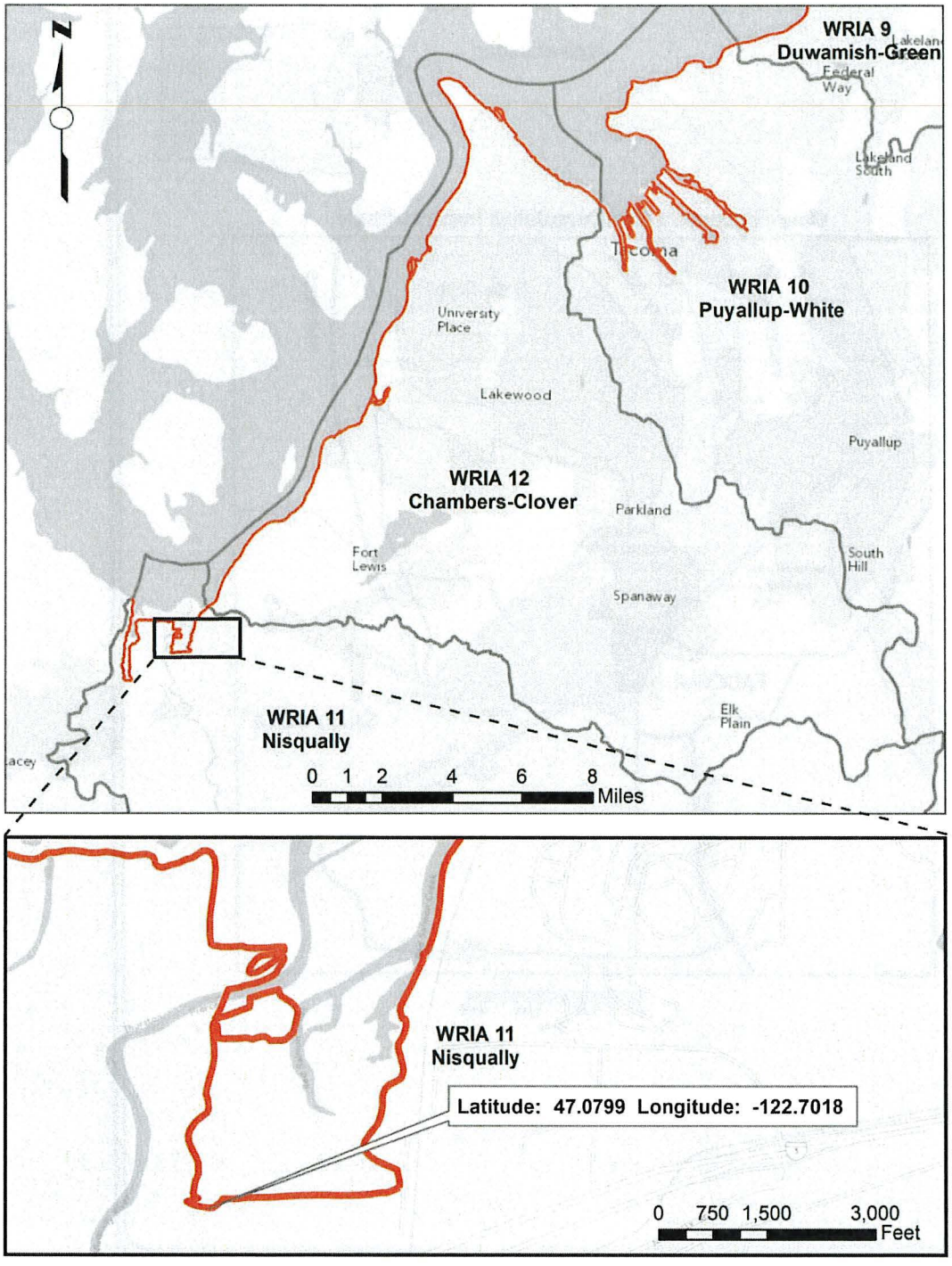
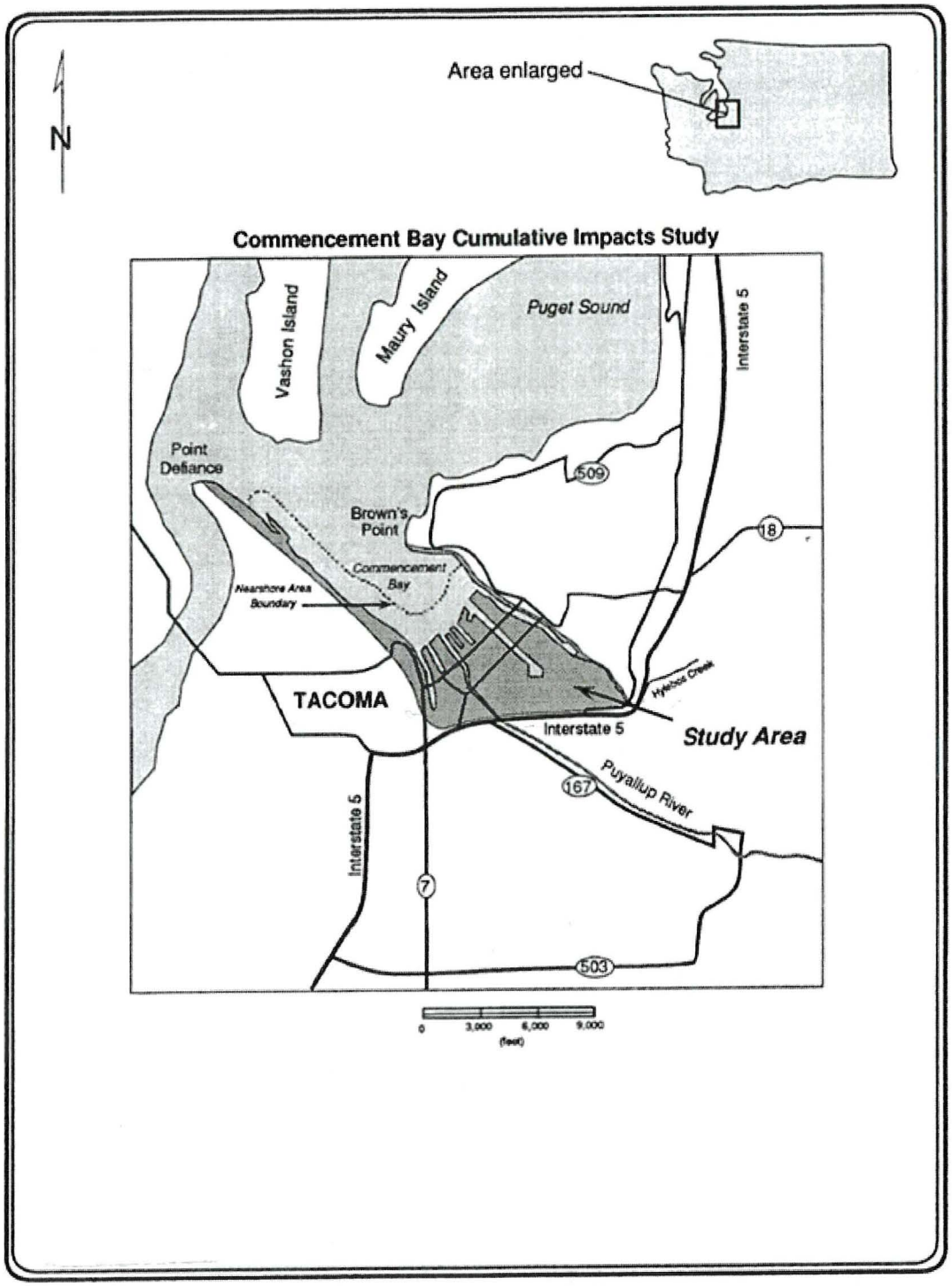

N
WRIA 9
Duwamish-Green
Federal Way
Lakeland South
Tacoma
WRIA 10
Puyallup-White
University Place
Lakewood
Puyallup
WRIA 12
Chambers-Clover
Parkland
Fort Lewis
South Hill
Spanaway
Elk Plain
WRIA 11
Nisqually
0 1 2 4 6 8
Miles
WRIA 11
Nisqually
Latitude: 47.0799 Longitude: -122.7018
0 750 1,500 3,000
Feet

Figure 2. RGC 4 - Commencement Bay Study Area



U.S. Army Corps of Engineers (USACE)

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

Form Approved -
OMB No. 0710-0003
Expires 2027-10-31

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.

Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Seattle District, Regulatory Office.

The certification can be submitted by email at NWS.Compliance @usace.army.mil or by mail at the below address:

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Seattle District, Regulatory Office.

U.S. Army Corps of Engineers
Seattle District Office
Street Address: 4735 East Marginal Way South, Building 1202
City: Seattle State: WA Zip Code: 98134-2388

COMPLETED BY THE CORPS

Corps Action Number: NWS-2025-839
Permit Type: General Permit
General Permit Number and Name (*if applicable*): Nationwide Permit 14
Name of Permittee: Lewis County Public Works
Project Name: Jones Rd MP 1.71 Special Maintenance
Project Location (*physical address*): No physical address
46.6954761, -122.8362989

PERMITTEE'S CERTIFICATION

Date Work Started: _____
Date Work Completed: _____

Enclose photographs showing the completed project (*if available*).

I Enter FName LName hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.

Name	Date	Signature

HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish and Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issue Date: 01/26/2026
Project End Date: 05/01/2028

Permit Type: HPA - Standard
Permit Number: 2026-5-16+01
Application ID: 0045991

PERMITTEE	AUTHORIZED AGENT
ATTENTION Lewis County Public Works Ann Weckback 57 W Main St Chehalis, WA 98532	

Project Name: Jones Rd MP 1.71 Special Maintenance Project No: 21F171900171

Project Description: Lewis County is proposing to repair a compromised portion, approximately 0.06 miles, of roadway at Jones Rd milepost (MP) 1.71 near Centralia, WA. The current culvert and roadway will be replaced with a 38-ft long (31-ft span) by 33-ft wide pre-stressed slab girder bridge with steel pipe abutments. Additional work proposed will be to regrade 94-ft of the channel while incorporating meander bars, low flow notches and large woody debris with boulder ballast features below the newly constructed bridge while plantings will occur in both riparian and upland buffers surrounding the project site.

PROVISIONS

AUTHORIZED WORK TIMES

1. The in-water work window for the project is August 1st to August 30th. The in-water work window for the project may start on July 15th and/or continue to September 15th provided that, during these times outside the regular in-water work window, visual observations are made twice daily to monitor for congregations for juvenile and adult anadromous fish in the area immediately upstream and downstream of the isolated work area. In the event that groups of juveniles salmonids are waiting near the upstream end of the isolated work area during these time the County Environmental Planner must be contacted to notify the WDFW Habitat Biologist that fish will be moved downstream of the work area. Work above the ordinary high water line may occur at any time.

NOTIFICATION REQUIREMENTS

2. You or your agent must contact the Washington Department of Fish and Wildlife by e-mail at HPAapplications@dfw.wa.gov; mail to Post Office Box 43234, Olympia, Washington 98504-3234; or fax to (360) 902-2946 at least three business days before starting work and again within seven days after completing the work. The notification must include the permittee's name, project location, starting date for work or date the work was completed, and the permit number. The Washington Department of Fish and Wildlife may conduct inspections during and after construction; however, the Washington Department of Fish and Wildlife will notify you or your agent before conducting the inspection.
3. FISH KILL/WATER QUALITY PROBLEM NOTIFICATION: If a fish kill occurs or fish are observed in distress at the job site, immediately stop all activities causing harm. Immediately notify the Washington Department of Fish and Wildlife of the problem. If the likely cause of the fish kill or fish distress is related to water quality, also notify the Washington Military Department Emergency Management Division at 1-800-258-5990. Activities related to the fish kill or fish distress must not resume until the Washington Department of Fish and Wildlife gives approval. The Washington Department of Fish and Wildlife may require additional measures to mitigate impacts.

PROJECT APPROVALS

4. Work must be accomplished per the plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, entitled ProjectPlanDrawings_20251014-Jones PmtDrawings.pdf, dated 6/23/2025, except as modified by this Hydraulic Project Approval. You must have a copy of these plans available on site during all phases of the project construction.

PROJECT DESIGN

5. Design and construct the bridge to pass water, ice, large wood, and associated woody material and sediment likely to move under the bridge during the 100-year flood flows.
6. Approach material must be structurally stable and composed of material that if eroded into the water will not harm fish life.
7. Size streambed material to mimic the stream's natural gradation as found in nearby reference channel reaches. The material must be well-graded (includes all size classes), non-porous, with 5-10% fines with sieve size U.S. No. 200 to prevent subsurface flow. Create a low-flow channel and a high-flow bench on both sides of the channel. Angular rock is not permitted within the channel.
8. The streambed must include a sinuous low-flow channel expected under common conditions in the reach and a high-flow bench on both sides of the channel under the bridge.
9. Place large wood or other materials consistent with natural STREAM processes waterward of the ordinary high water line as shown in the approved plans.

INVASIVE SPECIES CONTROL

10. Follow Method 1 for low-risk locations (i.e., clean/drain/rinse/dry). Thoroughly remove visible dirt and debris from all equipment and gear—including vessels, boots, waders, drive mechanisms, wheels, tires, tracks, buckets, and undercarriage—before arriving at and leaving the job site to prevent the transport and introduction of aquatic invasive species. For contaminated or high-risk sites, refer to the Method 2 Decontamination protocol. Clean, rinse, and dry all decontamination equipment used and properly dispose of any water and chemicals used for cleaning. For additional decontamination details, including specific protocols for freshwater, marine, and estuarine environments, refer to the Washington Department of Fish and Wildlife Invasive Species Management Protocols, available online at https://wdfw.wa.gov/species-habitats/invasive/prevention/clean-drain-dry#decontamination

STAGING, JOB SITE ACCESS, AND EQUIPMENT

11. Establish staging areas (used for activities such as equipment storage, vehicle storage, fueling, servicing, and hazardous material storage) in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.
12. Clearly mark boundaries to establish the limit of work associated with site access and construction.
13. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.
14. Equipment used in or near water must use environmentally acceptable lubricants composed of biodegradable base oils. These are vegetable oils, synthetic esters, and polyalkylene glycols.
15. Equipment used for this project may operate waterward of the ordinary high water line, provided the drive mechanisms (wheels, tracks, tires, etc.) do not enter or operate waterward of the ordinary high water line.

HABITAT FEATURES

16. Limit the removal of native bankline vegetation to the minimum amount needed to construct the project.
17. Retain all natural habitat features on the bed or banks including large woody material and boulders. You may move these natural habitat features during construction but you must place them near the pre-project location before leaving the job site.

IN-WATER WORK AREA ISOLATION

18. Install a cofferdam or similar device at the upstream and downstream end of the bypass to prevent backwater from entering the work area.
19. If the bypass is a pumped diversion, once started it must run continuously until it is no longer necessary to bypass flows. This requires back-up pumps on-site and twenty-four-hour monitoring for overnight operation.

20. Isolate pump hose intakes with block nets so that fish cannot get near the intake.
21. If the diversion inlet is a pump diversion in a fish-bearing stream, the pump intake structure must have a fish screen installed, operated, and maintained in accordance with RCW 77.57.010 and 77.57.070. Screen the pump intake with one of the following:

    a. Perforated plate: 0.094 inch (maximum opening diameter);
    b. Profile bar: 0.069 inch (maximum width opening); or
    c. Woven wire: 0.087 inch (maximum opening in the narrow direction).

    The minimum open area for all types of fish screens is twenty-seven percent. The screened intake facility must have enough surface area to ensure that the velocity through the screen is less than 0.4 feet per second. Maintain fish screens to prevent injury or entrapment of fish.
22. The fish screen must remain in place whenever water is withdrawn from the stream through the pump intake.
23. Return diverted water to the channel immediately downstream of the work area. Dissipate flow energy from the diversion to prevent scour or erosion of the channel and bank.

FISH LIFE REMOVAL

24. All persons participating in capture and removal must have training, knowledge, and skills in the safe handling of fish life.
25. Place block nets upstream and downstream of the in-water work area before capturing and removing fish life.
26. Capture and safely move fish life from the work area to the nearest suitable free-flowing water.

PROJECT IMPLEMENTATION

27. Work in the dry watercourse (when no natural flow is occurring in the channel, or when flow is diverted around the job site).

SEDIMENT, EROSION, AND POLLUTION CONTAINMENT

28. Do not stockpile CONSTRUCTION material waterward of the ordinary high water line.
29. Deposit waste material from the project, such as construction debris, silt, excess dirt, or overburden, in an upland area above THE LIMITS OF ANTICIPATED FLOODWATER unless the material is approved by the Washington Department of Fish and Wildlife for reuse in the project.
30. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.
31. Straw used for erosion and sediment control, must be certified free of noxious weeds and their seeds.
32. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials, from entering or leaching into waters of the state.
33. Route the construction water (wastewater) from the project to an upland area above the limits of anticipated floodwater. Remove fine sediment and other contaminants before discharging the construction water to waters of the state.
34. Protect structural fill associated with the culvert removal and bridge installation from erosion to the 100-year peak flow.
35. If flow conditions arise that will result in erosion or siltation of waters of the state, stop all hydraulic project activities except those needed to control erosion and siltation.
36. Store all construction and deconstruction material in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh cement, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.
37. All erosion control materials that will remain onsite must be composed of 100% biodegradable materials.
38. Return water flow slowly to the in-water work area to prevent the downstream release of sediment laden water. If necessary, install silt fencing above the bypass outlet to capture sediment during re-watering of the channel.
39. To minimize sediment delivery to the stream or stream channel, do not return in-stream flows to the work area until all in-channel work is completed and the bed and banks are stabilized.

40. Install and maintain curbs or wheel guards to prevent aggregate or earth-type paving material from entering the stream.

DEMOBILIZATION AND CLEANUP

41. Prevent the existing structure and associated construction materials from entering the stream when removing them.
42. Completely remove any temporary fill before the end of the in-water timing window if the fill material could erode and deliver sediment-laden water into waters of the state.
43. To prevent fish from stranding, backfill trenches, depressions, and holes in the bed that may entrain fish during high water or wave action.
44. Upon completion of the project, remove all materials or equipment from the site and dispose of all excess spoils and waste materials in an upland area above the limits of anticipated floodwater.

PLANTING

45. Complete replanting of riparian vegetation during the first dormant season (late fall through late winter) after project completion per the approved plan. Maintain plantings for at least three years to ensure at least eighty percent of the plantings survive. Failure to achieve the eighty percent survival in year three will require you to submit a plan with follow-up measures to achieve requirements or reasons to modify requirements.
46. Seed areas disturbed by construction activities with a native seed mix suitable for the site that has at least one quick-establishing plant species.

MAINTENANCE AND OPERATION

47. The owner(s) must maintain the bridge to ensure it provides continued, unimpeded fish passage. If the bridge becomes a hindrance to fish passage, the owner must obtain an HPA and provide prompt repair.

PROJECT LOCATION(S)

Location		
Jones Rd MP 1.71		
Latitude	**Longitude**	**County**
46.695476100000000	-122.836298900000000	Lewis
WRIA	**Waterbody**	**Tributary to**
WRIA	Other	Other

APPLIES TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval (HPA) pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this HPA is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state, and/or federal) that may be necessary for this project.

This Hydraulic Project Approval (HPA) shall be available on the job site at all times and all its provisions followed by the person(s) to whom this HPA is issued and operator(s) performing the work.

HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish and Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issue Date: 01/26/2026
Project End Date: 05/01/2028

Permit Type: HPA - Standard
Permit Number: 2026-5-16+01
Application ID: 0045991

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval (HPA) is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this HPA.

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil action against you, including, but not limited to, a stop work order or notice to comply, and/or a gross misdemeanor criminal charge, possibly punishable by a fine and/or imprisonment.

All Hydraulic Project Approvals (HPA) issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Washington Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this HPA is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.

MINOR MODIFICATIONS TO THIS HYDRAULIC PROJECT APPROVAL (HPA): You may request approval of minor modifications to the required work timing or the plans and specifications approved in this HPA unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require the issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics, or construction of your project that do not alter the project's impact to fish life or habitat and do not require a change in the provisions of the HPA to mitigate the impacts of the modification. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at https://hpa.wdfw.wa.gov/s. If you did not use APPS you must submit a written request for a minor modification to an existing HPA. Written requests must include the name of the permittee, the name of the authorized agent if applicable, the APP ID or HPA number, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by email to HPAapplications@dfw.wa.gov, or by mail to Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You should allow up to 45 days for the Department to process your request.

MAJOR MODIFICATIONS TO THIS HYDRUALIC PROJECT APPROVAL (HPA): You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require the issuance of a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at https://hpa.wdfw.wa.gov/s. If you did not use APPS you must submit a written request for a major modification to an existing HPA. Written requests must include the name of the permittee, the name of the authorized agent if applicable, the APP ID or HPA number, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by email to HPAapplications@dfw.wa.gov or by mail to Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You should allow up to 45 days for the Department to process your request.

APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), the Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the WDFW employee

who issued, denied, or conditioned the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by WDFW management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process.

A. INFORMAL APPEALS: WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule:

   A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the WDFW Habitat Program, Natural Resources Building, 1111 Washington St SE, Olympia, Washington 98501. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee may conduct an informal hearing or review and recommend a decision to the Habitat Program Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-660-470 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule:

   A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Habitat Program, Natural Resources Building, 1111 Washington St SE, Olympia, Washington 98501. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Habitat Program Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

Daron Williams
Regional Habitat Biologist
(253) 303-3504
daron.williams@dfw.wa.gov

Daron Williams

For Director
DFW

LEWIS COUNTY – STATE ENVIRONMENTAL POLICY ACT
THRESHOLD DETERMINATION
DETERMINATION OF NONSIGNIFICANCE (DNS)

LEAD AGENCY: Lewis County – Community Development Department

PROPONENT: Lewis County Public Works

FILE NUMBERS: SEP25-0028

DESCRIPTION OF PROPOSAL: Repair and maintenance of approximately 0.06 miles of Jones Rd. near milepost 1.71 damaged during heavy rainfall in January 2021. Proposed work includes removal of the existing roadway and culvert to be replaced by a 38-ft long by 33-ft wide pre-stressed slab girder bridge with steel pile abutments.

LOCATION OF PROPOSAL: The project is located at milepost 1.71 Jones Rd, Centralia Lewis County, WA – Section 17, Township 14 N, Range 01 W, WM adjacent to parcels 020609001000 & 020598004001.

THRESHOLD DETERMINATION:
The lead agency for this proposal has determined that it does not have a probable, significant adverse impact on the environment. An environmental impact statement (EIS) is NOT required under RCW 43.21C.030(2)(c). This decision was made after review by Lewis County of a completed environmental checklist and other information on file with this agency and such information is adopted herein by reference. This information is available electronically here https://lewiscountywa.gov/departments/community-development/current-planning-applications/

This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the issue date below. The comment period begins on the date of issuance and written comments must be submitted by **4pm on November 25, 2025**.

Responsible Official: **Mindy Brooks, Director**
Lewis County Community Development
125 NW Chehalis Ave
Chehalis, Washington 98532

Contact Person: **Preston Pinkston, Planner**



for Responsible Official

Date of Issue: **November 11, 2025**

*This SEPA determination may be appealed in writing to the Lewis County Hearings Examiner until 4 pm on **December 2, 2025** at the Lewis County Community Development Permit Center. Appellants should be prepared to make **specific factual objections**. The appeal procedure is established in Lewis County Code (LCC) Section 17.110.130 and LCC Section 2.25.130. The administrative appeal fee is established by Resolution of the Board of County Commissioners. The current adopted fee schedule is available online at https://lewiscountywa.gov/departments/community-development/permit-applications-and-handouts/.*

125 NW Chehalis Ave
Chehalis, WA 98532
(360) 740-1133

FD25-00067

Site Address: Jones Rd MP 1.71 Culvert Replacement,
Parcel: NO PARCEL

Issued: 02/20/2026
Expires: 08/19/2026

Project Description: Jones Rd MP 1.71 Culvert Replacement

Base Flood Elevation:

Lowest Possible Building Elev:

APPLICANT: LC PUBLIC WORKS
57 W MAIN ST
CHEHALIS, WA 98532

OWNER: LC PUBLIC WORKS
57 W MAIN ST
CHEHALIS, WA 98532

SURVEYOR:

License:

Expires:

Lewis County Community Development
125 NW Chehalis Ave
Chehalis, WA 98532
(360) 740-1133

G25-00030 **Grading**

Site Address: Jones Rd MP 1.71 Culvert Replacement, Issued: 02/20/2026

Parcel: NO PARCEL Expires: 02/10/2027

Authorization to perform the following work and/or development, consistent with the approved plans and documents submitted in the application

Authorized Signature: Bradley Clark **Date:** 08/18/2026

Project Description: Jones Rd MP 1.71 Culvert Replacement

Cubic Yards Fill: 1780 Cubic Yards Grade: 1610 Total Cubic Yards: 3390

APPLICANT: LC PUBLIC WORKS
57 W MAIN ST
CHEHALIS, WA 98532

OWNER: LC PUBLIC WORKS
57 W MAIN ST
CHEHALIS, WA 98532

CONTRACTOR:

License:

Expires:

Requirements for Final Inspection

Below documents / items must be submitted to the permit center prior to final inspection.

- Fill material is required to be clean earth material (rock, natural soil or a combination of both).

This permit is issued on the express condition that the above-described work shall conform in all respects to all statements and documents submitted in the application herefore, and shall conform to any specific requirements of any other associated permit issued by the County. It shall be the responsibility of the permit holder to verify if any other local, state and/or federal permit or approval is...

It is the responsibility of the permit holder (applicant) to cause the required inspections to be made. The County or any official or employee thereof shall not be liable for any direct or consequential damages whatsoever resulting from a failure of the permit holder (applicant) to secure the required inspections and comply with any correction notice issued. Any deviation from the work described in this permit, the application therefor or any supporting document shall be cause for the County to require a subsequent review and...

By applying for this development permit, the applicant has agreed to comply with all applicable regulations of the County and all conditions of approval of this permit. Construction shall not start on any deferred submittals until such plans have been reviewed and approved by the County.

Standard Conditions of Permit

- This permit expires 180 days from the date of issue if no substantial progress is made.

• All work shall conform to the requirements of the 2021 International Building and/or Residential Codes and other applicable laws and ordinances.

• Washington State Energy Code Compliance is required and WSEC Energy Compliance Certificate to be posted.

• All development must comply with the conditions set forth in the approved Lewis County Master Site Plan Review.

• It is the responsibility of the property owner and/or their contractor to ensure this structure meets the minimum setbacks (as set by Lewis County code) from all rights of way, easements and property lines. Failure to do so will invalidate this permit and may result in the requirement to remove this structure.

• Post inspection record and plans on the jobsite for inspections.

• All fees and fines must be paid prior to final inspection.

Notices

Americans with Disibility Act: This project may be subject to the architectural standards of the Americans with Disabilities Act (ADA) of 1990. Issuance of a County development permit does not certify or assure compliance with the Federal Statute. Copies of the guidelines and information concerning the ADA may be obtained thru the Architectural and Transportation Barriers Compliance Board (1-202-653-7834 [voice or TDD] or 1/800-872-2253). Failure to comply with the Federal Statute (ADA) may result in Federal fines and penalties.

Electrical Work: A separate permit is required for electrical work. Contact Washington State Department of Labor and Industries (L & I) Electrical Inspector at (360) 902-6350 (Tumwater) or 360-575-6900 (Longview). L & I final approval must be completed prior to occupancy or final inspection.

Inspections: If the permit holder fails to notify the Building Official that construction has commenced to a point that inspection is appropriate and work is covered before inspection, the Building Official is empowered to require uncovering such work to permit proper inspection. A minimum twenty-four (24) hour notice must be given to assure prompt inspection service.

Occupancy: Occupancy of any residence or structure prior to written authorization by the Lewis County Building Department is prohibited. Unauthorized occupancy will result in fines and/or penalties being assessed. Receipt of payment for any fines or penalties must be paid prior to any further inspections being scheduled.

Permit Change Request: Any change to the building permit or the construction plans associated with this permit after the permit has been issued will be assessed a $50.00 change fee. This fee will be in addition to any fees calculated for the change.

Permit Expiration & Refunds: This permit becomes null and void if work or construction is not commenced within 180 days or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. A refund may be authorized in certain instances. Please refer to the currently adopted Schedule of Fees for the payment refund policy.

Sales Tax - Notice to Contractors: For all projects in unincorporated Lewis County, please report sales tax to CODE 2100. Projects in the City limits should be reported to the designated City codes. If you have questions call the Lewis County Treasurer's Office at 360-740-1116 or toll free (within Lewis County) at 1-800-562-6130 ext. 1116.

Solid Waste Disposal: Lewis County Code (LCC) prohibits any person from disposing of solid waste generated or collected within Lewis County in a manner inconsistent with the process described throughout LCC 8.15. This county code requires that all solid waste collected or generated within Lewis County, unless source separated recycling, must be disposed of at a Lewis County owned, operated and permitted facility. The staff of the Solid Waste Division is available to assist and advise on proper disposal methods by calling 360 740 1451 or 1 800 749 5980.

Special Tax Programs: If your parcel is in a special tax program such as Open Space Farm and Agriculture Land, Open Space Timber, or Designated Forest Land, you must personally advise the Assessor's Office of any change in use of the land. Consideration of special tax programs is NOT part of the permitting process and may involve considerable additional expense. You may reach the Assessor's Office at (360) 740-1392.

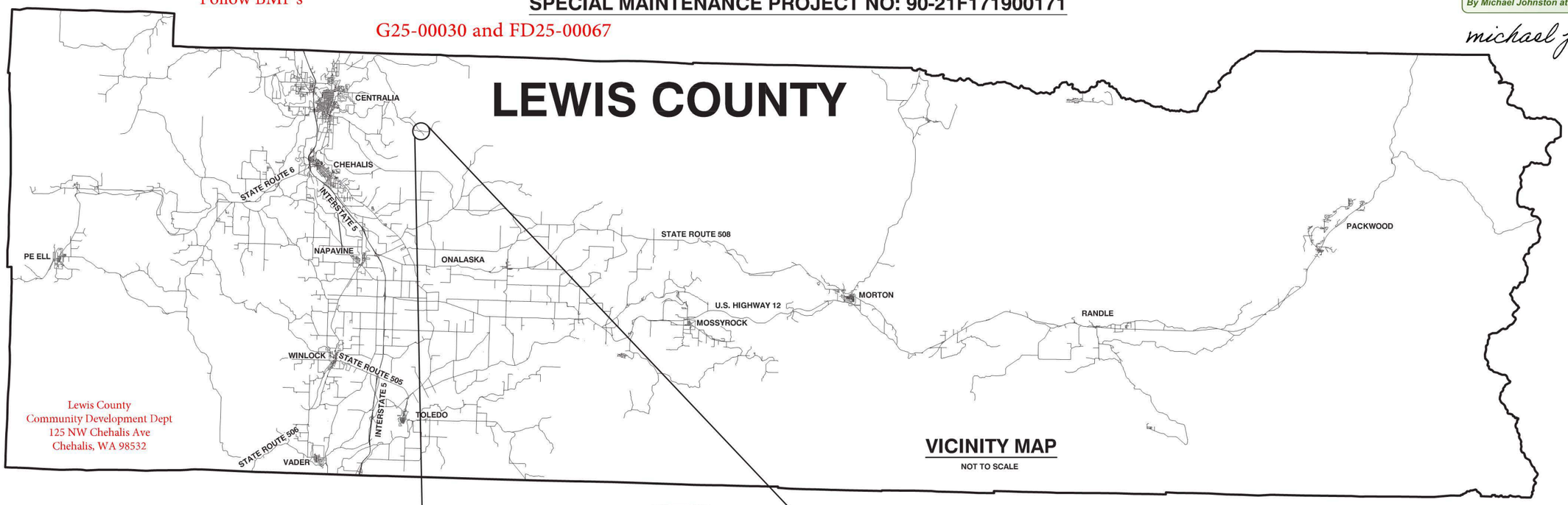
JONES ROAD MP 1.71 CULVERT REPLACEMENT

Follow BMP's

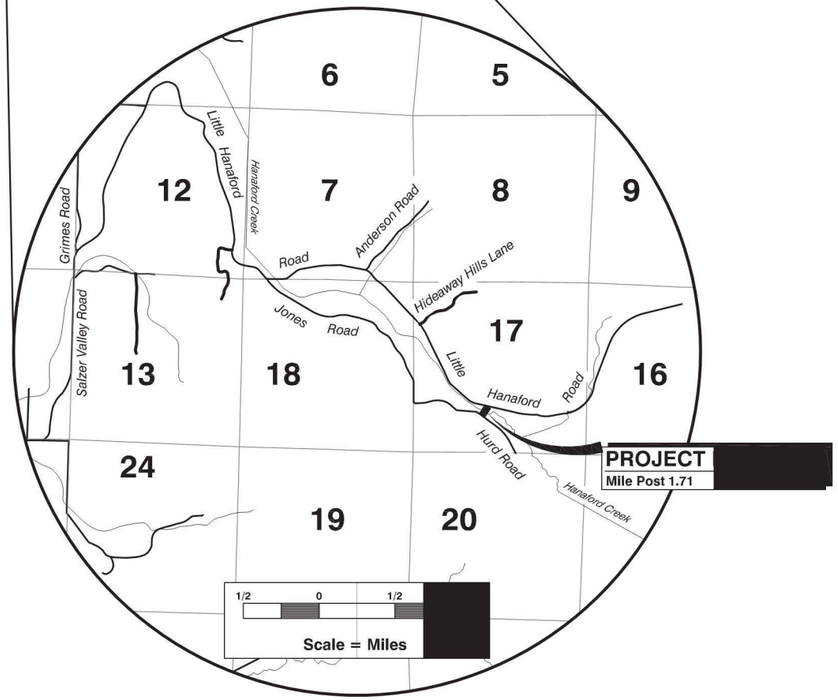
G25-00030 and FD25-00067

SPECIAL MAINTENANCE PROJECT NO: 90-21F171900171

APPROVED
By Michael Johnston at 1:24 pm, Feb 19, 2026
michael johnston



VICINITY MAP
NOT TO SCALE



LEWIS COUNTY
DEPARTMENT OF PUBLIC WORKS
APPROVED FOR CONSTRUCTION:

County Engineer _____ Date _____

COMMISSIONERS:

SEAN D. SWOPE, DISTRICT 1
LINDSEY R. POLLOCK, DVM, DISTRICT 2
SCOTT J. BRUMMER, DISTRICT 3

Lewis County
Department of Public Works

ENGINEERING-DESIGN SECTION

NOTICE:
IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THEIR CONTRACTOR TO ENSURE THIS STRUCTURE MEETS THE MINIMUM SETBACKS (AS SET BY LEWIS COUNTY CODE) FROM ALL RIGHT OF WAYS, EASEMENTS AND PROPERTY LINES. FAILURE TO DO SO WILL INVALIDATE THIS PERMIT AND MAY RESULT IN THE REQUIREMENT TO REMOVE THIS STRUCTURE.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	VICINITY MAP AND SHEET INDEX
2	LEGEND
3	SUMMARY OF QUANTITIES
4	ROADWAY TYPICAL SECTION
5	SITE PREPARATION/UTILITY/TESC PLAN
6	ROADWAY PLAN AND PROFILE
7-8	SF HANAFORD CREEK TYPICAL SECTION
9	SF HANAFORD CREEK PLAN AND PROFILE
10-11	SF HANAFORD CREEK DETAILS
12	EXCAVATION PLAN AND PROFILE
13	GUARDRAIL PLAN
14	PAVING/PAVING MARKING/SIGNAGE
15	DEWATERING PLAN
16	TESC PLAN/PLANTING PLAN
17-18	CONSTRUCTION SIGNS CLASS A
19	BRIDGE INDEX
B01-B22	STRUCTURAL/BRIDGE PLANS
R1	RIGHT OF WAY MAP

90% NOT FOR CONSTRUCTION

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LEGEND

EXISTING FEATURES

- UTILITY POLE
- GUY WIRE
- SIGN
- TELEPHONE RISER (TR)
- MAILBOX (MB)
- FIRE HYDRANT
- GUY POLE (GP)
- WATER METER
- BUILDING
- CULVERT
- DITCH
- DRIVEWAY
- FENCE (X)
- EXISTING RW
- GATE (GATE — GATE)
- ROAD
- STREAM
- UG FIBER (FO)
- UG GAS (G)
- UG TELEPHONE (T)
- UG WATER (W)
- UTILITY OVERHEAD (OHU)

SURVEY FEATURES

- POINT OF CURVATURE
- POINT OF INTERSECTION
- POINT OF TANGENT
- RIGHT OF WAY
- PROPERTY LINE
- FLOWLINE (<)

NEW CONSTRUCTION FEATURES

- CALLOUT
- NEW CULVERT
- NEW GUARDRAIL
- WINGWALL
- DESIGN CENTERLINE
- AREA OF POTENTIAL EFFECT (APE)
- CLEAR & GRUB (CG)
- CULVERT
- CUT LINE (C)
- FLOWLINE (<)
- FILL LINE (F)
- GUARDRAIL
- HIGH VISIBILITY SILT FENCE (HVS)
- TEMPORARY CONSTRUCTION EASEMENT
- NEW EDGE OF PAVEMENT

GENERAL NOTES

1. SURVEY HORIZONTAL DATUM; WASHINGTON STATE PLANE, SOUTH GRID, NAD 83/91
   VERTICAL DATUM: NAVD '88

90% NOT FOR CONSTRUCTION

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

LEGEND

SHEET 2 OF 19

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555
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Utilities Underground Location Center

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SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
		PREPARATION		
1	1	MOBILIZATION	1	LUMP SUM
2	25	CLEARING AND GRUBBING	0.40	ACRE
3	S.P.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LUMP SUM
		GRADING		
4	310	ROADWAY EXCAVATION INCL. HAUL	215	C.Y.
5	431	GRAVEL BORROW INCL. HAUL	800	TON
		DRAINAGE		
6	S.P.	STREAMBED MIX	595	TON
7	1030	DITCH EXCAVATION INCL. HAUL	370	C.Y.
8	3075	TEMPORARY STREAM DIVERSION	1	LUMP SUM
		STRUCTURE		
9	4006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	1025	C.Y.
10	4013	SHORING OR EXTRA EXCAVATION CL. A	1	LUMP SUM
11	4025	GRAVEL BACKFILL FOR WALL	265	C.Y.
12	4090	FURNISHING ST. PILING	1000	L.F.
13	4095	DRIVING ST. PILE	16	EACH
14	4149	ST. REINF. BAR FOR BRIDGE	40,050	LB.
15	4300	SUPERSTRUCTURE	1	LUMP SUM
16	4322	CONC. CLASS 4000 FOR BRIDGE	285	C.Y.
17	4415	TRAFFIC BARRIER	80	L.F.
18	5656	BRIDGE APPROACH SLAB	180	S.Y.
		SURFACING		
19	5100	CRUSHED SURFACING BASE COURSE	760	TON
20	5120	CRUSHED SURFACING TOP COURSE	260	TON
21	S.P.	SHOULDER FINISHING	0.12	MILE
		HOT MIX ASPHALT		
22	5766	HMA CL. 3/8 IN. PG 58H-22	195	TON

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
		EROSION CONTROL AND ROADSIDE PLANTING		
23	6403	ESC LEAD	25	DAY
24	6422	SEEDING AND MULCHING	0.27	ACRE
25	6455	EROSION CONTROL BLANKET	125	S.Y.
26	6479	WATTLE	20	L.F.
27	6490	EROSION/WATER POLLUTION CONTROL	1	EST.
28	6579	BARK OR WOOD CHIP MULCH	0.07	ACRE
29	6635	HIGH VISIBILITY SILT FENCE	860	L.F.
30	S.P.	PLANTING MITIGATION CONSTRUCTION	1	LUMP SUM
31	S.P.	LARGE WOODY DEBRIS	2	EACH
32	S.P.	BALLAST BOULDERS	4	EACH
		TRAFFIC		
33	6719	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	4	EACH
34	6727	EXTRUDED CURB	105	L.F.
35	6757	BEAM GUARDRAIL TYPE 31	50	L.F.
36	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 24	4	EACH
37	6806	PAINT LINE	280	L.F.
38	6832	FLEXIBLE GUIDE POST	16	EACH
39	6858	PAINTED STOP LINE	15	L.F.
40	6971	PROJECT TEMPORARY TRAFFIC CONTROL	1	LUMP SUM
41	6982	CONSTRUCTION SIGNS CLASS A	297	S.F.
		OTHER ITEMS		
42	7490	TRIMMING AND CLEANUP	1	LUMP SUM
43	7530	CONSTRUCTION GEOTEXTILE FOR SEPARATION	355	S.Y.
44	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST.
45	7736	SPCC PLAN	1	LUMP SUM

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JONES ROAD MP 1.71

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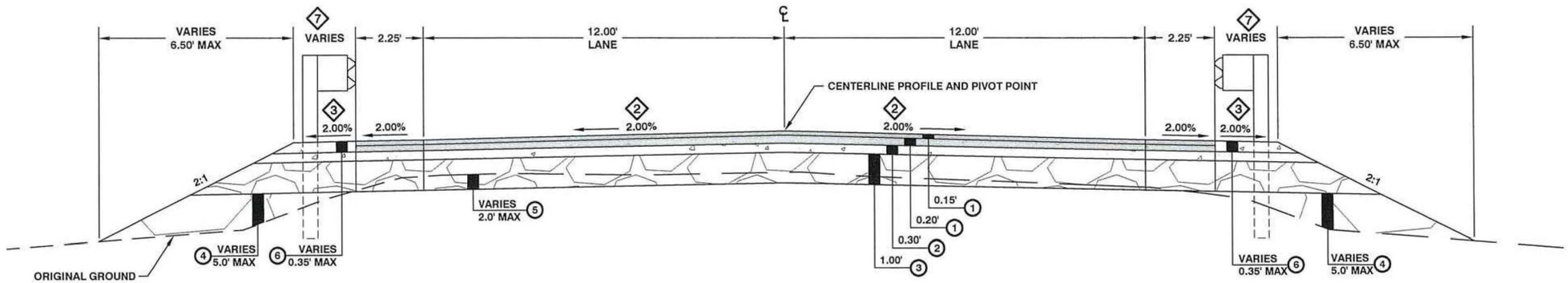
SUMMARY OF QUANTITIES

SHEET 3 OF 19

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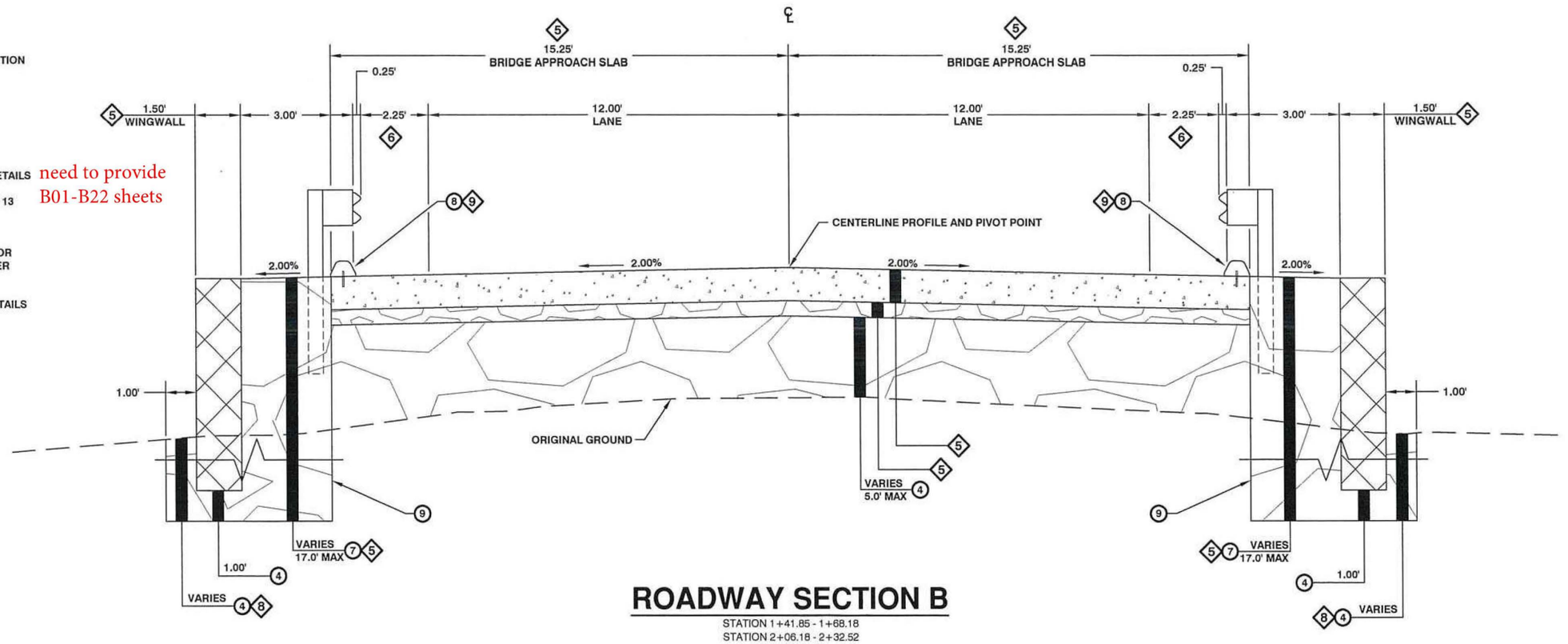
ROADWAY SECTION A

STATION 0+00.00 - 1+41.85
STATION 2+32.52 - 3+23.86
NOT TO SCALE

CONSTRUCTION NOTES:

1. ALL DISTANCES CALLED OUT VARY WITHIN TRANSITION LIMITS
2. CROSS SLOPES VARY WITHIN TRANSITION LIMITS
3. SLOPES WILL VARY IN SOME LOCATIONS
4. ALL DEPTHS ARE COMPACTED DEPTH
5. SEE BRIDGE PLAN SHEETS B01 - B22 FOR MORE DETAILS
6. FOR GUARDRAIL LAYOUT AND DETAILS SEE SHEET 13
7. SEE SHEET 13 FOR GUARDRAIL LOCATIONS
8. BACKFILL WINGWALL FACE TO 20% WALL HEIGHT OR MATCH EXISTING GROUND, WHICHEVER IS GREATER SEE WSDOT STANDARD PLAN D-20.10
9. FOR EXTRUDED CURB TYPE 6 PLACEMENT AND DETAILS SEE WSDOT STANDARD PLAN F-10.42

need to provide B01-B22 sheets



ROADWAY SECTION B

STATION 1+41.85 - 1+68.18
STATION 2+06.18 - 2+32.52
NOT TO SCALE

NOTES

1. HMA CL. 3/8" IN. PG 58H-22
2. CRUSHED SURFACING TOP COURSE
3. CRUSHED SURFACING BASE COURSE
4. GRAVEL BORROW INCL. HAUL
5. ROADWAY EXCAVATION INCL. HAUL
6. SHOULDER FINISHING (CRUSHED SURFACING TOP COURSE)
7. GRAVEL BACKFILL FOR WALL
8. TYPE 6 EXTRUDED CURB
9. STRUCTURE EXCAVATION CLASS A INCL. HAUL

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
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DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
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ROADWAY TYPICAL SECTION

SHEET 4 OF 19

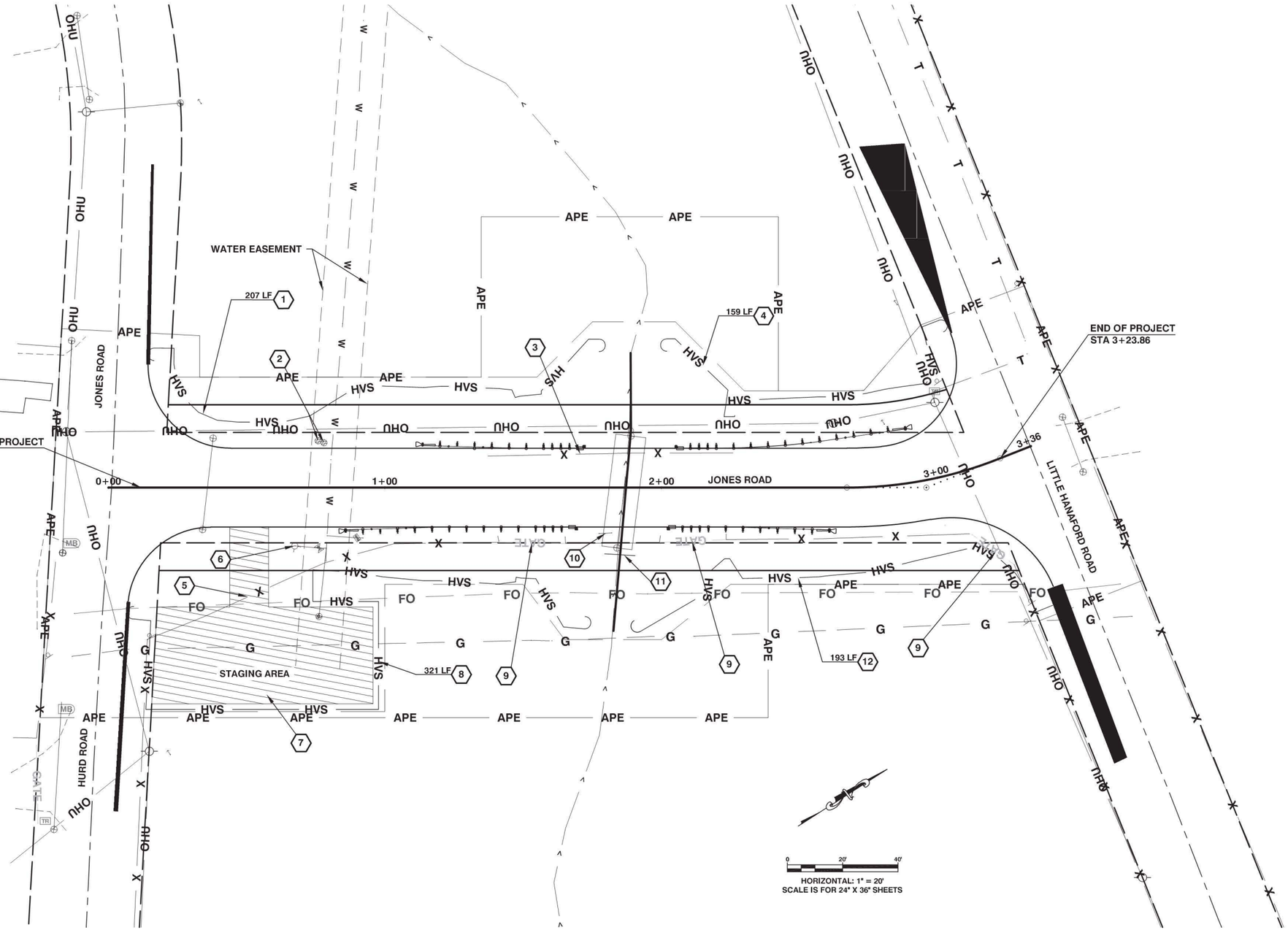
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TWP 14 N RGE 1 W W.M.



CONSTRUCTION NOTES:

1. 207 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
2. EXISTING WATER VALVES TO BE MOVED PRIOR TO STARTING CONSTRUCTION BY OTHERS
3. STA 1+37.23; 11.41' LT - 2+25.86; 12.54' LT
   89.00 L.F. EXISTING BARB WIRE FENCE TO BE REMOVED
4. 159 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
5. STA 0+14.10; 54.87' RT - 3+16.20; 37.76' RT
   263 L.F. EXISTING BARB WIRE FENCE TO BE REMOVED
6. EXISTING FIRE HYDRANT TO BE MOVED PRIOR TO STARTING CONSTRUCTION BY OTHERS
7. ENGINEER TO VERIFY IN FIELD
   STAGING AREA AT PARCEL# 020602003000
   355 S.Y. CONSTRUCTION GEOTEXTILE FOR SEPARATION
   0.07 ACRE BARK OR WOOD CHIP MULCH
   SEE SPECIAL PROVISION 8-01.3(2)A PREPARATION FOR APPLICATION
   0.07 ACRE SEEDING AND MULCHING
8. 321 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
9. FIELD ACCESS GATES TO BE REMOVED
10. EXISTING 2" WATERLINE TO BE RELOCATED BY OTHERS
11. EXISTING UNKNOWN UNDERGROUND PIPE TO BE RELOCATED
12. 193 L.F. HIGH VISIBILITY SILT FENCE
    INSTALL PER WSDOT STANDARD PLAN I-10.10
13. ALL UTILITIES & FENCING TO BE RELOCATED BY OTHERS

0 20' 40'

HORIZONTAL: 1" = 20'
SCALE IS FOR 24" X 36" SHEETS

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S:\Engineer\Design\JONES ROAD MP 1.71 SM21F171900171\DRAWINGS\DESIGN DRAWINGS\JONES ROAD MP 1.71 SITE PREPARATION - UTILITY - TESC PLAN.dwg

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

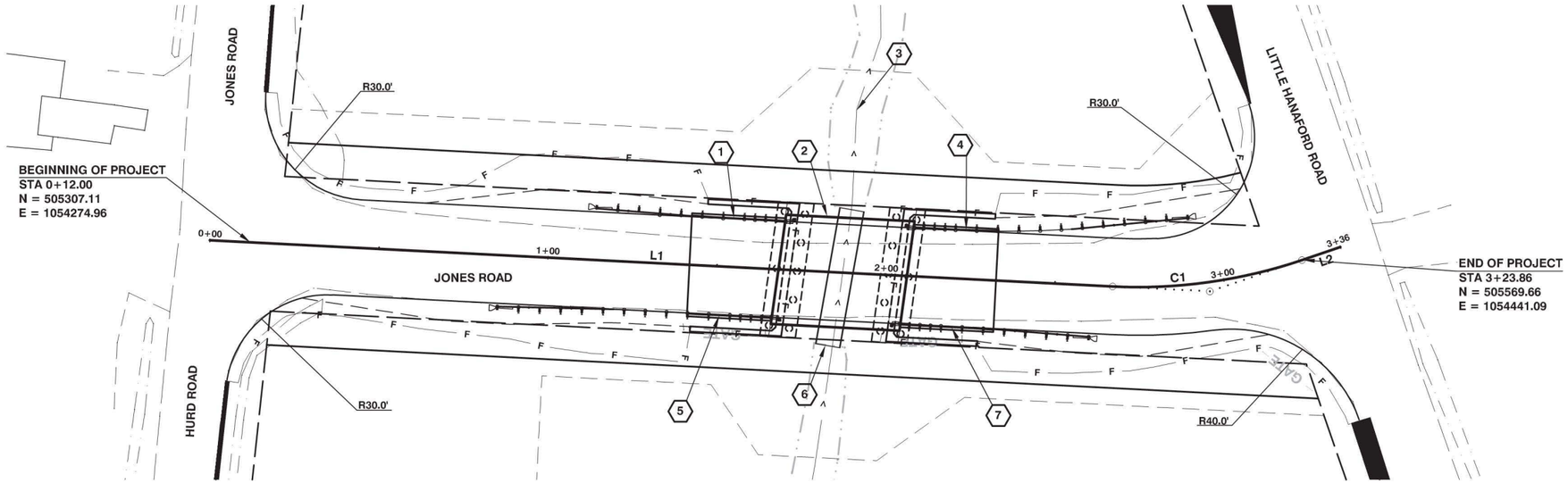
SITE PREPARATION/UTILITY/TESC PLAN

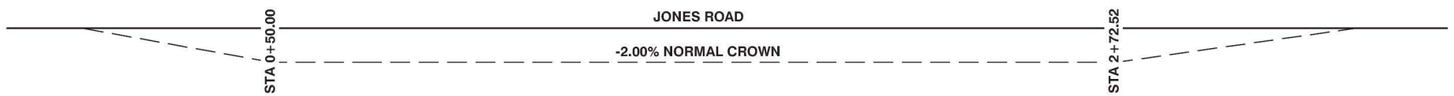
SHEET 5 OF 19

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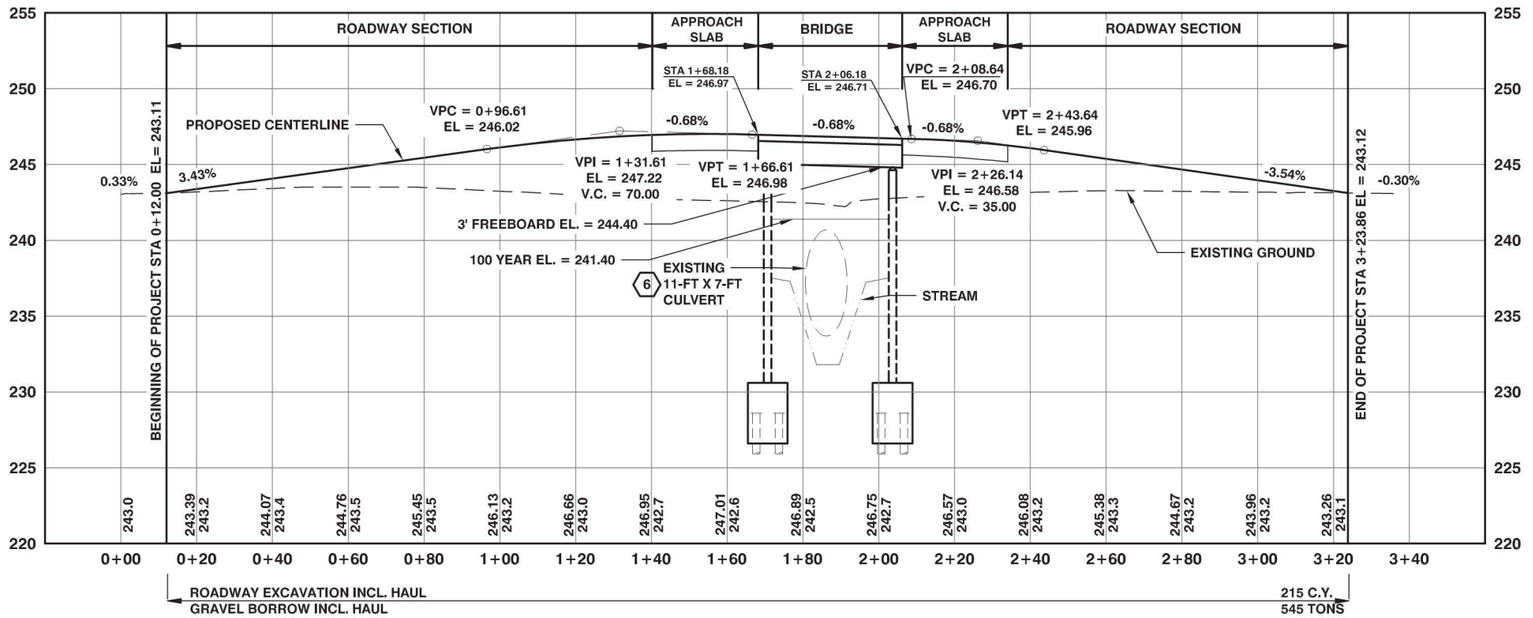
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TWP 14 N RGE 1 W W.M.



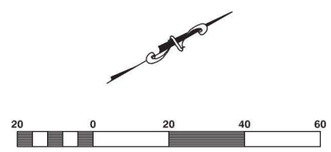


JONES RD CL



CONSTRUCTION NOTES:

1. STA 1+41.85 (14.68' LT) - 1+69.45 (14.50' LT)
   CONSTRUCT EXTRUDED CURB
   27.50 L.F. EXTRUDED CURB TYPE 6
   SEE DETAILS ON SHEETS B01 - B22
   SEE WSDOT STANDARD PLAN F-10.42
2. STA 1+41.85 - 2+32.52
   CONSTRUCT BRIDGE & BRIDGE APPROACH SLABS
   SEE DETAILS ON SHEETS B01 - B22
3. CONSTRUCT SF HANAFORD CREEK
   SEE DETAILS AND QUANTITIES ON SHEET 9
4. STA 2+07.45 (14.50' LT) -2+32.52 (14.79' LT)
   CONSTRUCT EXTRUDED CURB
   25 L.F. EXTRUDED CURB TYPE 6
   SEE DETAILS ON SHEETS B01 - B22
   SEE WSDOT STANDARD PLAN F-10.42
5. STA 1+41.85 (14.50' RT) - 1+66.91 (14.50' RT)
   CONSTRUCT EXTRUDED CURB
   25 L.F. EXTRUDED CURB TYPE 6
   SEE DETAILS ON SHEETS B01 - B22
   SEE WSDOT STANDARD PLAN F-10.42
6. STA 1+86.60
   REMOVE EXISTING 11' X 7' CMP CULVERT
7. STA 2+04.91 (14.50' RT) - 2+32.52 (14.68' RT)
   CONSTRUCT EXTRUDED CURB
   27.50 L.F. EXTRUDED CURB TYPE 6
   SEE DETAILS ON SHEETS B01 - B22
   SEE WSDOT STANDARD PLAN F-10.42
8. SEE SHEET 13 FOR GUARDRAIL LAYOUT AND PAVEMENT AND SHOULDER WIDTH TRANSITION LOCATIONS



HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

JONES RD

Curve Table: Alignments								
Curve #	Radius	Length	Tangent	Delta Angle	Degree Of Curve	P.C. Station	P.T. Station	PI Station
C1	150.00	56.77	28.73	021° 41' 02"	038° 11' 50"	2+67.05	3+23.81	2+95.77

JONES RD

Line Table: Alignments				
Line #	Length	Direction	Begin Station	End Station
L1	267.05	N34°17'06"E	0+00.00	2+67.05
L2	11.98	N12°36'04"E	3+23.81	3+35.80

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Department of Public Works
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CHEHALIS WA 98532
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DESIGNED BY : J. PIPER
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DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 90-21F171900171

JONES ROAD PLAN & PROFILE

SHEET 6 OF 19

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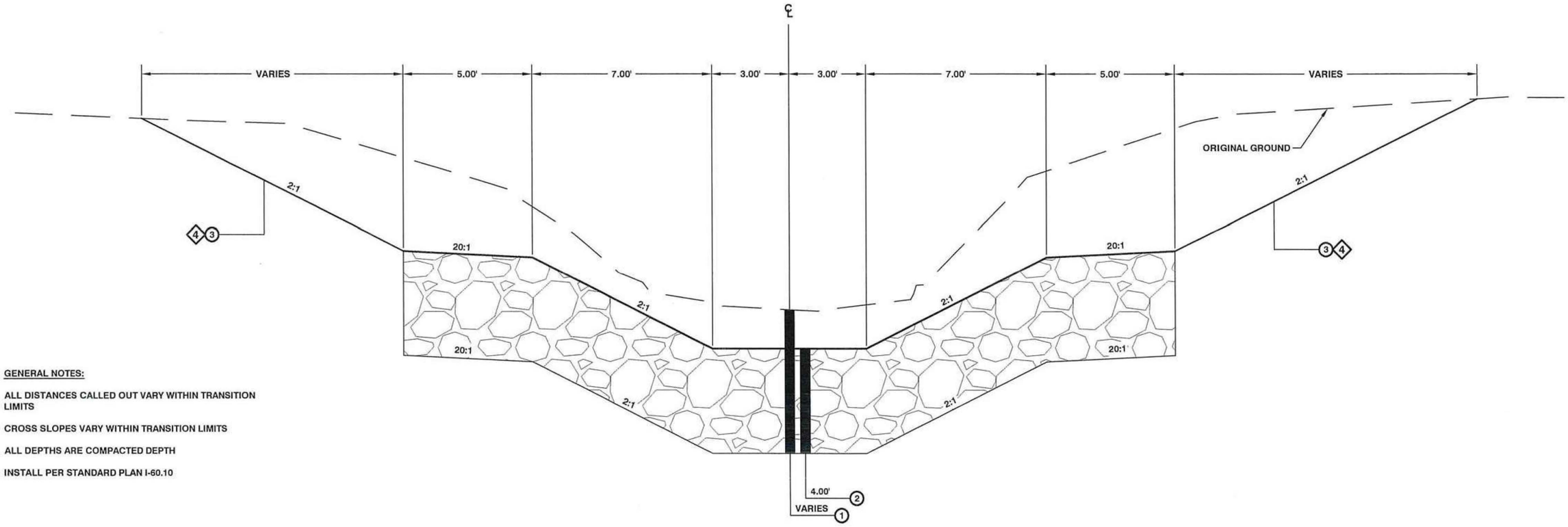
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GENERAL NOTES:

1. ALL DISTANCES CALLED OUT VARY WITHIN TRANSITION LIMITS
2. CROSS SLOPES VARY WITHIN TRANSITION LIMITS
3. ALL DEPTHS ARE COMPACTED DEPTH
4. INSTALL PER STANDARD PLAN I-60.10

LEGEND

1. DITCH EXCAVATION INCL. HAUL
2. STREAMBED MIX
3. EROSION CONTROL BLANKET

SF HANAFORD CREEK TYPICAL SECTION

STATION 0+05.79 - 0+30.86
STATION 0+72.76 - 0+99.80
NOT TO SCALE

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
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DATE :

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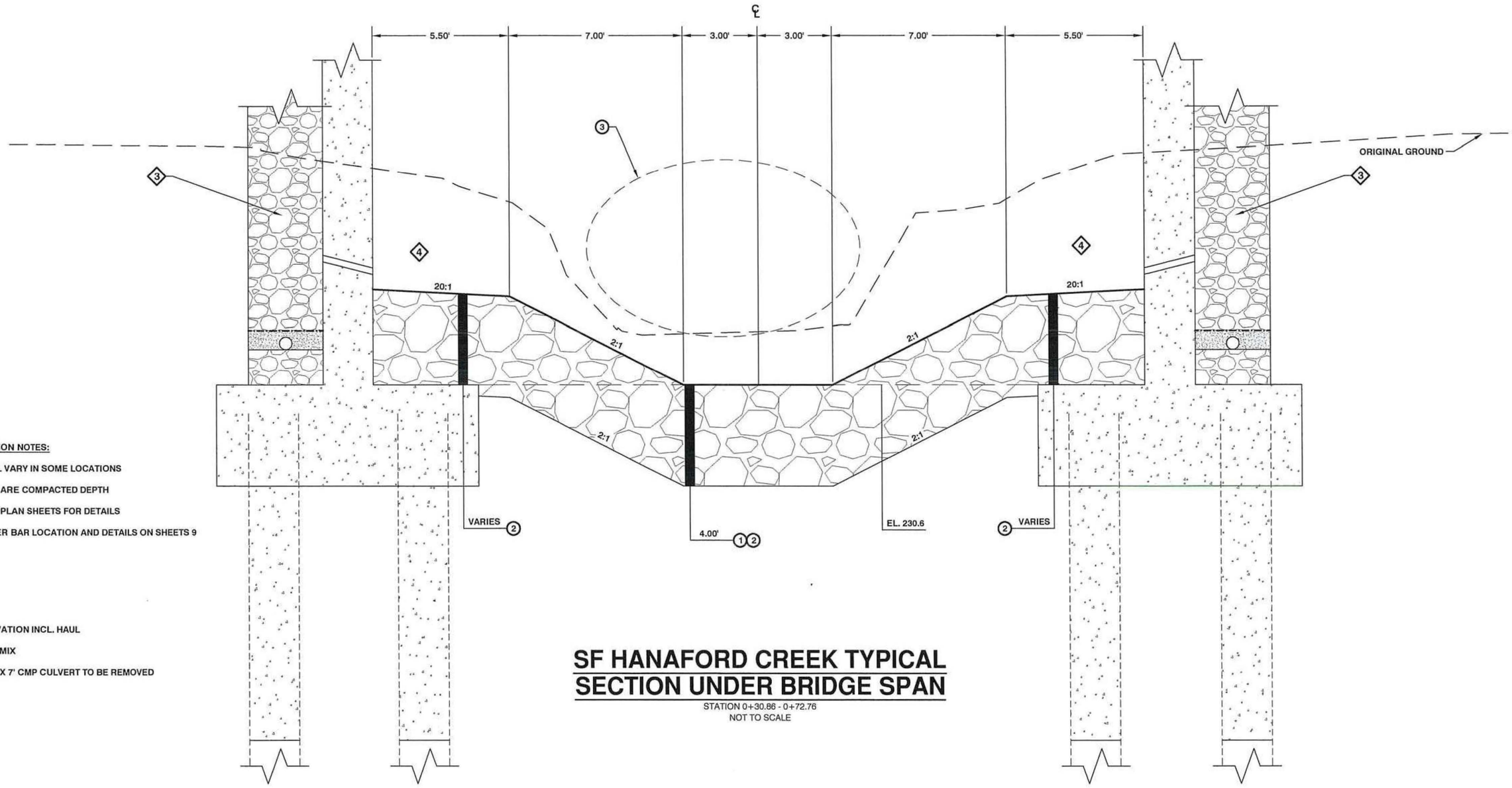
SF HANAFORD CREEK TYPICAL SECTION

SHEET 7 OF 19

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CONSTRUCTION NOTES:

1. SLOPES WILL VARY IN SOME LOCATIONS
2. ALL DEPTHS ARE COMPACTED DEPTH
3. SEE BRIDGE PLAN SHEETS FOR DETAILS
4. SEE MEANDER BAR LOCATION AND DETAILS ON SHEETS 9 AND 10

LEGEND

1. DITCH EXCAVATION INCL. HAUL
2. STREAMBED MIX
3. EXISTING 11' X 7' CMP CULVERT TO BE REMOVED

SF HANAFORD CREEK TYPICAL SECTION UNDER BRIDGE SPAN

STATION 0+30.86 - 0+72.76
NOT TO SCALE

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SF HANAFORD CREEK TYPICAL SECTION

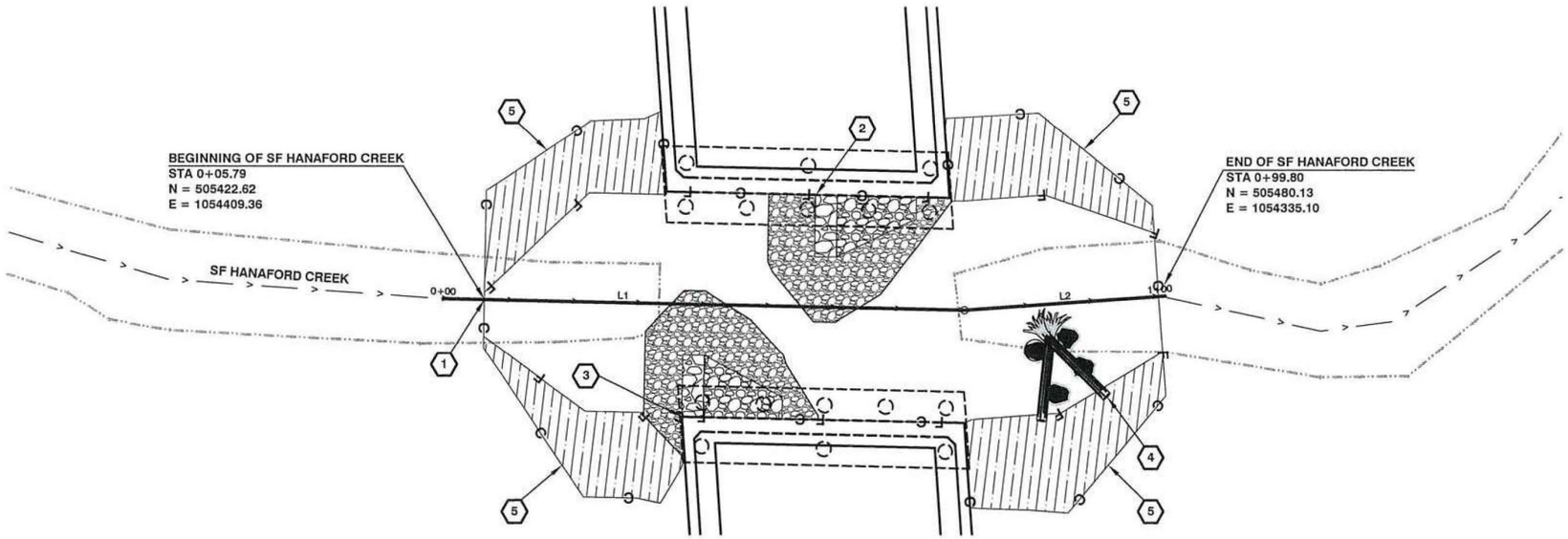
SHEET 8 OF 19

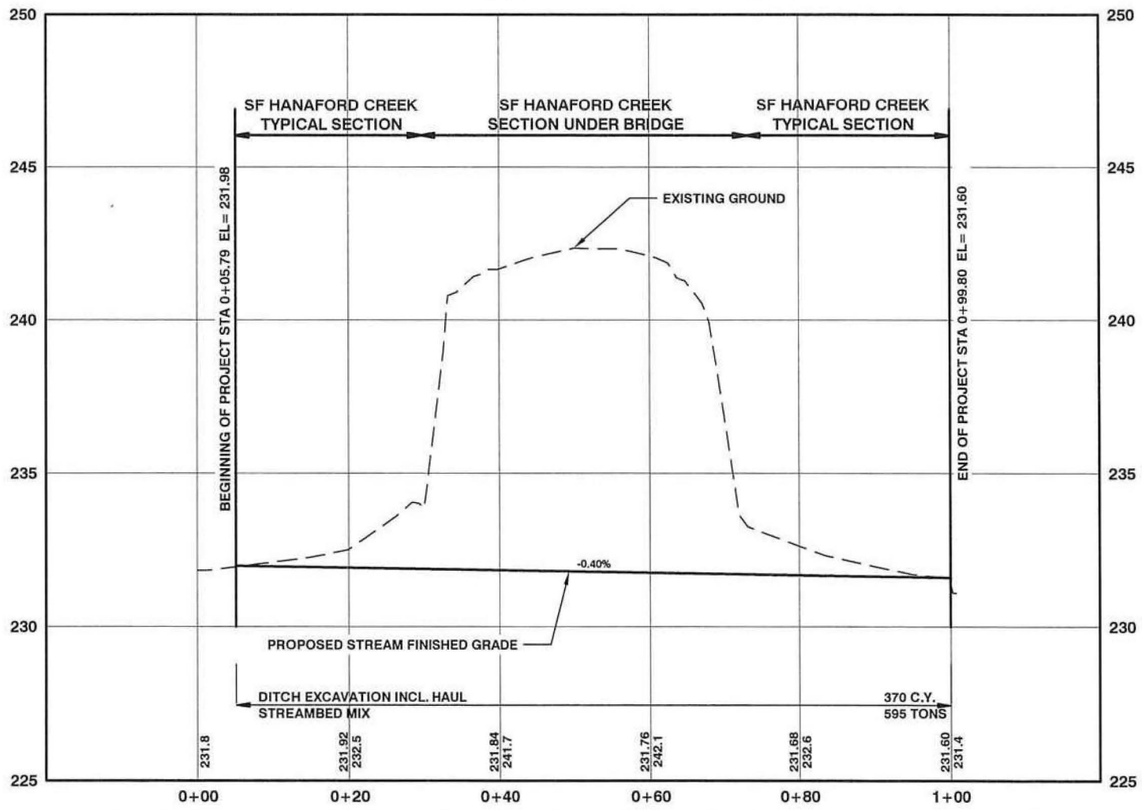
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TWP 14 N RGE 1 W W.M.





CONSTRUCTION NOTES

1. STA 0+5.79 TO STA 0+99.80
   CONSTRUCT STREAMBED
   SEE SF HANAFORD CREEK TYPICAL SECTIONS ON SHEETS 7 AND 8
   370 C.Y. DITCH EXCAVATION INCL. HAUL
   429 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

2. STA 0+51.65 (15.40' LT) TO STA 0+65.65 (15.40' LT)
   CONSTRUCT MEANDER BAR
   SEE MEANDER BAR DETAILS ON SHEET 10
   83 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

3. STA 0+33.55 (15.45' RT) TO STA 0+47.55 (15.45' RT)
   CONSTRUCT MEANDER BAR
   SEE MEANDER BAR DETAILS ON SHEET 10
   83 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

4. STA 0+82.00 (RT)
   PLACE AND ANCHOR LARGE WOODY DEBRIS
   SEE LWD SECTION VIEW ON SHEET 10
   SEE LWD CONNECTION DETAILS ON SHEET 11
   SEE SPECIAL PROVISION 8-30

5. STA 0+5.79 TO STA 0+99.80
   INSTALL EROSION CONTROL BLANKET
   125 S.Y. EROSION CONTROL BLANKET
   SEE SF HANAFORD CREEK TYPICAL SECTIONS ON SHEET 7 FOR DETAIL

SF HANAFORD CREEK

Line Table: Alignments

Line #	Length	Direction	Begin Station	End Station
L1	72.76	N50°43'36"W	0+00.00	0+72.76
L2	27.97	N56°00'33"W	0+72.76	1+00.73

10 0 10 20 30

HORIZONTAL: 1" = 10'
VERTICAL: 1" = 2.5'
SCALE IS FOR 24" X 36" SHEETS

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SF HANAFORD CREEK PLAN & PROFILE

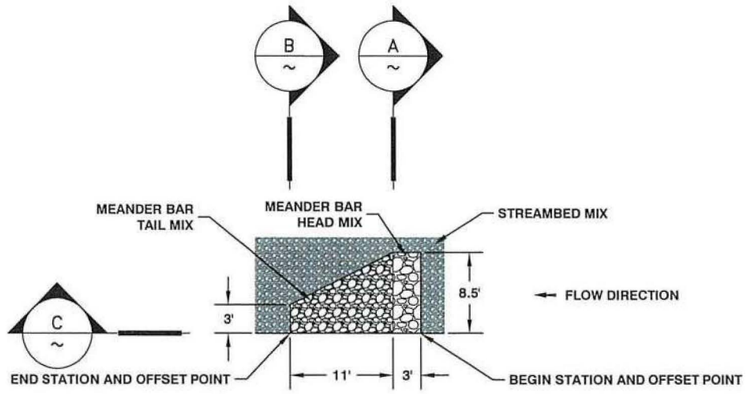
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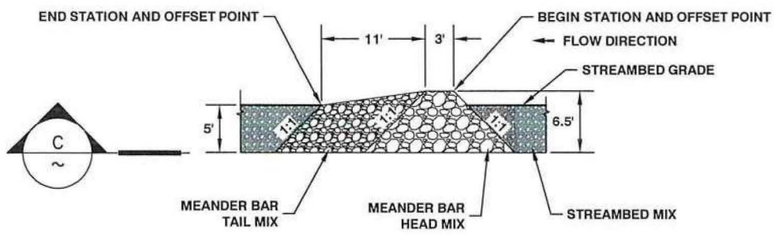
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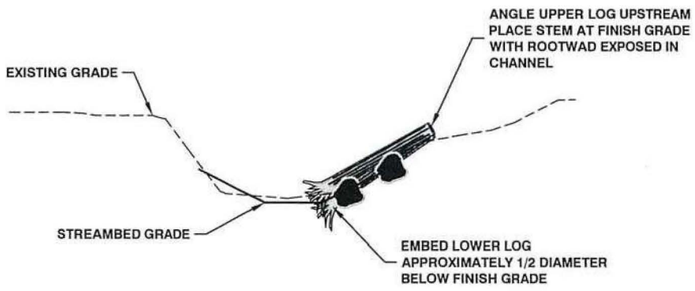
MEANDER BAR PLAN VIEW

NOT TO SCALE



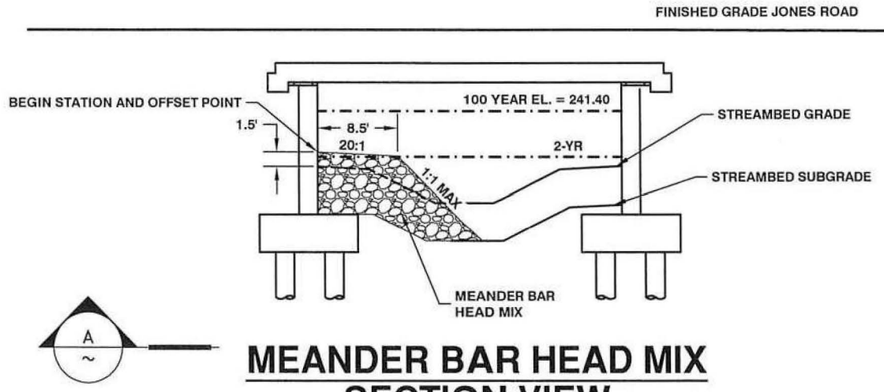
MEANDER BAR PROFILE VIEW

NOT TO SCALE



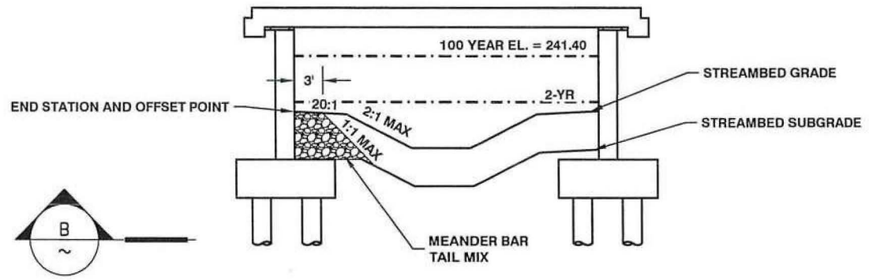
LWD SECTION VIEW

NOT TO SCALE



MEANDER BAR HEAD MIX SECTION VIEW

NOT TO SCALE



MEANDER BAR TAIL MIX SECTION VIEW

NOT TO SCALE

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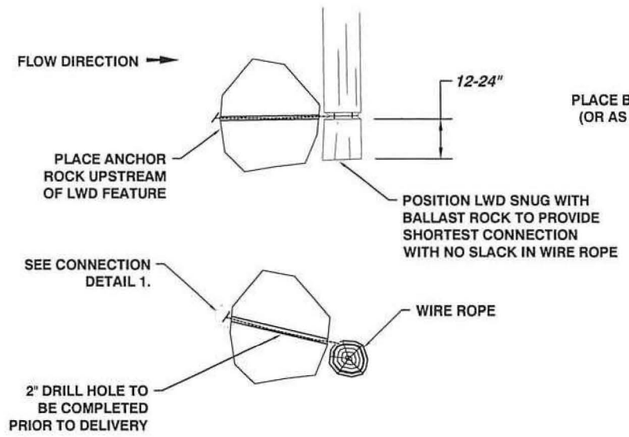
SF HANAFORD CREEK STREAM DETAILS

SHEET 10 OF 19

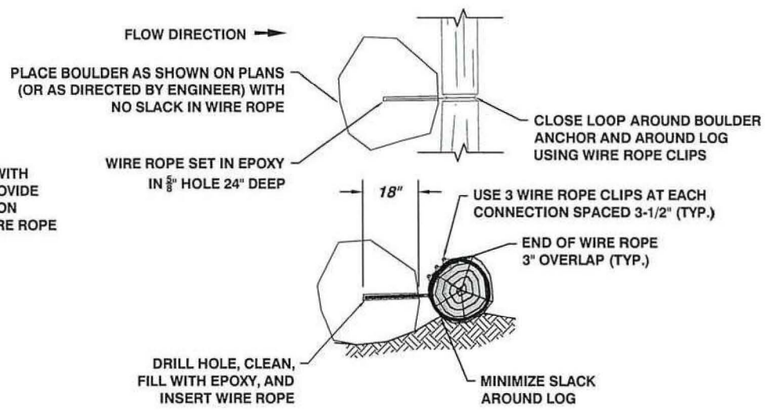
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BOULDER TO LWD CONNECTION
OPTION A



BOULDER TO LWD CONNECTION
OPTION B

CONSTRUCTION NOTES

1. WOOD SPECIES FOR LARGE WOODY DEBRIS (LWD) PIECES SHALL BE GREEN (NOT STOCKPILED) DOUGLAS FIR OR RED CEDAR UNLESS OTHERWISE SPECIFIED. NO DIMENSIONAL BEAMS OR TIMBERS, HEMLOCK, ALDER, OR OTHER DECIDUOUS TREE SPECIES SHALL BE USED.
2. LWD PIECES: ALL LOGS SHALL HAVE ROOTWADS INTACT. LWD SHALL BE 16 INCHES DIAMETER AT BREAST HEIGHT. LWD SHALL BE 15 FEET LONG INCLUDING THE ROOTWAD.
3. EACH LOG SHALL BE SECURED IN PLACE AT BOTH ENDS BY ANCHORING TO BOULDER ANCHORS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. LOG TO LOG CONNECTIONS SHALL BE MADE AT EACH LOG CROSSING AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. BOULDERS USED FOR ANCHORS IN CHANNEL MAY BE ROUND OR SUB-ANGULAR, EACH WEIGHING AT LEAST 2200 LBS, AND SECURED TO THE LOGS WITH NO SLACK IN CHAIN OR WIRE ROPE. ALL BOULDERS SHALL BE PLACED ON THE UPSTREAM SIDE OF THE LOG THEY ARE SECURED TO AND EMBEDDED TO A DEPTH EVEN WITH OR BELOW THE BASE OF THE LOG WHERE ATTACHED (UNLESS INSTRUCTED OTHERWISE BY ENGINEER IN FIELD).
5. LWD CONNECTIONS FOR LOG TO ANCHOR, LOG TO BOULDER, AND LOG TO LOG SHALL BE MADE USING $\frac{1}{2}$" TRANSPORT CHAIN OR GALVANIZED WIRE ROPE. $\frac{1}{2}$" CHAIN WILL BE SECURED WITH BOLTS OR SHACKLES. $\frac{1}{2}$" ROPE CLIPS SHALL BE USED TO SECURE WIRE ROPES AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER. TO PREVENT LOOSENING OF ROPE CLIPS THE NUTS SHALL BE SPOT WELDED OR THREADS FOULED.
6. LOGS SHALL BE NOTCHED 1-2" AND STAPLED WITH $\frac{1}{2}$" STAPLES AT ALL CHAIN OR WIRE ROPE CONNECTIONS.
7. LOCAL EXCAVATION SHALL BE PERFORMED PRIOR TO, DURING AND AFTER PLACEMENT OF LWD STRUCTURES AS DIRECTED BY THE ENGINEER.
8. POSSIBLE METHODS FOR SECURING WIRE ROPE TO BOULDERS ARE:

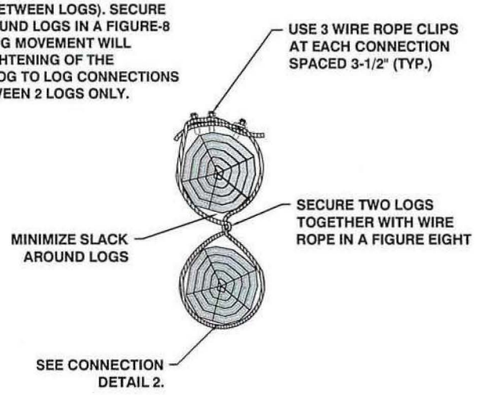
   OPTION A. DRILLING THROUGH BOULDER, THREADING WIRE ROPE THROUGH DRILLED HOLE, AND SECURING WIRE ROPE TO PLATE ON BACKSIDE OF BOULDER TO PREVENT THE WIRE ROPE FROM SLIPPING THROUGH. PRIOR TO CONNECTING BOULDER TO LWD, THE WIRE ROPE TO BOULDER CONNECTION SHALL BE PROOF TESTED BY LIFTING THE BOULDER BY THE ATTACHED WIRE ROPE.

   OPTION B. DRILL 5/8-INCH HOLE 18 INCHES (MINIMUM) INTO BOULDER. CLEAN HOLE WITH COMPRESSED AIR OR OTHER MEANS TO REMOVE DUST AND ROCK PARTICLES. FILL HOLE WITH EPOXY ADHESIVE AND INSERT WIRE ROPE ENSURING ADEQUATE LENGTH REMAINS TO SECURE TO LOG. EPOXY SHALL MEET WSDOT STANDARD SPECIFICATION 9-26.1 TYPE IV. THE GRADE, CLASS, AND OTHER PROPERTIES OF THE EPOXY ADHESIVE SHALL BE AS RECOMMENDED BY THE EPOXY MANUFACTURER AND SUBJECT TO APPROVAL BY THE ENGINEER. THE EPOXY ADHESIVE SHALL BE SUITABLE FOR PROVIDING A LONG-TERM BOND OF THE WIRE ROPE TO THE BOULDER ANCHOR IN SUBMERGED (UNDERWATER) CONDITIONS, DRY CONDITIONS, AND VARIABLE SUBMERGENCE CONDITIONS. EPOXY SHALL BOND THE WIRE ROPE TO THE BOULDER FOR AT LEAST A LOAD CORRESPONDING TO A 10,000 POUND TENSILE LOAD ON THE WIRE ROPE.

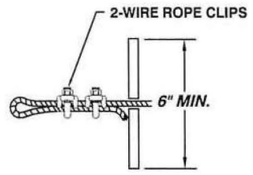
SPECIAL NOTES FOR ALL LOG STRUCTURES

1. DRAWING SHOWS THE PROPOSED LOCATION OF THE LWD STRUCTURES. THE FINAL DESIGN MAY BE MODIFIED BY THE ENGINEER TO SUIT LOCAL CONDITIONS AND AVAILABLE MATERIALS. FURTHER, MODIFICATIONS TO THIS DESIGN MAY BE MADE IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION.
2. TYPICAL DESIGNS ARE MEANT AS A GUIDE ONLY. MODIFICATION TO SUIT SITE CONDITIONS WILL LIKELY BE REQUIRED.

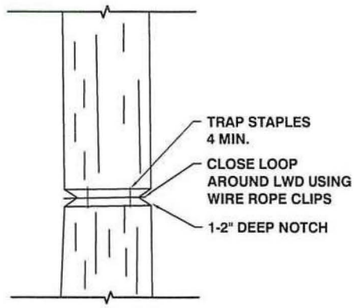
LOG TO LOG CONNECTIONS ARE MADE WHERE ONE LOG RESTS ON ANOTHER (MINIMAL GAP BETWEEN LOGS). SECURE WIRE ROPE AROUND LOGS IN A FIGURE-8 SO THAT ANY LOG MOVEMENT WILL RESULT IN A TIGHTENING OF THE CONNECTION. LOG TO LOG CONNECTIONS ARE MADE BETWEEN 2 LOGS ONLY.



LOG TO LOG CONNECTION
NOT TO SCALE



CONNECTION DETAIL 1
NOT TO SCALE



CONNECTION DETAIL 2
NOT TO SCALE

NOTES

1. SEE LEGEND FOR LOG CONTROL POINTS. POINT "A" IS THE ENDPOINT OF THE STEM AND AND POINT "R" IS THE CENTER OF THE STEM AT THE ROOTWAD.

LOWER LOG
PT. A: SF HANAFORD CREEK STA. 0+82, OFF. 16' RT
PT. R: SF HANAFORD CREEK STA. 0+85, OFF. 4' RT

UPPER LOG
PT. A: SF HANAFORD CREEK STA. 0+91, OFF. 13' RT
PT. R: SF HANAFORD CREEK STA. 0+83, OFF. 4' RT

MEANDER BAR 1 START SF HANAFORD CREEK STA. 0+28.31
MEANDER BAR 2 START SF HANAFORD CREEK STA. 0+45.15

LEGEND

- MEANDER BAR HEAD MIX
- STREAMBED MIX
- MEANDER BAR TAIL MIX
- BOULDER ANCHOR
- LARGE WOODY DEBRIS (TYP.) (A, R)

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CHEHALIS WA 98532
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DATE : 06-09-2022

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LARGE WOODY DEBRIS CONNECTION DETAILS

SHEET 11 OF 19

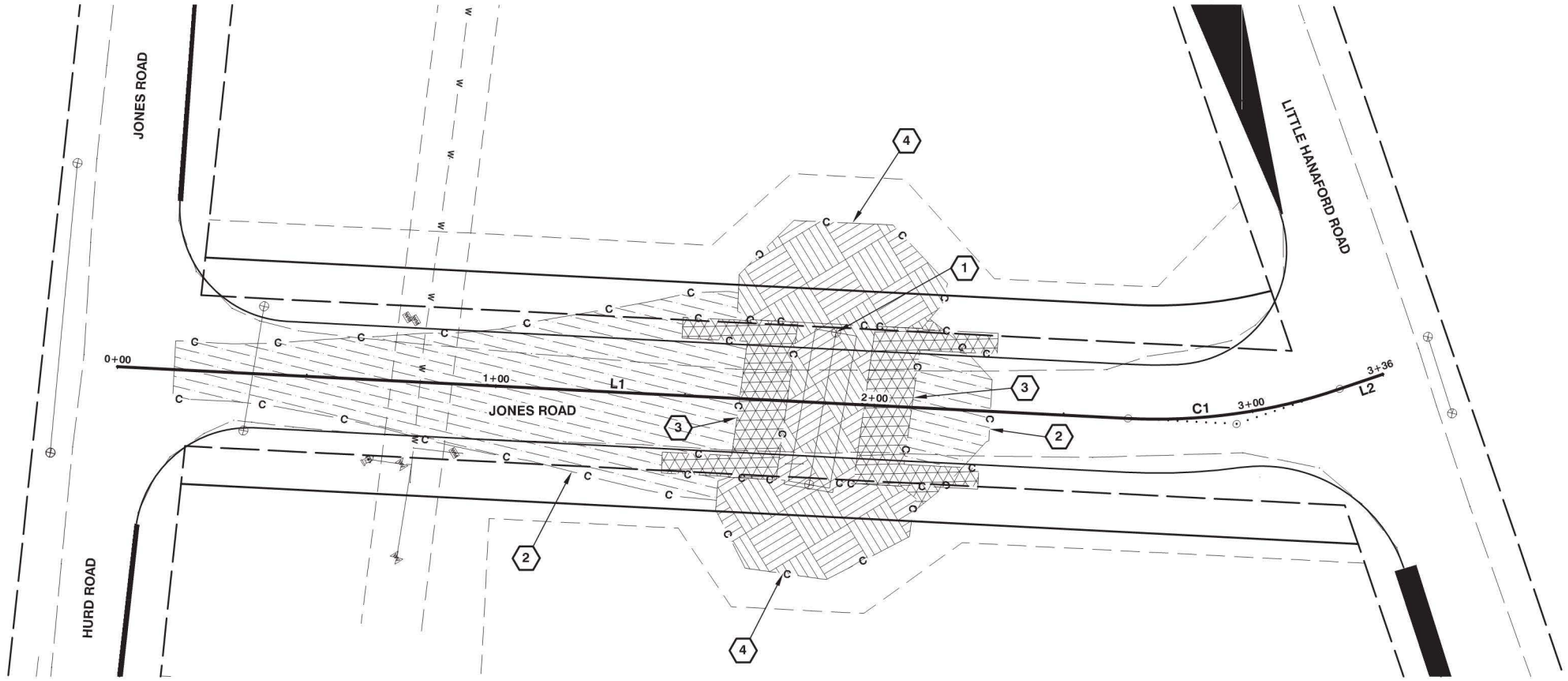
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Seattle, WA 98168
Phone: 206-241-6000

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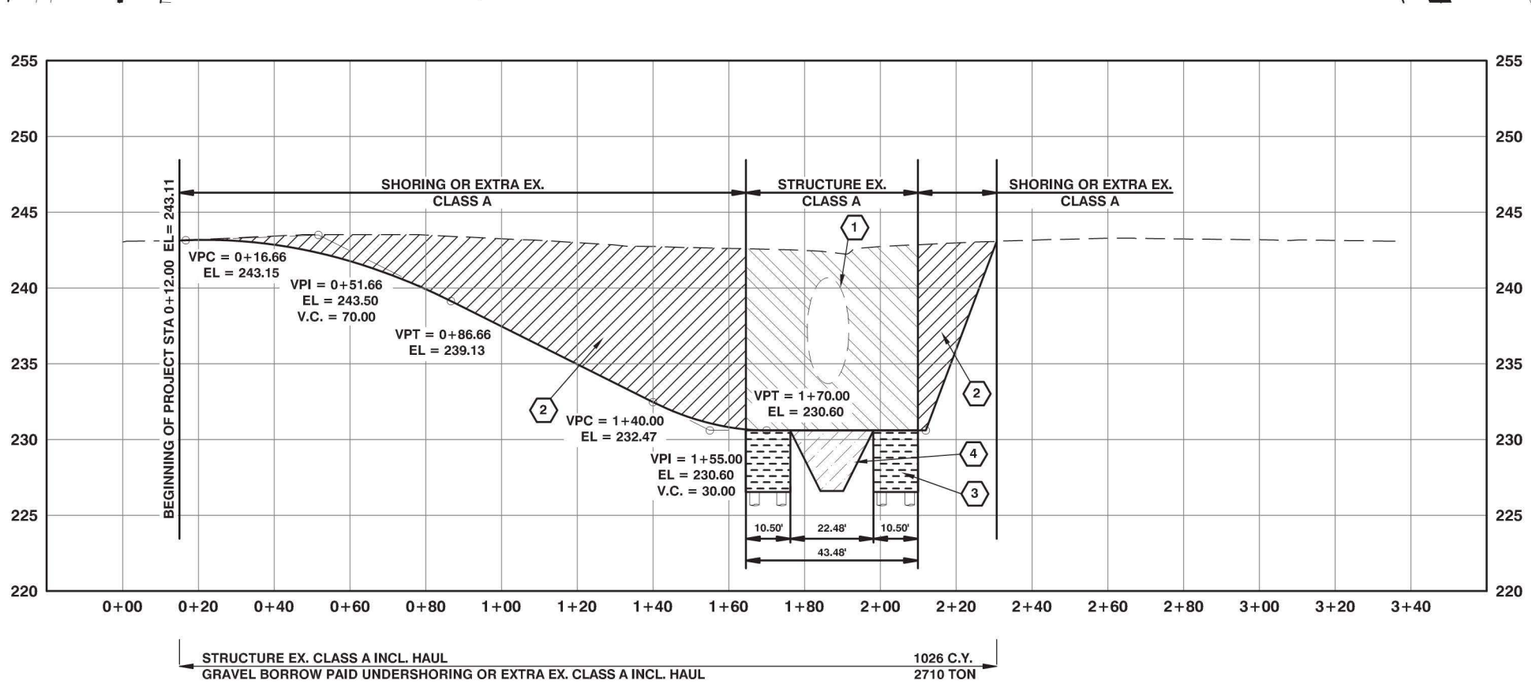
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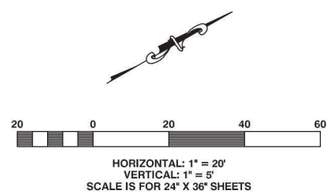
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CONSTRUCTION NOTES:

1. STA 1+86.60
   REMOVE EXISTING 11' x 7' CMP CULVERT
   SEE DETAILS ON SHEET 6
   356 C.Y. STRUCTURE EXCAVATION CLASS A INCL. HAUL
   7120 S.F. SHORING OR EXTRA EXCAVATION CLASS A
2. STA 0+15.00 - 2+30.70
   EST. 2710 TON GRAVEL BORROW; PAID UNDER SHORING OR EXTRA EX. CLASS A
   SEE DETAILS ON THIS SHEET
3. STA 1+44.78 - 2+31.71
   EXCAVATE FOR PILE CAPS AND WINGWALLS
   670 C.Y. STRUCTURE EXCAVATION CLASS A INCL. HAUL
4. DITCH EXCAVATION INCL. HAUL
   SEE DETAILS ON SHEET 9





HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

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JONES ROAD EXCAVATION PLAN & PROFILE

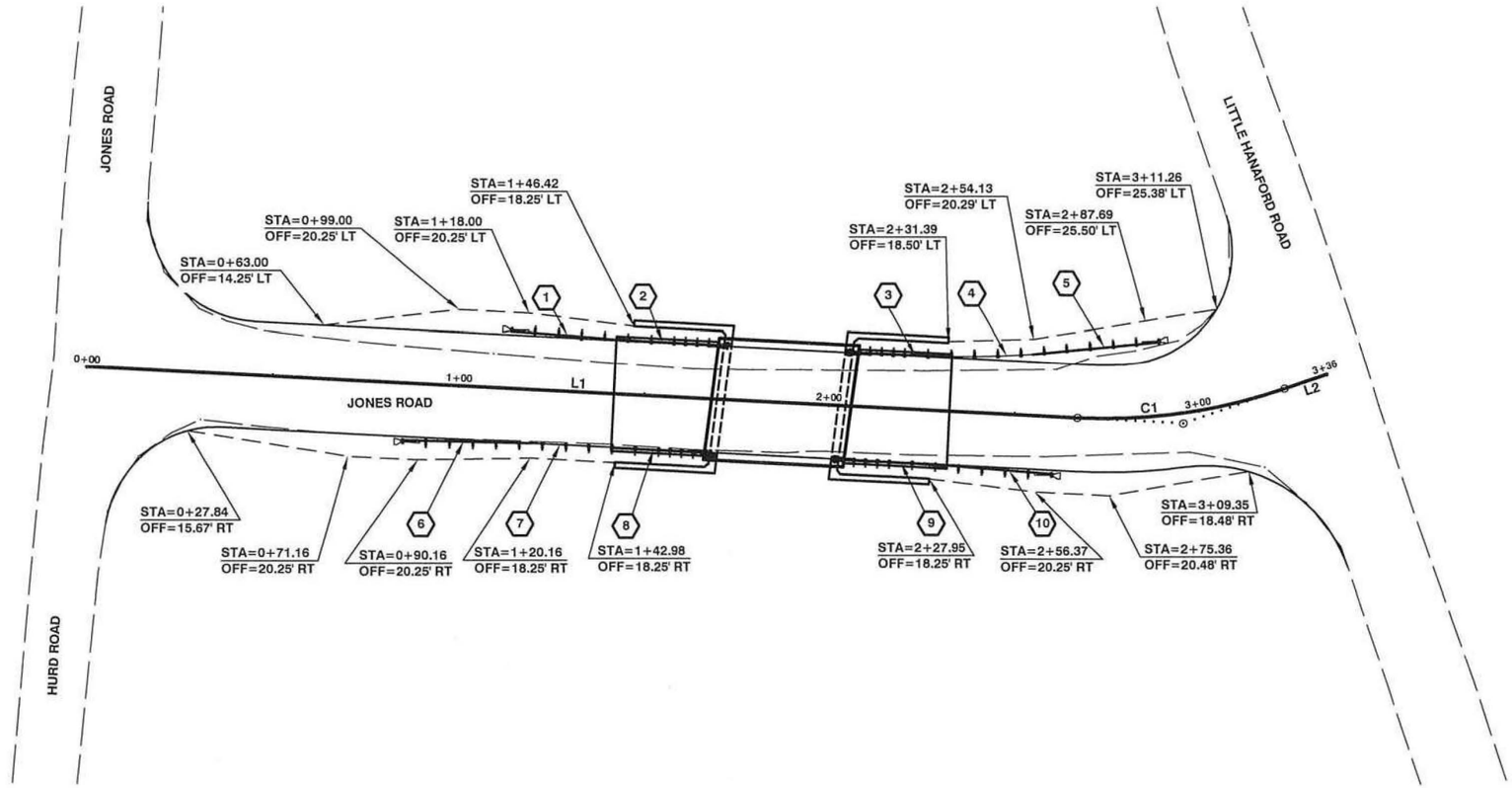
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TWP 14 N RGE 1 W W.M.



CONSTRUCTION NOTES:

1. STA 1+13.64, 15.25' LT TO STA 1+48.00, 14.25' LT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
2. STA 1+48.00, 14.25' LT TO STA 1+71.77, 14.51' LT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
3. STA 2+05.44, 14.51' LT TO STA 2+29.21, 14.42' LT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
4. STA 2+29.21, 14.42' LT TO STA 2+54.13, 16.29' LT
   25.00 L.F. BEAM GUARDRAIL TYPE 31
   SEE WSDOT STANDARD PLAN C-20.10
5. STA 2+54.13, 16.29' LT TO STA 2+91.41, 19.55' LT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
6. STA 0+85.80, 15.25' RT TO STA 1+20.16, 14.25' RT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
7. STA 1+20.16, 14.25' RT TO STA 1+45.16, 14.25' RT
   25.00 L.F. BEAM GUARDRAIL TYPE 31
   SEE WSDOT STANDARD PLAN C-20.10
8. STA 1+45.16, 14.25' RT TO STA 1+68.93, 14.51' RT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
9. STA 2+02.59, 14.51' RT TO STA 2+26.37, 14.25' RT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
10. STA 2+26.37, 14.25' RT TO STA 2+60.73, 15.25' RT
    1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
    SEE WSDOT STANDARD PLAN C-22.45

20 0 20 40 60

HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

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GUARDRAIL PLAN & DETAILS

SHEET 13 OF 19

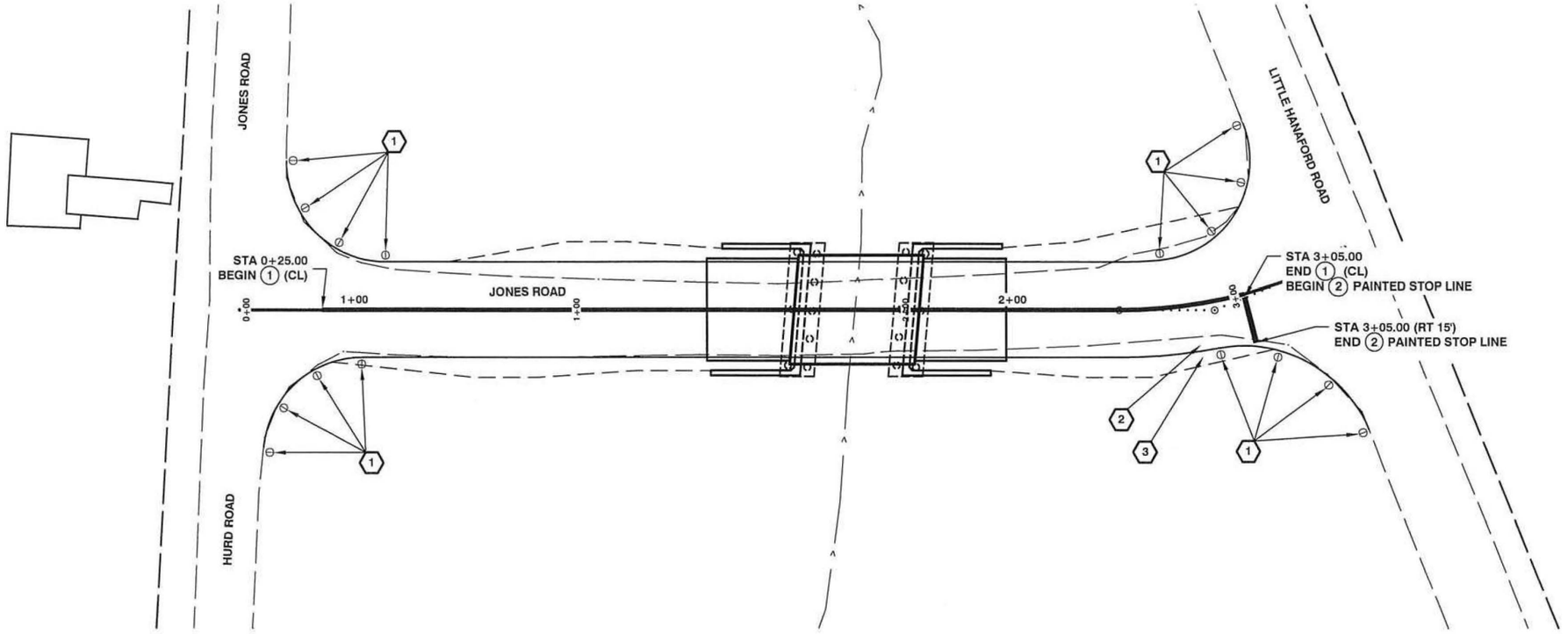
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TWP. 14 N. RGE 1 W.W.M.



CHANNELIZATION LEGEND

(1) 280 L.F. PAINT LINE - DOUBLE YELLOW CENTER LINE PER WSDOT STANDARD PLAN M20.10

(2) 15 L.F. PAINTED STOPLINE PER WSDOT STANDARD PLAN M-24.60

CONSTRUCTION NOTES:

(1) 4 EACH (16 TOTAL) FLEXIBLE GUIDEPOST TYPE WW SEE WSDOT STANDARD PLAN M-40.30

(2) APPROXIMATE LOCATION OF EXISTING STOP SIGN TO BE REMOVED AND RESET

(3) STA 2+90, 16.00' RT RE-INSTALL STOP SIGN

LEGEND

DOUBLE YELLOW CENTER LINE

PAINTED STOPLINE

FLEXIBLE GUIDEPOST

(1) CONSTRUCTION NOTE

(3) STOP (30"X30") R1-1

0 20' 40'

HORIZONTAL: 1" = 20'
SCALE IS FOR FULL SIZE SHEETS

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
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PAVING/PAVING MARKING/SIGNAGE

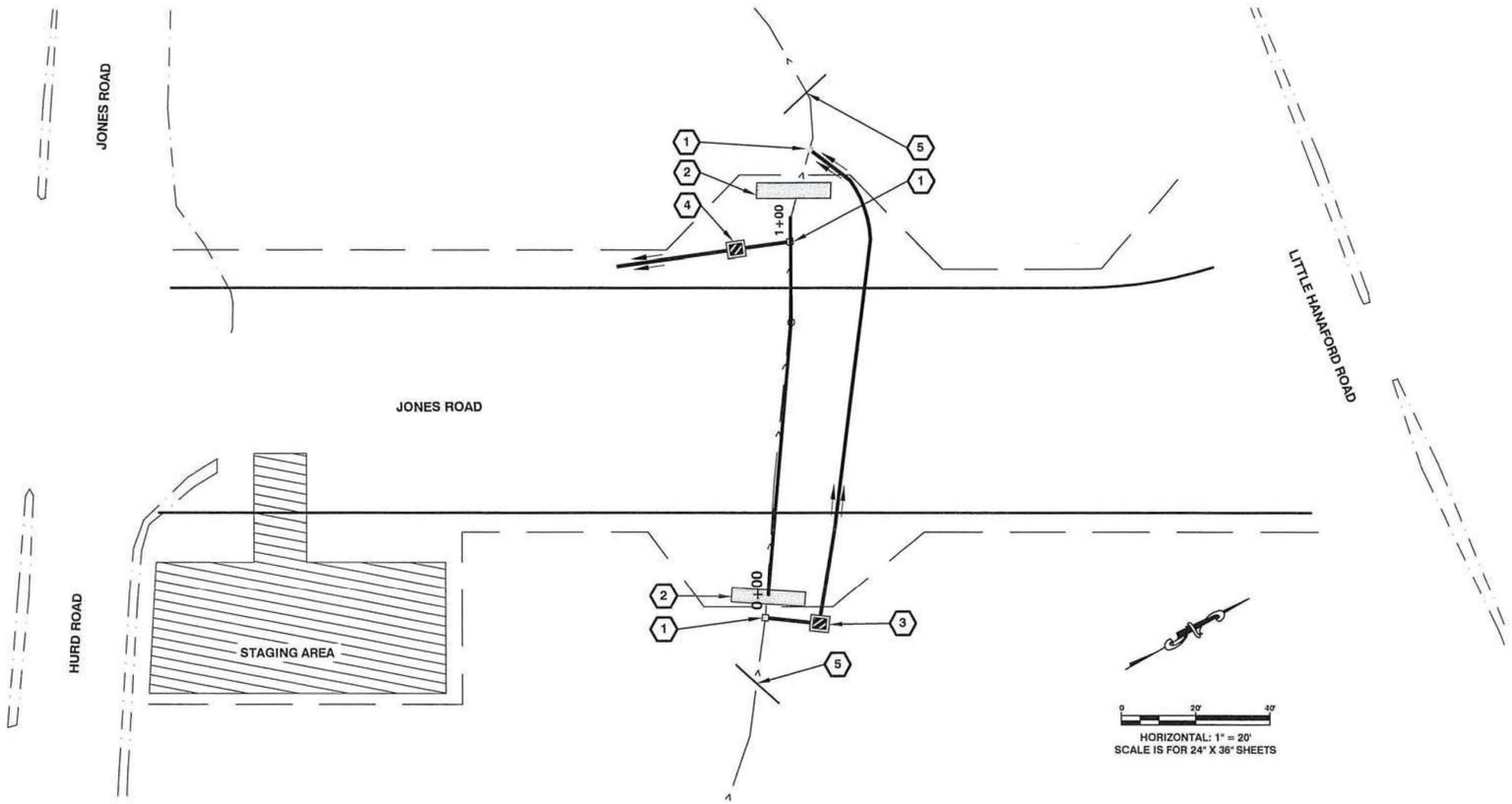
SHEET 14 OF 19

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S:\Engineer\Design\JONES ROAD MP 1.71 SM21F171900171\DRAWINGS\DESIGN DRAWINGS\JONES ROAD MP 1.71 PAVING - PAVING MAKING - SIGNAGE - GUARDRAIL PLAN.dwg 6/30/2025 2:48 PM

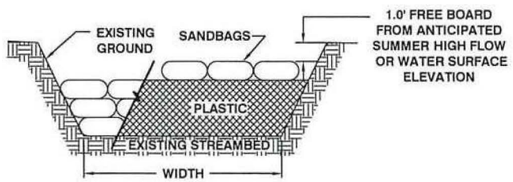
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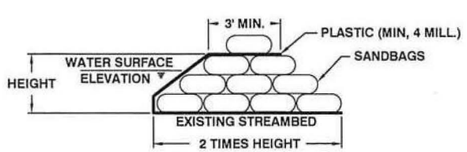
CONSTRUCTION NOTES

1. PUMP INTAKE SCREEN OVER ALL INTAKE AND OUTLET HOSES PER WDFW REQUIREMENTS
2. INSTALL COFFER DAM PER DETAILS ON THIS SHEET
3. INSTALL SPILL CONTAINED PUMP SYSTEM FOR STREAM BYPASS
4. INSTALL SPILL CONTAINED PUMP SYSTEM FOR DEWATERING, PUMP WORK WATER TO AN UPLAND AREA A MINIMUM OF 100' FROM A WATERBODY TO FLOW AWAY FROM PROJECT
5. FISH DIVERSION SCREEN UPSTREAM OF BYPASS INTAKE AND DOWNSTREAM OF BYPASS OUTLET PER HPA PROVISIONS, INSTALL 45 DEGREES TO WATERLINE OF STREAM



NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

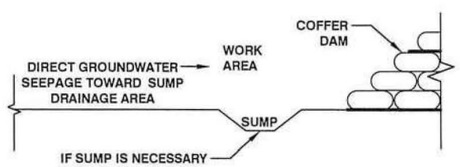
FRONT VIEW



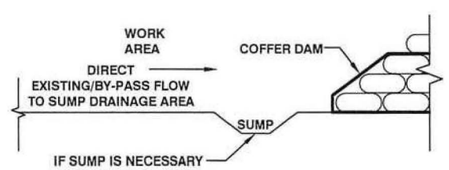
NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

SIDE VIEW

COFFER DAM TYPICAL DETAIL
NOT TO SCALE



UPSTREAM DEWATERING AREA SUMP DETAIL
NOT TO SCALE



DOWNSTREAM DEWATERING BY-PASS SUMP DETAIL
NOT TO SCALE

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DEWATERING PLAN

SHEET 15 OF 19

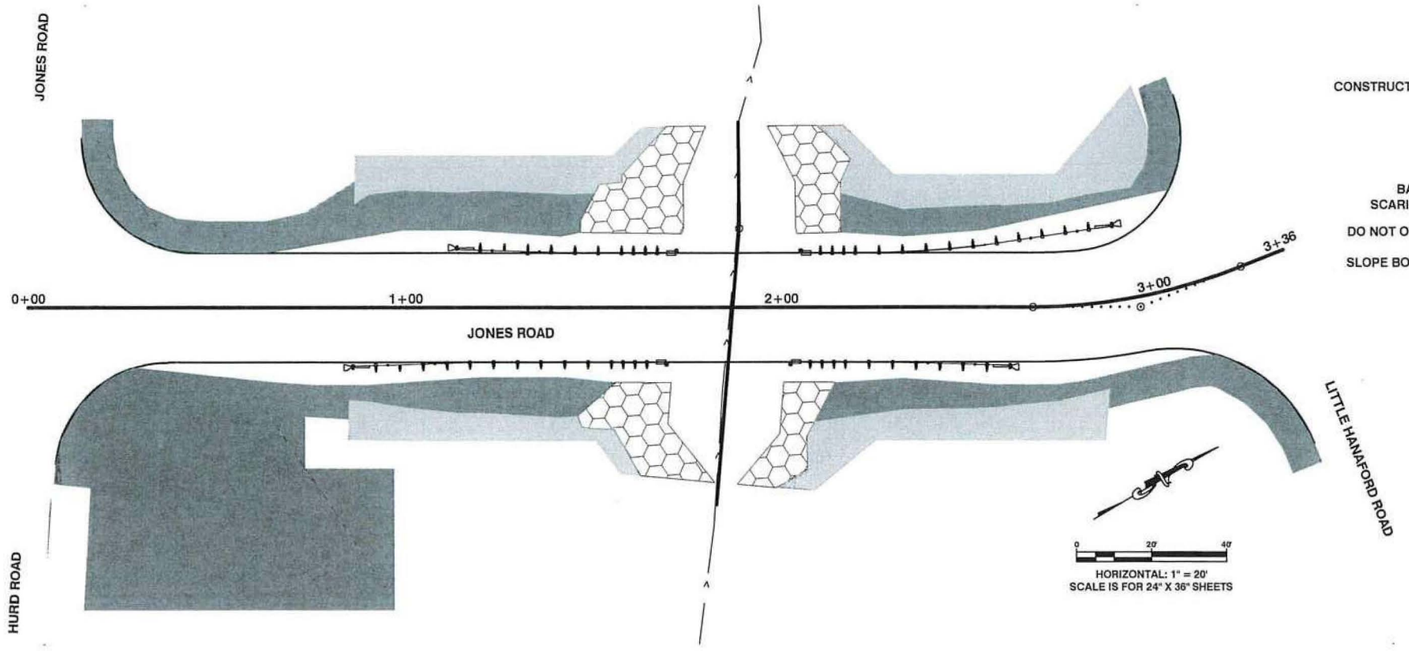
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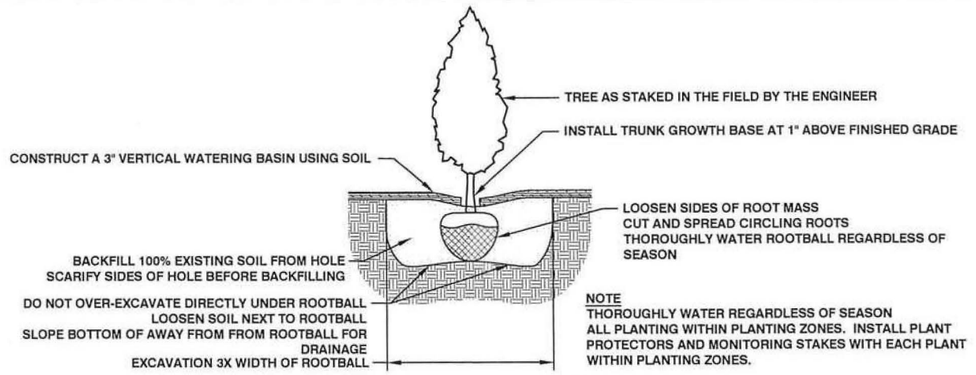
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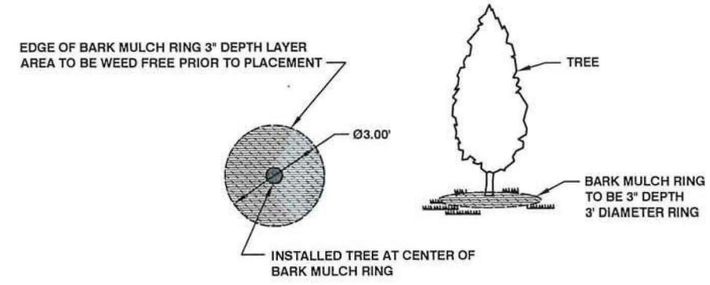
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TWP 14 N RGE 1 W W.M.





CONTAINER PLANTING DETAIL
NOT TO SCALE



BARK MULCH RING DETAIL
NOT TO SCALE

PLANTING PLAN

PLANTING ZONE	SCIENTIFIC NAME	COMMON NAME	TYPE	SIZE OF PLANTS (MATERIAL)	PLANTING DENSITY (SPACING)	PROPORTION OF PLANTING IN STRATA (%)	NUMBER OF PLANTS
Stream Bank Planting Zone Area 1718 s.f.	*Frangula purshiana*	Cascara	T	2 gallon container	12' on-center	100	12
	Cornus sericea	Red Osier Dogwood	S	6' Live Stake	5' on-center	35	20
	Salix geyeriana	Geyer Willow	S	6' Live Stake	5' on-center	20	11
	Salix sitchensis	Sitka Willow	S	6' Live Stake	5' on-center	35	20
	Salix lucida	Pacific Willow	S	6' Live Stake	5' on-center	10	6
Upland Riparian Planting Zone Area 3140 s.f.	*Fraxinus latifolia*	Oregon Ash	T	2 gallon container	12' on-center	30	7
	Pseudotsuga menziesii	Douglas Fir	T	2 gallon container	12' on-center	40	9
	Acer macrophyllum	Big-Leaf Maple	T	2 gallon container	12' on-center	30	7
	Acer circiniatum	Vine Maple	S	1 gallon container	5' on-center	35	36
	Oemleria cerasiformis	Indian Plum	S	1 gallon container	5' on-center	25	26
	Rubus spectablis	Salmonberry	S	1 gallon container	5' on-center	5	5
	Symphoricarpos albus	Common Snowberry	S	1 gallon container	5' on-center	35	36

PLANTING NOTES:

ALL DISTURBED AREAS WITHIN CLEAR AND GRUB LIMITS SHALL BE HYDRO-SEEDED WITH ROADSIDE SEED MIX AT 80 LBS/AC.

ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK. CONTAINER PLANT MATERIAL SHALL BE WELL-ROOTED IN POT.

PLANTING AREAS SHALL BE STAKED BY CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO PLANTING.

NO PLANT MATERIAL SHALL BE PLANTED UNTIL IT HAS BEEN INSPECTED AND APPROVED FOR PLANTING BY THE ENGINEER PER STANDARD SPECIFICATION 8-02.3(8).

PLANT MATERIAL SHALL BE STORED AND HANDLED PER SECTION 8-02.3(8) AND 9-14.7(3) OF THE STANDARD AND SPECIAL PROVISIONS.

PLANT MATERIAL SHALL BE INSTALLED PER SECTION 8-02.3(8) OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

PLANTS TO BE RANDOMLY MIXED WITHIN DESIGNATED PLANT GROUPS AS APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE.

LEGEND

- HYDROSEED ONLY (8,380 SQ. FT.)
- STREAM BANK PLANTING (1,718 SQ. FT.)
- UPLAND PLANTING AND SEEDING AREA (3,140 SQ. FT.)

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SPECIAL MAINTENANCE PROJECT NO:
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PLANTING PLAN

SHEET 16 OF 19

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NOTES

1. ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. TWO FLASHING WARNING LIGHTS (TYPE A, MUTCD) SHALL BE USED TO MARK EACH BARRICADE AT NIGHT.

CONSTRUCTION NOTES

(1) SIGN MOUNTED ON TYPE III BARRICADE

(2) SIGN 8 SHALL BE INSTALLED 9 CALENDAR DAYS PRIOR TO PLANNED CLOSURE OF JONES ROAD.

(1) ROAD WORK AHEAD
(48"X48")
W20-1

(2) ROAD CLOSED 1000 FT
(48"X48")
W20-3

(3) ROAD CLOSED 500 FT
(48"X48")
W20-3

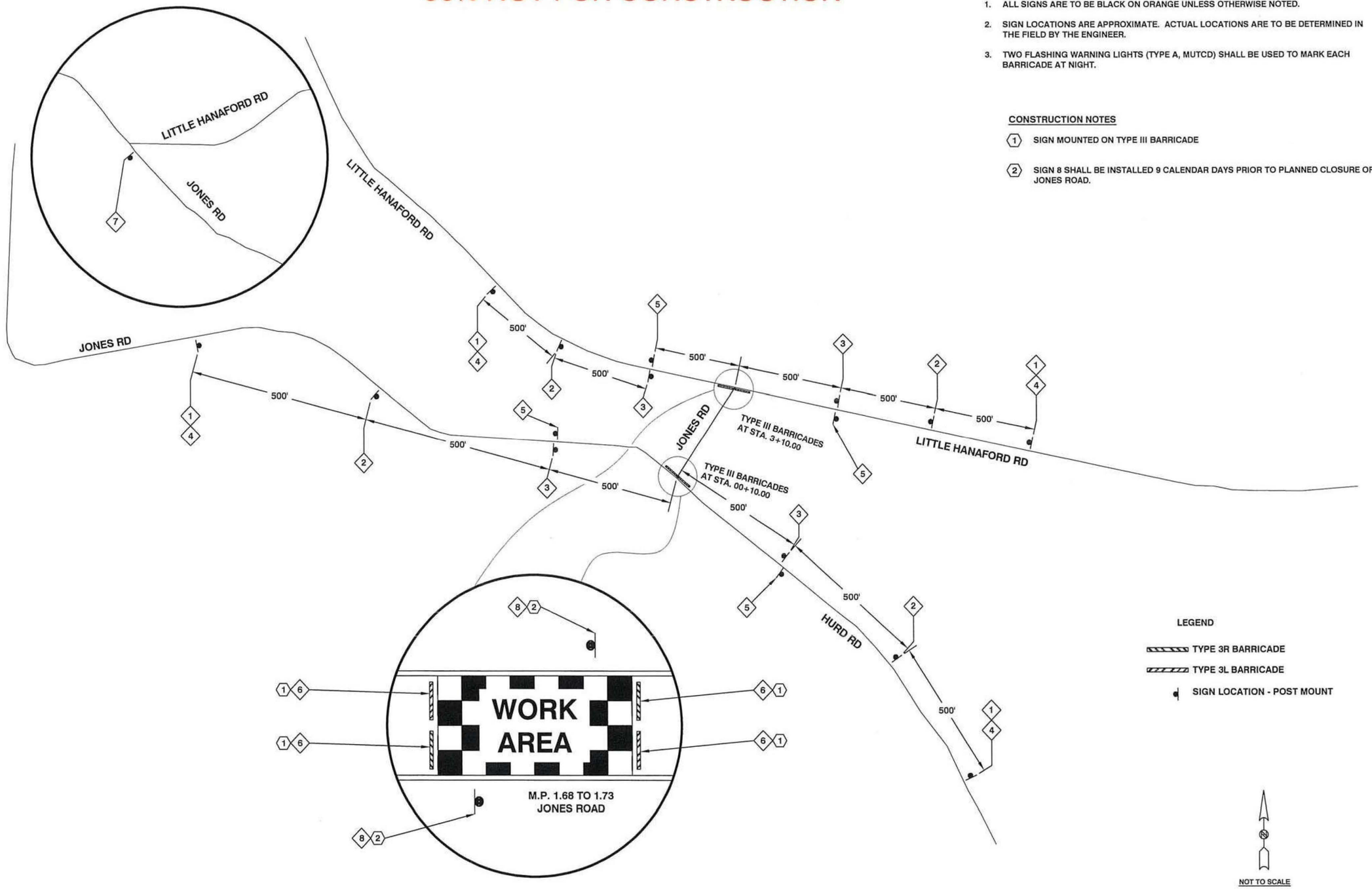
(4) 25 LIMIT SPEED
B/W
(24"X30")
R2-1

(5) END ROAD WORK
(36"X18")
G20-2

(6) ROAD CLOSED
B/W
(48"X30")
R11-2

(7) JONES ROAD CLOSED AT M.P. 1.71
(60"X30")
B/W

(8) THIS ROAD WILL BE CLOSED MO DA MO DA
(30" x 36")
B/W



LEGEND

- TYPE 3R BARRICADE
- TYPE 3L BARRICADE
- SIGN LOCATION - POST MOUNT

NOT TO SCALE

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CONSTRUCTION SIGNS CLASS A

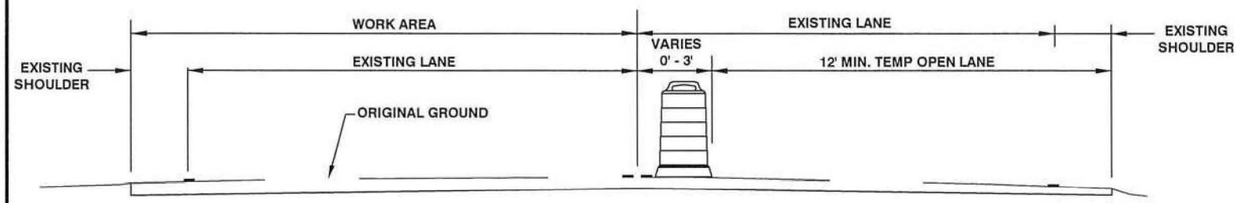
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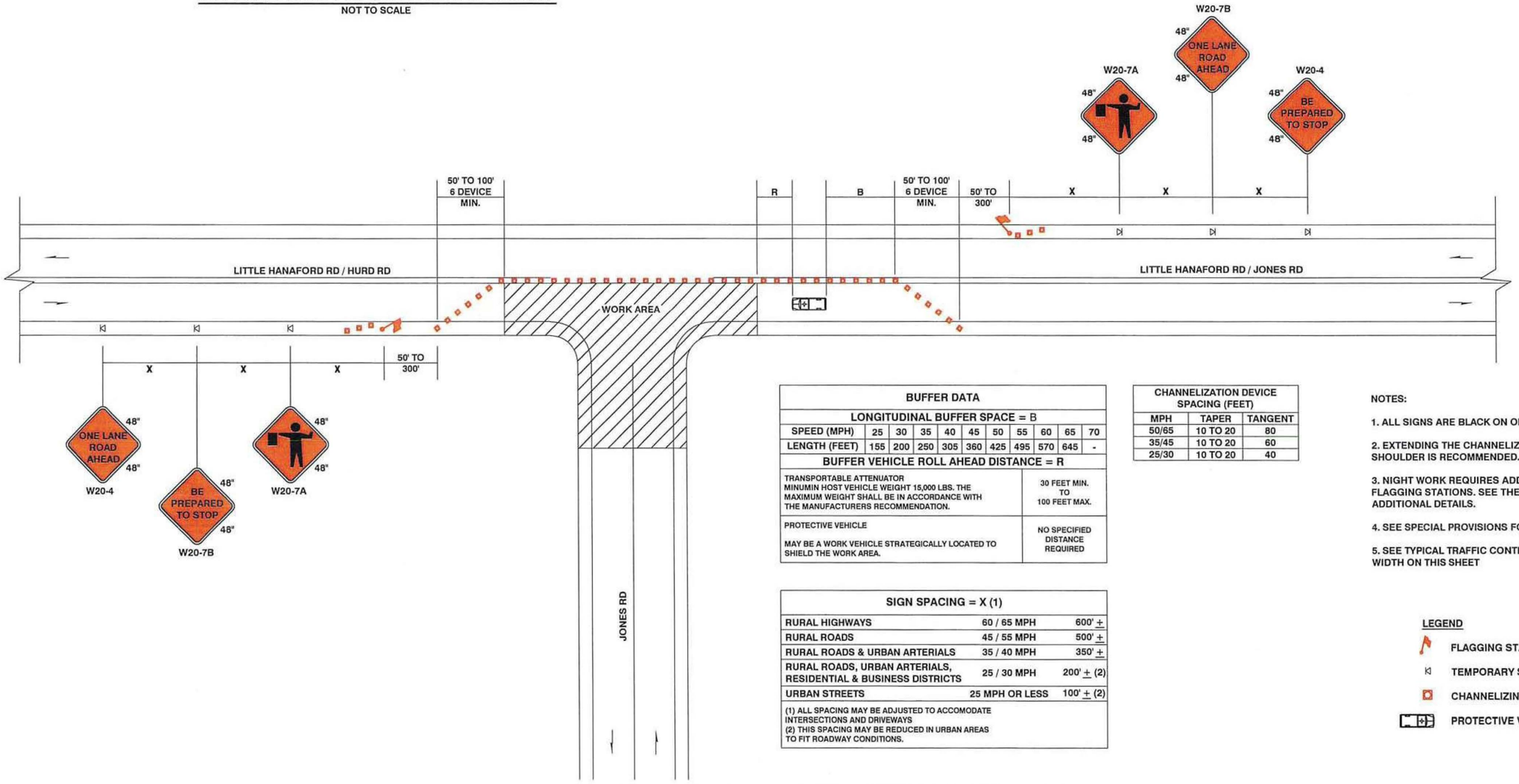
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TYPICAL TRAFFIC CONTROL SECTION

NOT TO SCALE



BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	-
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR MINUMIN HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.										30 FEET MIN. TO 100 FEET MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.										NO SPECIFIED DISTANCE REQUIRED

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	600' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMODATE INTERSECTIONS AND DRIVEWAYS (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

NOTES:

1. ALL SIGNS ARE BLACK ON ORANGE.
2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
5. SEE TYPICAL TRAFFIC CONTROL SECTION FOR MINIMUM LANE WIDTH ON THIS SHEET

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE

ONE-LANE, TWO WAY TRAFFIC CONTROL WITH FLAGGERS

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Department of Public Works
57 WEST MAIN ST.
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GENERAL TRAFFIC CONTROL PLAN

SHEET 18 OF 19

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BRIDGE SHEET INDEX

SHEET NO.	DESCRIPTION
B01	BRIDGE PLAN AND ELEVATION
B02	GENERAL NOTES, BRIDGE SECTION AND PROFILE
B03	SUPERSTRUCTURE CONSTRUCTION SEQUENCE
B04	FOUNDATION LAYOUT
B05	STEEL PIPE PILE DETAILS
B06	PIER 1 AND 2 PLAN AND ELEVATION
B07	PIER DETAILS 1 OF 3
B08	PIER DETAILS 2 OF 3
B09	PIER DETAILS 3 OF 3
B10	FRAMING PLAN
B11	PRESTRESSED SLAB GIRDER DETAILS 1 OF 3
B12	PRESTRESSED SLAB GIRDER DETAILS 2 OF 3
B13	PRESTRESSED SLAB GIRDER DETAILS 3 OF 3
B14	END DIAPHRAGM DETAILS
B15	DECK REINFORCING - TYPICAL SECTION
B16	DECK REINFORCING PLAN
B17	BRIDGE APPROACH SLAB LAYOUT
B18	BRIDGE APPROACH SLAB DETAILS
B19	BRIDGE RAILING DETAILS 1 OF 2
B20	BRIDGE RAILING DETAILS 2 OF 2
B21	BARLIST 1 OF 2
B22	BARLIST 2 OF 2

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BRIDGE SHEET INDEX

SHEET 19 OF 19

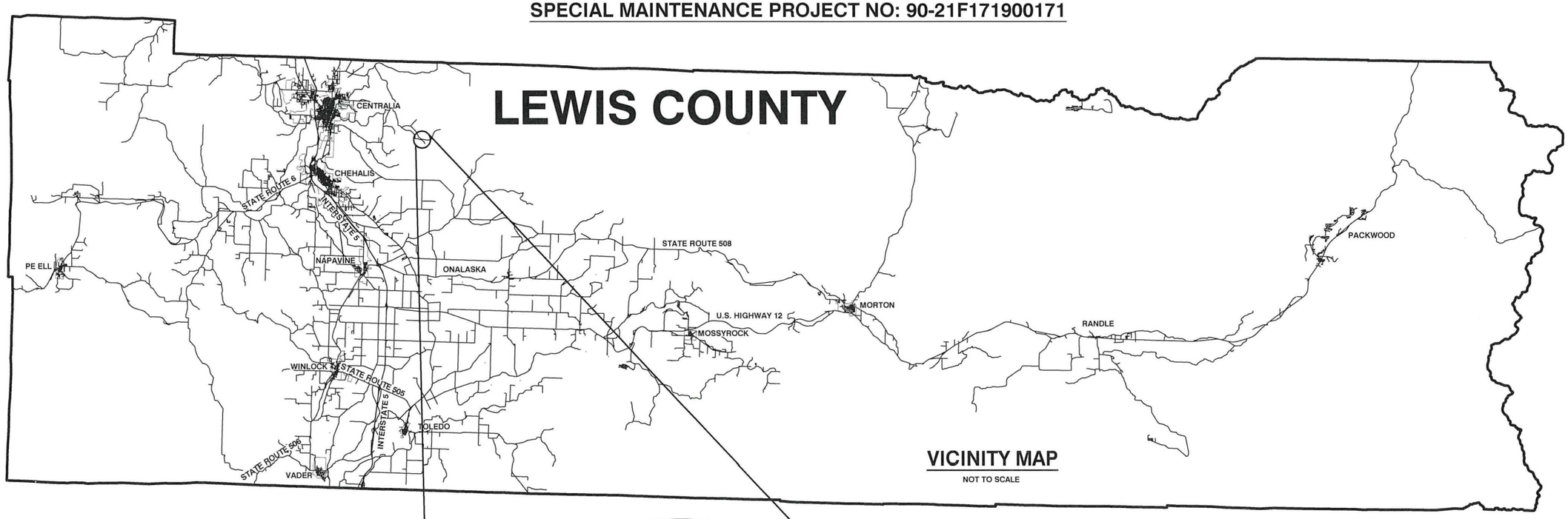
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APPENDIX G

CONTRACT PLANS

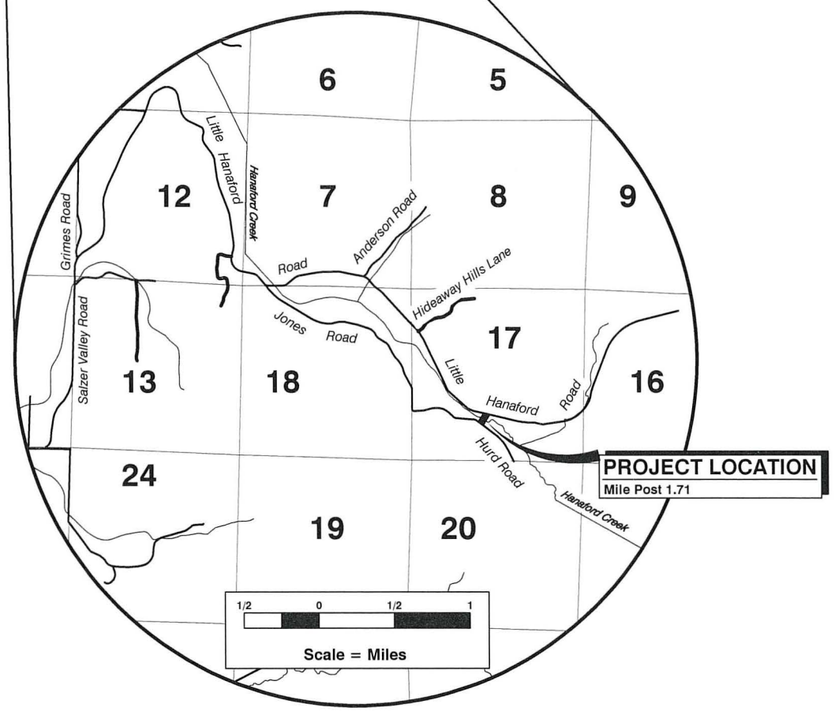
JONES ROAD MP 1.71 CULVERT REPLACEMENT

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VICINITY MAP

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LEWIS COUNTY
DEPARTMENT OF PUBLIC WORKS
APPROVED FOR CONSTRUCTION:

Assistant County Engineer — Date 10/29/26

M. VINCENT HALL — STATE OF WASHINGTON — #40730 — REGISTERED PROFESSIONAL ENGINEER

COMMISSIONERS:

SEAN D. SWOPE, DISTRICT 1
LINDSEY R. POLLOCK, DVM, DISTRICT 2
SCOTT J. BRUMMER, DISTRICT 3

Lewis County
Department of Public Works

ENGINEERING-DESIGN SECTION

SHEET INDEX

SHEET NO.	DESCRIPTION
1	VICINITY MAP AND SHEET INDEX
2	LEGEND
3	SUMMARY OF QUANTITIES
4	ROADWAY TYPICAL SECTION
5	SITE PREPARATION/UTILITY/TESC PLAN
6	ROADWAY PLAN AND PROFILE
7-8	SF HANAFORD CREEK TYPICAL SECTION
9	SF HANAFORD CREEK PLAN AND PROFILE
10-11	SF HANAFORD CREEK DETAILS
12	EXCAVATION PLAN AND PROFILE
13	GUARDRAIL PLAN
14	PAVING/PAVING MARKING/SIGNAGE
15-16	DEWATERING PLAN
17	TESC PLAN/PLANTING PLAN
18-19	CONSTRUCTION SIGNS CLASS A
20	BRIDGE INDEX
B01-B22	STRUCTURAL/BRIDGE PLANS
C01-C10	CITY OF CENTRALIA WATER RELOCATION
R1	RIGHT OF WAY MAP

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LEGEND

EXISTING FEATURES

- UTILITY POLE
- GUY WIRE
- SIGN
- TELEPHONE RISER (TR)
- MAILBOX (MB)
- FIRE HYDRANT
- GUY POLE (GP)
- WATER METER (WM)
- BUILDING
- CULVERT
- DITCH
- DRIVEWAY
- FENCE (X)
- EXISTING RW
- GATE (GATE)
- ROAD
- STREAM
- UG FIBER (FO)
- UG GAS (G)
- UG TELEPHONE (T)
- UG WATER (W)
- UTILITY OVERHEAD (OHU)

SURVEY FEATURES

- POINT OF CURVATURE
- POINT OF INTERSECTION
- POINT OF TANGENT
- RIGHT OF WAY
- PROPERTY LINE
- FLOWLINE

NEW CONSTRUCTION FEATURES

- CALLOUT (#)
- NEW CULVERT
- NEW GUARDRAIL
- WINGWALL
- DESIGN CENTERLINE
- AREA OF POTENTIAL EFFECT (APE)
- CLEAR & GRUB (CG)
- CULVERT
- CUT LINE (C)
- FLOWLINE
- FILL LINE (F)
- GUARDRAIL
- HIGH VISIBILITY SILT FENCE (HVS)
- TEMPORARY CONSTRUCTION EASEMENT
- NEW EDGE OF PAVEMENT

GENERAL NOTES

1. SURVEY HORIZONTAL DATUM; WASHINGTON STATE PLANE, SOUTH GRID, NAD 83/91
   VERTICAL DATUM: NAVD '88

Lewis County
Department of Public Works

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LEGEND

SHEET 2 OF 20

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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

ALBERT L SWANK
STATE OF WASHINGTON
21439742
REGISTERED
PROFESSIONAL ENGINEER

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
		PREPARATION		
1	1	MOBILIZATION	1	LUMP SUM
2	25	CLEARING AND GRUBBING	0.40	ACRE
3	S.P.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LUMP SUM
		GRADING		
4	310	ROADWAY EXCAVATION INCL. HAUL	215	C.Y.
5	431	GRAVEL BORROW INCL. HAUL	800	TON
		DRAINAGE		
6	S.P.	STREAMBED MIX	595	TON
7	1030	DITCH EXCAVATION INCL. HAUL	370	C.Y.
8	1292	CL. V REINF. CONC. CULV. PIPE 18 IN. DIAM.	48	L.F.
9	3075	TEMPORARY STREAM DIVERSION	1	LUMP SUM
		STRUCTURE		
10	4006	STRUCTURE EXCAVATION CLASS A INCL. HAUL	1025	C.Y.
11	4013	SHORING OR EXTRA EXCAVATION CL. A	1	LUMP SUM
12	4025	GRAVEL BACKFILL FOR WALL	265	C.Y.
13	4090	FURNISHING ST. PILING	1000	L.F.
14	4095	DRIVING ST. PILE	16	EACH
15	4149	ST. REINF. BAR FOR BRIDGE	40,050	LB.
16	7037	STRUCTURE SURVEYING	1	LUMP SUM
17	4300	SUPERSTRUCTURE--JONES RD BRIDGE MP 1.71	1	LUMP SUM
18	4322	CONC. CLASS 4000 FOR BRIDGE	285	C.Y.
19	4415	TRAFFIC BARRIER	80	L.F.
20	5656	BRIDGE APPROACH SLAB	180	S.Y.
		SURFACING		
21	5100	CRUSHED SURFACING BASE COURSE	760	TON
22	5120	CRUSHED SURFACING TOP COURSE	260	TON
23	S.P.	SHOULDER FINISHING	0.12	MILE
		HOT MIX ASPHALT		
24	5766	HMA CL. 3/8 IN. PG 58H-22	195	TON

SUMMARY OF QUANTITIES				
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
		EROSION CONTROL AND ROADSIDE PLANTING		
25	6403	ESC LEAD	25	DAY
26	6422	SEEDING AND MULCHING	0.27	ACRE
27	6455	EROSION CONTROL BLANKET	125	S.Y.
28	6468	STABILIZED CONSTRUCTION ENTRANCE	20	S.Y.
29	6490	EROSION/WATER POLLUTION CONTROL	1	EST.
30	6579	BARK OR WOOD CHIP MULCH	0.07	ACRE
31	6635	HIGH VISIBILITY SILT FENCE	860	L.F.
32	S.P.	PLANTING MITIGATION CONSTRUCTION	1	LUMP SUM
33	S.P.	LARGE WOODY DEBRIS	2	EACH
34	S.P.	BALLAST BOULDERS	4	EACH
		TRAFFIC		
35	6719	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	4	EACH
36	6727	EXTRUDED CURB	105	L.F.
37	6757	BEAM GUARDRAIL TYPE 31	50	L.F.
38	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 24	4	EACH
39	6806	PAINT LINE	280	L.F.
40	6832	FLEXIBLE GUIDE POST	16	EACH
41	6858	PAINTED STOP LINE	15	L.F.
42	6971	PROJECT TEMPORARY TRAFFIC CONTROL	1	LUMP SUM
43	6982	CONSTRUCTION SIGNS CLASS A	297	S.F.
		OTHER ITEMS		
44	7490	TRIMMING AND CLEANUP	1	LUMP SUM
45	7530	CONSTRUCTION GEOTEXTILE FOR SEPARATION	315	S.Y.
46	7725	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST.
47	S.P.	MINOR CHANGE	1	CALC.
48	7736	SPCC PLAN	1	LUMP SUM

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : PAT
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

SUMMARY OF QUANTITIES

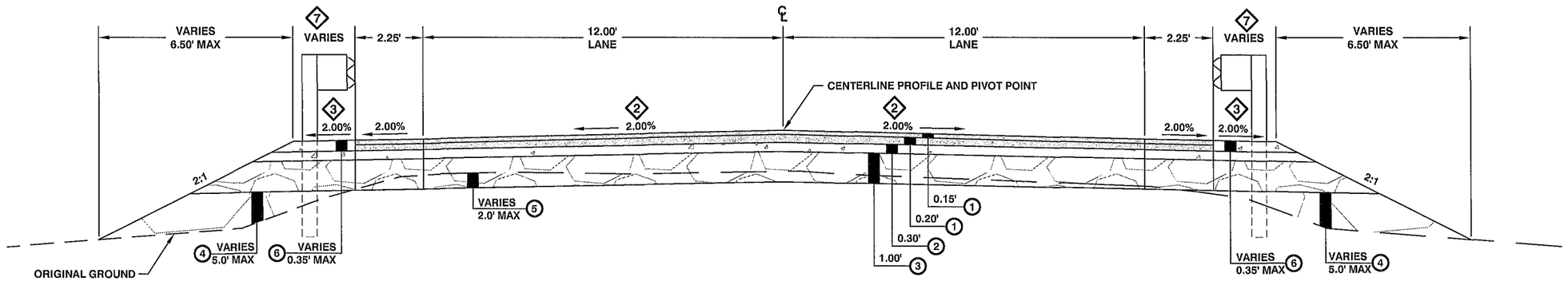
SHEET 3 OF 20

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Albert L Swank, P.E.
Senior Engineer/Design
Date: 11/2/26

ALBERT L SWANK
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

11/2/2026 11:45 AM
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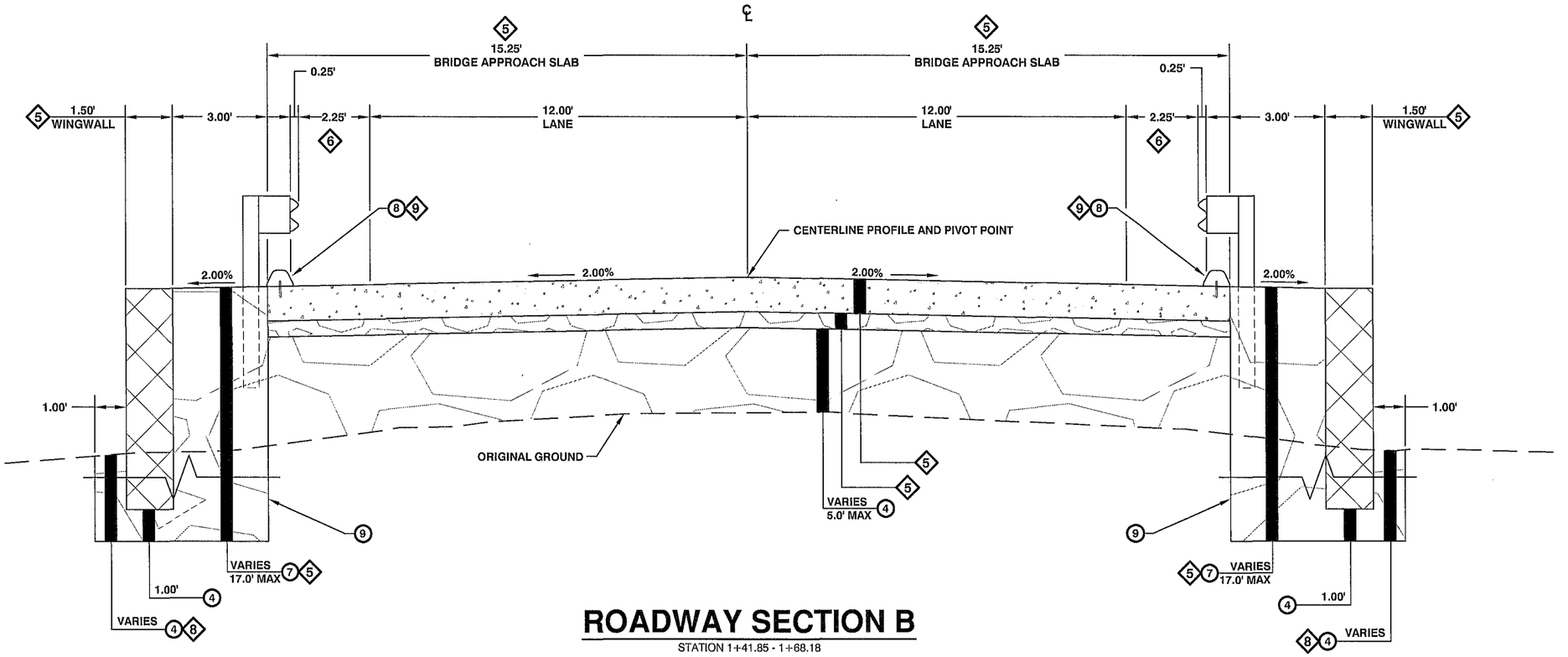


ROADWAY SECTION A

STATION 0+00.00 - 1+41.85
STATION 2+32.52 - 3+23.86
NOT TO SCALE

CONSTRUCTION NOTES:

1. ALL DISTANCES CALLED OUT VARY WITHIN TRANSITION LIMITS
2. CROSS SLOPES VARY WITHIN TRANSITION LIMITS
3. SLOPES WILL VARY IN SOME LOCATIONS
4. ALL DEPTHS ARE COMPACTED DEPTH
5. SEE BRIDGE PLAN SHEETS B01 - B22 FOR MORE DETAILS
6. FOR GUARDRAIL LAYOUT AND DETAILS SEE SHEET 13
7. SEE SHEET 13 FOR GUARDRAIL LOCATIONS
8. BACKFILL WINGWALL FACE TO 20% WALL HEIGHT OR MATCH EXISTING GROUND, WHICHEVER IS GREATER SEE WSDOT STANDARD PLAN D-20.10
9. FOR EXTRUDED CURB PLACEMENT AND DETAILS SEE BRIDGE PLAN SHEET B13



NOTES

1. HMA CL. 3/8" IN. PG 58H-22
2. CRUSHED SURFACING TOP COURSE
3. CRUSHED SURFACING BASE COURSE
4. GRAVEL BORROW INCL. HAUL
5. ROADWAY EXCAVATION INCL. HAUL
6. SHOULDER FINISHING (CRUSHED SURFACING TOP COURSE)
7. GRAVEL BACKFILL FOR WALL
8. EXTRUDED CURB
9. STRUCTURE EXCAVATION CLASS A INCL. HAUL

ROADWAY SECTION B

STATION 1+41.85 - 1+68.18
STATION 2+06.18 - 2+32.52
NOT TO SCALE

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

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JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

ROADWAY TYPICAL SECTION

SHEET 4 OF 20

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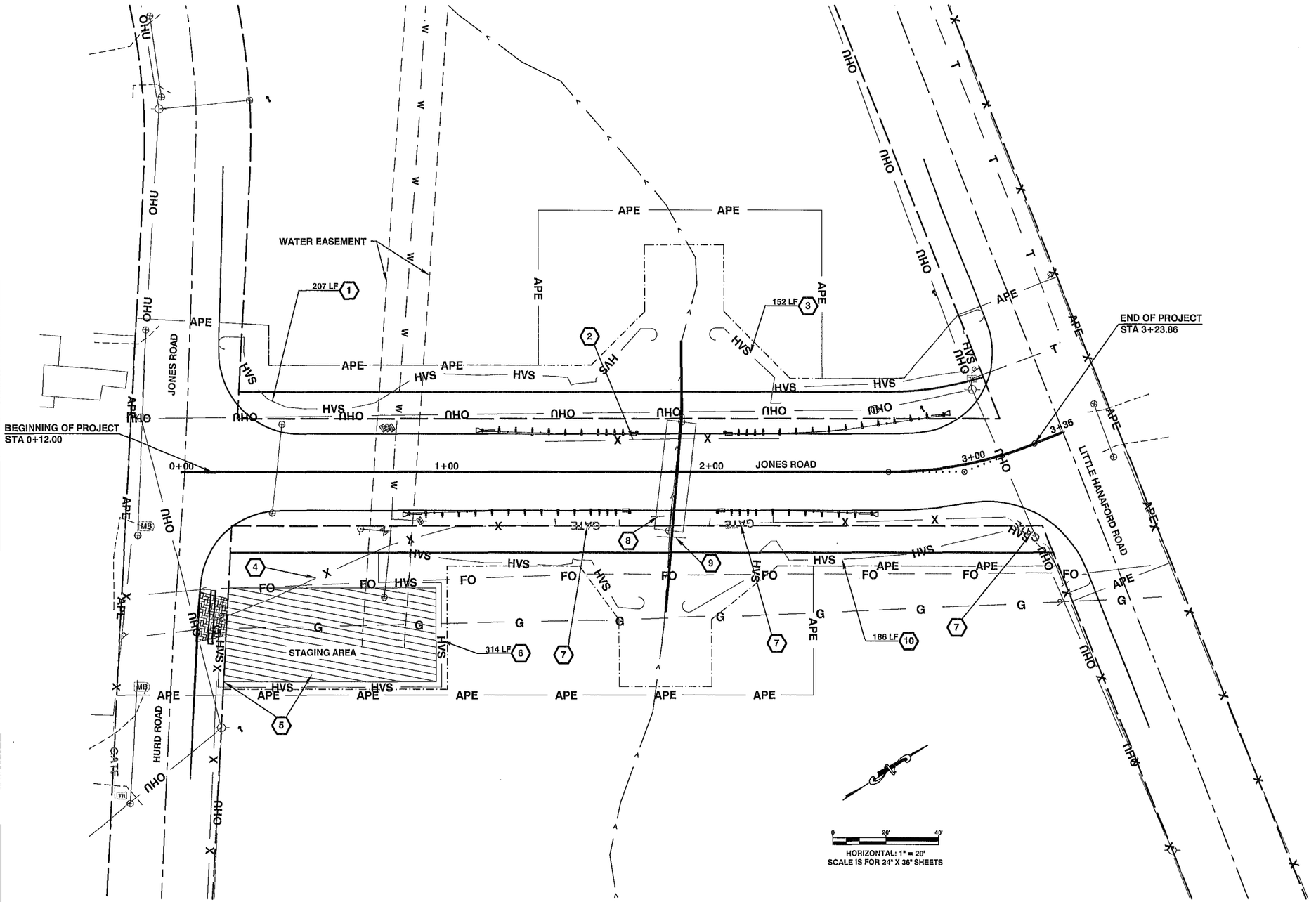
Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

STATE OF WASHINGTON ALBERT L SWANK #9397 REGISTERED PROFESSIONAL ENGINEER

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TWP 14 N RGE 1 W W.M.



CONSTRUCTION NOTES:

1. 207 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
2. STA 1+37.23; 11.41' LT - 2+25.86; 12.54' LT
   89.00 L.F. EXISTING BARB WIRE FENCE TO BE REMOVED
3. 152 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
4. STA 0+14.10; 54.87' RT - 3+16.20; 37.76' RT
   263 L.F. EXISTING BARB WIRE FENCE TO BE REMOVED
5. ENGINEER TO VERIFY IN FIELD
   STAGING AREA AT PARCEL# 020602003000
   315 S.Y. CONSTRUCTION GEOTEXTILE FOR SEPARATION
   0.07 ACRE BARK OR WOOD CHIP MULCH
   20 S.Y. STABILIZED CONSTRUCTION ENTRANCE WITH TEMPORARY 18" CORRUGATED HDPE PIPE
6. 314 L.F. HIGH VISIBILITY SILT FENCE
   INSTALL PER WSDOT STANDARD PLAN I-10.10
7. FIELD ACCESS GATES TO BE REMOVED
8. PARTIALLY REMOVE EXISTING 2" WATERLINE WITHIN PROJECT LIMITS. CONTRACTOR TO COORDINATE WITH LANDOWNER TO SHUT WATERLINE OFF BEFORE REMOVING LINE.
9. PARTIALLY REMOVE EXISTING 4" WATERLINE WITHIN PROJECT LIMITS. CONTRACTOR TO COORDINATE WITH LANDOWNER TO SHUT WATERLINE OFF BEFORE REMOVING LINE.
10. 186 L.F. HIGH VISIBILITY SILT FENCE
    INSTALL PER WSDOT STANDARD PLAN I-10.10
11. ALL UTILITIES & FENCING TO BE RELOCATED BY OTHERS

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Department of Public Works

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FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : PAT
CHECKED BY :
DATE :

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JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
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SITE PREPARATION/UTILITY/TESC PLAN

SHEET 5 OF 20

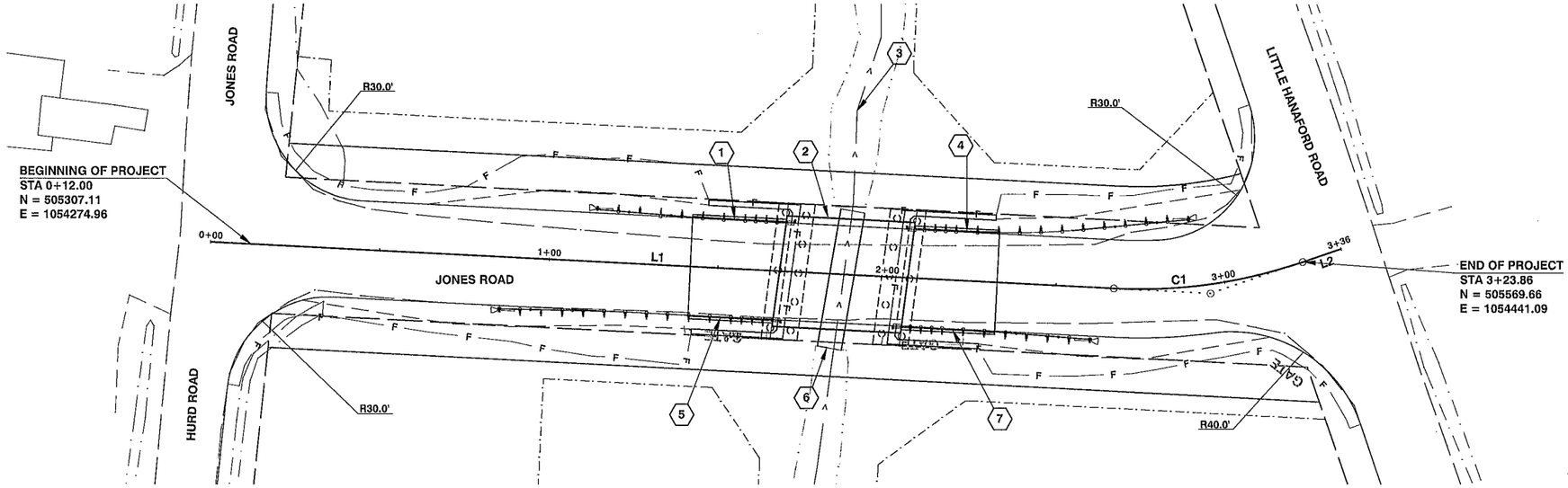
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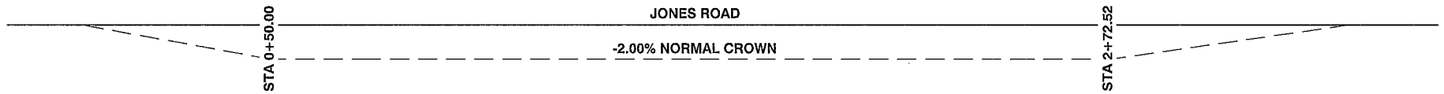
Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/29/26

STATE OF WASHINGTON
ALBERT L SWANK
21738
REGISTERED PROFESSIONAL ENGINEER

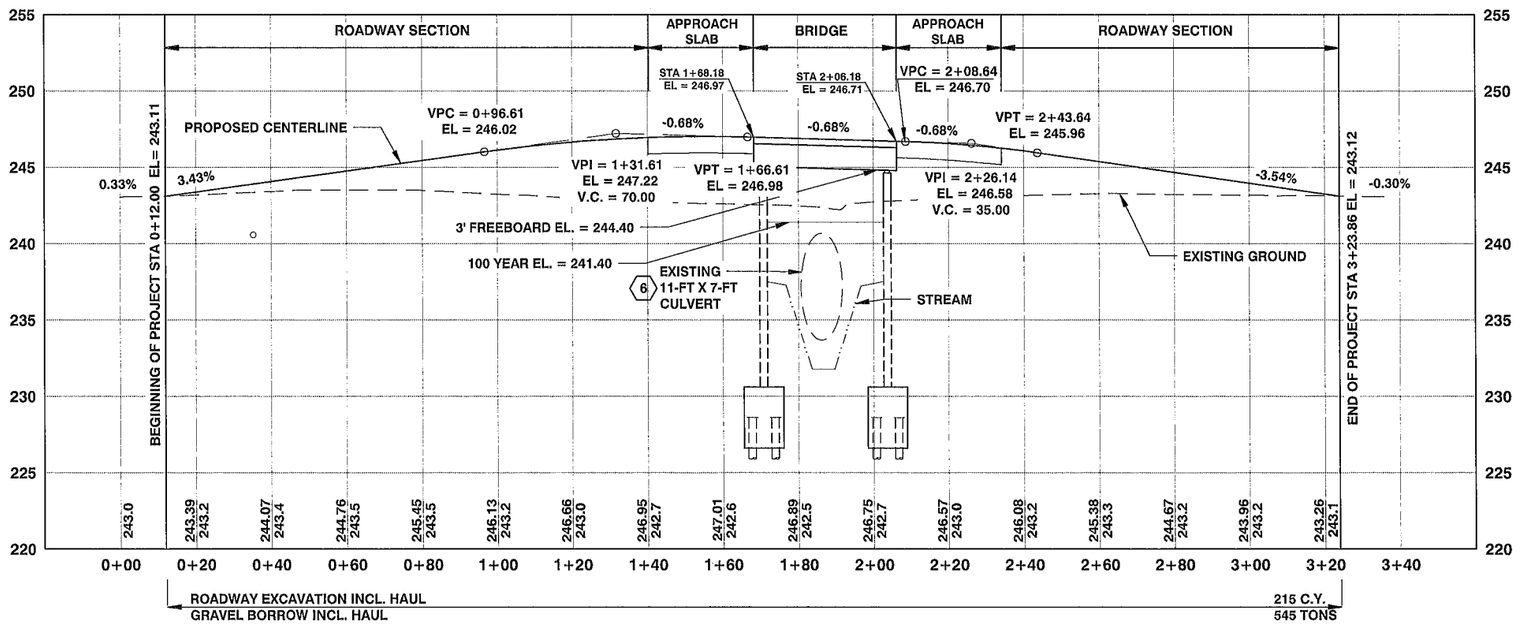
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TWP 14 N RGE 1 W W.M.



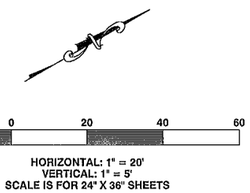


JONES RD CL



CONSTRUCTION NOTES:

1. STA 1+41.85 (14.68' LT) - 1+69.45 (14.50' LT)
   CONSTRUCT EXTRUDED CURB
   27.50 L.F. EXTRUDED CURB
   SEE DETAILS ON SHEETS B01 - B22
2. STA 1+41.85 - 2+32.52
   CONSTRUCT BRIDGE & BRIDGE APPROACH SLABS
   SEE DETAILS ON SHEETS B01 - B22
3. CONSTRUCT SF HANAFORD CREEK
   SEE DETAILS AND QUANTITIES ON SHEET 9
4. STA 2+07.45 (14.50' LT) -2+32.52 (14.79' LT)
   CONSTRUCT EXTRUDED CURB
   25 L.F. EXTRUDED CURB
   SEE DETAILS ON SHEETS B01 - B22
5. STA 1+41.85 (14.50' RT) - 1+66.91 (14.50' RT)
   CONSTRUCT EXTRUDED CURB
   25 L.F. EXTRUDED CURB
   SEE DETAILS ON SHEETS B01 - B22
6. STA 1+86.60
   REMOVE EXISTING 11' X 7' CMP CULVERT
7. STA 2+04.91 (14.50' RT) - 2+32.52 (14.68' RT)
   CONSTRUCT EXTRUDED CURB
   27.50 L.F. EXTRUDED CURB
   SEE DETAILS ON SHEETS B01 - B22
8. SEE SHEET 13 FOR GUARDRAIL LAYOUT AND PAVEMENT AND SHOULDER WIDTH TRANSITION LOCATIONS



JONES RD

Curve Table: Alignments

Curve #	Radius	Length	Tangent	Delta Angle	Degree Of Curve	P.C. Station	P.T. Station	PI Station
C1	150.00	56.77	28.73	021° 41' 02"	038° 11' 50"	2+67.05	3+23.81	2+95.77

JONES RD

Line Table: Alignments

Line #	Length	Direction	Begin Station	End Station
L1	267.05	N34°17'06"E	0+00.00	2+67.05
L2	11.98	N12°36'04"E	3+23.81	3+35.80

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 90-21F171900171

JONES ROAD PLAN & PROFILE

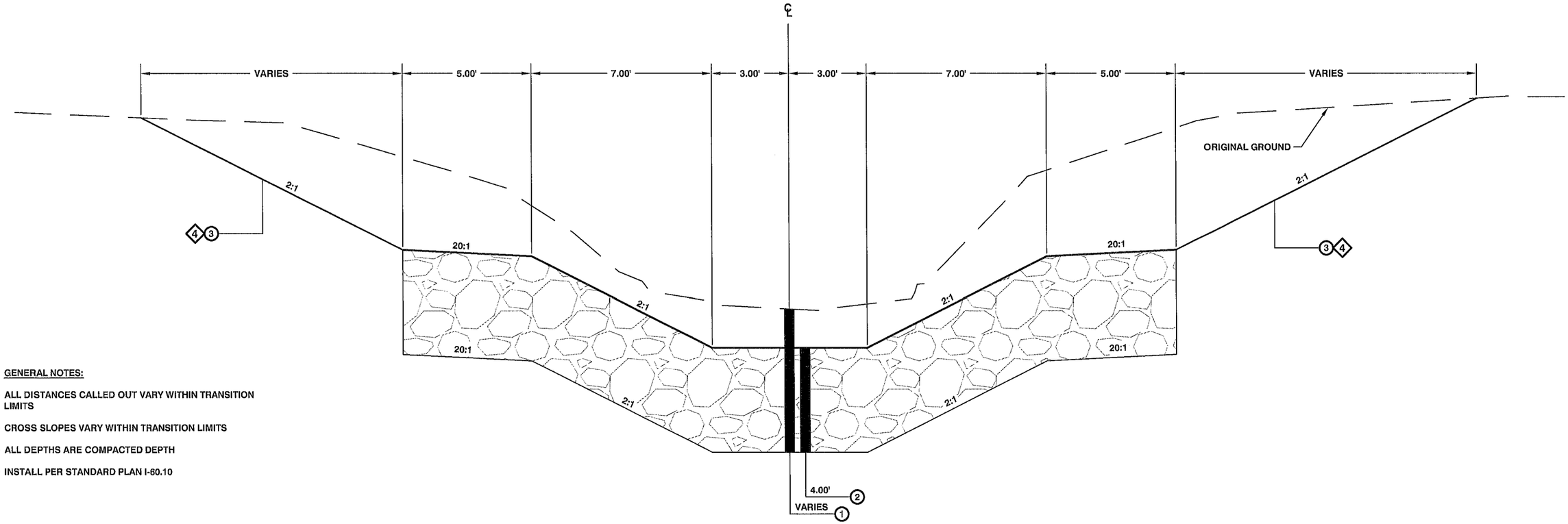
SHEET 6 OF 20

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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

ALBERT L SWANK — STATE OF WASHINGTON — 22742 — REGISTERED PROFESSIONAL ENGINEER

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GENERAL NOTES:

1. ALL DISTANCES CALLED OUT VARY WITHIN TRANSITION LIMITS
2. CROSS SLOPES VARY WITHIN TRANSITION LIMITS
3. ALL DEPTHS ARE COMPACTED DEPTH
4. INSTALL PER STANDARD PLAN I-60.10

LEGEND

1. DITCH EXCAVATION INCL. HAUL
2. STREAMBED MIX
3. EROSION CONTROL BLANKET

SF HANAFORD CREEK TYPICAL SECTION

STATION 0+05.79 - 0+30.86
STATION 0+72.76 - 0+99.80
NOT TO SCALE

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
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SF HANAFORD CREEK TYPICAL SECTION

SHEET 7 OF 20

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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

STATE OF WASHINGTON
ALBERT L SWANK
42
REGISTERED PROFESSIONAL ENGINEER

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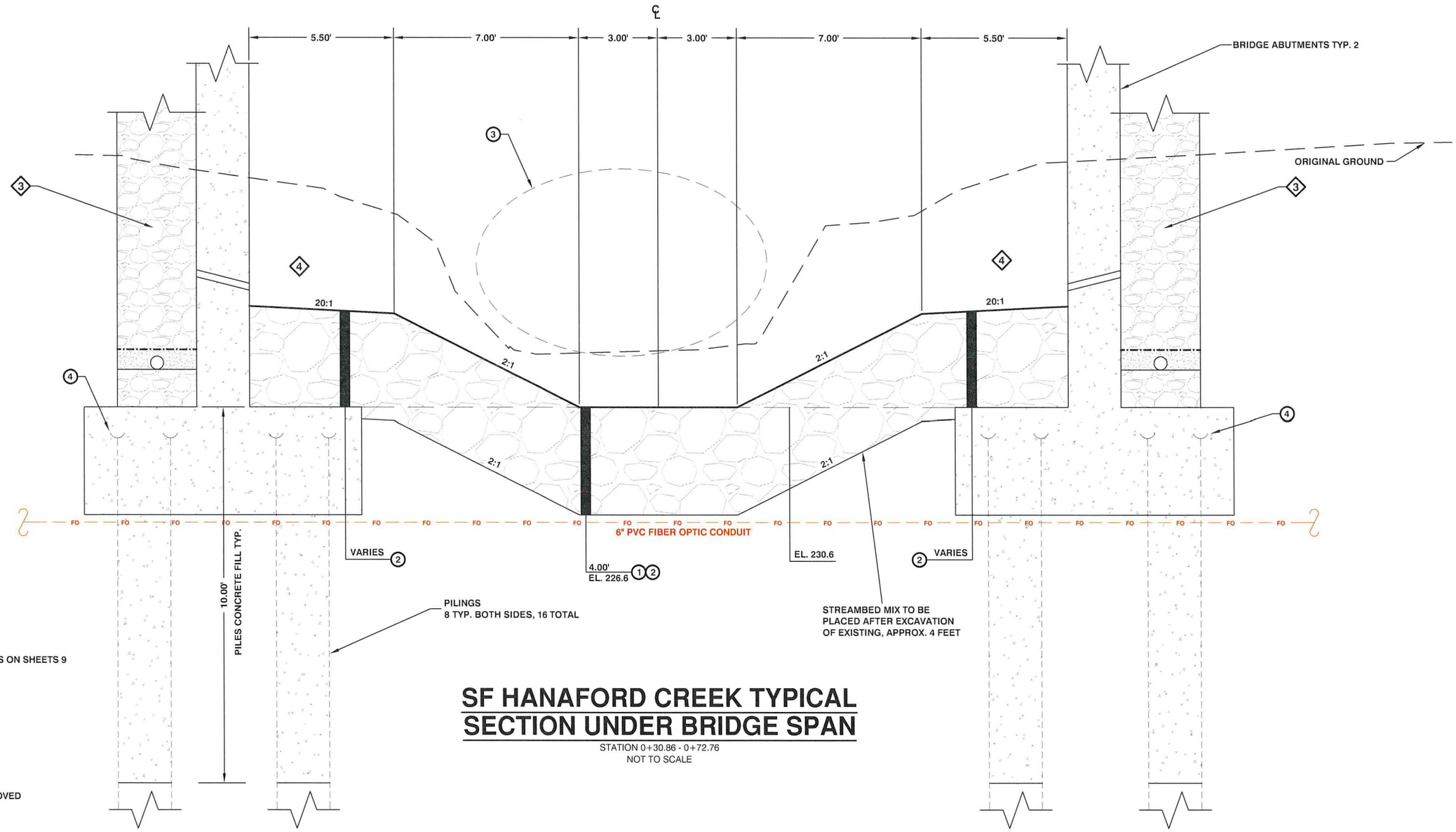
CAUTION

The existing 6" PVC fiber optic conduit shared between Zayo and MOX is to remain in place throughout the project's duration. Possible conflicts will be worked out mutually between all parties, with third party personnel and Lewis County engineer on site during ditch excavation.

ZAYO Fiber Optic
Phone: (800) 961-6500
locatedesk@zayo.com
zayo.relo.washington@zayo.com

MOX Fiber Optic
Phone: (844) 215-9500
help@moxnetworks.com

David (Dave) Fasshauer
Cell; (708) 975-5786
David.fasshauer@moxnetworks.com



CONSTRUCTION NOTES:

1. SLOPES WILL VARY IN SOME LOCATIONS
2. ALL DEPTHS ARE COMPACTED DEPTH
3. SEE BRIDGE PLAN SHEETS FOR DETAILS
4. SEE MEANDER BAR LOCATION AND DETAILS ON SHEETS 9 AND 10

LEGEND

1. DITCH EXCAVATION INCL. HAUL
2. STREAMBED MIX
3. EXISTING 11' X 7' CMP CULVERT TO BE REMOVED
4. STEEL ANNULAR RING PLATE PILE CAP TYP.

SF HANAFORD CREEK TYPICAL SECTION UNDER BRIDGE SPAN

STATION 0+30.86 - 0+72.76
NOT TO SCALE

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SF HANAFORD CREEK TYPICAL SECTION

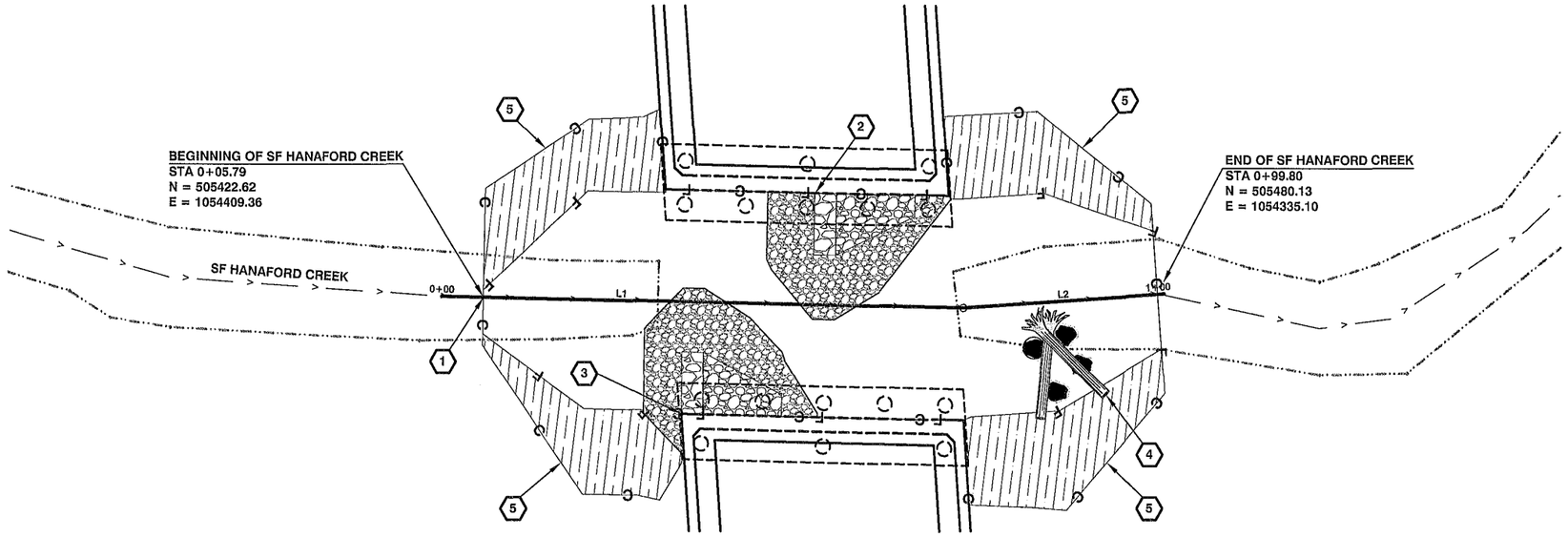
SHEET 8 OF 20

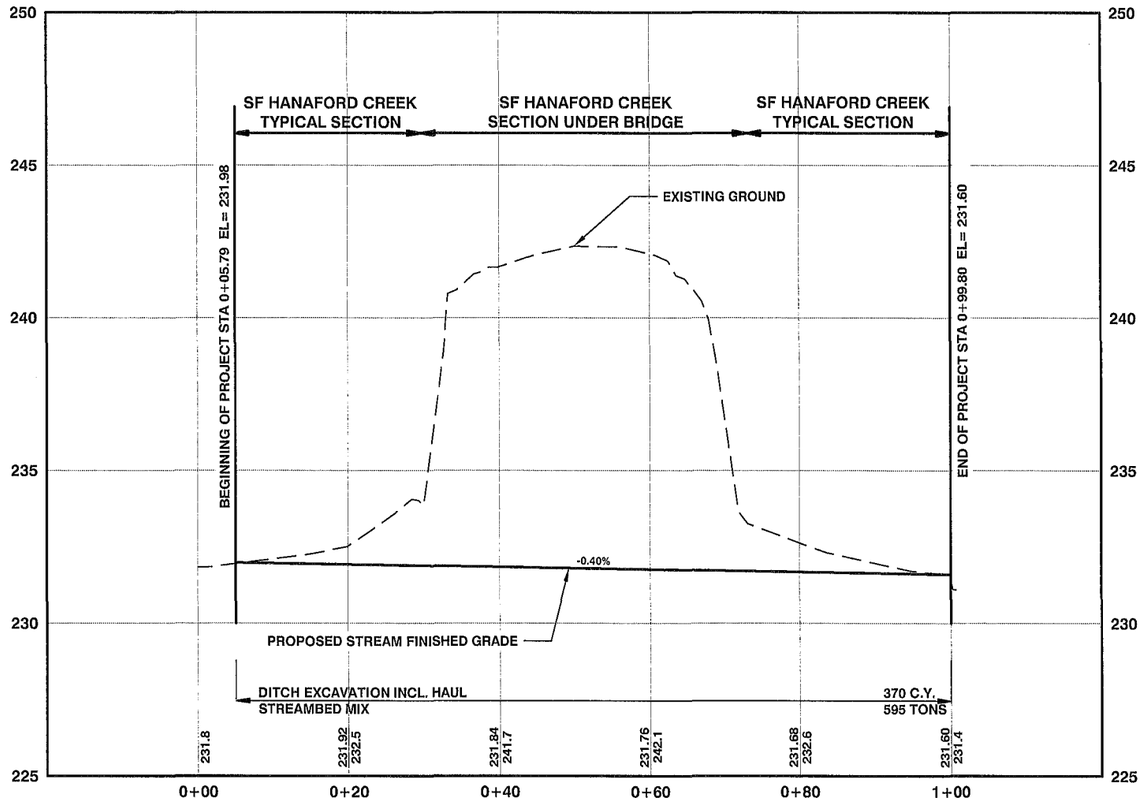
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Albert L Swank, P.E.
Senior Engineer/Design
Date: 5/26/26

ALBERT L SWANK
STATE OF WASHINGTON
#36124
REGISTERED
PROFESSIONAL ENGINEER

TWP 14 N RGE 1 W W.M.





CONSTRUCTION NOTES

1. STA 0+5.79 TO STA 0+99.80
   CONSTRUCT STREAMBED
   SEE SF HANAFORD CREEK TYPICAL SECTIONS ON SHEETS 7 AND 8
   370 C.Y. DITCH EXCAVATION INCL. HAUL
   429 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

2. STA 0+51.65 (15.40' LT) TO STA 0+65.65 (15.40' LT)
   CONSTRUCT MEANDER BAR
   SEE MEANDER BAR DETAILS ON SHEET 10
   83 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

3. STA 0+33.55 (15.45' RT) TO STA 0+47.55 (15.45' RT)
   CONSTRUCT MEANDER BAR
   SEE MEANDER BAR DETAILS ON SHEET 10
   83 TON STREAMBED MIX
   SEE SPECIAL PROVISION 8-30

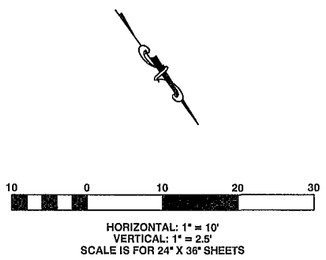
4. STA 0+82.00 (RT)
   PLACE AND ANCHOR LARGE WOODY DEBRIS
   SEE LWD SECTION VIEW ON SHEET 10
   SEE LWD CONNECTION DETAILS ON SHEET 11
   SEE SPECIAL PROVISION 8-30

5. STA 0+5.79 TO STA 0+99.80
   INSTALL EROSION CONTROL BLANKET
   125 S.Y. EROSION CONTROL BLANKET
   SEE SF HANAFORD CREEK TYPICAL SECTIONS ON SHEET 7 FOR DETAIL

SF HANAFORD CREEK

Line Table: Alignments

Line #	Length	Direction	Begin Station	End Station
L1	72.76	N50°43'36"W	0+00.00	0+72.76
L2	27.97	N56°00'33"W	0+72.76	1+00.73



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Department of Public Works
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SPECIAL MAINTENANCE PROJECT NO: 90-21F171900171

SF HANAFORD CREEK PLAN & PROFILE

SHEET 9 OF 20

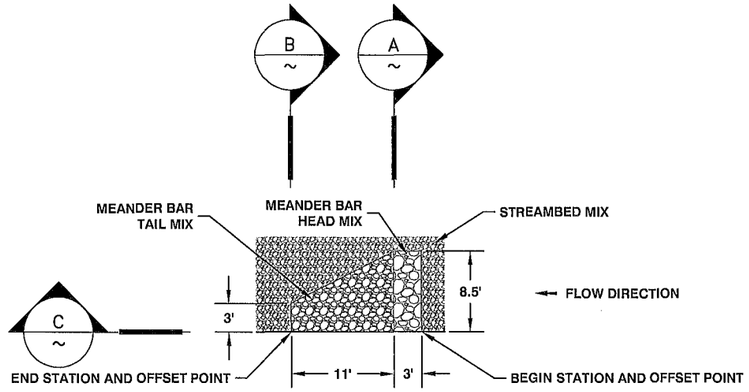
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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

ALBERT L SWANK STATE OF WASHINGTON 37072 REGISTERED PROFESSIONAL ENGINEER

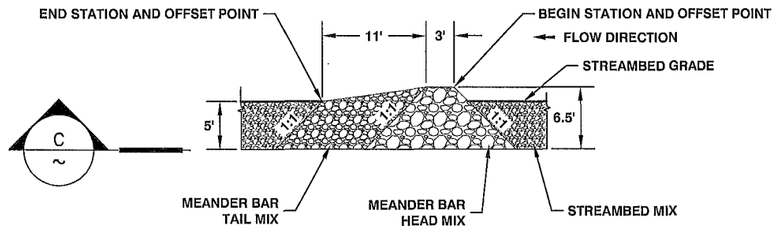
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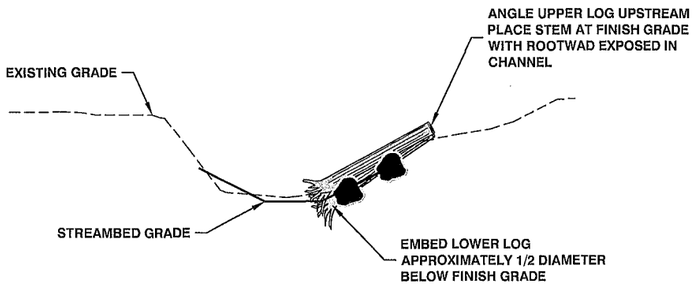
MEANDER BAR PLAN VIEW

NOT TO SCALE



MEANDER BAR PROFILE VIEW

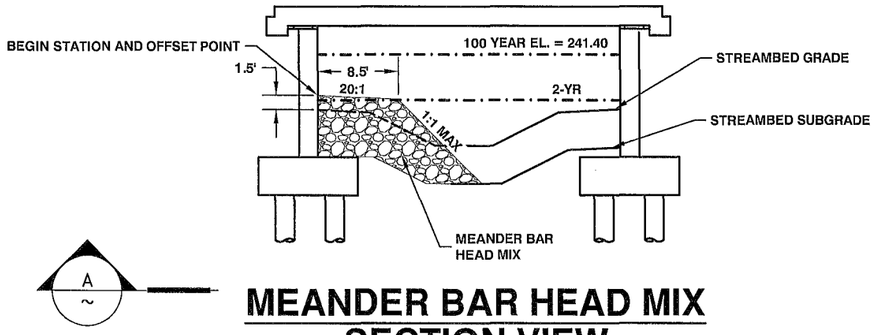
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LWD SECTION VIEW

NOT TO SCALE

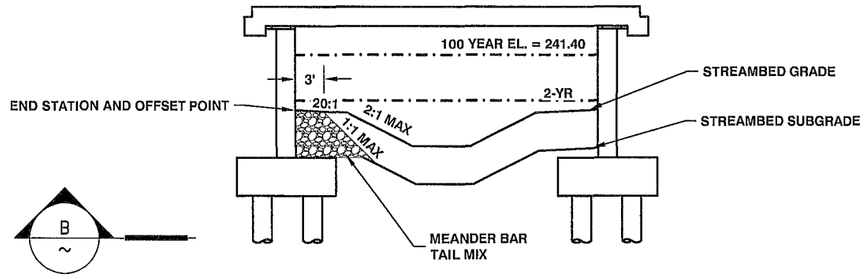
FINISHED GRADE JONES ROAD



MEANDER BAR HEAD MIX SECTION VIEW

NOT TO SCALE

FINISHED GRADE JONES ROAD



MEANDER BAR TAIL MIX SECTION VIEW

NOT TO SCALE

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DESIGNED BY : J. PIPER
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SF HANAFORD CREEK STREAM DETAILS

SHEET 10 OF 20

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Senior Engineer/Design
Date 10/26/26

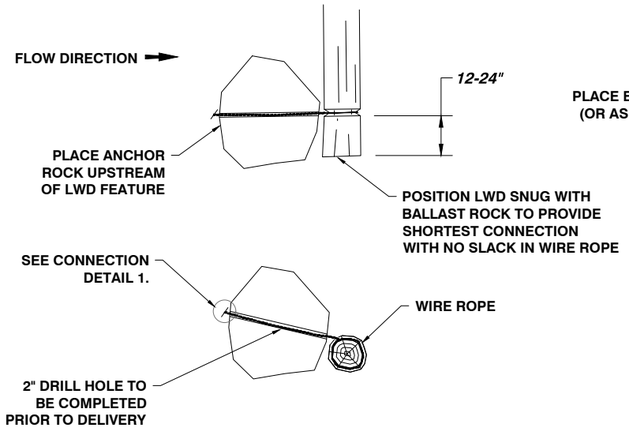
ALBERT L SWANK
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

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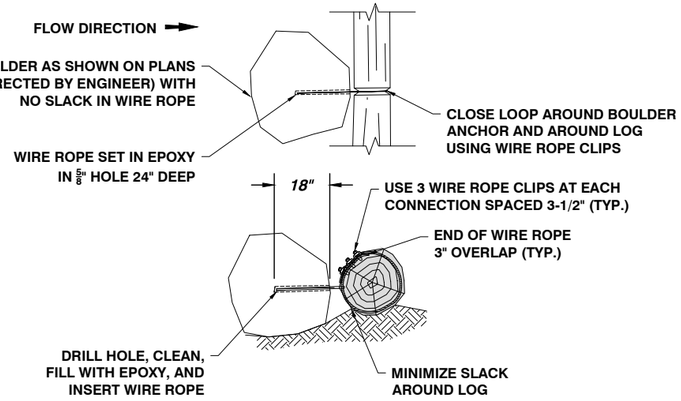
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BOULDER TO LWD CONNECTION
OPTION A



BOULDER TO LWD CONNECTION
OPTION B

CONSTRUCTION NOTES

1. WOOD SPECIES FOR LARGE WOODY DEBRIS (LWD) PIECES SHALL BE GREEN (NOT STOCKPILED) DOUGLAS FIR OR RED CEDAR UNLESS OTHERWISE SPECIFIED. NO DIMENSIONAL BEAMS OR TIMBERS, HEMLOCK, ALDER, OR OTHER DECIDUOUS TREE SPECIES SHALL BE USED.
2. LWD PIECES: ALL LOGS SHALL HAVE ROOTWADS INTACT. LWD SHALL BE 16 INCHES DIAMETER AT BREAST HEIGHT. LWD SHALL BE 15 FEET LONG INCLUDING THE ROOTWAD.
3. EACH LOG SHALL BE SECURED IN PLACE AT BOTH ENDS BY ANCHORING TO BOULDER ANCHORS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. LOG TO LOG CONNECTIONS SHALL BE MADE AT EACH LOG CROSSING AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. BOULDERS USED FOR ANCHORS IN CHANNEL MAY BE ROUND OR SUB-ANGULAR, EACH WEIGHING AT LEAST 2200 LBS, AND SECURED TO THE LOGS WITH NO SLACK IN CHAIN OR WIRE ROPE. ALL BOULDERS SHALL BE PLACED ON THE UPSTREAM SIDE OF THE LOG THEY ARE SECURED TO AND EMBEDDED TO A DEPTH EVEN WITH OR BELOW THE BASE OF THE LOG WHERE ATTACHED (UNLESS INSTRUCTED OTHERWISE BY ENGINEER IN FIELD).
5. LWD CONNECTIONS FOR LOG TO ANCHOR, LOG TO BOULDER, AND LOG TO LOG SHALL BE MADE USING $\frac{1}{2}$" TRANSPORT CHAIN OR GALVANIZED WIRE ROPE. $\frac{1}{2}$" CHAIN WILL BE SECURED WITH BOLTS OR SHACKLES. $\frac{1}{2}$" ROPE CLIPS SHALL BE USED TO SECURE WIRE ROPES AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER. TO PREVENT LOOSENING OF ROPE CLIPS THE NUTS SHALL BE SPOT WELDED OR THREADS FOULED.
6. LOGS SHALL BE NOTCHED 1-2" AND STAPLED WITH $\frac{1}{2}$" STAPLES AT ALL CHAIN OR WIRE ROPE CONNECTIONS.
7. LOCAL EXCAVATION SHALL BE PERFORMED PRIOR TO, DURING AND AFTER PLACEMENT OF LWD STRUCTURES AS DIRECTED BY THE ENGINEER.
8. POSSIBLE METHODS FOR SECURING WIRE ROPE TO BOULDERS ARE:

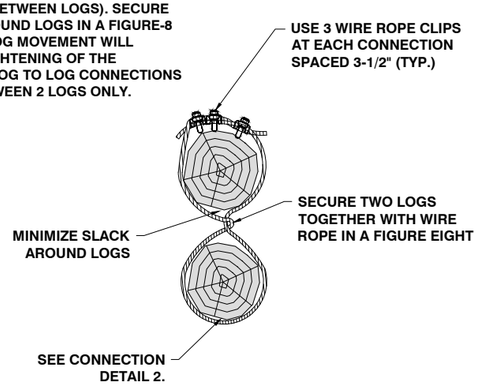
   OPTION A. DRILLING THROUGH BOULDER, THREADING WIRE ROPE THROUGH DRILLED HOLE, AND SECURING WIRE ROPE TO PLATE ON BACKSIDE OF BOULDER TO PREVENT THE WIRE ROPE FROM SLIPPING THROUGH. PRIOR TO CONNECTING BOULDER TO LWD, THE WIRE ROPE TO BOULDER CONNECTION SHALL BE PROOF TESTED BY LIFTING THE BOULDER BY THE ATTACHED WIRE ROPE.

   OPTION B. DRILL 5/8-INCH HOLE 18 INCHES (MINIMUM) INTO BOULDER. CLEAN HOLE WITH COMPRESSED AIR OR OTHER MEANS TO REMOVE DUST AND ROCK PARTICLES. FILL HOLE WITH EPOXY ADHESIVE AND INSERT WIRE ROPE ENSURING ADEQUATE LENGTH REMAINS TO SECURE TO LOG. EPOXY SHALL MEET WSDOT STANDARD SPECIFICATION 9-26.1 TYPE IV. THE GRADE, CLASS, AND OTHER PROPERTIES OF THE EPOXY ADHESIVE SHALL BE AS RECOMMENDED BY THE EPOXY MANUFACTURER AND SUBJECT TO APPROVAL BY THE ENGINEER. THE EPOXY ADHESIVE SHALL BE SUITABLE FOR PROVIDING A LONG-TERM BOND OF THE WIRE ROPE TO THE BOULDER ANCHOR IN SUBMERGED (UNDERWATER) CONDITIONS, DRY CONDITIONS, AND VARIABLE SUBMERGENCE CONDITIONS. EPOXY SHALL BOND THE WIRE ROPE TO THE BOULDER FOR AT LEAST A LOAD CORRESPONDING TO A 10,000 POUND TENSILE LOAD ON THE WIRE ROPE.

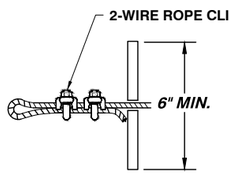
SPECIAL NOTES FOR ALL LOG STRUCTURES

1. DRAWING SHOWS THE PROPOSED LOCATION OF THE LWD STRUCTURES. THE FINAL DESIGN MAY BE MODIFIED BY THE ENGINEER TO SUIT LOCAL CONDITIONS AND AVAILABLE MATERIALS. FURTHER, MODIFICATIONS TO THIS DESIGN MAY BE MADE IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION.
2. TYPICAL DESIGNS ARE MEANT AS A GUIDE ONLY. MODIFICATION TO SUIT SITE CONDITIONS WILL LIKELY BE REQUIRED.

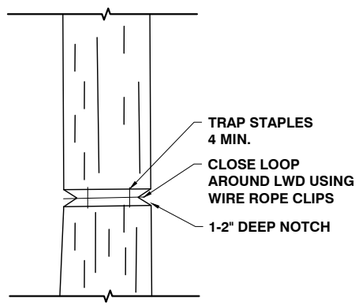
LOG TO LOG CONNECTIONS ARE MADE WHERE ONE LOG RESTS ON ANOTHER (MINIMAL GAP BETWEEN LOGS). SECURE WIRE ROPE AROUND LOGS IN A FIGURE-8 SO THAT ANY LOG MOVEMENT WILL RESULT IN A TIGHTENING OF THE CONNECTION. LOG TO LOG CONNECTIONS ARE MADE BETWEEN 2 LOGS ONLY.



LOG TO LOG CONNECTION
NOT TO SCALE



CONNECTION DETAIL 1
NOT TO SCALE



CONNECTION DETAIL 2
NOT TO SCALE

NOTES

1. SEE LEGEND FOR LOG CONTROL POINTS. POINT "A" IS THE ENDPOINT OF THE STEM AND AND POINT "R" IS THE CENTER OF THE STEM AT THE ROOTWAD.

LOWER LOG
PT. A: SF HANAFORD CREEK STA. 0+82, OFF. 16' RT
PT. R: SF HANAFORD CREEK STA. 0+85, OFF. 4' RT

UPPER LOG
PT. A: SF HANAFORD CREEK STA. 0+91, OFF. 13' RT
PT. R: SF HANAFORD CREEK STA. 0+83, OFF. 4' RT

LEGEND

MEANDER BAR HEAD MIX
STREAMBED MIX
MEANDER BAR TAIL MIX
BOULDER ANCHOR
LARGE WOODY DEBRIS (TYP.)
A R

Lewis County Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : JML
DRAWN BY : MAO
CHECKED BY : ERR
DATE : 10-29-26

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

LARGE WOODY DEBRIS CONNECTION DETAILS

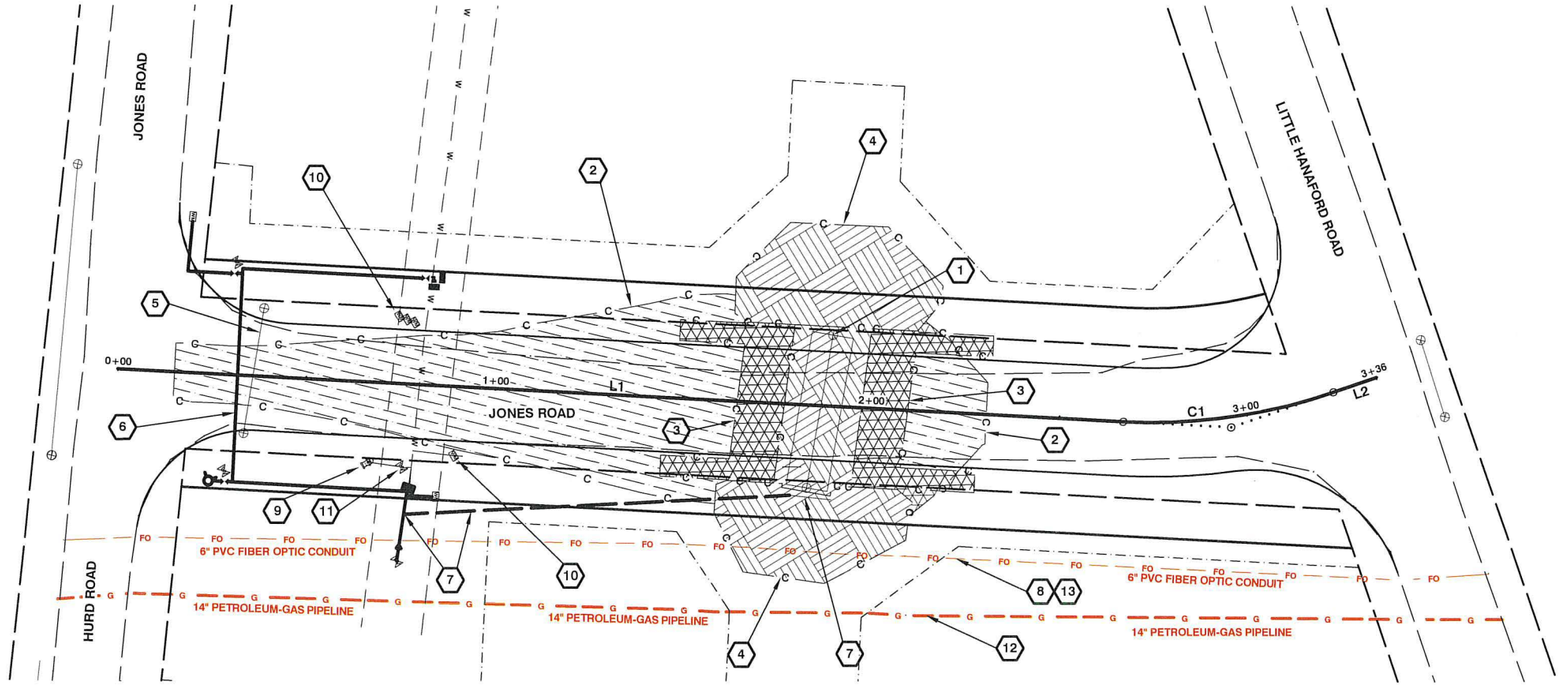
SHEET 11 OF 20

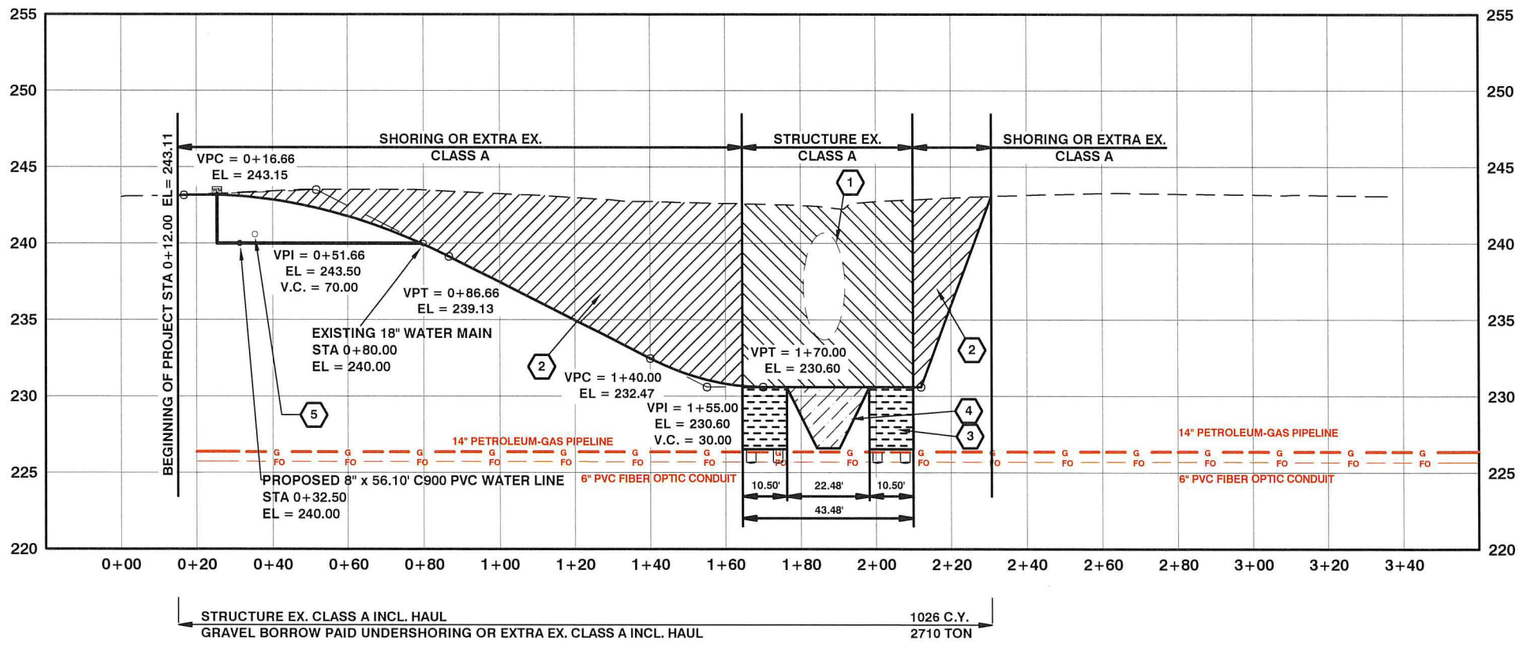
CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555 "It's the Law" Utilities Underground Location Center

nhc
12787 Gateway Drive S.
Seattle, WA 98168
Phone: 206-241-6000

Jessica M. Lammers STATE OF WASHINGTON 56280 REGISTERED PROFESSIONAL ENGINEER 10/29/2026

TWP 14 N RGE 1 W W.M.





CONSTRUCTION NOTES:

1. STA 1+86.60
   REMOVE AND DISPOSE OF EXISTING 11' x 7' CMP CULVERT
   SEE DETAILS ON SHEET 6
   356 C.Y. STRUCTURE EXCAVATION CLASS A INCL. HAUL
   7120 S.F. SHORING OR EXTRA EXCAVATION CLASS A
2. STA 0+15.00 - 2+30.70
   EST. 2710 TON GRAVEL BORROW; PAID UNDER SHORING OR EXTRA EX. CLASS A
   SEE DETAILS ON THIS SHEET
3. STA 1+44.78 - 2+31.71
   EXCAVATE FOR PILE CAPS AND WINGWALLS
   670 C.Y. STRUCTURE EXCAVATION CLASS A INCL. HAUL
4. DITCH EXCAVATION INCL. HAUL
   SEE DETAILS ON SHEET 9
5. STA 0+35.80
   EL = 240.53
   REMOVE AND DISPOSE OF EXISTING 18" X 33' DITCH CULVERT
6. CITY OF CENTRALIA AND LEWIS COUNTY PERSONNEL TO BE ON SITE DURING WATER MAIN RELOCATION
7. CONTRACTOR TO CHECK THE EXISTING WATER MAIN FOR POTENTIAL TIE-IN CONNECTIONS TO THE EXISTING 4" WATERLINE WITHIN PROJECT LIMITS. CONTRACTOR TO COORDINATE WITH LANDOWNER TO SHUT WATERLINE OFF BEFORE REMOVING LINE.
8. CONTRACTOR TO PROTECT EXISTING UNDERGROUND FIBER OPTIC
9. EXISTING HYDRANT TO BE REMOVED
10. EXISTING WATER METERS TO BE REMOVED
11. EXISTING WATER VALVES TO BE REMOVED

HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

WARNING

12. 14" DIA. OLYMPIC PETROLEUM-GAS PIPELINE LOCATED WITHIN 10 FEET OF EXCAVATION LIMIT. POSSIBLE CONFLICTS WILL BE WORKED OUT MUTUALLY BETWEEN ALL PARTIES, WITH THIRD PARTY PERSONNEL AND LEWIS COUNTY ENGINEER ON SITE DURING DITCH EXCAVATION.
13. SEE FIBER OPTIC DETAILS ON SHEET 8

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : PAT
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

JONES ROAD EXCAVATION PLAN & PROFILE

SHEET 12 OF 20

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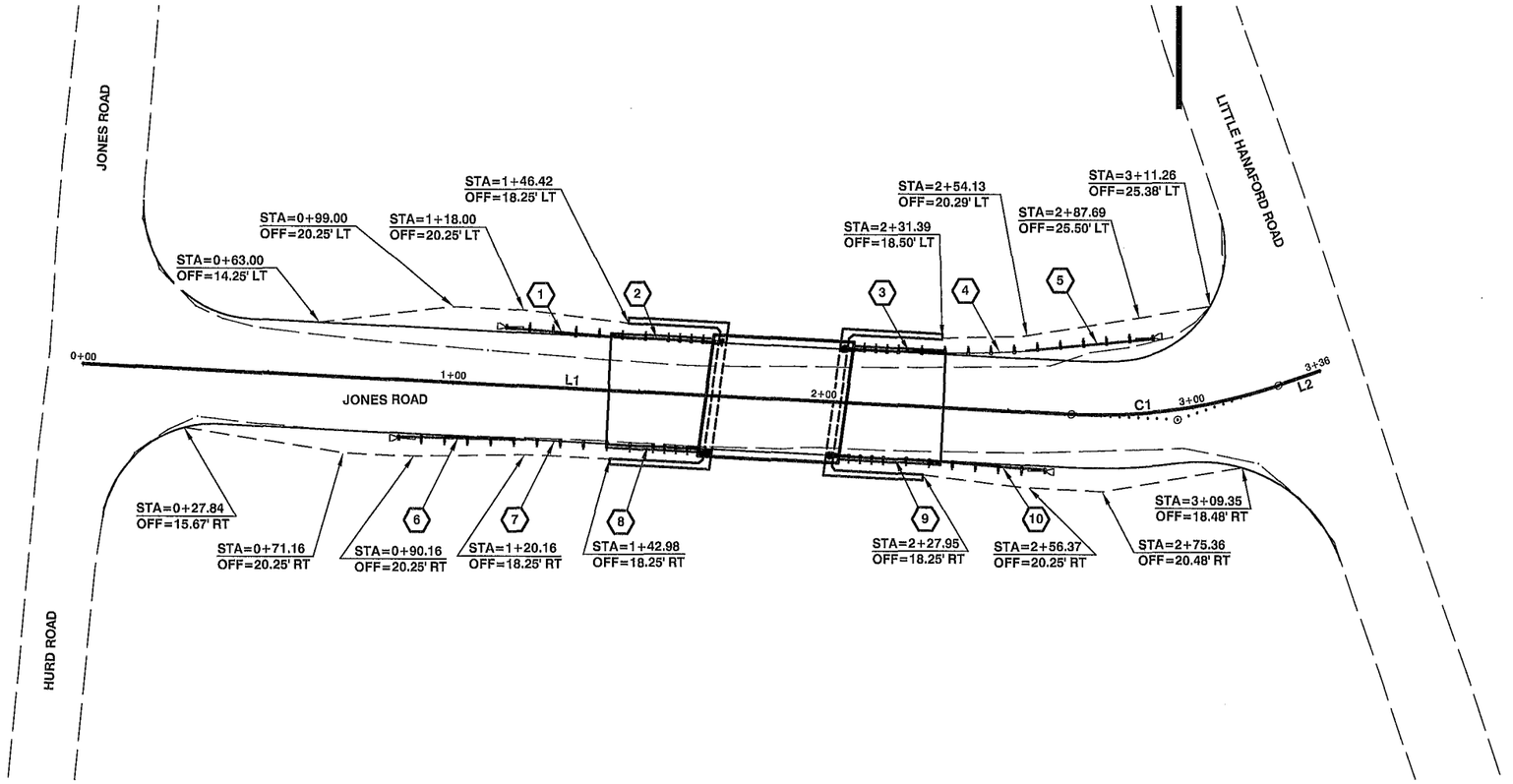
Albert L Swank, P.E.
Senior Engineer/Design
Date: 11/2/26

ALBERT L SWANK
STATE OF WASHINGTON
#34742
REGISTERED
PROFESSIONAL ENGINEER

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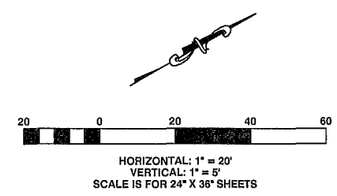
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TWP 14 N RGE 1 W W.M.



CONSTRUCTION NOTES:

1. STA 1+13.64, 15.25' LT TO STA 1+48.00, 14.25' LT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
2. STA 1+48.00, 14.25' LT TO STA 1+71.77, 14.51' LT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
3. STA 2+05.44, 14.51' LT TO STA 2+29.21, 14.42' LT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
4. STA 2+29.21, 14.42' LT TO STA 2+54.13, 16.29' LT
   25.00 L.F. BEAM GUARDRAIL TYPE 31
   SEE WSDOT STANDARD PLAN C-20.10
5. STA 2+54.13, 16.29' LT TO STA 2+91.41, 19.55' LT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
6. STA 0+85.80, 15.25' RT TO STA 1+20.16, 14.25' RT
   1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
   SEE WSDOT STANDARD PLAN C-22.45
7. STA 1+20.16, 14.25' RT TO STA 1+45.16, 14.25' RT
   25.00 L.F. BEAM GUARDRAIL TYPE 31
   SEE WSDOT STANDARD PLAN C-20.10
8. STA 1+45.16, 14.25' RT TO STA 1+68.93, 14.51' RT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
9. STA 2+02.59, 14.51' RT TO STA 2+26.37, 14.25' RT
   BEAM GUARDRAIL TYPE 31 TRANSITION SECTION TYPE 24
   SEE WSDOT STANDARD PLAN C-25.30
   USE THRIE BEAM END SECTION DESIGN F
   SEE WSDOT STANDARD PLAN C-7A
10. STA 2+26.37, 14.25' RT TO STA 2+60.73, 15.25' RT
    1 EACH BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
    SEE WSDOT STANDARD PLAN C-22.45



HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

Lewis County
Department of Public Works

57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
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GUARDRAIL PLAN & DETAILS

SHEET 13 OF 20

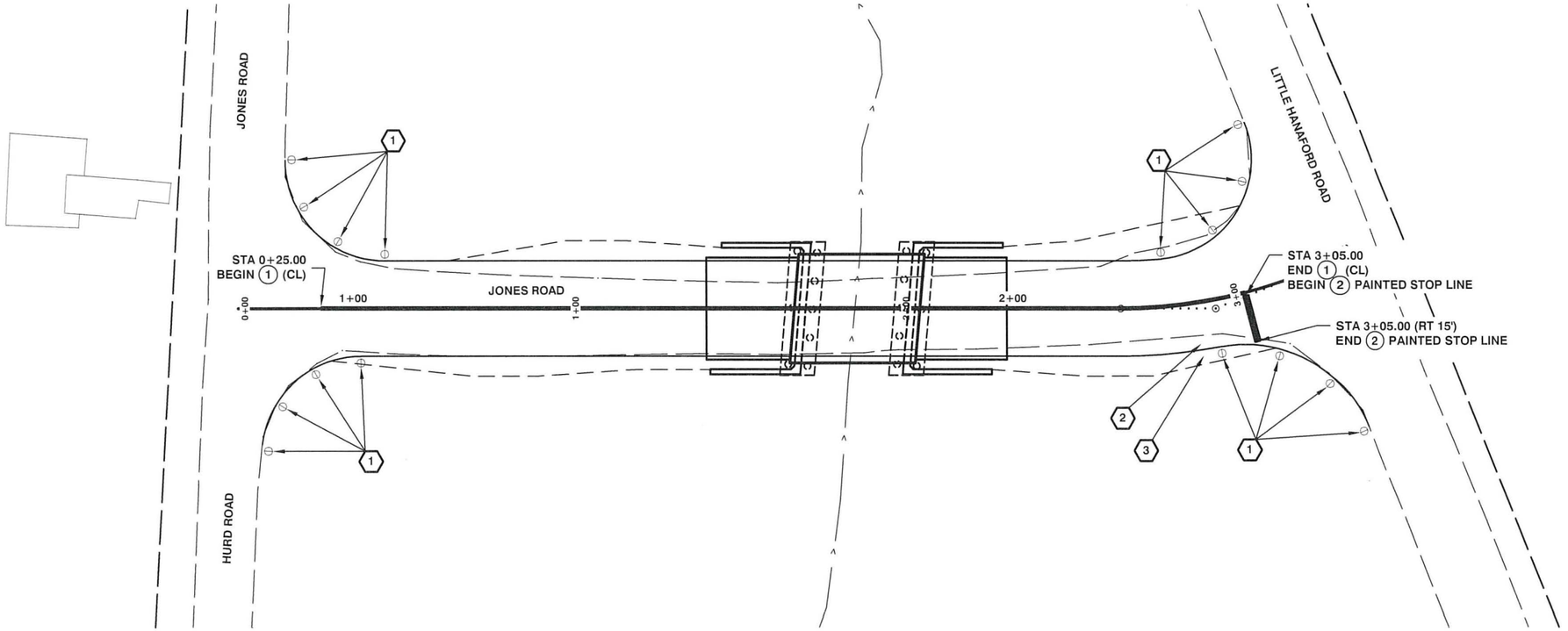
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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

ALBERT L SWANK
STATE OF WASHINGTON
26742
REGISTERED PROFESSIONAL ENGINEER

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TWP. 14 N. RGE 1 W.W.M.



CHANNELIZATION LEGEND

(1) 280 L.F. PAINT LINE - DOUBLE YELLOW CENTER LINE PER WSDOT STANDARD PLAN M20.10

(2) 15 L.F. PAINTED STOPLINE PER WSDOT STANDARD PLAN M-24.60

CONSTRUCTION NOTES:

(1) 4 EACH (16 TOTAL) FLEXIBLE GUIDEPOST TYPE WW SEE WSDOT STANDARD PLAN M-40.30

(2) APPROXIMATE LOCATION OF EXISTING STOP SIGN TO BE REMOVED AND RESET

(3) STA 2+90, 16.00' RT RE-INSTALL STOP SIGN

LEGEND

DOUBLE YELLOW CENTER LINE

PAINTED STOPLINE

FLEXIBLE GUIDEPOST

(1) CONSTRUCTION NOTE

(3) STOP (30"X30") R1-1



0 20' 40'

HORIZONTAL: 1" = 20'
SCALE IS FOR FULL SIZE SHEETS

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : MBH
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

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PAVING/PAVING MARKING/SIGNAGE

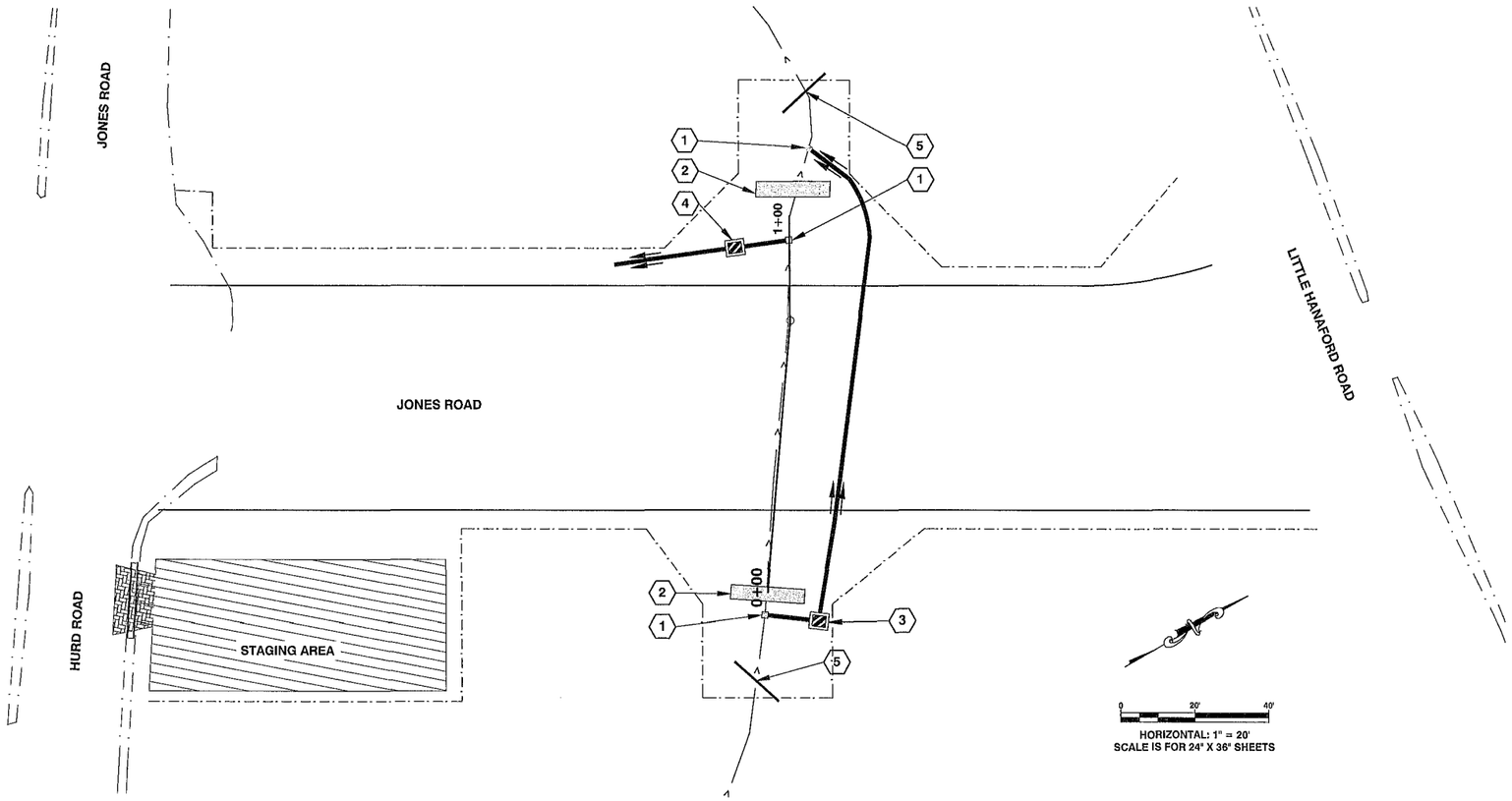
SHEET 14 OF 20

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Senior Engineer/Design
Date: 10/26/26

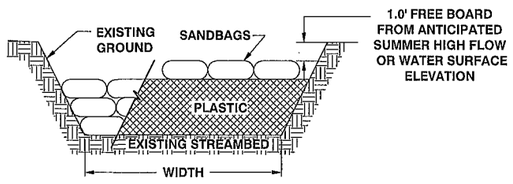
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STATE OF WASHINGTON
#28742
REGISTERED PROFESSIONAL ENGINEER

TWP 14 N RGE 1 W W.M.



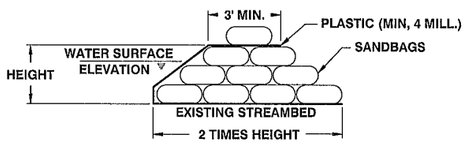
CONSTRUCTION NOTES

1. PUMP INTAKE SCREEN OVER ALL INTAKE AND OUTLET HOSES PER WDFW REQUIREMENTS
2. INSTALL COFFER DAM PER DETAILS ON THIS SHEET
3. INSTALL SPILL CONTAINED PUMP SYSTEM FOR STREAM BYPASS
4. INSTALL SPILL CONTAINED PUMP SYSTEM FOR DEWATERING, PUMP WORK WATER TO AN UPLAND AREA A MINIMUM OF 100' FROM A WATERBODY TO FLOW AWAY FROM PROJECT
5. FISH DIVERSION SCREEN UPSTREAM OF BYPASS INTAKE AND DOWNSTREAM OF BYPASS OUTLET PER HPA PROVISIONS, INSTALL 45 DEGREES TO WATERLINE OF STREAM



NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

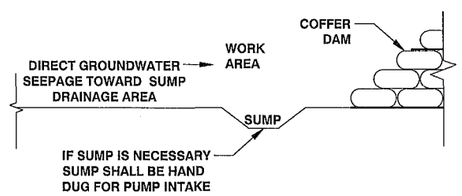
FRONT VIEW



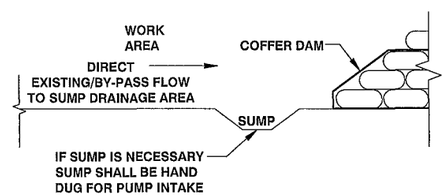
NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
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SIDE VIEW

COFFER DAM TYPICAL DETAIL
NOT TO SCALE



UPSTREAM DEWATERING AREA SUMP DETAIL
NOT TO SCALE



DOWNSTREAM DEWATERING BY-PASS SUMP DETAIL
NOT TO SCALE

Lewis County Department of Public Works	57 WEST MAIN ST. CHEHALIS WA 98532 PHONE # (360) 740-1123 FAX # (360) 740-2719	DESIGNED BY : J. PIPER DRAWN BY : MBH CHECKED BY : DATE :	NO.	DATE	REVISION	BY	APP.	JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 90-21F171900171

DEWATERING PLAN

SHEET 15 OF 20

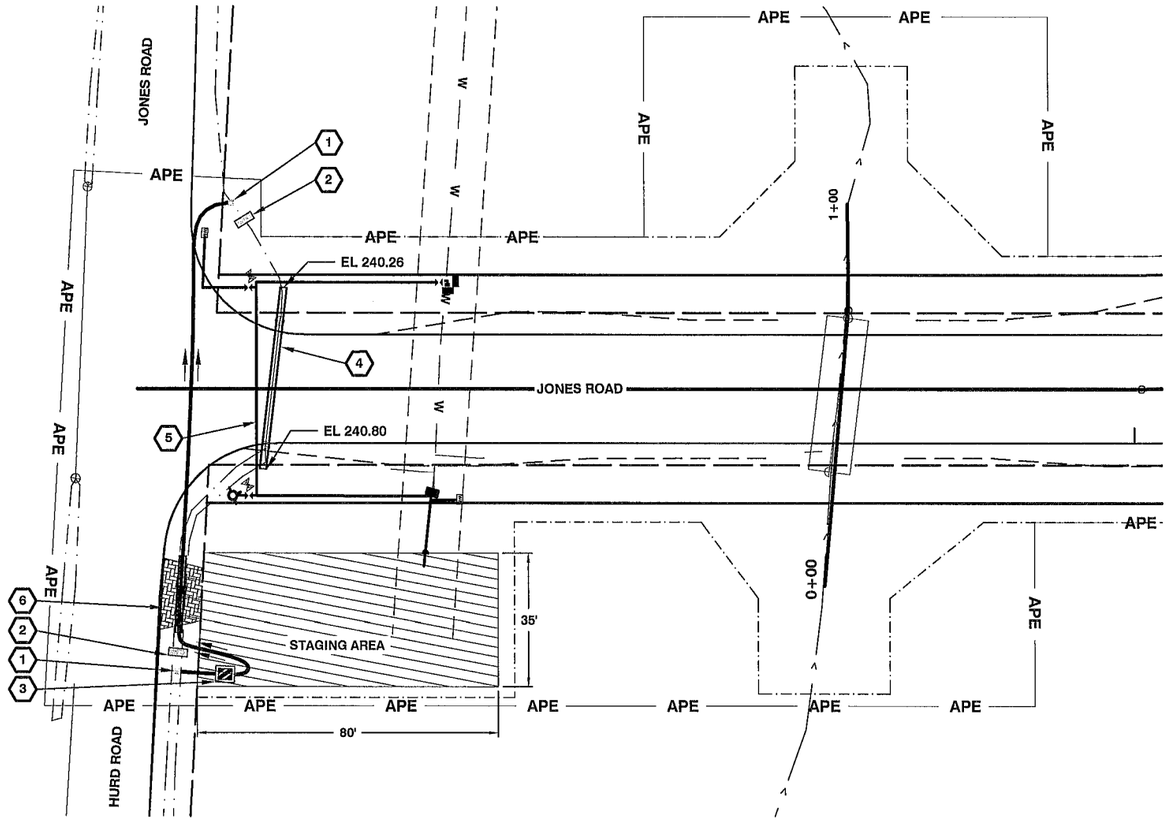
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Albert L Swank, P.E.
Senior Engineer/Design
Date: 10/26/26

ALBERT L SWANK STATE OF WASHINGTON 43072 REGISTERED PROFESSIONAL ENGINEER

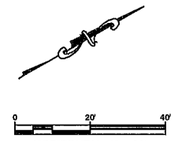
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TWP 14 N RGE 1 W W.M.

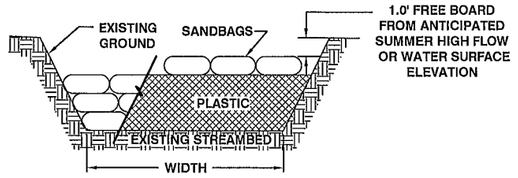


CONSTRUCTION NOTES

1. PUMP INTAKE SCREEN OVER ALL INTAKE AND OUTLET HOSES PER WDFW REQUIREMENTS
2. INSTALL COFFER DAM PER DETAILS ON THIS SHEET
3. INSTALL SPILL CONTAINED PUMP SYSTEM FOR STREAM BYPASS
4. STA 0+35.80
   48 L.F. CL. V REINF. CONC. CULV. PIPE 18 IN. DIAM.
   INLET INV. = EL 240.80 (STA 0+33.39, 21.05' RT)
   OUTLET INV. = EL 240.26 (STA 0+38.87, 26.64' LT)
5. CITY OF CENTRALIA AND LEWIS COUNTY PERSONNEL TO BE ON SITE DURING WATER MAIN RELOCATION
6. INSTALL 18.5' WIDE STABILIZED CONSTRUCTION ENTRANCE WITH TEMPORARY 18" CORRUGATED HDPE PIPE

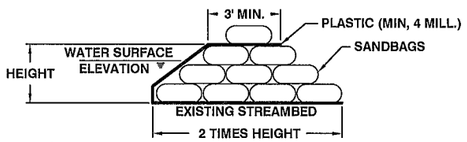


HORIZONTAL: 1" = 20'
SCALE IS FOR 24" X 36" SHEETS



NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

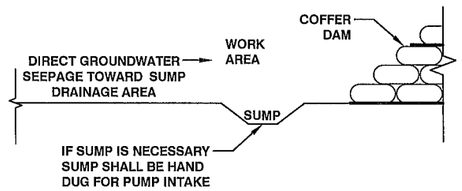
FRONT VIEW



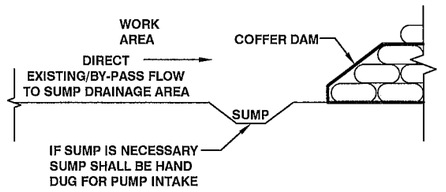
NOTES:
1. SANDBAGS SHALL BE USED IN ACCORDANCE WITH APPLICABLE PERMITS.
2. INSTALL COFFER DAM AND DEWATER SITE PRIOR TO CONSTRUCTION.
3. PROVIDE 1.0' FREEBOARD.

SIDE VIEW

COFFER DAM TYPICAL DETAIL
NOT TO SCALE



UPSTREAM DEWATERING AREA SUMP DETAIL
NOT TO SCALE



DOWNSTREAM DEWATERING BY-PASS SUMP DETAIL
NOT TO SCALE

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : J. PIPER
DRAWN BY : PAT
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
90-21F171900171

DEWATERING PLAN

SHEET 16 OF 20

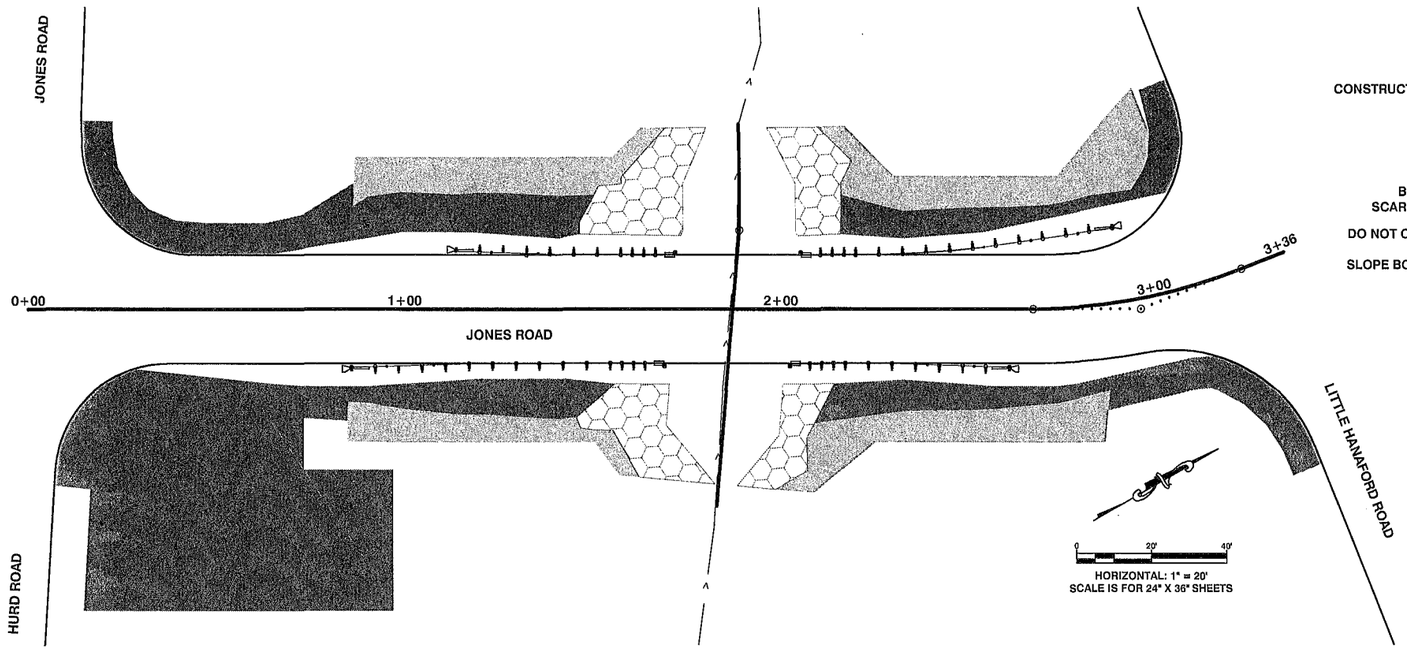
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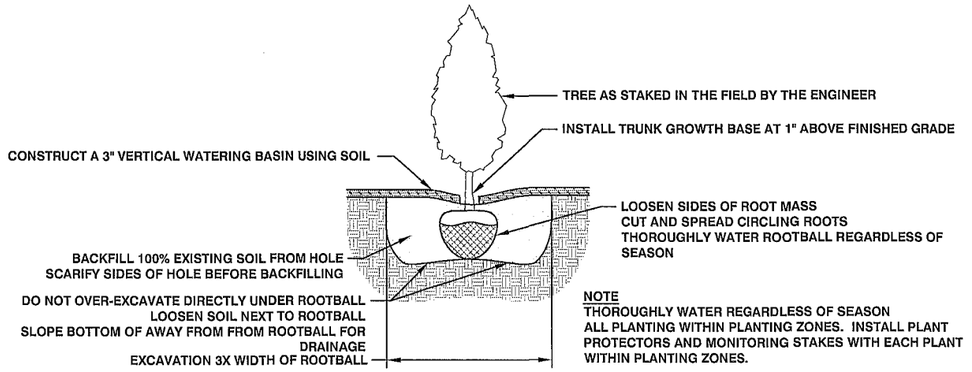
Albert L Swank, P.E.
Senior Engineer/Design
Date: 11/02/26

ALBERT L SWANK
STATE OF WASHINGTON
#36742
REGISTERED PROFESSIONAL ENGINEER

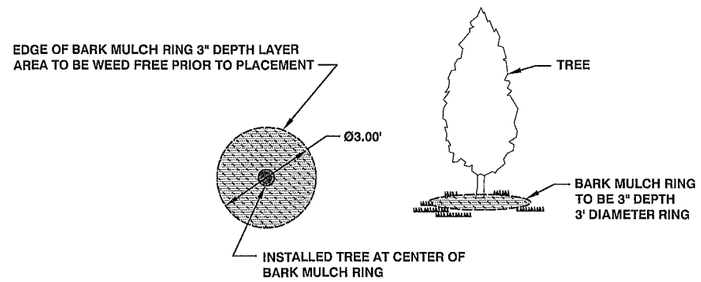
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TWP 14 N RGE 1 W W.M.





CONTAINER PLANTING DETAIL
NOT TO SCALE



BARK MULCH RING DETAIL
NOT TO SCALE

PLANTING PLAN

PLANTING ZONE	SCIENTIFIC NAME	COMMON NAME	TYPE	SIZE OF PLANTS (MATERIAL)	PLANTING DENSITY (SPACING)	PROPORTION OF PLANTING IN STRATA (%)	NUMBER OF PLANTS
Stream Bank Planting Zone Area 1718 s.f.	*Frangula purshiana*	Cascara	T	2 gallon container	12' on-center	100	12
	Cornus sericea	Red Osier Dogwood	S	6' Live Stake	5' on-center	35	20
	Salix geyeriana	Geyer Willow	S	6' Live Stake	5' on-center	20	11
	Salix sitchensis	Sitka Willow	S	6' Live Stake	5' on-center	35	20
	Salix lucida	Pacific Willow	S	6' Live Stake	5' on-center	10	6
Upland Riparian Planting Zone Area 3140 s.f.	*Fraxinus latifolia*	Oregon Ash	T	2 gallon container	12' on-center	30	7
	Pseudotsuga menziesii	Douglas Fir	T	2 gallon container	12' on-center	40	9
	Acer macrophyllum	Big-Leaf Maple	T	2 gallon container	12' on-center	30	7
	Acer circinlatum	Vine Maple	S	1 gallon container	5' on-center	35	36
	Oemleria cerasiformis	Indian Plum	S	1 gallon container	5' on-center	25	26
	Rubus spectabilis	Salmonberry	S	1 gallon container	5' on-center	5	5
	Symphoricarpos albus	Common Snowberry	S	1 gallon container	5' on-center	35	36

PLANTING NOTES:

ALL DISTURBED AREAS WITHIN CLEAR AND GRUB LIMITS SHALL BE HYDRO-SEEDED WITH ROADSIDE SEED MIX AT 80 LBS/AC.

ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK. CONTAINER PLANT MATERIAL SHALL BE WELL-ROOTED IN POT.

PLANTING AREAS SHALL BE STAKED BY CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO PLANTING.

NO PLANT MATERIAL SHALL BE PLANTED UNTIL IT HAS BEEN INSPECTED AND APPROVED FOR PLANTING BY THE ENGINEER PER STANDARD SPECIFICATION 8-02.3(8).

PLANT MATERIAL SHALL BE STORED AND HANDLED PER SECTION 8-02.3(8) AND 9-14.7(3) OF THE STANDARD AND SPECIAL PROVISIONS.

PLANT MATERIAL SHALL BE INSTALLED PER SECTION 8-02.3(8) OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

PLANTS TO BE RANDOMLY MIXED WITHIN DESIGNATED PLANT GROUPS AS APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE.

LEGEND

- HYDROSEED ONLY (8,380 SQ. FT.)
- STREAM BANK PLANTING (1,718 SQ. FT.)
- UPLAND PLANTING AND SEEDING AREA (3,140 SQ. FT.)

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

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DRAWN BY : MBH
CHECKED BY :
DATE :

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JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO:
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PLANTING PLAN

SHEET 17 OF 20

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Albert L Swank, P.E.
Senior Engineer/Design
Date: 1/26/26

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STATE OF WASHINGTON
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REGISTERED PROFESSIONAL ENGINEER

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1. ROAD WORK AHEAD
(48"X48")
W20-1

2. ROAD CLOSED 1000 FT
(48"X48")
W20-3

3. ROAD CLOSED 500 FT
(48"X48")
W20-3

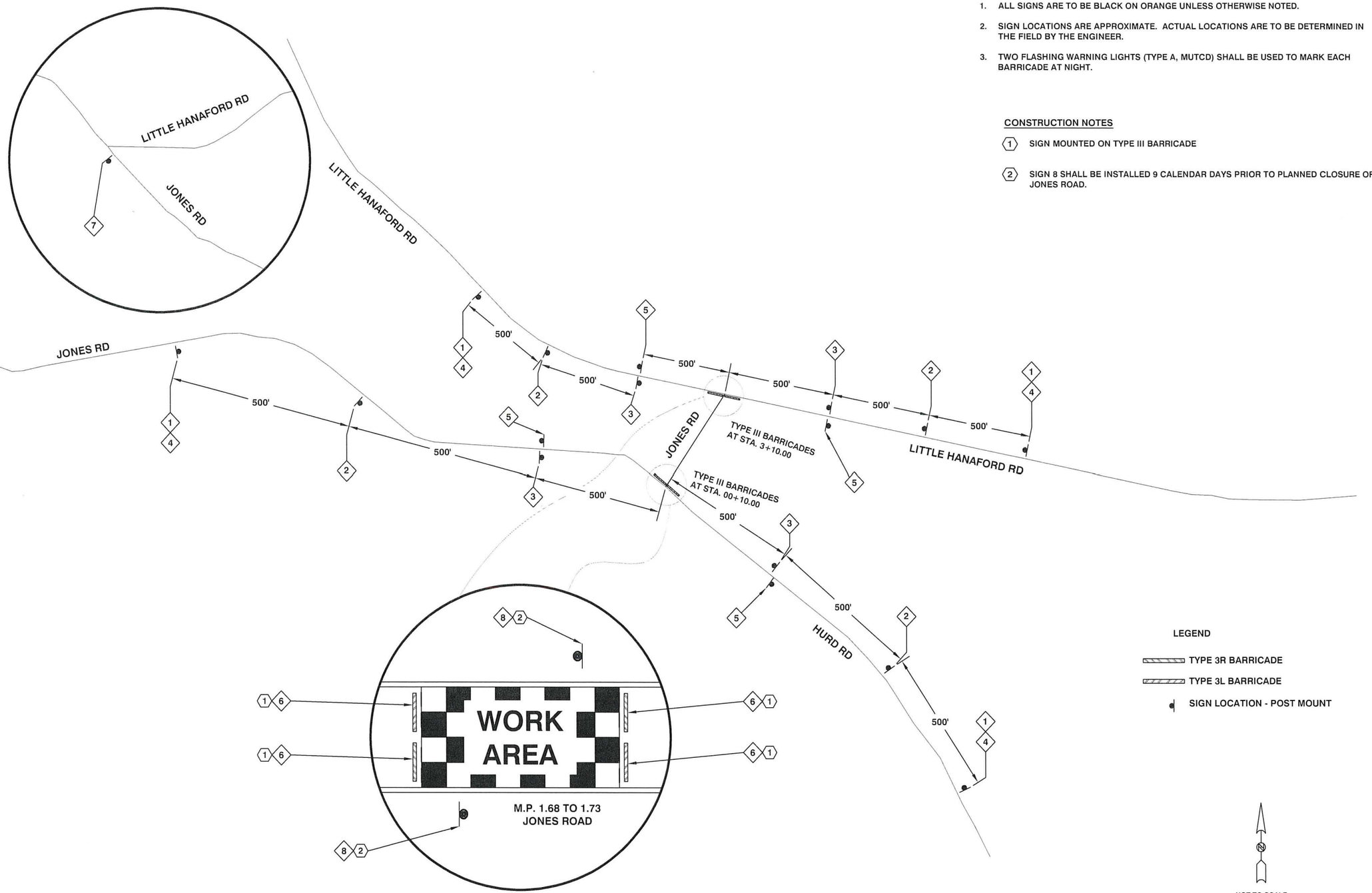
4. 25 LIMIT SPEED
B/W
(24"X30")
R2-1

5. END ROAD WORK
(36"X18")
G20-2

6. ROAD CLOSED
B/W
(48"X30")
R11-2

7. JONES ROAD CLOSED AT M.P. 1.71
(60"X30")
B/W

8. THIS ROAD WILL BE CLOSED MO DA MO DA
(30" x 36")
B/W



NOTES

1. ALL SIGNS ARE TO BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. TWO FLASHING WARNING LIGHTS (TYPE A, MUTCD) SHALL BE USED TO MARK EACH BARRICADE AT NIGHT.

CONSTRUCTION NOTES

1. SIGN MOUNTED ON TYPE III BARRICADE
2. SIGN 8 SHALL BE INSTALLED 9 CALENDAR DAYS PRIOR TO PLANNED CLOSURE OF JONES ROAD.

LEGEND

- TYPE 3R BARRICADE
- TYPE 3L BARRICADE
- SIGN LOCATION - POST MOUNT

NOT TO SCALE

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SPECIAL MAINTENANCE PROJECT NO:
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CONSTRUCTION SIGNS CLASS A

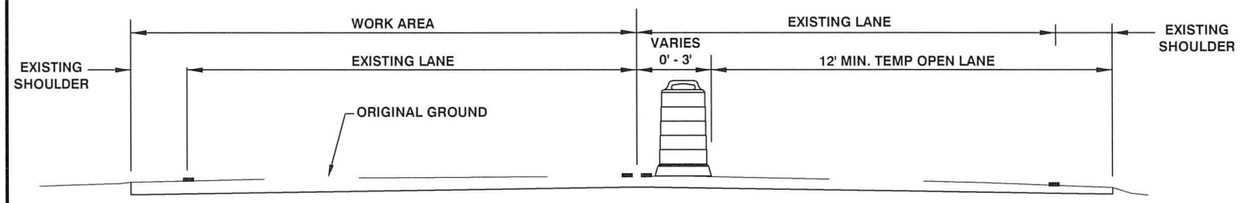
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Senior Engineer/Design
Date: 10/26/26

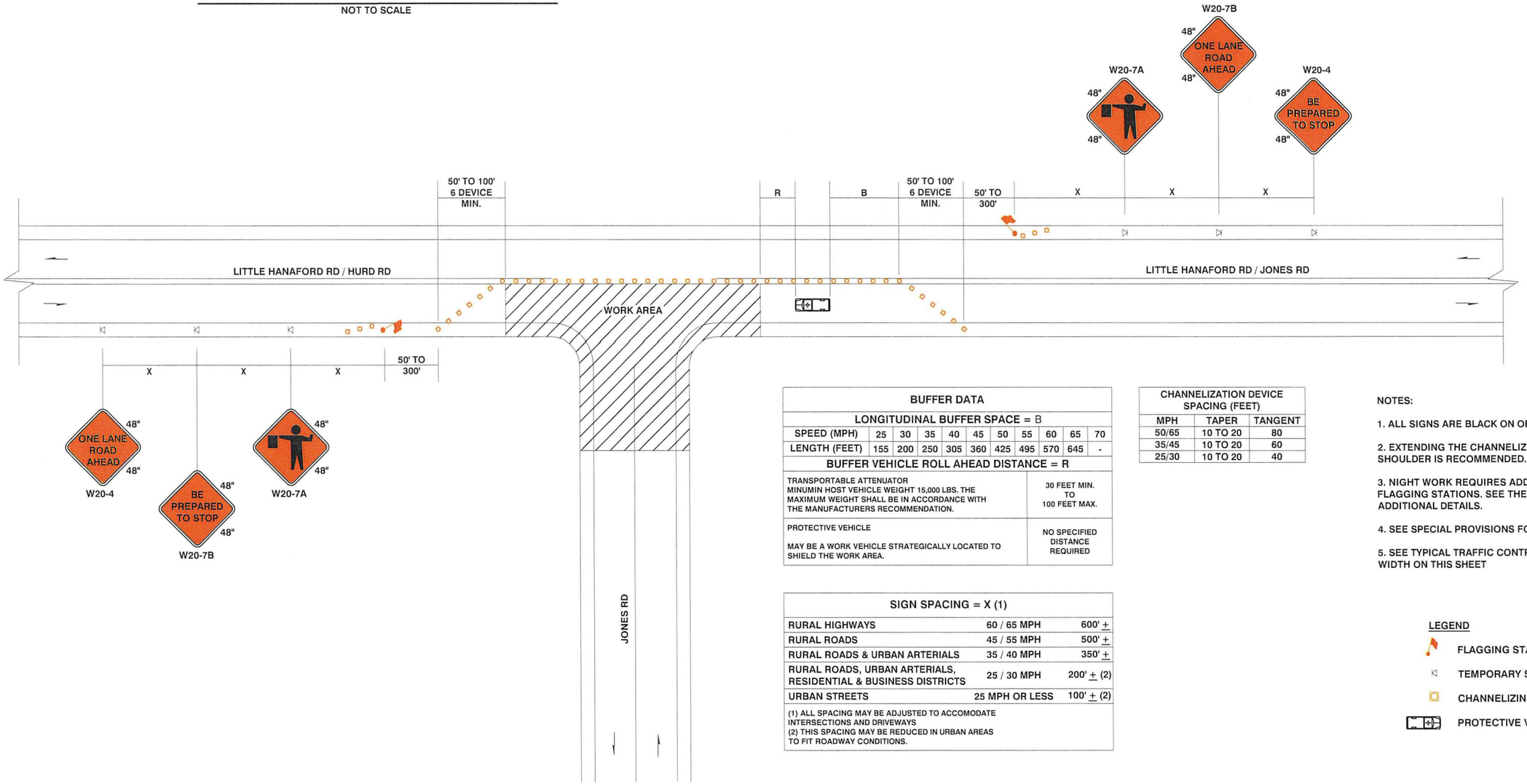
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TYPICAL TRAFFIC CONTROL SECTION

NOT TO SCALE



BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR MINUMIN HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FEET MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	600' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMODATE INTERSECTIONS AND DRIVEWAYS
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

NOTES:

1. ALL SIGNS ARE BLACK ON ORANGE.
2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
5. SEE TYPICAL TRAFFIC CONTROL SECTION FOR MINIMUM LANE WIDTH ON THIS SHEET

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE

ONE-LANE, TWO WAY TRAFFIC CONTROL WITH FLAGGERS

NOT TO SCALE

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CHEHALIS WA 98532
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FAX # (360) 740-2719

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SPECIAL MAINTENANCE PROJECT NO:
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GENERAL TRAFFIC CONTROL PLAN

SHEET 19 OF 20

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Senior Engineer/Design
Date 10/26/26

ALBERT L SWANK
STATE OF WASHINGTON
21742
REGISTERED
PROFESSIONAL ENGINEER

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BRIDGE SHEET INDEX

SHEET NO.	DESCRIPTION
B01	BRIDGE PLAN AND ELEVATION
B02	GENERAL NOTES, BRIDGE SECTION AND PROFILE
B03	SUPERSTRUCTURE CONSTRUCTION SEQUENCE
B04	FOUNDATION LAYOUT
B05	STEEL PIPE PILE DETAILS
B06	PIER 1 AND 2 PLAN AND ELEVATION
B07	PIER DETAILS 1 OF 3
B08	PIER DETAILS 2 OF 3
B09	PIER DETAILS 3 OF 3
B10	FRAMING PLAN
B11	PRESTRESSED SLAB GIRDER DETAILS 1 OF 3
B12	PRESTRESSED SLAB GIRDER DETAILS 2 OF 3
B13	PRESTRESSED SLAB GIRDER DETAILS 3 OF 3
B14	END DIAPHRAGM DETAILS
B15	DECK REINFORCING - TYPICAL SECTION
B16	DECK REINFORCING PLAN
B17	BRIDGE APPROACH SLAB LAYOUT
B18	BRIDGE APPROACH SLAB DETAILS
B19	BRIDGE RAILING DETAILS 1 OF 2
B20	BRIDGE RAILING DETAILS 2 OF 2
B21	BARLIST 1 OF 2
B22	BARLIST 2 OF 2

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Department of Public Works
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CHEHALIS WA 98532
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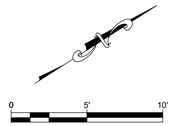
BRIDGE SHEET INDEX

SHEET 20 OF 20

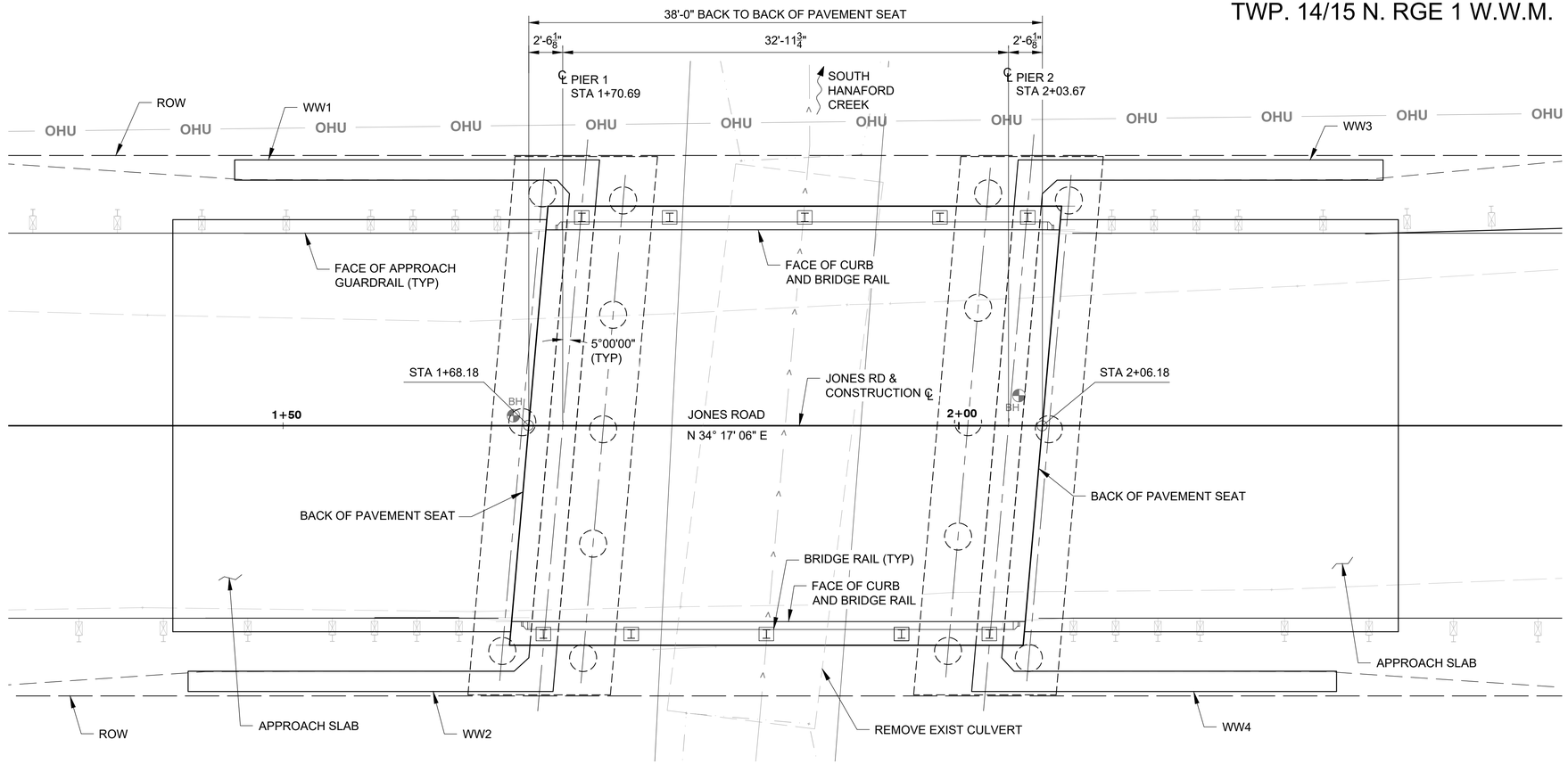
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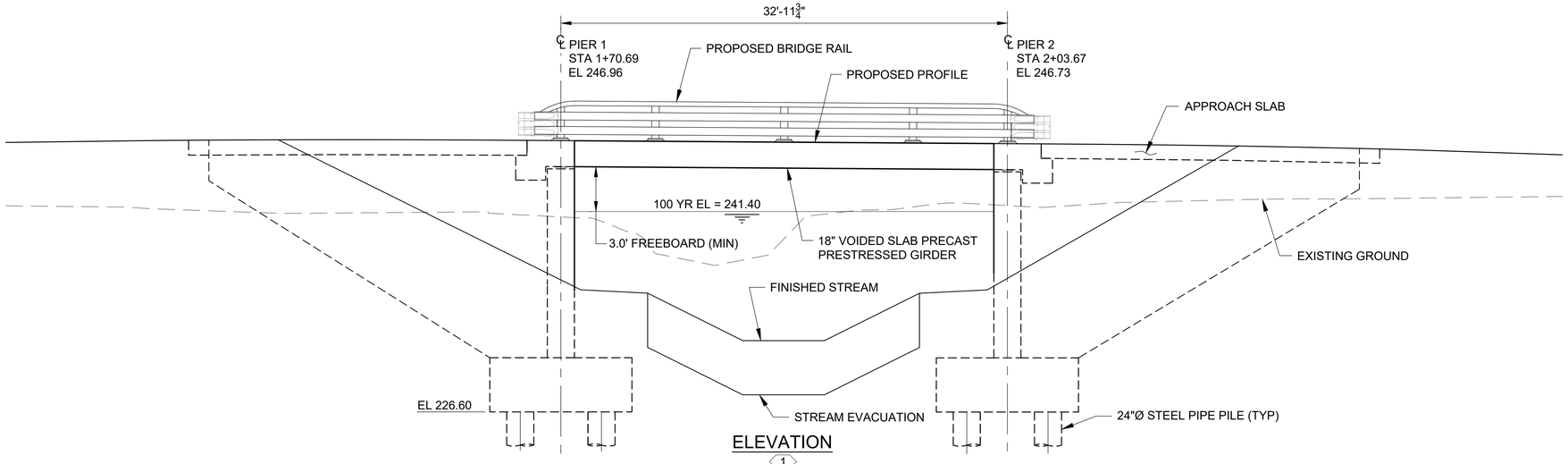
ALBERT L SWANK
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38742
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PROFESSIONAL ENGINEER



SCALE: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS



PLAN



ELEVATION

1

KEY NOTES:

1. STATIONS AND ELEVATIONS ARE SHOWN AT ℄ ROADWAY. ELEVATIONS SHOWN ARE FINISHED GRADE AT TOP OF BRIDGE DECK AND ARE EQUAL TO PROFILE GRADE.

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CHEHALIS WA 98532
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FAX # (360) 740-2719

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BRIDGE PLAN AND ELEVATION

SHEET B01 OF 22

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GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS, THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2024 AND PROJECT SPECIAL PROVISIONS.

2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, DATED 2020 AND STATE OF WASHINGTON DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL LRFD, DATED 2023.

3. DESIGN LOADS:

   DEAD LOAD:
   - NORMAL REINFORCED CONCRETE - 155 PCF
   - STRUCTURAL STEEL - 490 PCF
   - PRESTRESSED CONCRETE - 165 PCF

   LIVE LOAD:
   - VEHICLE - AASHTO HL93

   WIND LOAD:
   - BASIC WIND SPEED - 115 MPH (3 SECOND GUST)

   THERMAL FORCES:
   - NORMAL TEMPERATURE - 64° F
   - TEMPERATURE RANGE - 36° F RISE, 64° F FALL
   - COEFFICIENT OF THERMAL EXPANSION - 0.000006.

   FUTURE WEARING SURFACE: - 25 PSF

4. TRAFFIC BARRIERS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR CRASH TEST LEVEL 4 (TL-4) RAILINGS.

5. SEISMIC DESIGN OF THIS STRUCTURE CONFORMS TO THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS USING THE FOLLOWING SITE DATA:
   - SITE CLASS - E - STIFF SOIL
   - PEAK GROUND ACCELERATION COEFFICIENT - 0.334g
   - DESIGN SPECTRAL ACCELERATION COEFFICIENT AT 0.2 SEC - 0.748g
   - DESIGN SPECTRAL ACCELERATION COEFFICIENT AT 1.0 SEC - 0.274g
   - SEISMIC DESIGN CATEGORY - D

6. THE CONCRETE IN THE ROADWAY DECK SHALL BE CLASS 4000D, THE CONCRETE IN THE APPROACH SLABS SHALL BE CLASS 4000A. ALL OTHER CONCRETE SHALL BE CLASS 4000, UNLESS NOTED ON THE PLANS. REINFORCEMENT BAR SHALL CONFORM TO ASTM A706 GR 60 UNLESS NOTED OTHERWISE.

7. UNLESS OTHERWISE SHOWN ON THE PLANS, CLEAR CONCRETE COVER FROM THE TOP OF BRIDGE DECK TO ANY REINFORCEMENT BAR SHALL BE 2½ INCHES, 1 INCH FROM THE BOTTOM OF THE BRIDGE DECK, AND 1½ INCHES FROM ALL OTHER CONCRETE SURFACES.

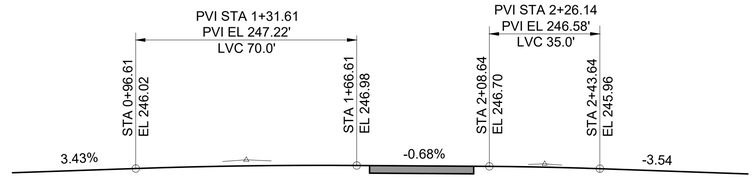
8. ALL PLAN DIMENSIONS SHOWN ARE MEASURED HORIZONTALLY UNLESS OTHERWISE NOTED, AND REFLECT THE ULTIMATE GEOMETRIC SHAPE AND LOCATION OF ALL ELEMENTS AT A MEAN TEMPERATURE OF 64° F.

9. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED ¾" UNLESS OTHERWISE SHOWN OR NOTED.

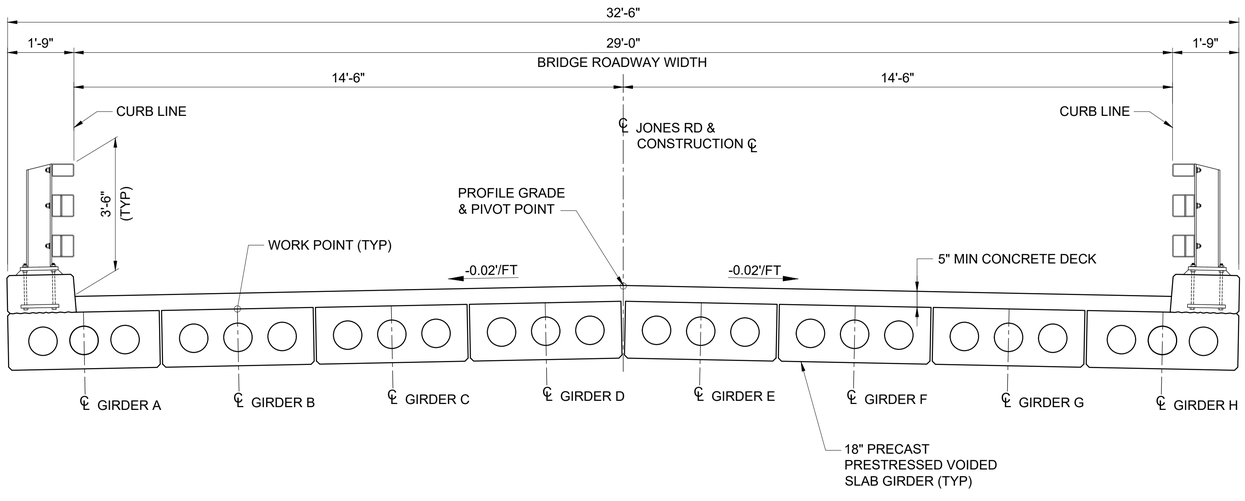
10. CONSTRUCTION JOINTS SHOWN ARE OPTIONAL UNLESS NOTED OTHERWISE.

11. FOR GEOTECHNICAL INFORMATION, SEE GEOTECHNICAL ENGINEERING REPORT PREPARED BY SAGE GEOTECHNICAL AS PUBLISHED WITH THESE BID DOCUMENTS.

12. DO NOT PLACE BACKFILL FOR ABUTMENT UNTIL SUPERSTRUCTURE CONSTRUCTION IS COMPLETE.



GRADE PROFILE



TYPICAL BRIDGE SECTION

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : NN
DRAWN BY : DJ
CHECKED BY : JK
DATE : 09/13/2024

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 21F171900171

GENERAL NOTES, BRIDGE SECTION AND PROFILE

SHEET B02 OF 22

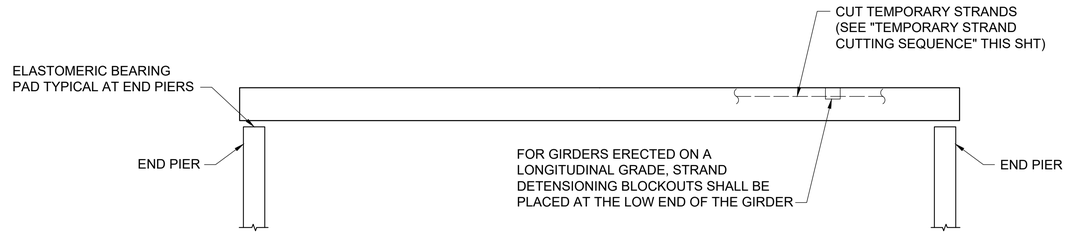
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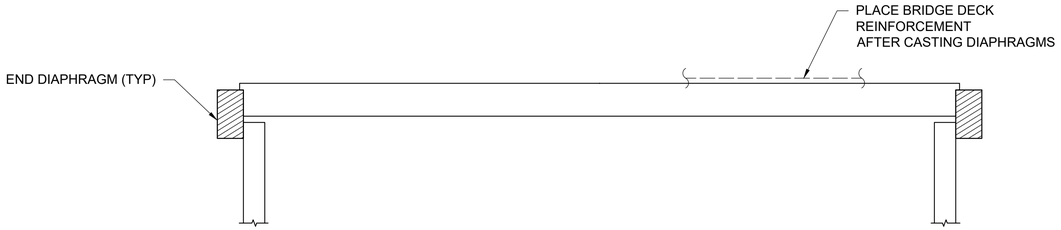
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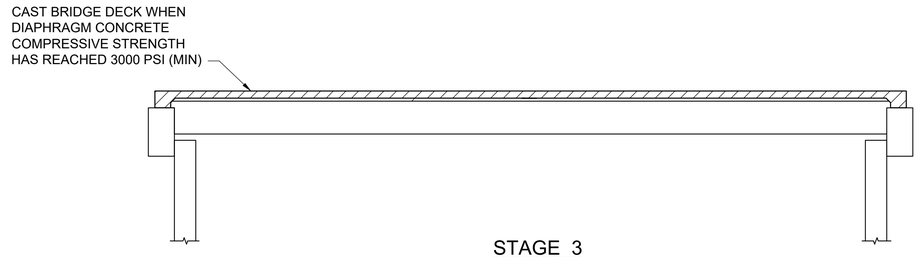


STAGE 1
SET GIRDERS IN PLACE

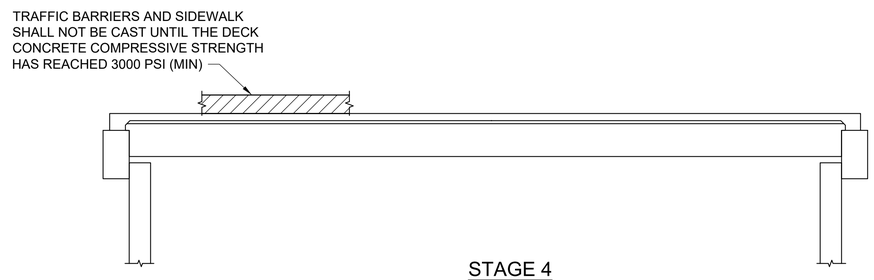
INSTALL GIRDER SUPPORT SYSTEMS
AND BEARINGS, PLACE GIRDERS



STAGE 2
CAST DIAPHRAGMS AND PLACE BRIDGE DECK REINFORCEMENT



STAGE 3
CAST BRIDGE DECK



STAGE 4
CAST TRAFFIC BARRIERS

TEMPORARY STRAND CUTTING SEQUENCE

1. ERECT AND BRACE GIRDERS.
2. JUST PRIOR TO CUTTING THE TEMPORARY STRANDS, REMOVE EXPANDED POLYSTYRENE IN BLOCKOUTS IN TOP FLANGE OF GIRDERS. ONCE THE EXPANDED POLYSTYRENE HAS BEEN REMOVED FROM THE STRAND DETENSIONING BLOCKOUT, PREVENT MOISTURE FROM ENTERING THE BLOCKOUT UNTIL THE TEMPORARY TOP STRAND IS CUT AND THE BLOCKOUT FILLED WITH GROUT.
3. CUT STRANDS IN BLOCKOUTS. STRANDS SHALL BE CUT BY USING A CUTTING TORCH AND MOVING THE FLAME BACK AND FORTH OVER THE LENGTH OF EXPOSED STRAND TO LET INDIVIDUAL WIRES BREAK ONE AT A TIME TO LESSEN THE SHOCK TO THE GIRDER. STRANDS SHALL BE RELEASED IN A SYMMETRICAL MANNER ABOUT THE GIRDER CENTERLINE STARTING WITH THOSE FURTHEST FROM THE CENTERLINE AND WORKING INWARDS.
4. WITHIN 24 HOURS OF CUTTING THE TEMPORARY STRANDS, FILL THE BLOCKOUTS WITH A GROUT CONFORMING TO STD. SPEC. 9-20.3(2). REMOVE ALL MOISTURE IN BLOCKOUTS PRIOR TO FILLING THEM WITH GROUT.

CONSTRUCTION SEQUENCE - SUPERSTRUCTURE

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Department of Public Works
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PHONE # (360) 740-1123
FAX # (360) 740-2719

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DRAWN BY : DJ
CHECKED BY : JK
DATE : 09/13/2024

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SPECIAL MAINTENANCE PROJECT NO: 21F171900171

SUPERSTRUCTURE CONSTRUCTION SEQUENCE

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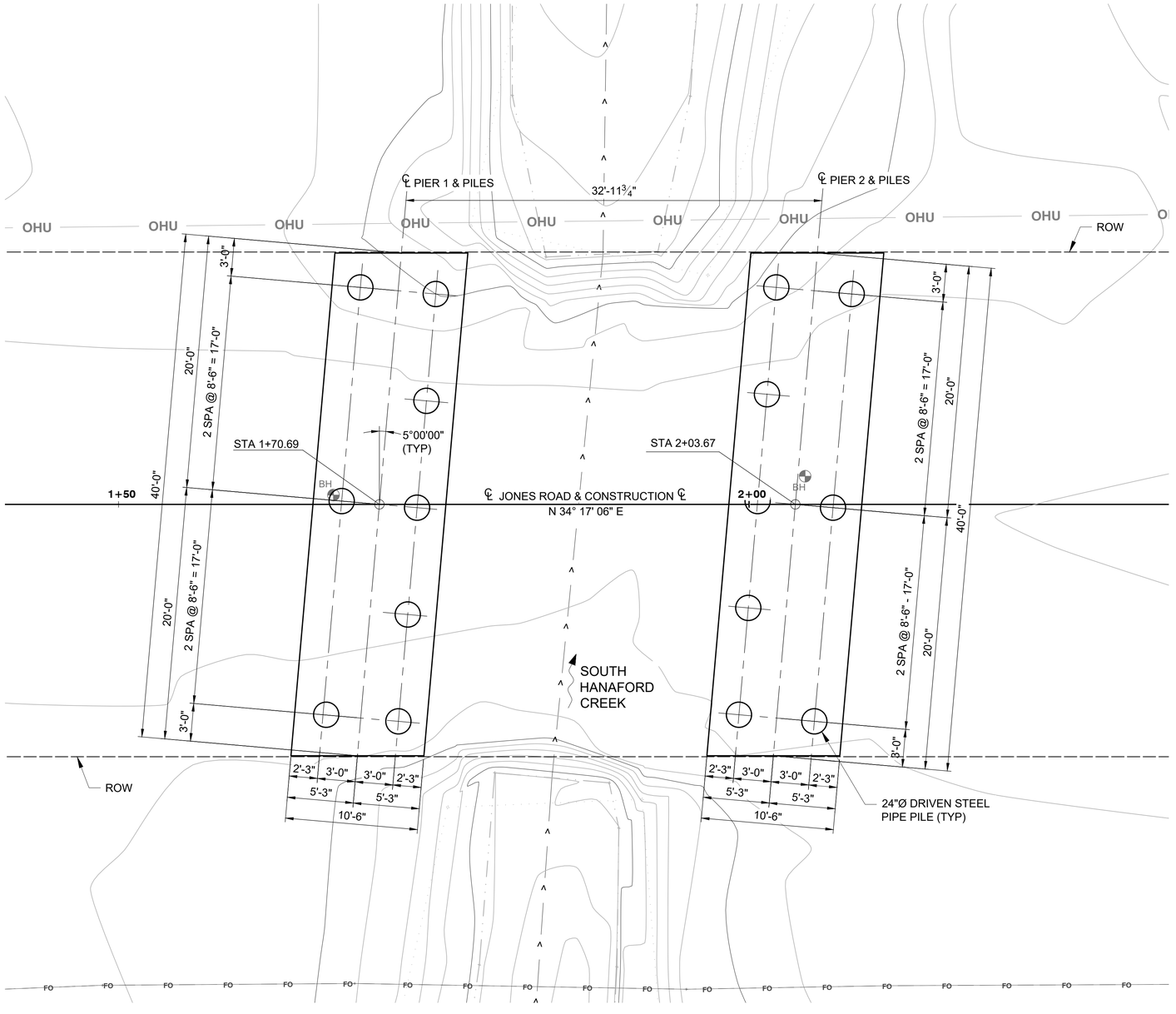
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TWP. 14/15 N. RGE 1 W.W.M.

NOTES

1. ⊕ INDICATES THE LOCATION AND DESIGNATION OF BOREHOLES. SEE GEOTECHINCAL REPORT FOR BOREHOLE EXPLORATION LOGS AND OTHER INFORMATION.
2. SEE "STEEL PIPE PILE DETAILS" SHEET FOR DETAILS AND ELEVATIONS.



0 5' 10'

SCALE: 1" = 5'
SCALE IS FOR 24" X 36" SHEETS

FOUNDATION LAYOUT

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FOUNDATION LAYOUT

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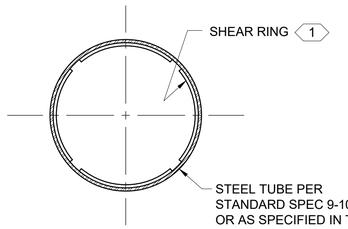
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PIER	PILE DIAMETER (D) IN.	NUMBER OF PILES	STEEL THICKNESS (T) IN.	MIN PILE TIP ELEV (FT)	ESTIMATED TIP ELEV (FT)	NOMINAL BEARING RESISTANCE (KIPS)	REQUIRED NOMINAL PILE DRIVING RESISTANCE, RNDR (KIPS)
1	24	8	5/8"	172.0	167.0	775	775
2	24	8	5/8"	172.0	167.0	775	775

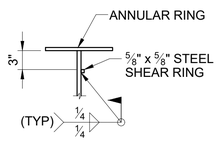
NOTES:

1. STEEL PIPE PILES SHALL COMPLY WITH ASTM A709, GRADE 50 (FY-50 KSI), API 5L X52, ASTM A588 GRADE 50, ASTM A572 GRADE 5 OR APPROVED EQUAL.
2. PILE INSTALLATION SHALL CONFORM TO SECTION 6-05, INCLUDING A WAVE EQUATION ANALYSIS AS DESCRIBED IN SECTION 6-05.3(9)A.
3. STEEL PILE FABRICATION AND MATERIAL TESTING SHALL CONFORM TO SECTION 6-05.3(5).
4. STEEL PILE SPLICES SHALL CONFORM TO SECTION 6-05.3(6).

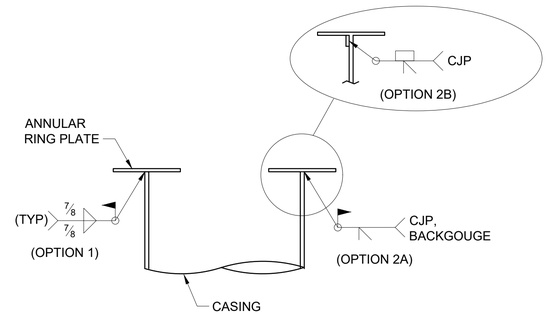


A - SECTION

1 STEEL SHEAR RING MAY BE CONTINUOUS OR DISCONTINUOUS. IF SHEAR RING IS DISCONTINUOUS, ALL SEGMENTS SHALL BE OF EQUAL LENGTH AND EQUALLY SPACED WITH THE TOTAL LENGTH OF THE SHEAR RING PIECES NOT BEING LESS THAN 75% OF THE TUBE CIRCUMFERENCE.

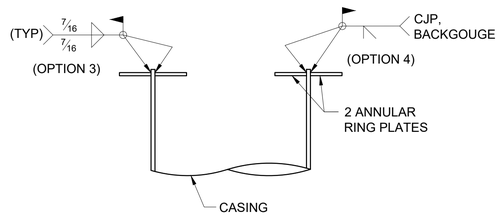


STEEL RING DETAIL



OPTION 1 AND OPTION 2

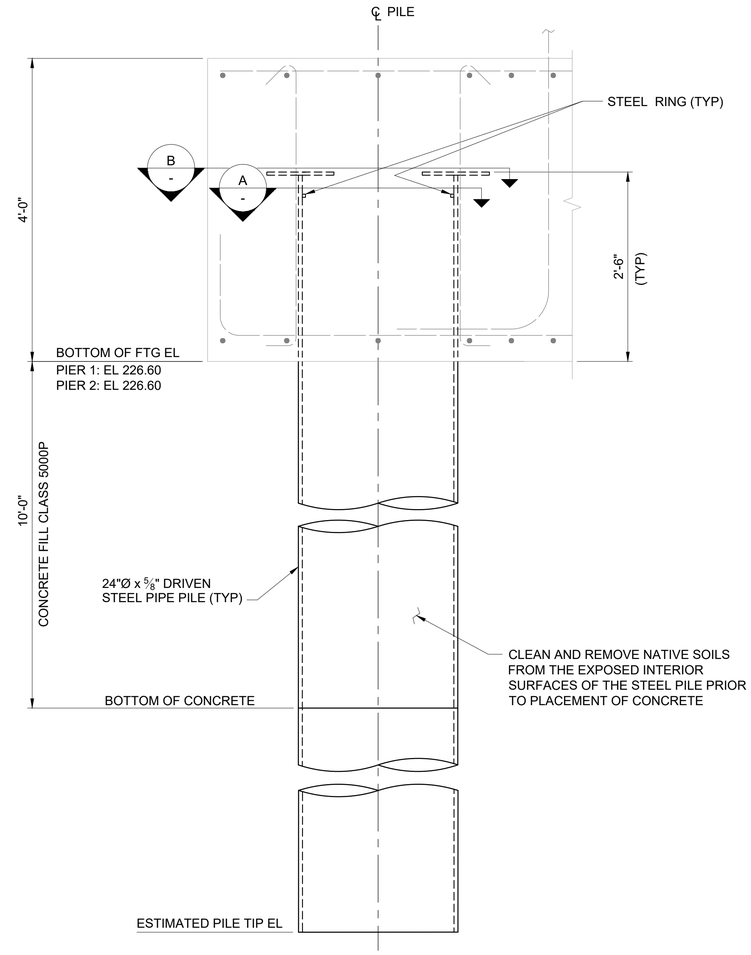
W - SIZE WELDS TO DEVELOP FULL CAPACITY OF CASING WALL



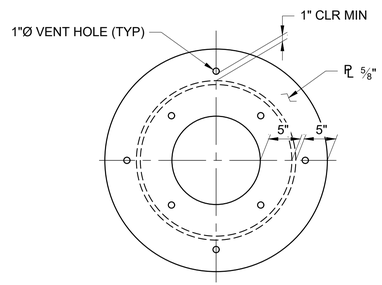
OPTION 3 AND OPTION 4

NOTE: FOR OPTION 3, THE MINIMUM FILLET WELD SIZE SHALL BE LIMITED TO MINIMUM FILLET WELD SIZE PER AWS D1.1

ANNULAR RING WELD DETAIL



STEEL PIPE PILE DETAIL



B - VIEW

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STEEL PIPE PILE DETAILS

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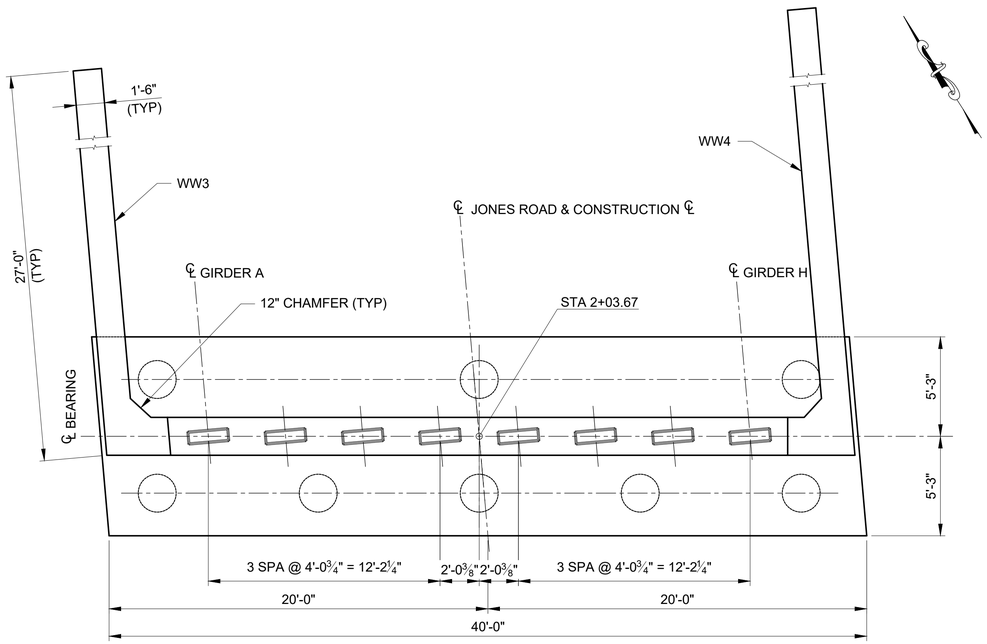
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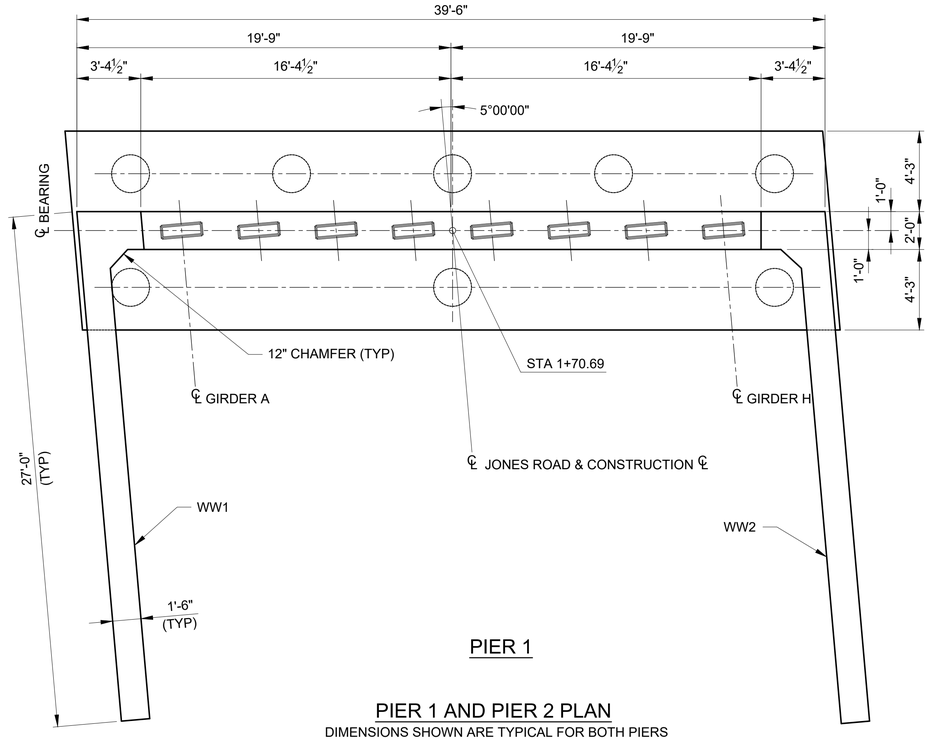
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CONTROL ELEVATIONS TABLE			
LOCATION	DESCRIPTION	PIER 1	PIER 2
SC	TOP OF STEM, CL JONES ROAD AT CL BEARING	244.77	244.54
1 SL	TOP OF STEM, LEFT END AT CL BEARING	246.62	246.40
1 SR	TOP OF STEM, RIGHT END AT CL BEARING	246.64	246.42
A	CL GIRDER A AT TOP OF GROUT PAD	244.60	244.38
B	CL GIRDER B AT TOP OF GROUT PAD	244.68	244.46
C	CL GIRDER C AT TOP OF GROUT PAD	244.77	244.54
D	CL GIRDER D AT TOP OF GROUT PAD	244.85	244.63
E	CL GIRDER E AT TOP OF GROUT PAD	244.85	244.63
F	CL GIRDER F AT TOP OF GROUT PAD	244.77	244.55
G	CL GIRDER G AT TOP OF GROUT PAD	244.70	244.47
H	CL GIRDER H AT TOP OF GROUT PAD	244.62	244.39

LOOKING AHEAD ON STATIONING.



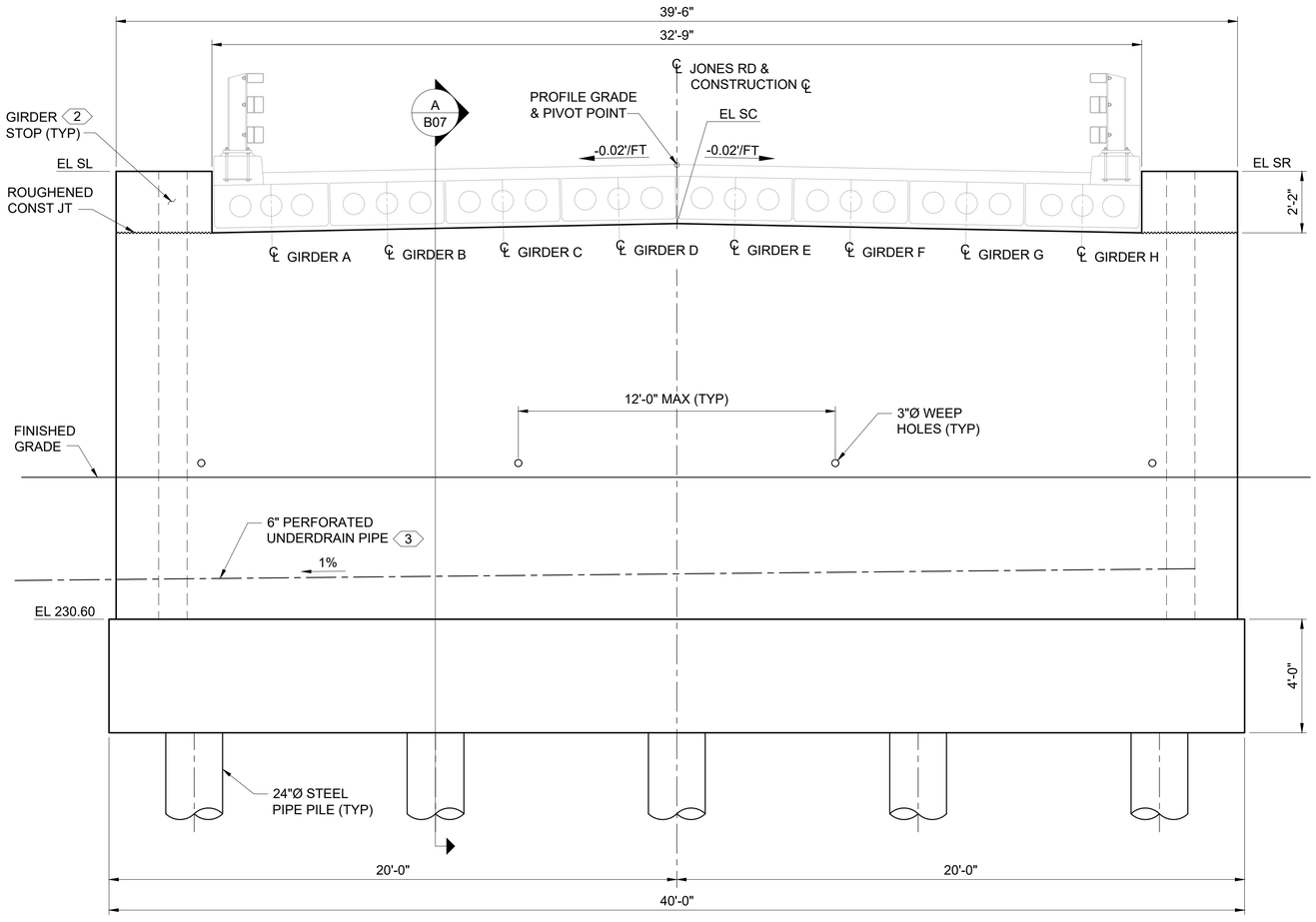
PIER 2



PIER 1

PIER 1 AND PIER 2 PLAN

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH PIERS



PIER 2 ELEVATION

LOOKING AHEAD ON STATIONING, (PIER 1 SIMILAR)
DIMENSIONS ARE SHOWN AT ℄ PIER

KEY NOTES:

1. LOOKING AHEAD ON STATIONING.
2. PLACE GIRDER STOP AFTER SETTING GIRDERS.
3. SEE CIVIL PLANS FOR OUTLET OF THE UNDERDRAIN PIPE.

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PIER 1 AND 2 PLAN AND ELEVATION

SHEET B06 OF 22

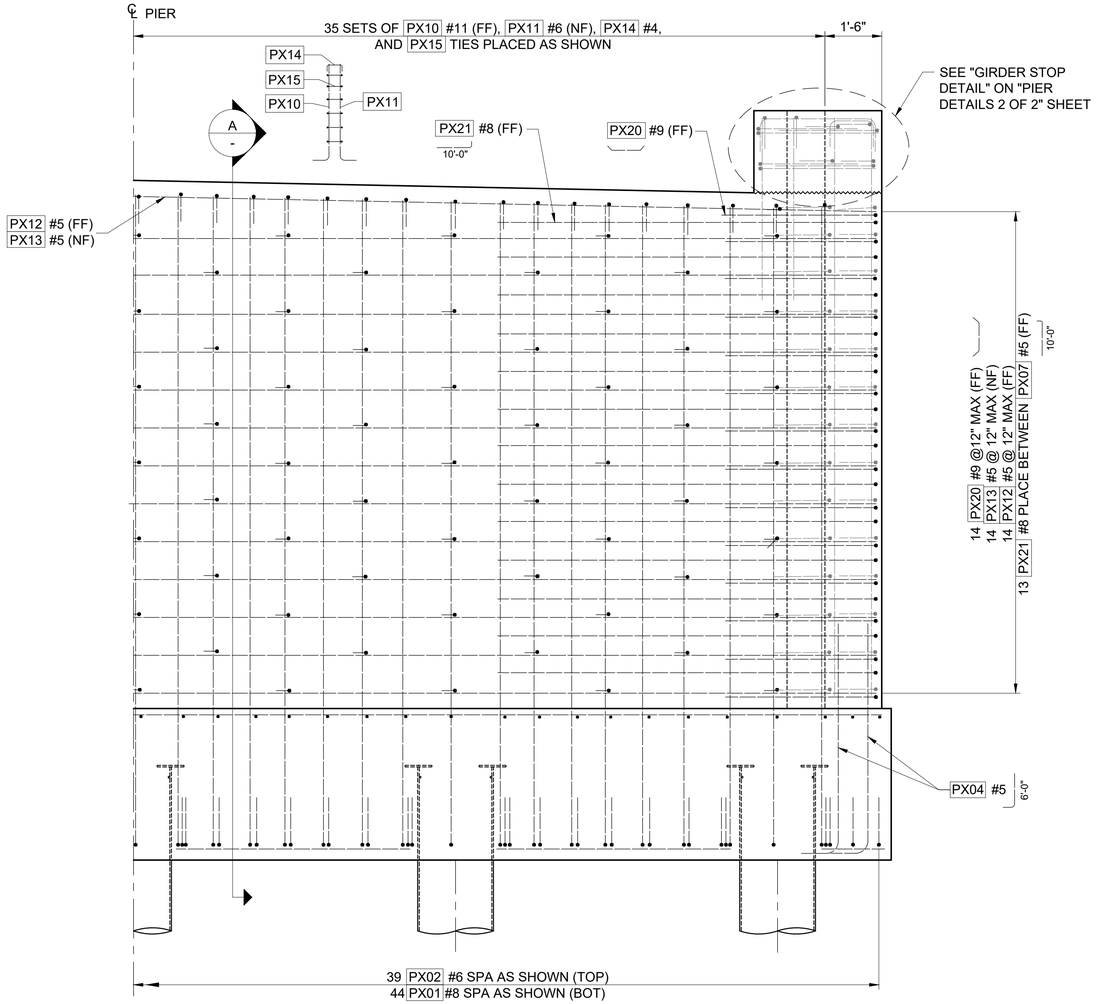
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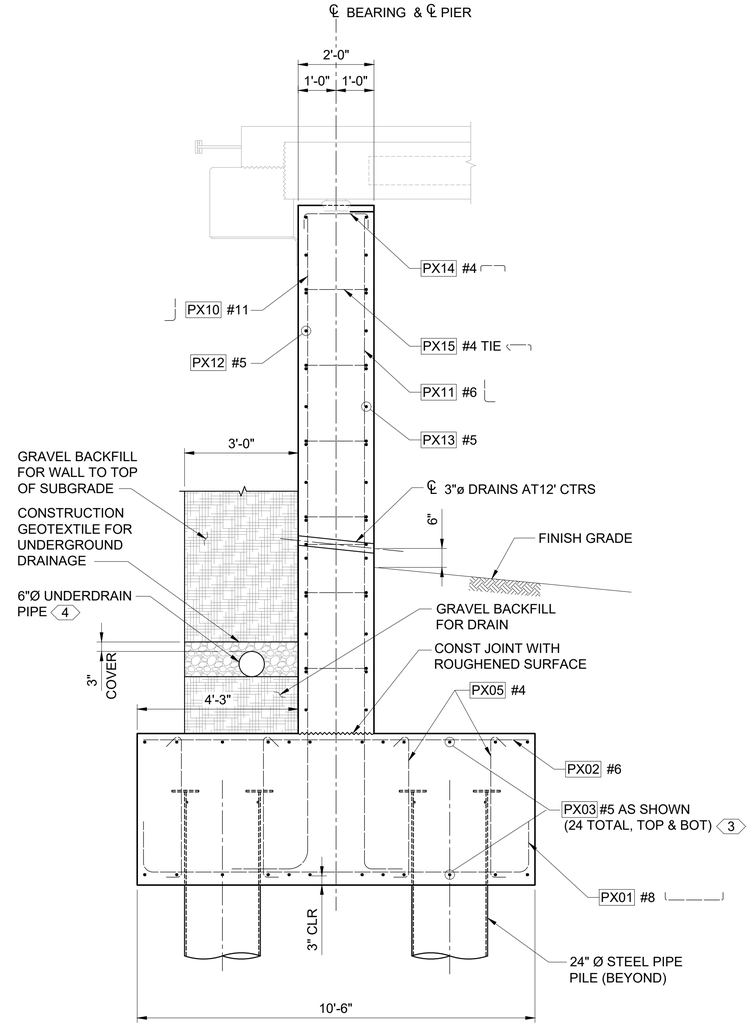
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PIER REINFORCING ELEVATION



A SECTION
-

KEY NOTES:

1. PIER REINF PLACEMENT IS SYMMETRICAL ABOUT CL OF PIER. PIER 2 SHOWN, PIER 1 SIMILAR. "X" IN REINFORCEMENT LABELS DESIGNATES THE PIER NUMBER.
2. FAN AS REQUIRED.
3. CUT AS NECESSARY TO CLEAR PILES.
4. UNDERDRAIN PIPE TO DAYLIGHT AT A MINIMUM 1% LONGITUDINAL SLOPE ON THE WEST SIDE OF THE ABUTMENT.

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PIER DETAILS 1 OF 3

SHEET B07 OF 22

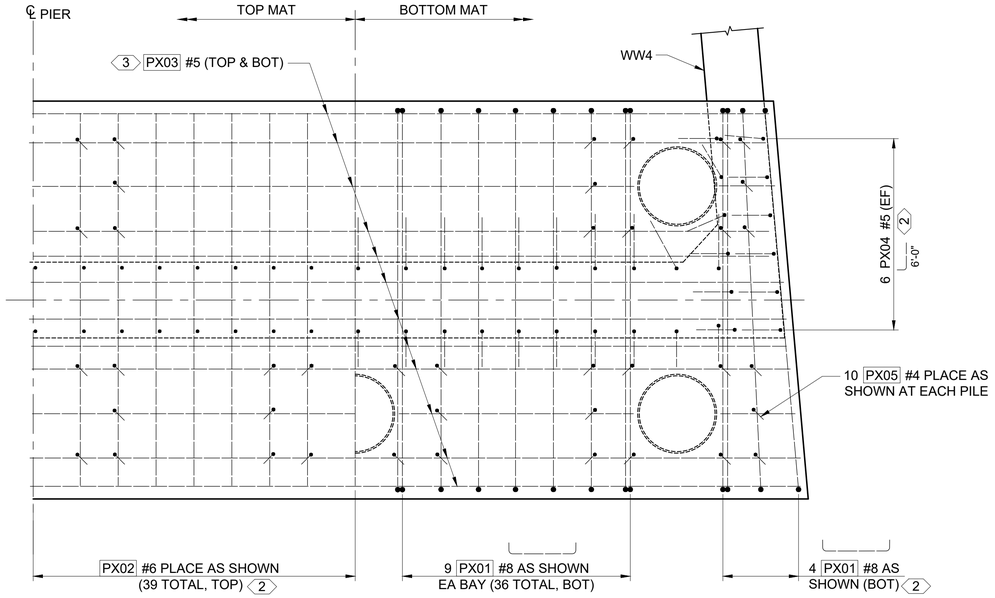
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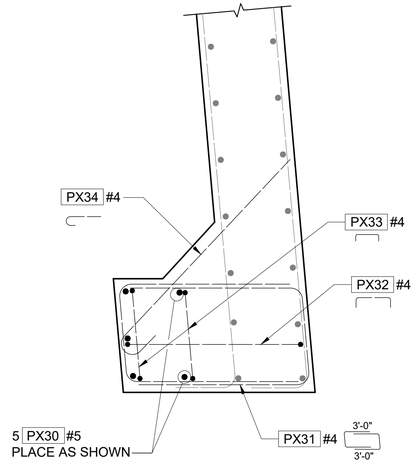
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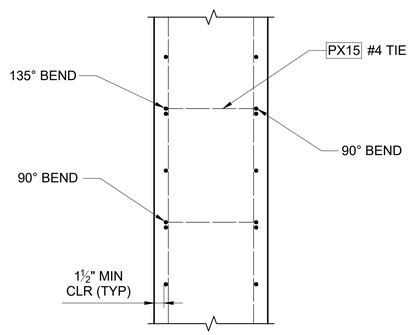


PIER 1 AND PIER 2 PLAN

1

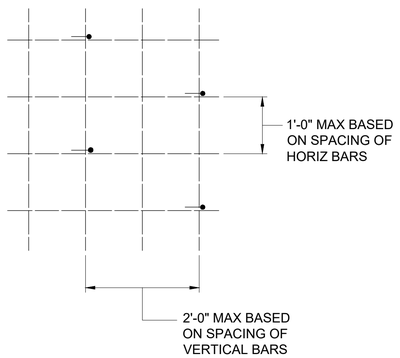


A - SECTION

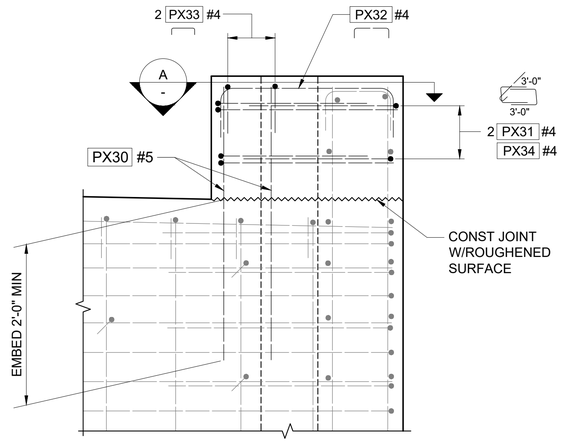


TIE BAR DETAIL

ALTERNATE 135° HOOK EVERY OTHER BAR



TIE BAR SPACING DETAIL



GIRDER STOP DETAIL

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PIER DETAILS 2 OF 3

SHEET B08 OF 22

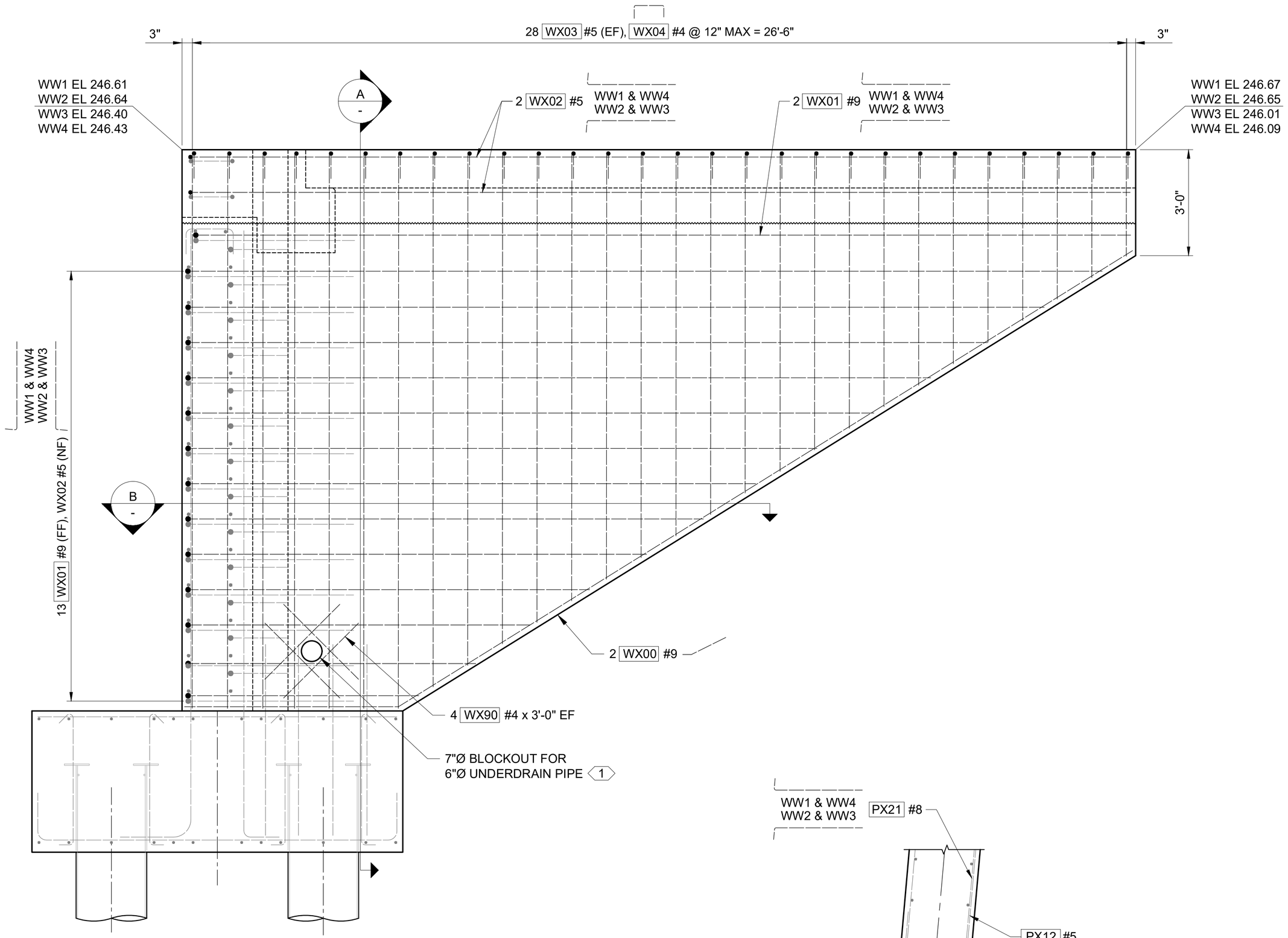
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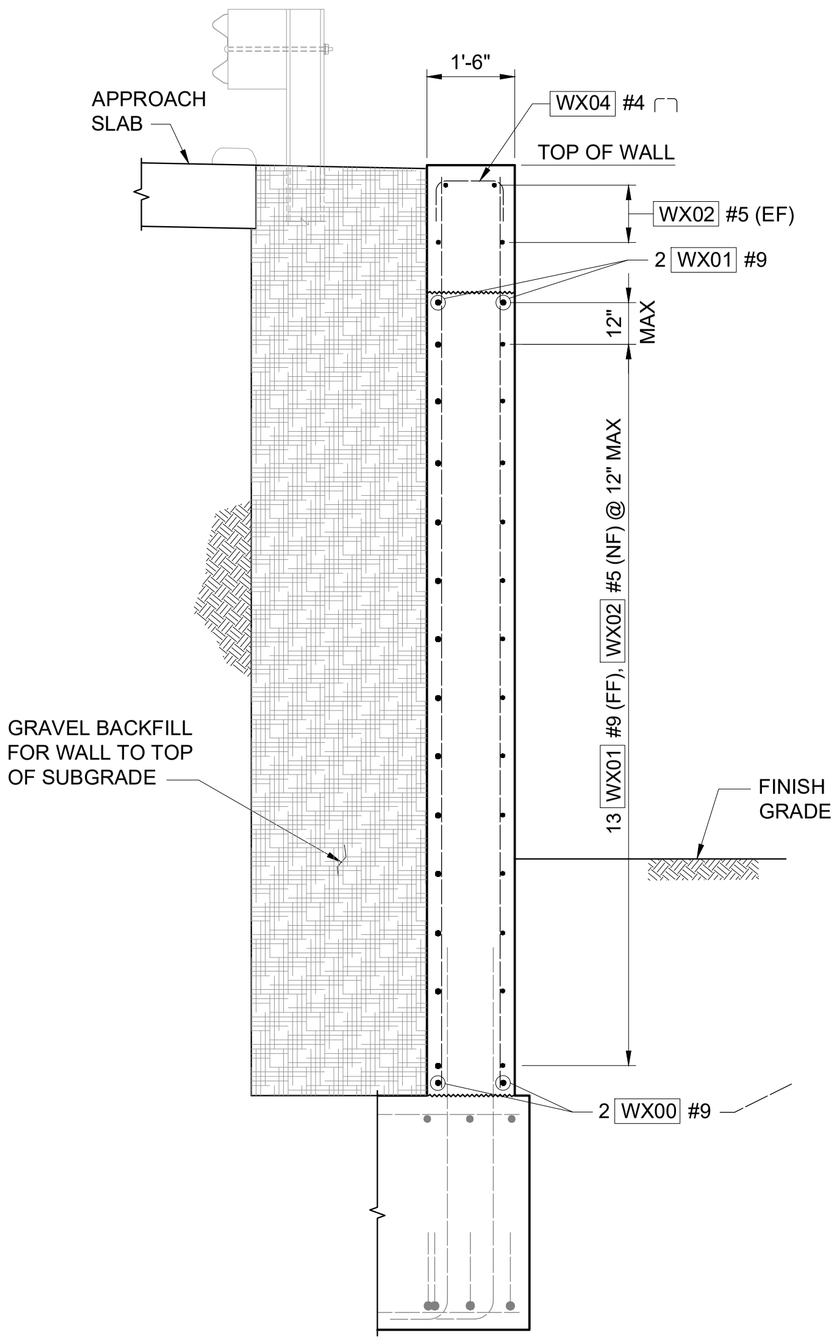
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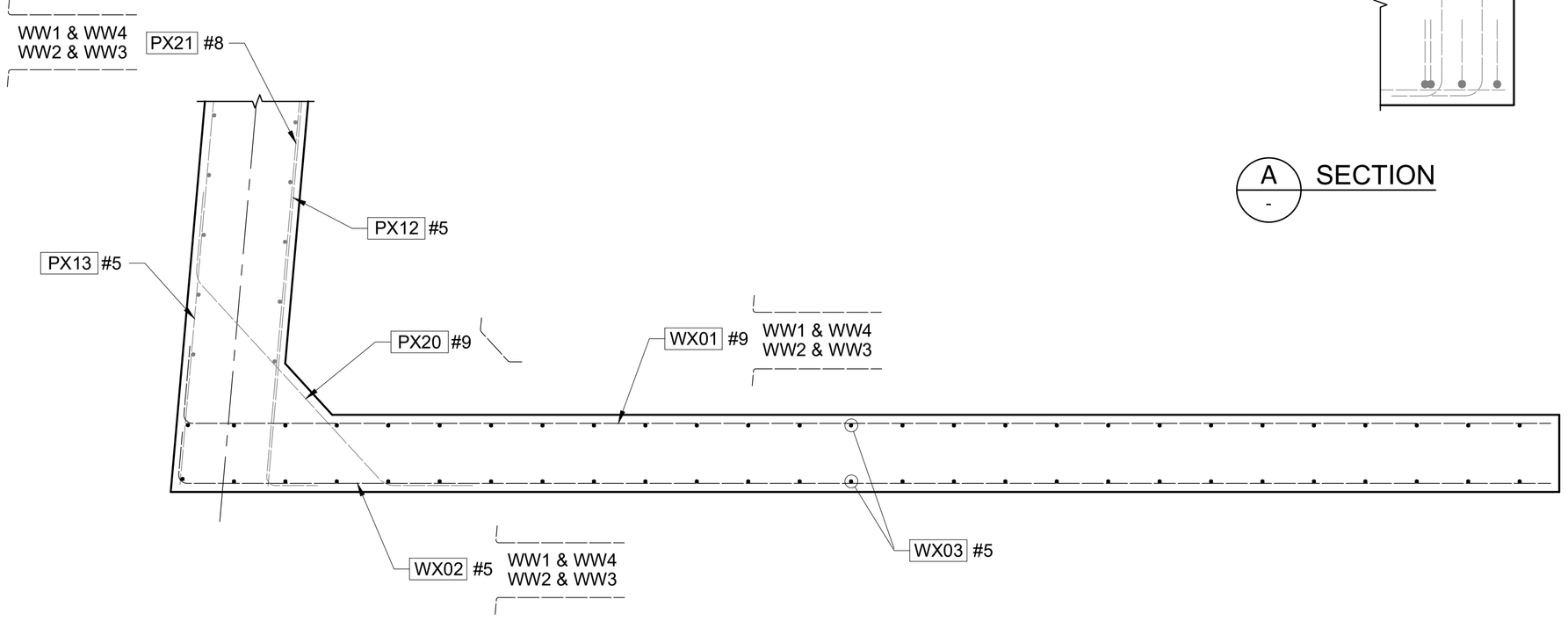
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TYPICAL WINGWALL ELEVATION



A - SECTION



B - SECTION

KEY NOTES:

(1) BLOCKOUT FOR UNDERDRAIN PIPE TO BE INSTALLED ON THE WEST SIDE OF THE ABUTMENT ONLY. THE BOTTOM OF THE BLOCKOUT SHOULD BE SET AT ELEVATION 232.0.

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PIER DETAILS 3 OF 3

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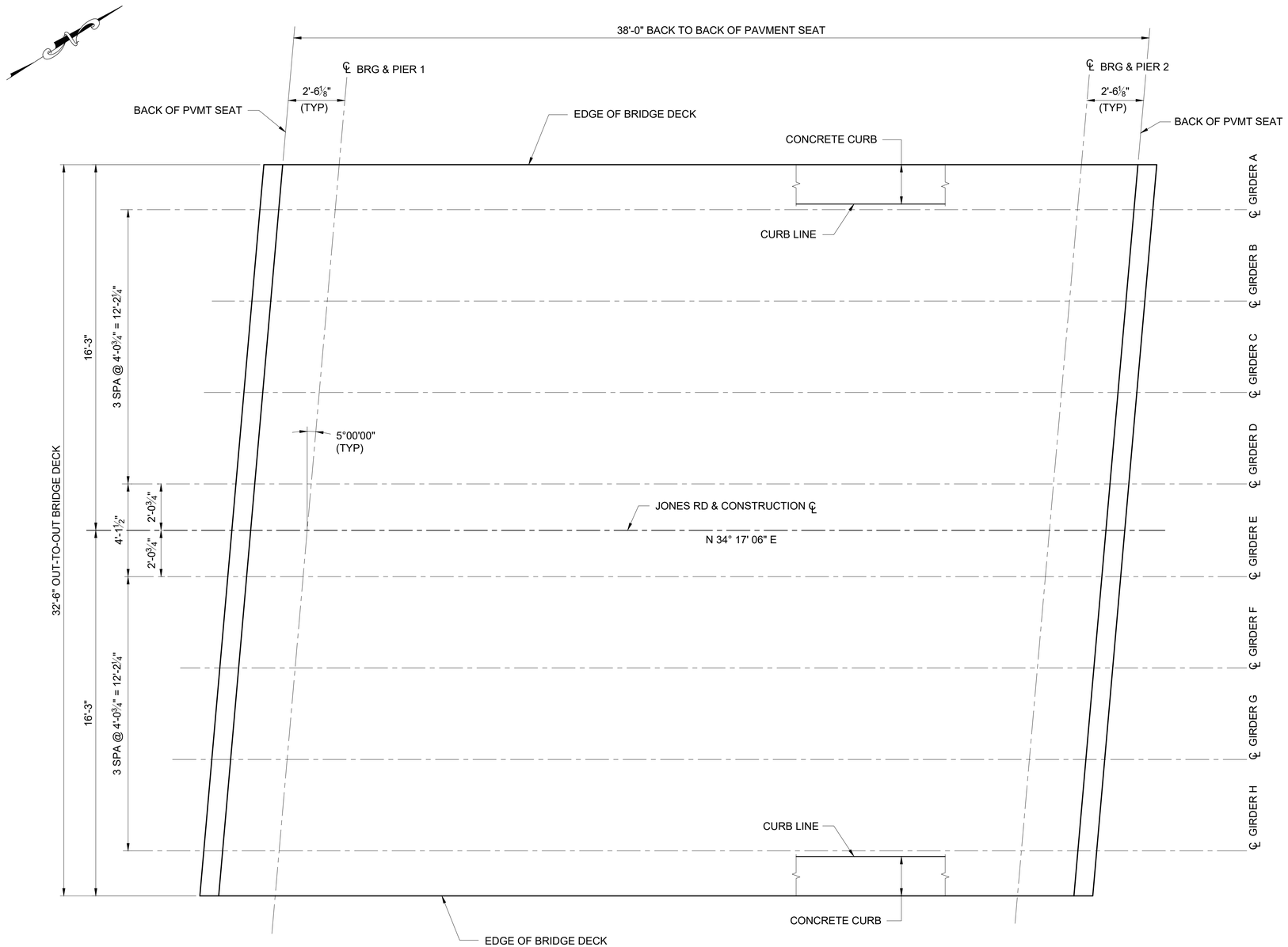
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FRAMING PLAN

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FRAMING PLAN

SHEET B10 OF 22

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GIRDER SCHEDULE

SPAN	GIRDER	GIRDER HEIGHT H	GIRDER WIDTH W	PLAN LENGTH (ALONG GIRDER GRADE) (SEE GIRDER NOTE 1)	GIRDER END DETAILS						MIN CONC COMPRESSIVE STRENGTH		PRESTRESSING STRANDS (SEE GIRDER NOTES 2-4)								"A" DIMENSION AT ℄ BEARINGS	DECK SCREED CAMBER C	MIDSPAN VERTICAL DEFLECTION D		TRANSVERSE REINFORCEMENT									LONGITUDINAL REINFORCEMENT				SHIPPING AND HANDLING DETAILS					
					NUMBER	DIAMETER	END 1 TYPE	END 2 TYPE	θ_1	θ_2	@ 28-DAYS F'C (KSI)	@ RELEASE F'CI (KSI)	ROW 1			ROW 2			TOP ROW						ZONE 1			ZONE 2			ZONE 3			G1		G2		MAX MIDSPAN VERTICAL DEFLECTION AT SHIPPING	L	L1	L2	K_θ MINIMUM SHIPPING SUPPORT ROTATIONAL SPRING CONSTANT	W_{CC} MINIMUM SHIPPING SUPPORT CNTR-TO-CNTR WHEEL SPACING
													PERMANENT STRANDS	EXTENDED NUMBER AND LENGTH	DEBONDED NUMBER AND LENGTH	PERMANENT STRANDS	EXTENDED NUMBER AND LENGTH	DEBONDED NUMBER AND LENGTH	PERMANENT STRANDS	TEMPORARY STRANDS			LOWER BOUND @ 40 DAYS	UPPER BOUND @ 120 DAYS	BAR SIZE	SPACING	LENGTH	BAR SIZE	SPACING	LENGTH	BAR SIZE	SPACING	LENGTH	BAR SIZE	NO. OF BARS	BAR SIZE	NO. OF BARS						
1	A-H	1'-6"	4'-0"	35'-8¾"	3	9"	A	A	95	95	5.0	4.0	11	4, 1'-4"	2, 3'-0"	-	-	-	2	2	6 ¼"	⅛"	¼"	⅝"	#5	3"	1-0"	#5	5"	5'-0"	#5	6"	7'-0"	#4	4	#4	4	½"	1'-9"	1'-6"	1'-6"	80,000 KIP-IN/RAD	8'-0"

GIRDER NOTES:

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL STRANDS SHALL BE 0.6"Ø AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI (43.94 KIPS PER STRAND). STRANDS SHALL BE SYMMETRICAL ABOUT THE GIRDER CENTERLINE. EXTERIOR STRANDS IN EACH ROW SHALL BE FULLY BONDED.
3. SPACE EXTENDED STRANDS SYMMETRICALLY AND EVENLY ACROSS GIRDER WIDTH.
4. DEBONDED STRANDS SHALL BE DEBONDED AT EACH GIRDER END FOR THE INDICATED LENGTH PARALLEL TO THE GIRDER CENTERLINE. DEBONDED STRANDS SHALL NOT BE EXTENDED PAST GIRDER ENDS. DEBONDED STRANDS SHALL BE SYMMETRICALLY PLACED ABOUT THE GIRDER CENTERLINE. DEBONDED LENGTHS OF PAIRS OF STRANDS THAT ARE SYMMETRICALLY POSITIONED ABOUT THE GIRDER CENTERLINE SHALL BE EQUAL.

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PRESTRESSED SLAB GIRDER DETAILS 1 OF 3

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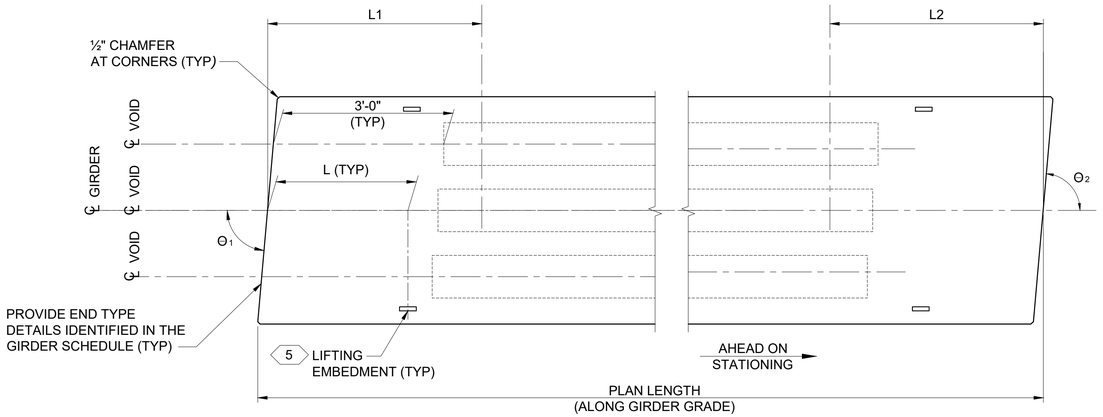
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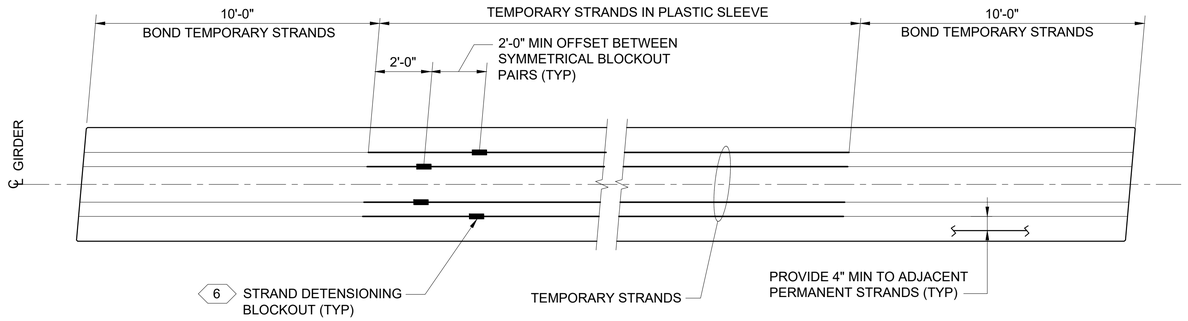
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PROFESSIONAL ENGINEER
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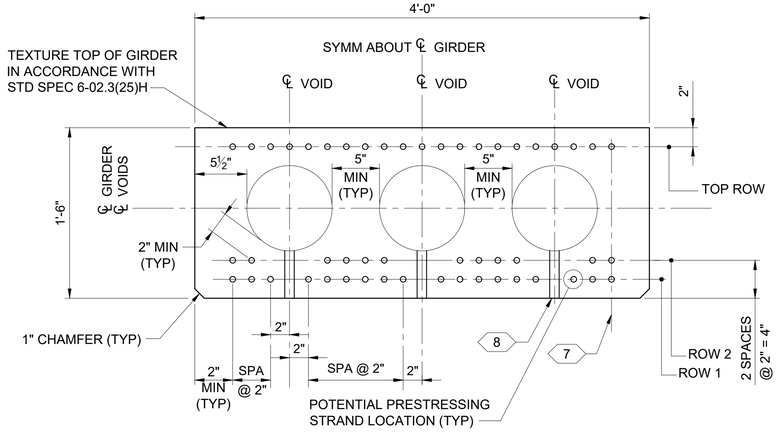
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GIRDER PLAN

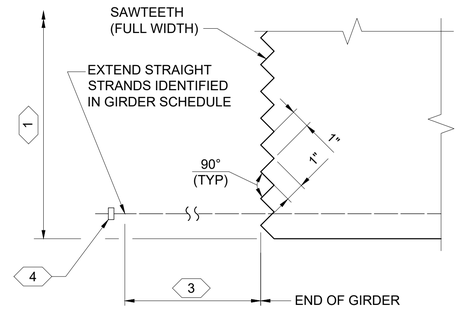


TEMPORARY STRANDS PLAN



TYPICAL GIRDER SECTION

TYPICAL INTERIOR GIRDER SHOWN.
EXTERIOR GIRDER SIMILAR



END TYPE A

GENERAL NOTES:

1. SEE GIRDER SCHEDULE FOR REQUIRED NUMBER OF TEMPORARY STRANDS. TEMPORARY STRANDS SHALL BE PLACED IN THE TOP ROW.
2. FOR GIRDERS ERECTED ON A LONGITUDINAL GRADE, STRAND DETENSIONING BLOCKOUTS SHALL BE PLACED AT THE LOW END OF THE GIRDER.
3. SEE "TEMPORARY STRAND CUTTING SEQUENCE" ON "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET FOR TEMPORARY STRAND DETENSIONING PROCEDURE.

KEY NOTES:

1. CUT ALL STRANDS FLUSH WITH THE GIRDER END AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN.
2. CUT ALL STRANDS 1" BELOW CONCRETE SURFACE AND GROUT WITH AN APPROVED EPOXY GROUT.
3. EXTENSION LENGTH PARALLEL TO ℄ GIRDER. 1'-4" FOR END TYPE A.
4. $1^{11}/_{16}$"Ø MIN STRAND CHUCK OR ASTM A108 $2^{3}/_{4}$"Ø x $1^{1}/_{8}$" STRAND ANCHOR. ANCHOR STRAND WITH WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.
5. INSTALL LIFTING EMBEDMENTS IN ACCORDANCE WITH STD. SPEC. 6-02.3(25)L. REMOVE TO TOP OF GIRDER AFTER ERECTION.
6. 2½" x 6" x 2½" DEEP BLOCKOUT FOR STRAND DETENSIONING. FORM WITH EXPANDED POLYSTYRENE. REMOVE POLYSTYRENE JUST PRIOR TO CUTTING THE TEMPORARY STRANDS AND PREVENT MOISTURE FROM ENTERING THE BLOCKOUT AS DESCRIBED IN THE TEMPORARY STRAND CUTTING SEQUENCE.
7. EXTERIOR STRAND POSITIONS IN EACH ROW SHALL BE FILLED FIRST AND SHALL BE PERMANENT AND FULLY BONDED.
8. 1"Ø POLYETHYLENE PIPE DRAIN AT BOTH ENDS OF EACH VOID. ENSURE WATER WITHIN VOID WILL DRAIN AFTER CASTING GIRDER.

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CHECKED BY : JK
DATE : 09/13/2024

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SPECIAL MAINTENANCE PROJECT NO: 21F171900171

PRESTRESSED SLAB GIRDER DETAILS 2 OF 3

SHEET B12 OF 22

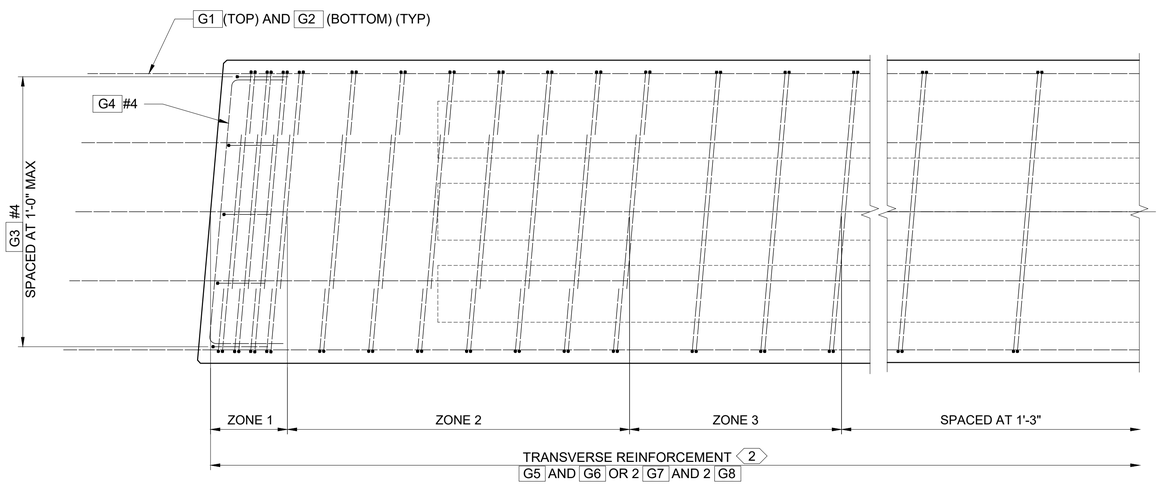
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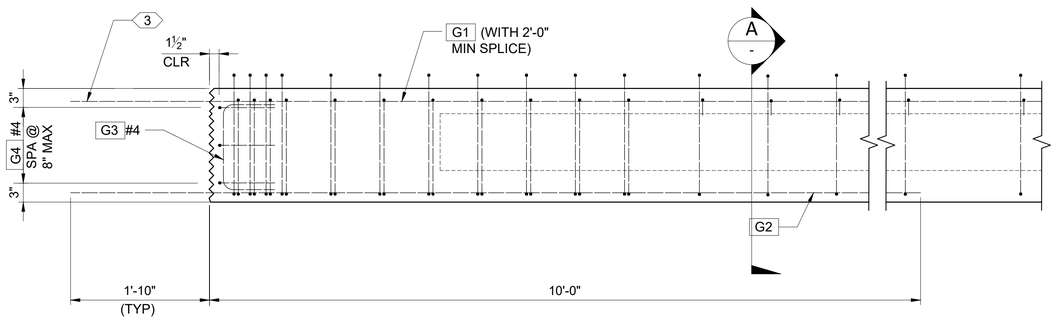
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PLAN
1



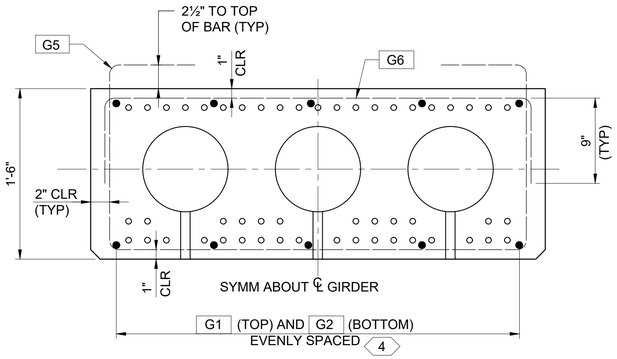
TRANSVERSE REINFORCEMENT OPTIONS
STRANDS NOT SHOWN

REINFORCING NOTES:

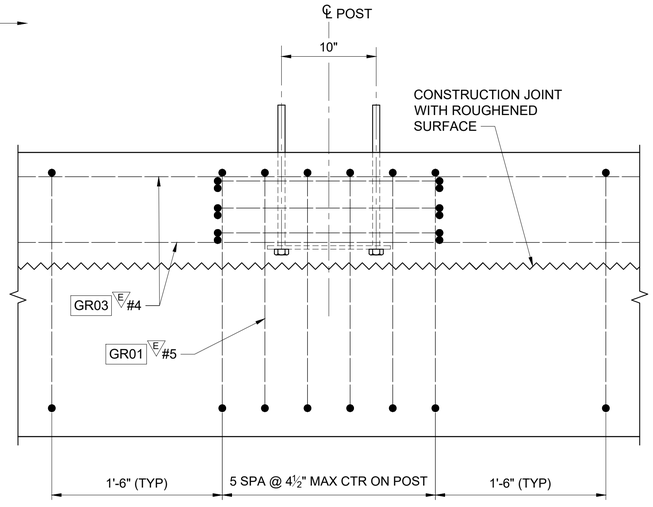
1. DEFORMED WELDED WIRE REINFORCEMENT MAY BE SUBSTITUTED FOR MILD REINFORCEMENT IN ACCORDANCE WITH STANDARD SPECIFICATION 6-02.3(25)A.

KEY NOTES:

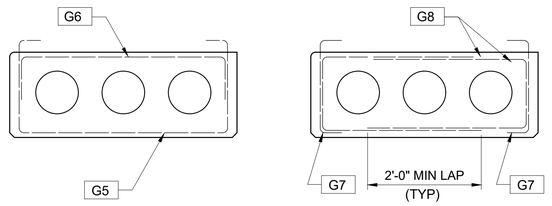
1. TRAFFIC BARRIER BARS NOT SHOWN FOR CLARITY. SEE TRAFFIC BARRIER SHEETS FOR DETAILS AND LOCATIONS. OTHER END SIMILAR. STRANDS NOT SHOWN.
2. SEE GIRDER SCHEDULE FOR BAR SIZE AND SPACING AND LENGTH OF ZONES.
3. FIELD BEND G1 TO OBTAIN 1½" COVER AT PAVEMENT SEAT IF NECESSARY. DO NOT EXTEND AND PROVIDE 1½" CLEAR TO GIRDER END FOR END TYPE B.
4. MAY BE BUNDLED IF SPACING DOES NOT EXCEED 1'-0". SEE GIRDER SCHEDULE.
5. FOR CURB REINFORCING PLACEMENT, ANCHOR BOLT DETAILS, AND DETAILS NOT SHOWN, SEE "BRIDGE RAILING DETAILS" SHEETS.



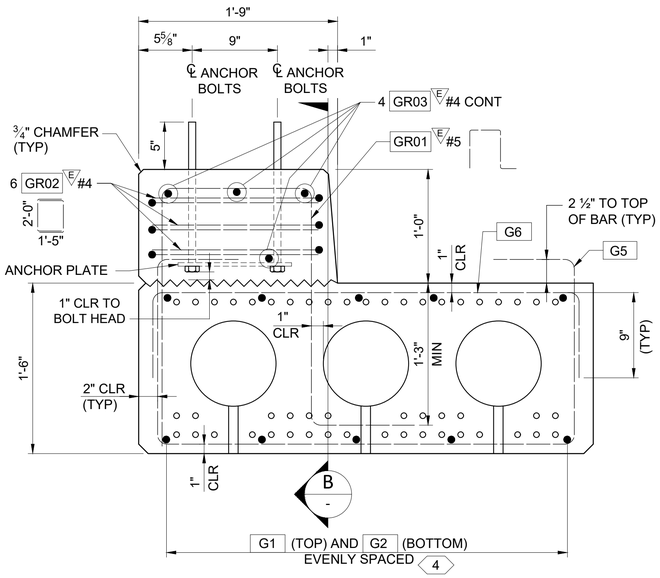
A - TYP INTERIOR GIRDER SECTION
G5 AND G6 SHOWN,
2 G7 AND 2 G8 SIMILAR



B - VIEW
SLAB DETAILS NOT SHOWN FOR CLARITY



TRANSVERSE REINFORCEMENT OPTIONS



A - TYP EXTERIOR SECTION 5
SHOWN AT CURB MOUNT RAIL POST
G5 AND G6 SHOWN,
2 G7 AND 2 G8 SIMILAR

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							SPECIAL MAINTENANCE PROJECT NO: 21F171900171 PRESTRESSED SLAB GIRDER DETAILS 3 OF 3

SHEET B13 OF 22

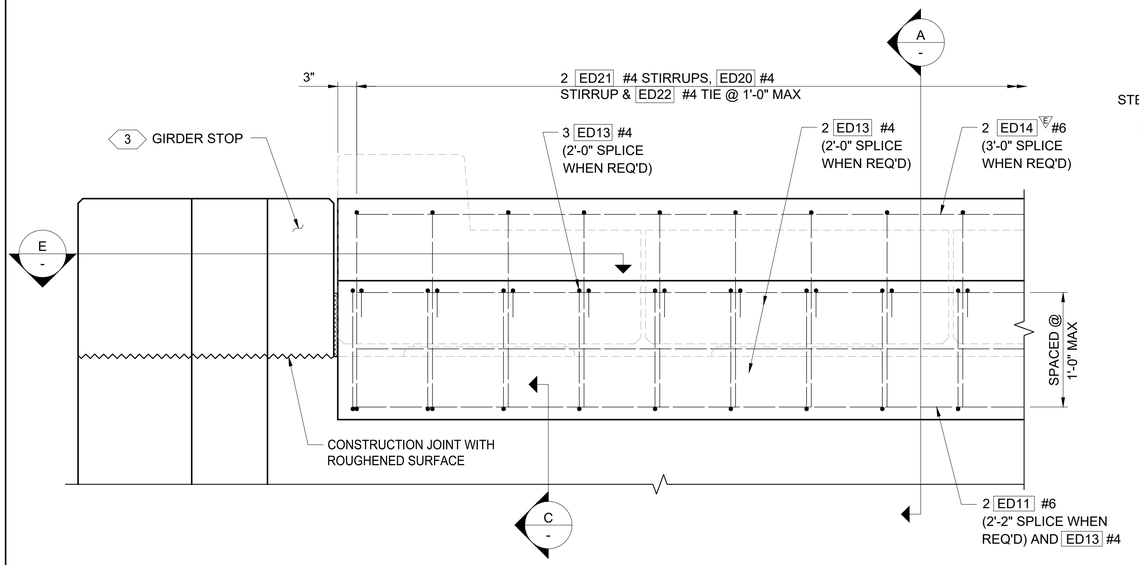
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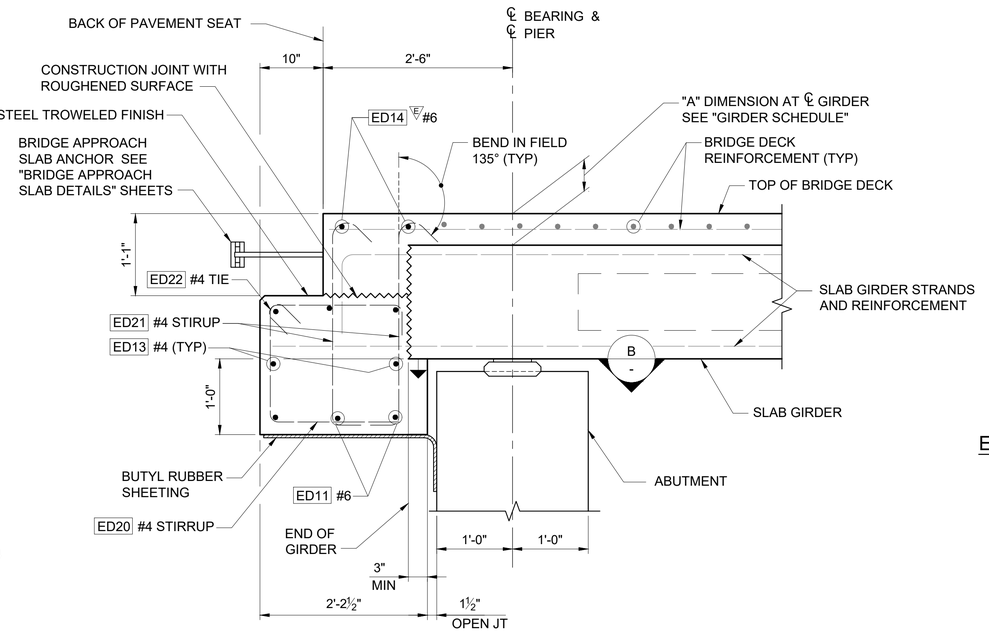
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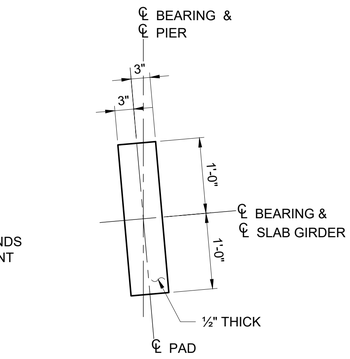
END DIAPHRAGM ELEVATION

DIMENSIONS ARE PARALLEL TO ℄ PIER

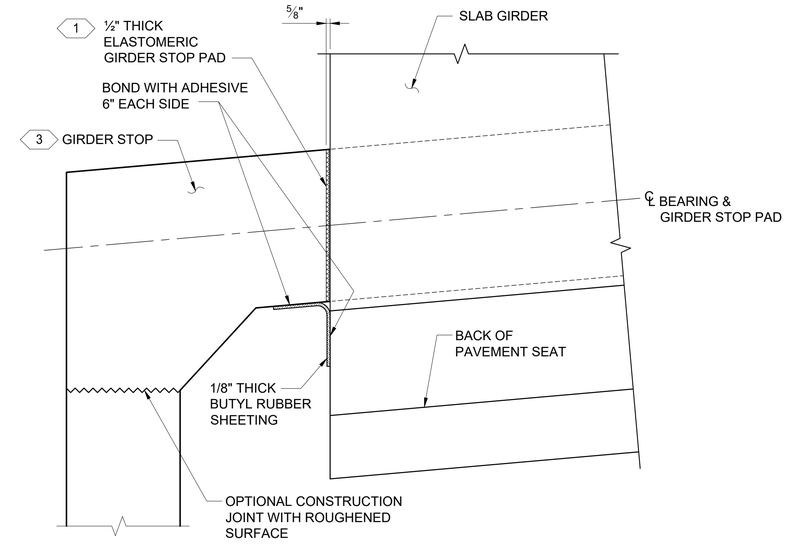


A - SECTION

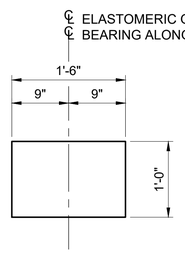
DIMENSIONS ARE NORMAL TO ℄ PIER



ELASTOMERIC BEARING PAD

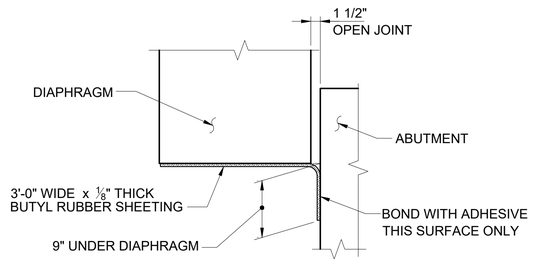


E - SECTION

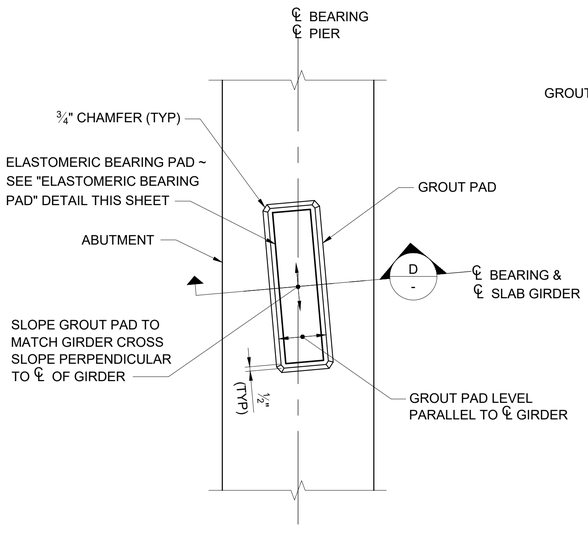


ELASTOMERIC GIRDER STOP PAD

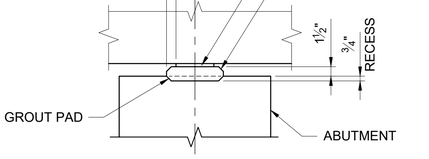
SHEAR MODULUS = 165 PSI



C - SECTION



B - VIEW 2



D - SECTION

KEY NOTES:

1. BOND TO GIRDER STOP WITH APPROVED ADHESIVE.
2. FULL BEARING OF SLAB UNIT IS REQUIRED AT EACH ELASTOMERIC BEARING.
3. GIRDER STOPS SHALL BE CONSTRUCTED AFTER GIRDER PLACEMENT.

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END DIAPHRAGM DETAILS

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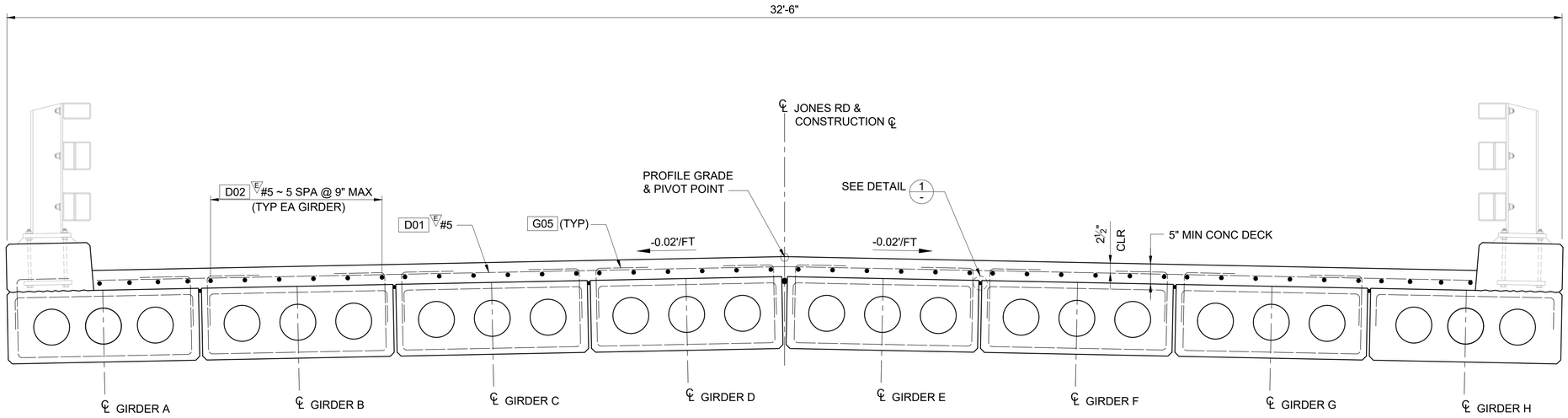
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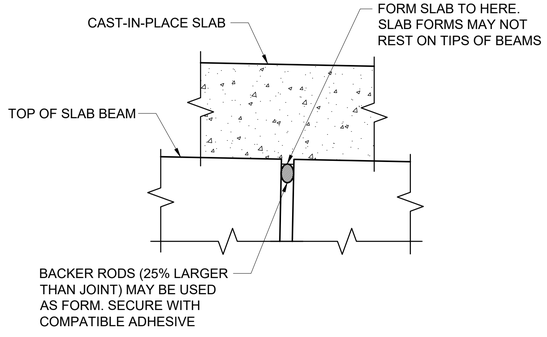
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TYPICAL DECK REINFORCING SECTION

SECTION PERPENDICULAR TO GIRDERS
SEE "GENERAL NOTES, BRIDGE SECTION AND PROFILE" SHEET FOR DETAILS NOT SHOWN. SEE "DECK REINFORCING PLAN" FOR REINFORCEMENT LAYOUT.



DETAIL 1 –

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DECK REINFORCING - TYPICAL SECTION

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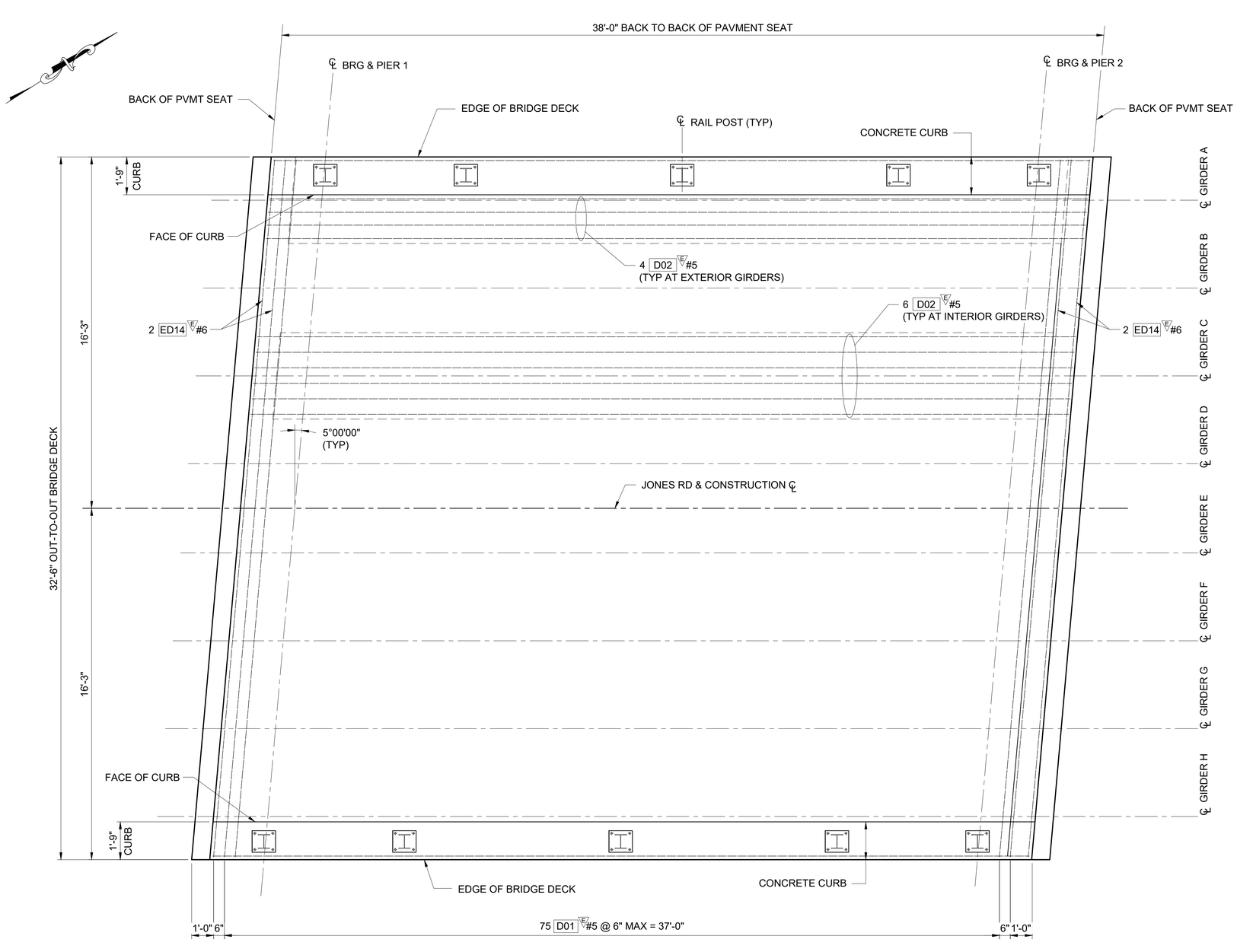
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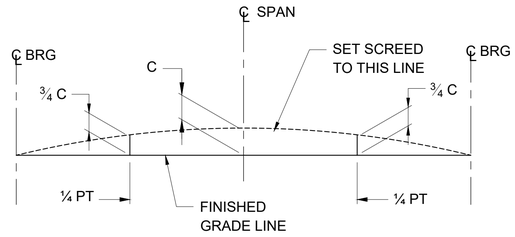
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DECK REINFORCING PLAN



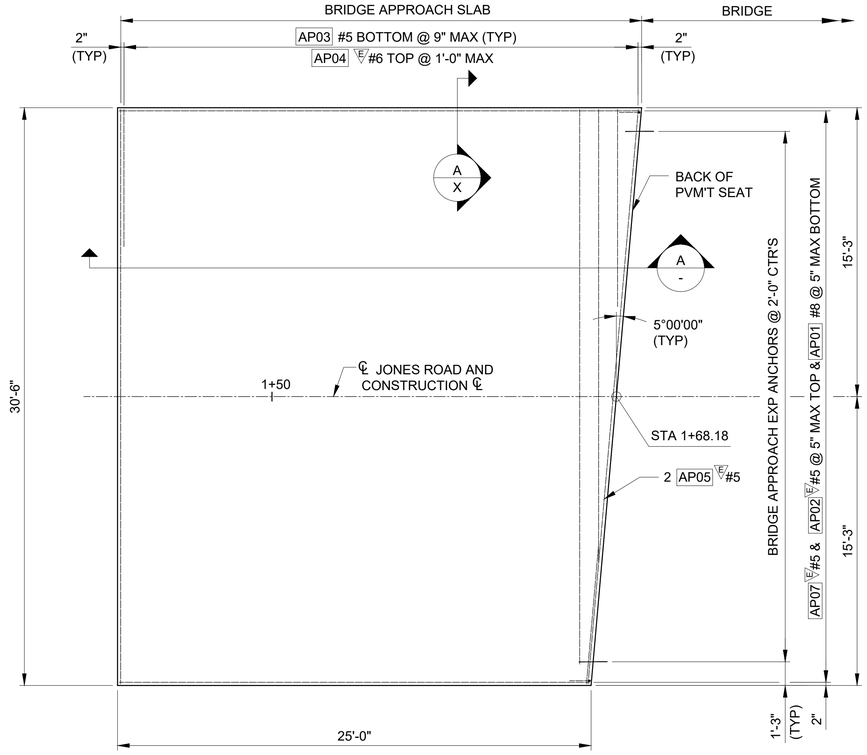
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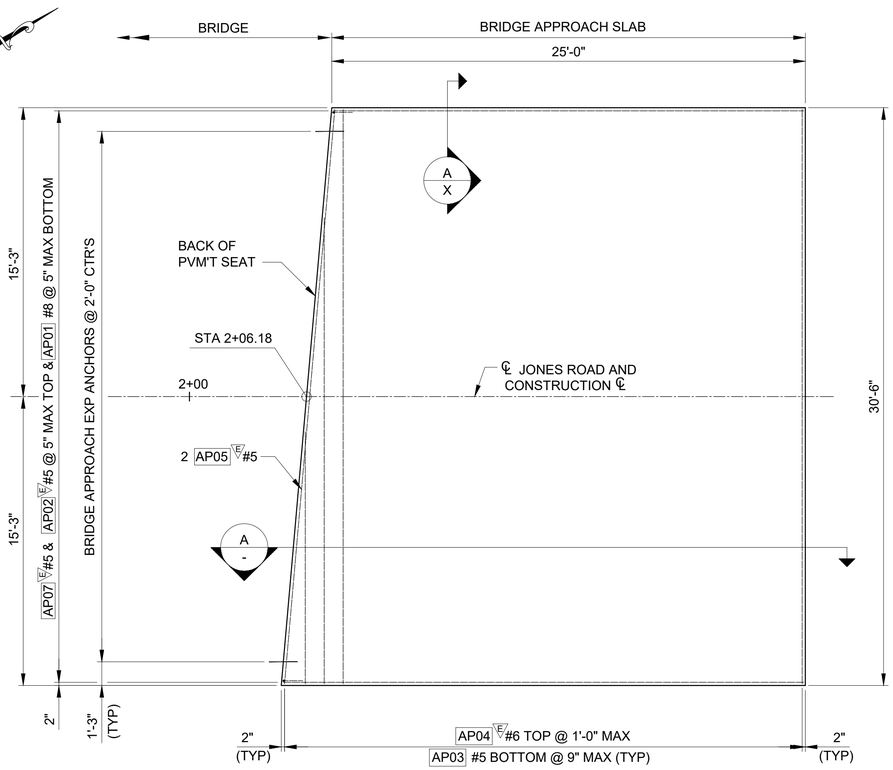
FOR DIMENSION "C" SEE GIRDER SCHEDULE

Lewis County Department of Public Works	57 WEST MAIN ST. CHEHALIS WA 98532 PHONE # (360) 740-1123 FAX # (360) 740-2719	DESIGNED BY : NN DRAWN BY : DJ CHECKED BY : JK DATE : 09/13/2024	NO. / DATE / REVISION / BY / APP.
JONES ROAD MP 1.71	SPECIAL MAINTENANCE PROJECT NO: 21F171900171 DECK REINFORCING PLAN	SHEET B16 OF 22	CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555 "It's the Law" Utilities Underground Location Center
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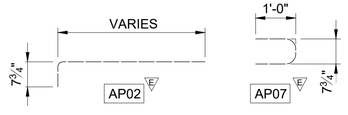


PLAN

GENERAL NOTES:

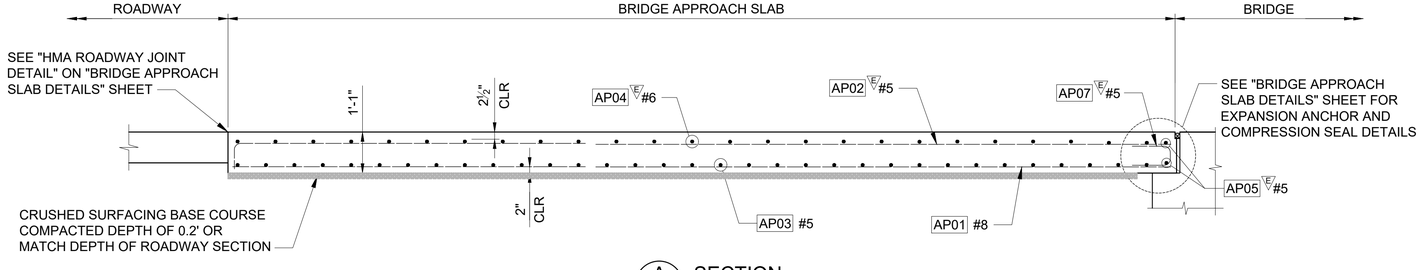
1. ALL EDGES OF BRIDGE APPROACH SLAB SHALL HAVE ½" RADIUS UNLESS SHOWN OTHERWISE.
2. THE MINIMUM LAP SPLICE OF #5 IS 2'-0", E #5 IS 2'-6", E #6 IS 3'-0", AND #8 IS 3'-3". ALL LAP SPLICES SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF REBAR IS SPLICED AT THE SAME LOCATION. LAP SPLICES SHALL BE LOCATED WITHIN THE MIDDLE HALF OF THE BRIDGE APPROACH SLAB. OPTIONAL SPLICES ARE ALLOWED FOR AP04 E #6.

BENDING DIAGRAM



E = EPOXY COATED REINFORCING STEEL

NOTE: ALL DIMENSIONS ARE OUT TO OUT



A - SECTION

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BRIDGE APPROACH SLAB LAYOUT

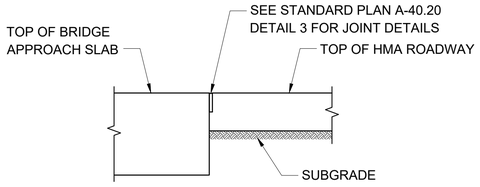
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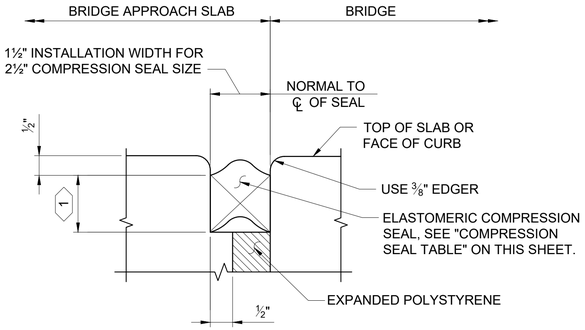
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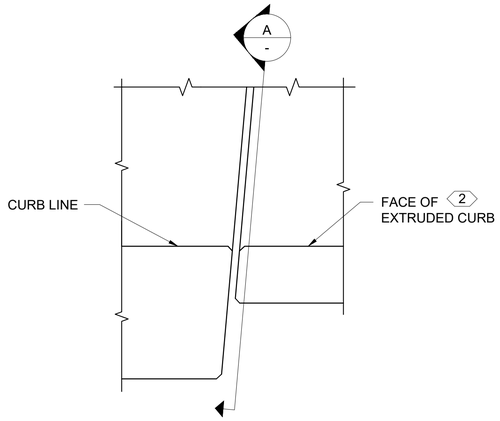
HMA ROADWAY JOINT DETAIL

APPROACH SLAB REINFORCING NOT SHOWN FOR CLARITY



COMPRESSION SEAL DETAIL

EXPANSION JOINT AT BACK OF PAVEMENT SEAT



EXPANSION JOINT PLAN

GENERAL NOTES:

1. ALL METAL PARTS OF THE APPROACH EXPANSION ANCHOR SHALL RECEIVE ONE COAT OF PAINT CONFORMING TO STANDARD SPECIFICATION SECTION 9-08.1(2)F OR BE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.
2. BRIDGE APPROACH SLAB ANCHORS SHALL BE INSTALLED PARALLEL TO ROADWAY AND TO EACH OTHER.

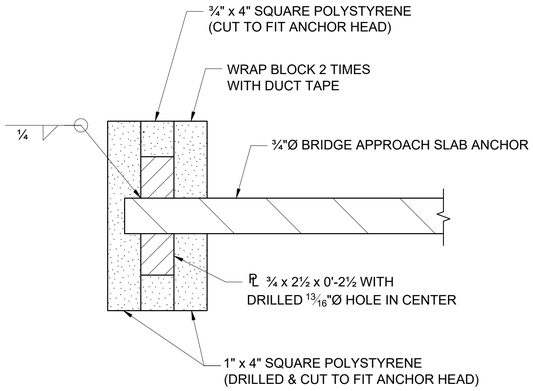
KEY NOTES:

◇1 FULLY COMPRESSED SEAL HEIGHT, SEAL HEIGHT VARIES WITH MANUFACTURER, VERIFY PRIOR TO SLAB CONSTRUCTION.

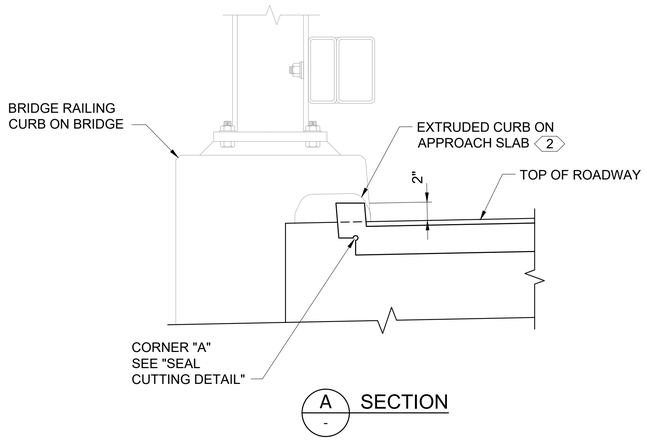
◇2 SEE CIVIL PLANS FOR TYPE, LOCATION AND LAYOUT.

COMPRESSION SEAL TABLE			
D. S. BROWN		WATSON BOWMAN ACME	
SEAL	WIDTH	SEAL	WIDTH
CV-2502	2 ½	WA-250	2 ½

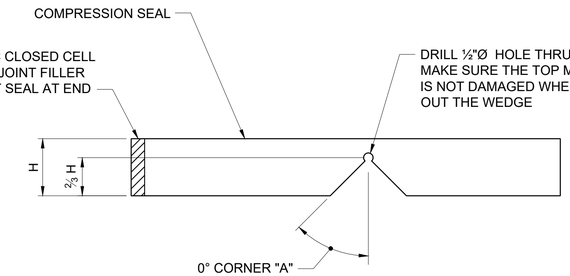
TESTING SHALL BE PER ASTM D 2628 PRIOR TO USE



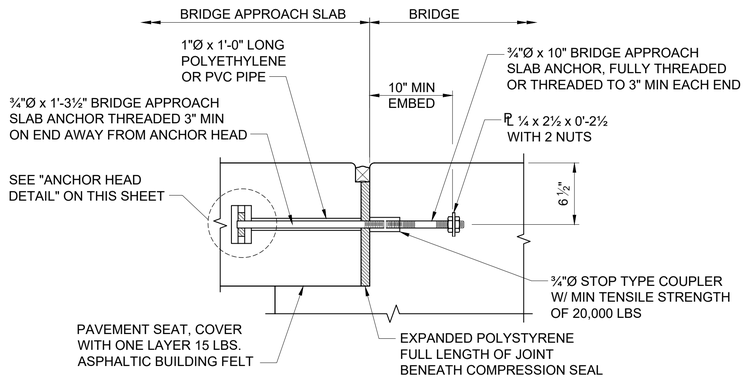
ANCHOR HEAD DETAIL



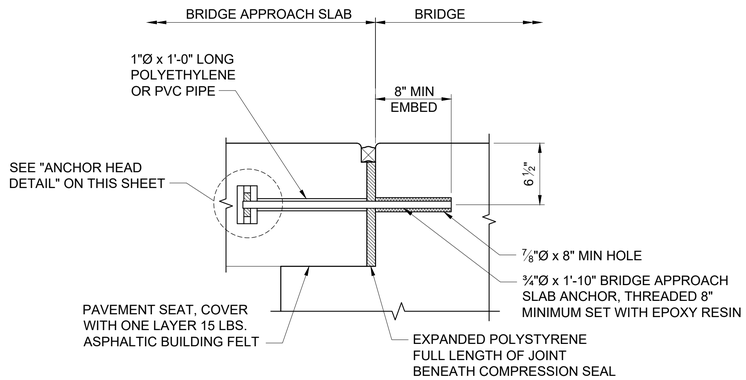
A - SECTION



SEAL CUTTING DETAIL



APPROACH EXPANSION ANCHOR - METHOD A



APPROACH EXPANSION ANCHOR - METHOD B

Lewis County
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FAX # (360) 740-2719

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DRAWN BY : DJ
CHECKED BY : JK
DATE : 09/13/2024

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JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 21F171900171

BRIDGE APPROACH SLAB DETAILS

SHEET B18 OF 22

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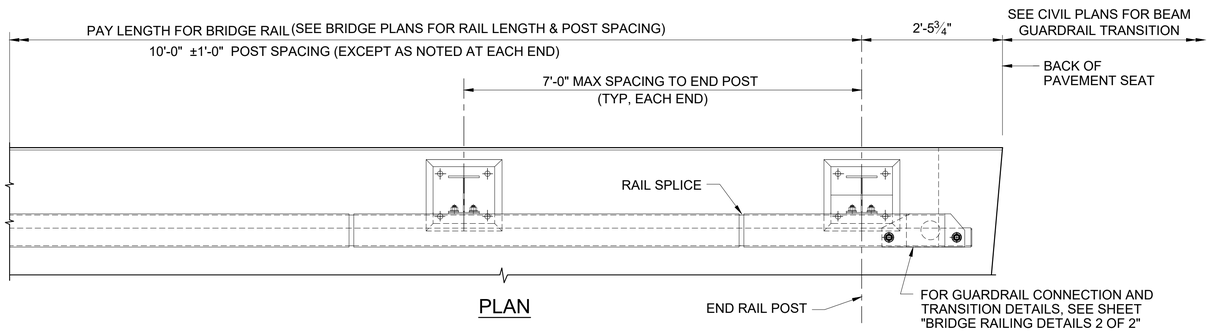
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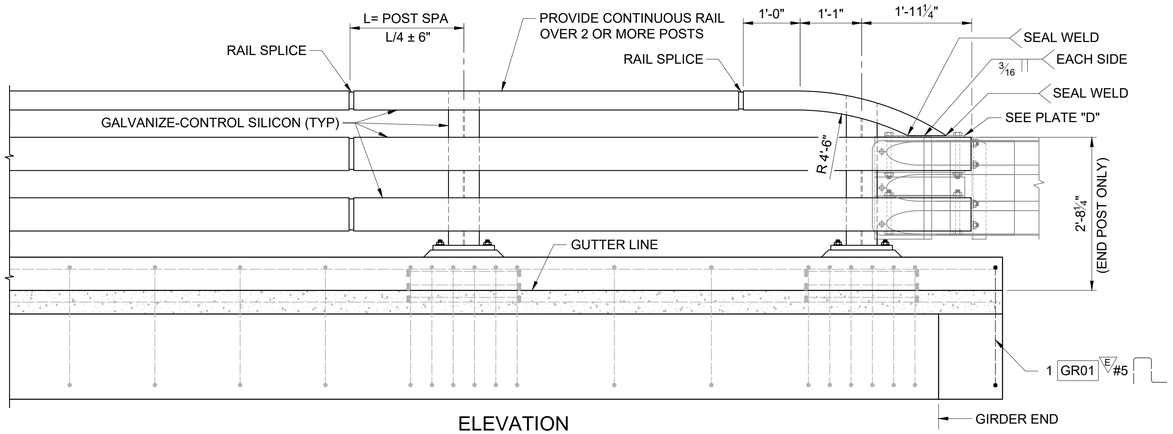
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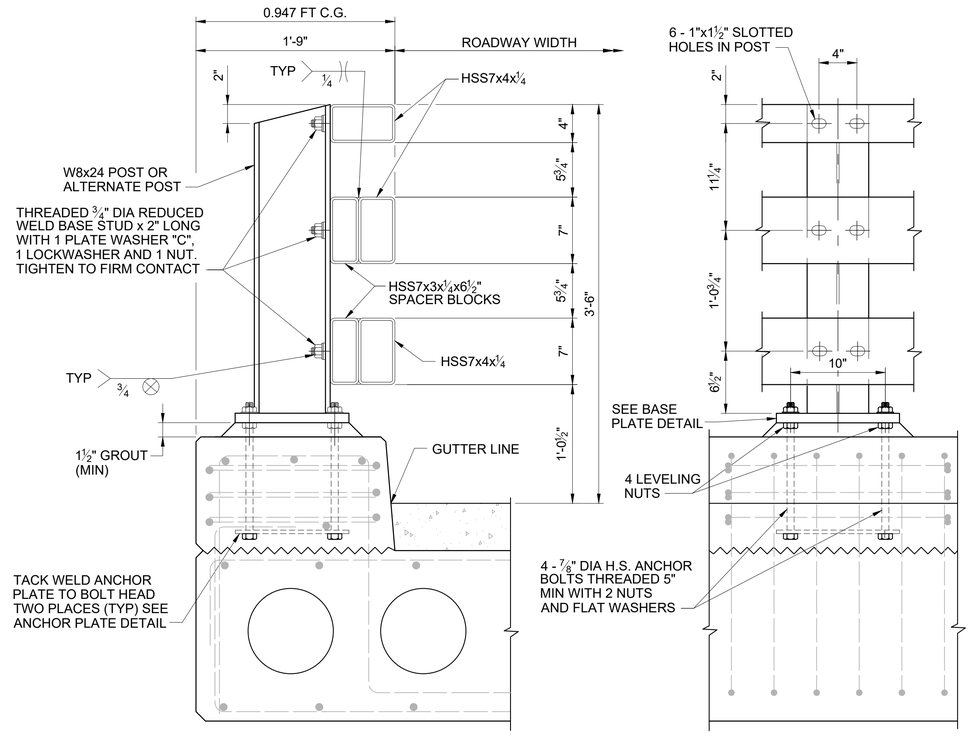
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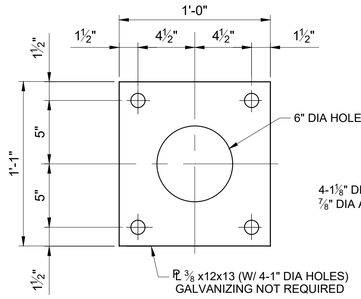
PLAN



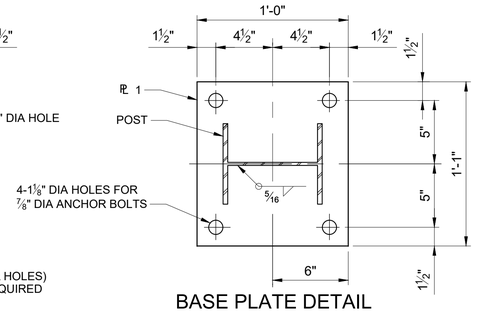
ELEVATION



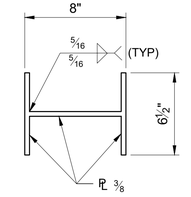
CURB AND POST DETAIL



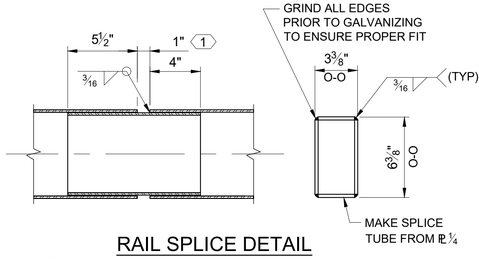
ANCHOR PLATE DETAIL



BASE PLATE DETAIL



ALTERNATE POST



RAIL SPLICE DETAIL

1 1" GAP UNLESS NOTED OTHERWISE ON DETAIL PLANS. PROVIDE A RAIL SPLICE IN PANEL THAT HAS A DECK EXPANSION JOINT. IF MORE THAN 2" OF MOVEMENT IS NEEDED, INCREASE LENGTH OF THE INNER MEMBER.

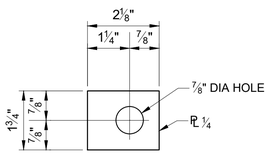
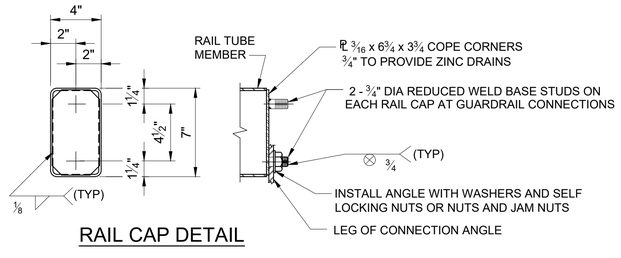


PLATE WASHER "C"



RAIL CAP DETAIL

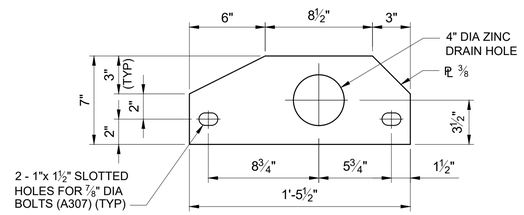


PLATE "D"

GENERAL NOTES:

1. RAIL DESIGNED AND CRASH TESTED TO MEET MASH TL-4 REQUIREMENTS.
2. PROVIDE STRUCTURAL TUBING, STEEL POSTS AND PLATES ACCORDING TO STANDARD SPECIFICATIONS SECTION 9-06. PROVIDE STEEL POSTS AND PLATES CONFORMING TO ASTM A572 GRADE 50.
3. PROVIDE HIGH STRENGTH ANCHOR BOLTS (GRADE 105) ACCORDING TO STANDARD SPECIFICATIONS SECTION 9-06.5(4). TIGHTEN TOP AND LEVELING NUTS FOR THE BASE PLATE ¼ TURN PAST SNUG TIGHT.
4. FABRICATE STEEL STUDS WITH MATERIAL, WELDING AND INSPECTION ACCORDING TO AWS D1.1.
5. CONSTRUCT RAILING CONFORMING TO THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE STRUCTURE. INSTALL POSTS NORMAL TO GRADE IN LONGITUDINAL DIRECTION AND VERTICAL IN TRANSVERSE DIRECTION.
6. PAYMENT FOR THE RAILING WILL INCLUDE COMPENSATION FOR FURNISHING AND INSTALLING THE NECESSARY GUARDRAIL CONNECTION PLATES AND TERMINAL CONNECTORS.
7. HOT-DIP GALVANIZE STRUCTURAL STEEL INCLUDING FASTENERS AFTER FABRICATION, EXCEPT AS NOTED. PROVIDE GALVANIZE-CONTROL SILICON ACCORDING TO STANDARD SPECIFICATIONS SECTION 9-06.18.

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SPECIAL MAINTENANCE PROJECT NO: 21F171900171

BRIDGE RAILING DETAILS 1 OF 2

SHEET B19 OF 22

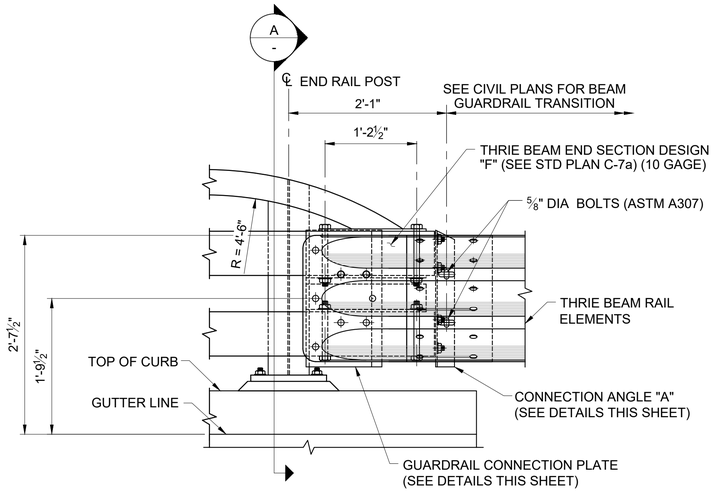
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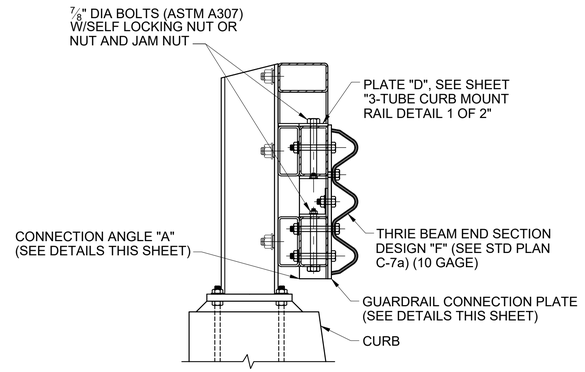
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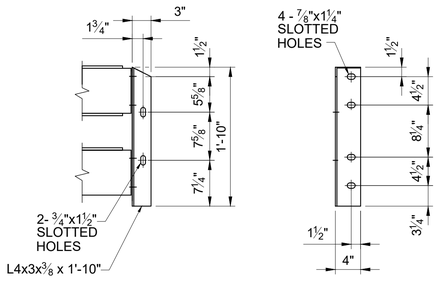
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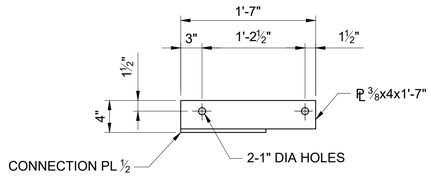
ELEVATION: TRANSITION CONNECTION



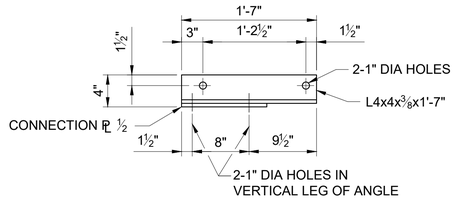
A - SECTION



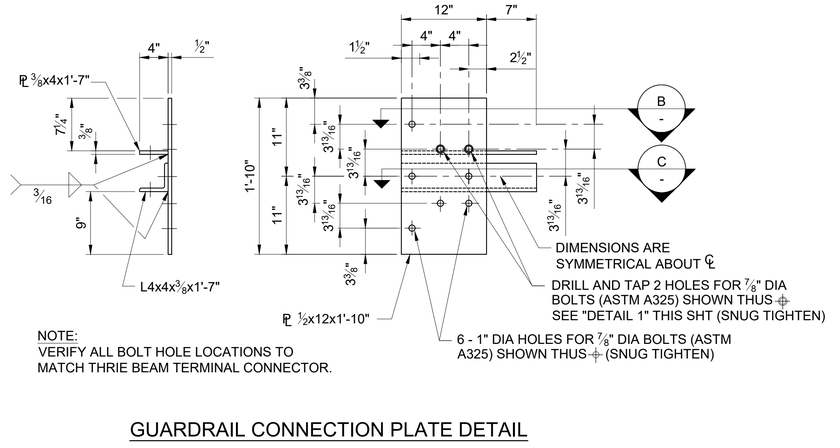
CONNECTION ANGLE "A"



B - SECTION

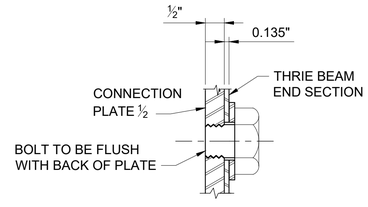


C - SECTION



NOTE:
VERIFY ALL BOLT HOLE LOCATIONS TO MATCH THRIE BEAM TERMINAL CONNECTOR.

GUARDRAIL CONNECTION PLATE DETAIL



1 - DETAIL

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BRIDGE RAILING DETAILS 2 OF 2

SHEET B20 OF 22

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DIMENSIONS (OUT TO OUT)

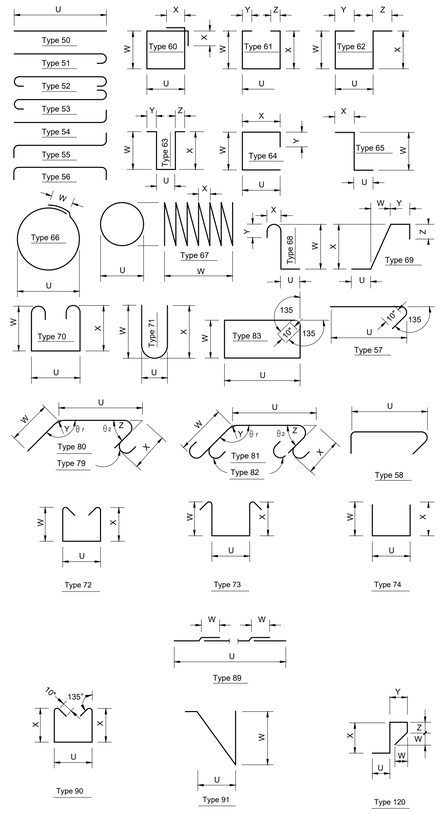
S=BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES

T=TIE OR STIRRUP

E=BAR IS TO BE EPOXY COATED

MARK	DESCRIPTION	SIZE	NUM	BEND	TIE	SUBS	EPOXY	VARIES	# EA	U		W		X		Y		Z		Θ1	Θ2	LENGTH	
#			REQD							FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	DEG	DEG	FT	IN
	PIER 1 CAP AND WALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
P101	PILE CAP TRANS BOT	8	44	56	T	S				10	3.0											12	6.0
P102	PILE CAP TRANS TOP	6	39	50	T	S				10	3.0											10	3.0
P103	PILE CAP LONG	5	24	50		S				39	9.0											39	9.0
P104	PILE CAP TRANS TIE	5	24	54	T	S				6	0.0											6	4.3
P105	PILE CAP PILE TIE	4	80	58	T	S				3	7.5											4	3.4
P107	PIER WALL END FF	5	28	54	T	S				10	0.0											10	4.3
P110	PILE CAP WALL FF	11	70	54		S		V	35	17	5.8											19	1.6
										17	9.6											19	5.4
P111	PILE CAP WALL NF	6	70	54	T	S		V	35	17	5.8											18	3.9
										17	9.6											18	7.7
P112	WALL LONG NF	5	14	50		S				39	3.0											39	3.0
P113	WALL LONG NF	5	14	50		S				39	3.0											39	3.0
P114	PILE CAP WALL TOP	4	70	56	T	S				1	9.0											2	3.9
P115	PILE CAP WALL TIE	4	420	58	T	S				1	9.0											2	4.9
P120	PIER WALL CONN. FF	9	28	80		S				5	5.0	1	8.0	1	8.0	0	6.0	0	6.0	133.0	133.0	8	7.5
P121	PIER WALL END FF	8	28	54		S				10	0.0											11	1.5
	PIER 1 GIRDER STOP - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
P130	GIRD. STOP CONN.	5	10	50	T	S				2	1.0											2	1.0
P131	GIRD. STOP TRANS	4	8	74	T	S				1	9.0	3	0.0	3	0.0							7	6.9
P132	GIRD. STOP VERT	4	2	56	T	S				3	0.0											3	6.9
P133	GIRD. STOP VERT	4	4	56	T	S				1	9.0											2	3.9
P134	GIRD. STOP WALL	4	4	51		S				4	4.8											4	10.8
	PIER 2 CAP AND WALL - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
P201	PILE CAP TRANS BOT	8	44	56	T	S				10	3.0											12	6.0
P202	PILE CAP TRANS TOP	6	39	50	T	S				10	3.0											10	3.0
P203	PILE CAP LONG	5	24	50		S				39	9.0											39	9.0
P204	PILE CAP TRANS TIE	5	24	54	T	S				6	0.0											6	4.3
P205	PILE CAP PILE TIE	4	80	58	T	S				3	7.5											4	3.4
P207	PIER WALL END FF	5	28	54	T	S				10	0.0											10	4.3
P210	PILE CAP WALL FF	11	70	54		S		V	35	17	5.4											19	1.2
										17	6.8											19	2.6
P211	PILE CAP WALL NF	6	70	54	T	S		V	35	17	5.4											18	3.5
										17	6.8											18	4.9
P212	WALL LONG NF	5	14	50		S				39	3.0											39	3.0
P213	WALL LONG NF	5	14	50		S				39	3.0											39	3.0
P214	PILE CAP WALL TOP	4	70	56	T	S				1	9.0											2	3.9
P215	PILE CAP WALL TIE	4	420	58	T	S				1	9.0											2	4.9
P220	PIER WALL CONN. FF	9	28	80		S				5	5.0	1	8.0	1	8.0	0	6.0	0	6.0	133.0	133.0	8	7.5
P221	PIER WALL END FF	8	28	54		S				10	0.0											11	1.5
	PIER 2 GIRDER STOP - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
P230	GIRD. STOP CONN.	5	10	50	T	S				2	1.0											2	1.0
P231	GIRD. STOP TRANS	4	8	74	T	S				1	9.0	3	0.0	3	0.0							7	6.9
P232	GIRD. STOP VERT	4	2	56	T	S				3	0.0											3	6.9
P233	GIRD. STOP VERT	4	4	56	T	S				1	9.0											2	3.9
P234	GIRD. STOP WALL	4	4	51		S				4	4.8											4	10.8

REINFORCEMENT BENDING DIAGRAMS



REINFORCING NOTES:

1. REINFORCING FOR THE FOLLOWING ELEMENTS ARE NOT INCLUDED IN THIS BARLIST:
   - PRESTRESSED VOIDED SLAB GIRDERS (INCLUDING THE PRECAST CURB FOR RAIL)
   - APPROACH SLABS

   SEE APPROPRIATE SHEETS WITHIN THE PLAN SET FOR THEIR DETAILS.
2. BEND FOR TRANSVERSE BARS DUE TO ROADWAY CROWN CONDITIONS HAVE NOT SHOWN. THESE BARS SHALL BE BENT AS REQUIRED TO CONFIRM TO THE CONFIGURATION OF THE STRUCTURE.

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BARLIST 1 OF 2

SHEET B21 OF 22

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DIMENSIONS (OUT TO OUT)

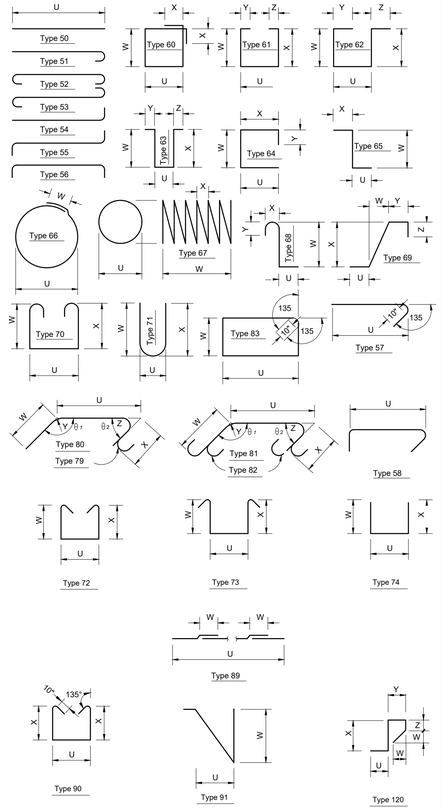
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T=TIE OR STIRRUP

E=BAR IS TO BE EPOXY COATED

MARK	DESCRIPTION	SIZE	NUM	BEND	TIE	SUBS	EPOXY	VARIES	# EA	U		W		X		Y		Z		Θ1	Θ2	LENGTH	
#			REQD							FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	DEG	DEG	FT	IN
	WINGWALL 1 - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
W100	WW BOT LONG	9	2	80		S				25	6.0	6	1.5	0	0.0	0	6.0	0	0.0	148.0	0.0	31	7.1
W101	WW LONG FF	9	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	7	4.4
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	17	3.4
W102	WW LONG NF	5	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	7	4.8
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	17	3.8
W103	WW VERT	5	56	50	T	S		V	28	2	9.0											2	9.0
										15	9.0											15	9.0
W104	WW TRANS TOP	4	28	56	T	S				1	3.0											1	9.9
W190	WW BLOCKOUT	4	8	50	T	S				25	6.0											25	6.0
	WINGWALL 2 - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
W200	WW BOT LONG	9	2	80		S				25	6.0	6	1.5	0	0.0	0	6.0	0	0.0	148.0	0.0	31	7.1
W201	WW LONG FF	9	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	7	5.6
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	17	4.6
W202	WW LONG NF	5	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	7	5.9
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	17	4.9
W203	WW VERT	5	56	50	T	S		V	28	2	9.0											2	9.0
										15	9.0											15	9.0
W204	WW TRANS TOP	4	28	56	T	S				1	3.0											1	9.9
W290	WW BLOCKOUT	4	8	50	T	S				25	6.0											25	6.0
	WINGWALL 3 - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
W300	WW BOT LONG	9	2	80		S				25	6.0	6	1.5	0	0.0	0	6.0	0	0.0	148.0	0.0	31	7.1
W301	WW LONG FF	9	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	7	5.6
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	17	4.6
W302	WW LONG NF	5	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	7	5.9
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	95.0	0.0	17	4.9
W303	WW VERT	5	56	50	T	S		V	28	2	9.0											2	9.0
										15	7.6											15	7.6
W304	WW TRANS TOP	4	28	56	T	S				1	3.0											1	9.9
W390	WW BLOCKOUT	4	8	50	T	S				25	6.0											25	6.0
	WINGWALL 4 - ASSOCIATED WITH BID ITEM "ST. REINF. BAR FOR BRIDGE"																						
W400	WW BOT LONG	9	2	80		S				25	6.0	6	1.5	0	0.0	0	6.0	0	0.0	148.0	0.0	31	7.1
W401	WW LONG FF	9	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	7	4.4
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	17	3.4
W402	WW LONG NF	5	15	80		S		V	15	6	7.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	7	4.8
										16	6.0	1	1.5	0	0.0	0	6.0	0	0.0	85.0	0.0	17	3.8
W403	WW VERT	5	56	50	T	S		V	28	2	9.0											2	9.0
										15	7.6											15	7.6
W404	WW TRANS TOP	4	28	56	T	S				1	3.0											1	9.9
W490	WW BLOCKOUT	4	8	50	T	S				25	6.0											25	6.0
	END DIAPHRAGM - ASSOCIATED WITH BID ITEM "SUPERSTRUCTURE"																						
ED11	LONG. BOT	6	4	50						32	0.0											32	0.0
ED13	LONG. FACE	4	16	50						32	0.0											32	0.0
ED14	LONG. TOP	6	6	50			E			32	0.0											32	0.0
ED20	TRANS. STIRRUP	4	66	72	T		E			1	8.0	3	0.0	0	0.0							4	11.4
ED21	TRANS. STIRRUP	4	132	54	T		E			3	0.0											3	3.5
ED22	TRANS. TIE	4	66	58	T		E			1	8.0											2	3.9
	DECK - ASSOCIATED WITH BID ITEM "SUPERSTRUCTURE"																						
D01	DECK TRANS.	5	75	50	T		E			28	10.3											28	10.3
D02	DECK LONG.	5	38	50			E			37	6.0											37	6.0

REINFORCEMENT BENDING DIAGRAMS



REINFORCING NOTES:

1. REINFORCING FOR THE FOLLOWING ELEMENTS ARE NOT INCLUDED IN THIS BARLIST:
   - PRESTRESSED VOIDED SLAB GIRDERS (INCLUDING THE PRECAST CURB FOR RAIL)
   - APPROACH SLABS

   SEE APPROPRIATE SHEETS WITHIN THE PLAN SET FOR THEIR DETAILS.
2. BEND FOR TRANSVERSE BARS DUE TO ROADWAY CROWN CONDITIONS HAVE NOT SHOWN. THESE BARS SHALL BE BENT AS REQUIRED TO CONFIRM TO THE CONFIGURATION OF THE STRUCTURE.

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : NN
DRAWN BY : DJ
CHECKED BY : JK
DATE : 09/13/2024

NO.	DATE	REVISION	BY	APP.

JONES ROAD MP 1.71

SPECIAL MAINTENANCE PROJECT NO: 21F171900171

BARLIST 2 OF 2

SHEET B22 OF 22

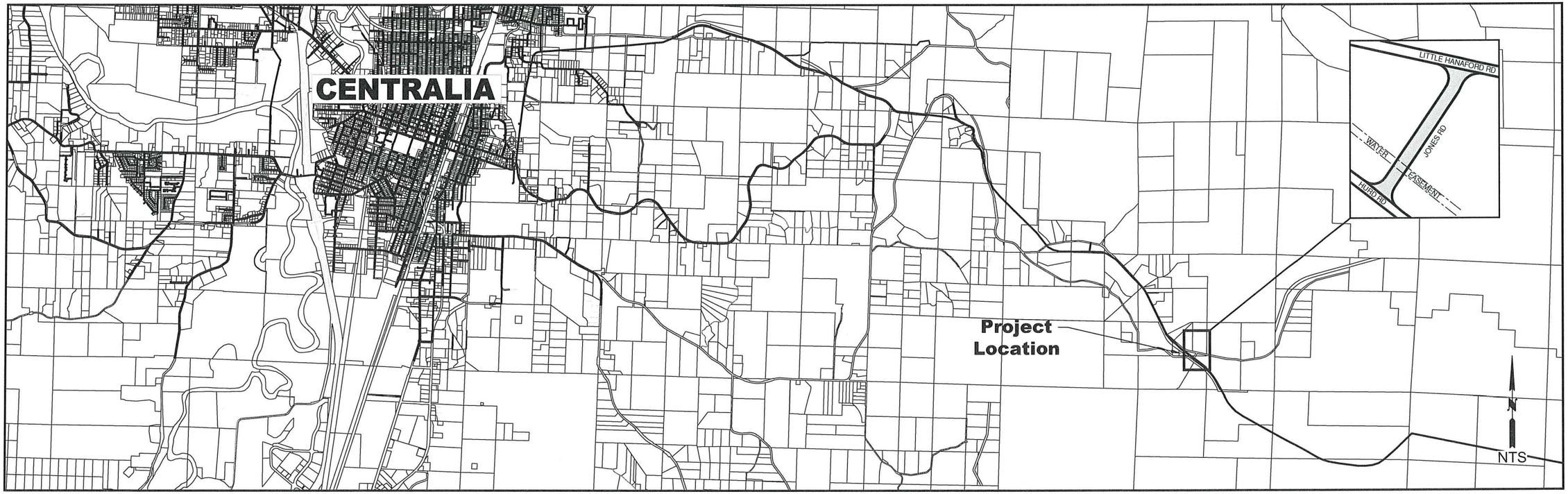
CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555
"It's the Law"
Utilities Underground Location Center

DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way
Suite 400
Bellevue, WA 98007
425.519.6500

10/26/2026

CITY OF CENTRALIA
Jones Rd Watermain Relocation
PW 2025-12

"CALL UNDERGROUND LOCATE 2 BUSINESS DAYS BEFORE YOU DIG AT 811 "



VICINITY MAP
NTS

C01	COVER SHEET
C02	WATER MAIN RELOCATION PLAN
C03	PROFILE & SECTION VIEW
C04	WATER GENERAL NOTES
C05	WM RELOCATION WORKS SEQUENCE & WATER PROJECT NOTES
C06	FIRE HYDRANT DETAILS
C07	¾" & 2" SINGLE METER SERVICE
C08	2" BLOW OFF ASSEMBLY & ROADWAY RESTORATION
C09	TRENCH RESTORATION
C10	STANDARD BLOCKING THRUST LOADS

SHEET INDEX

EXISTING	PROPOSED
WATER LINE	NEW WATER MAIN
OH POWER	WV WATER VALVE
UG POWER	THRUST BLOCK
UG COMM	BOP BEGINING OF PIPE
STORM LINE	EOP END OF PIPE
FENCE	TOP TOP OF PIPE
EDGE OF PAVEMENT	2'x2'x6' PRECAST ECOLOGY BLOCK
FIRE HYDRANT	BLOW-OFF ASSEMBLY
WV WATER VALVE	FIRE HYDRANT
	8" x 12" REDUCER

LEGEND

Approved By:

CITY ENGINEER — DATE 1/26/26

CENTRALIA Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
CITYOFCENTRALIA.COM

No.	DATE	REVISION
0	12.1.2025	PRELIMINARY ISSUE
1	1.16.2026	ISSUED FOR CONSTRUCTION

WATER
WATERMAIN RELOCATION
PLAN VIEW

PW-2025-12
JONES RD
WATERMAIN RELOCATION

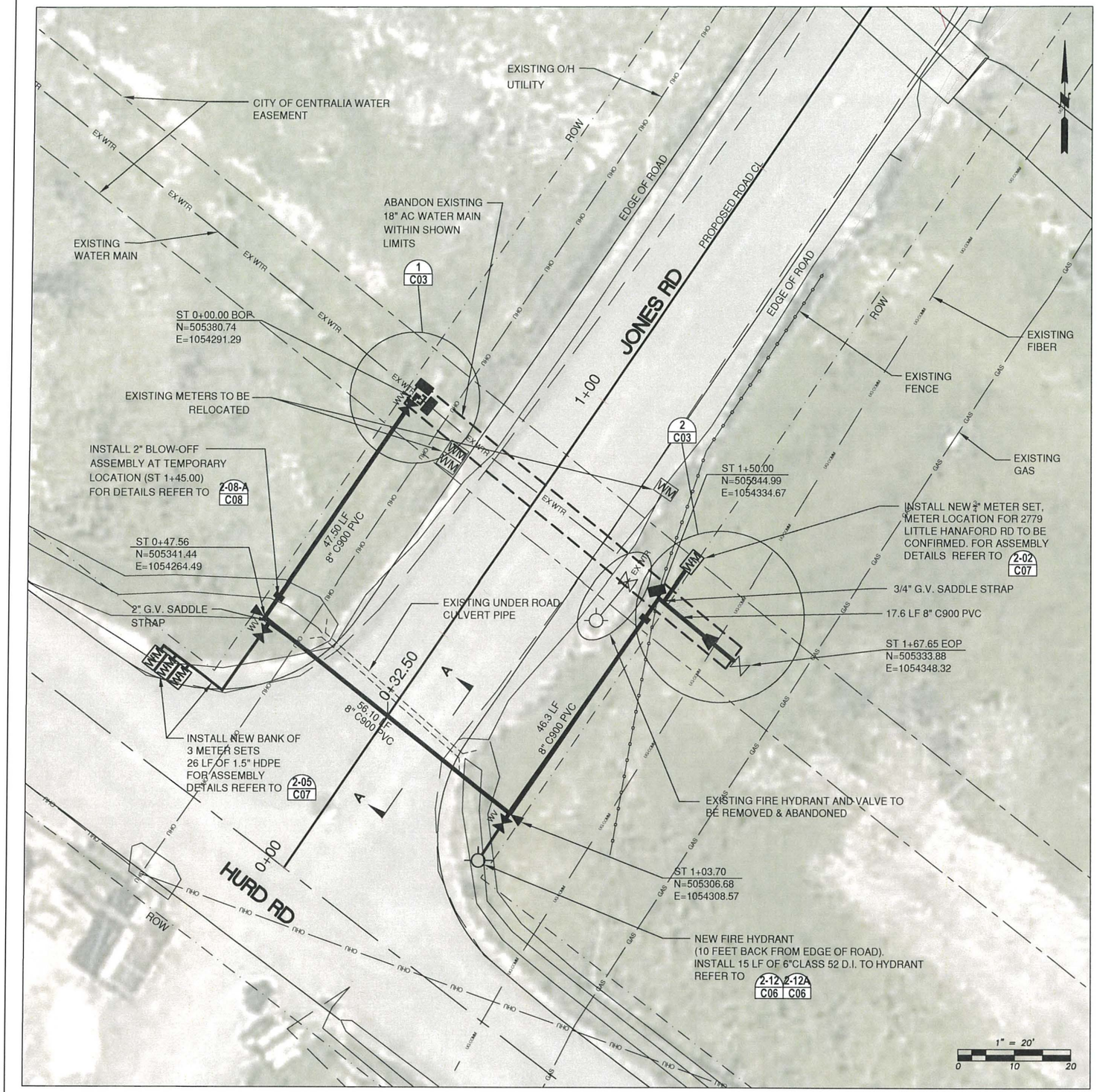
PATRICIA MARIE PAGE — STATE OF WASHINGTON — 49849 — REGISTERED PROFESSIONAL ENGINEER — 1/26/26

DESIGNED BY:	PPAGE
DRAWN BY:	RSORTO
SURVEYED BY:	
CHECKED BY:	PP/BH

December, 2025

C01

1 OF 10



PROPOSED WATER MAIN RELOCATION
PLAN VIEW

LIST OF MATERIALS

ST 0+00 BOP
INSTALL:
1 - LIVE TAP W/ 18" x 8" TAPPING TEE & 8" GV (FL x MJ) W/MEGA LUGS
2 LF - 18" D.I. W/CAP
1 - 18" HYMAX COUPLING
2 - 2' x 2' x 6' PRECAST ECOLOGY THRUST BLOCKS (TYP.)

ST 0+47.56
INSTALL:
1 - 8" 90° (MJ) W/MEGA LUGS
THRUST BLOCKING

ST 0+50.00
INSTALL:
1 - 2" SADDLE TAP AND 2" GV

ST 1+03.70
INSTALL:
1 - 8" x 8" (FL x FL) TEE
2 - 8" (FL x MJ) ADAPTER W/MEGALUGS
1 - 8"x 6" (FL) REDUCER
1 - 6" GATE VALVE (FL x MJ) TO FIRE HYDRANT ASSEMBLY
THRUST BLOCKING

ST 1+50.0
INSTALL:
1 - 8" 90° (MJ)
THRUST BLOCKING

ST 1+67.65 EOP
INSTALL:
1 - 8" x 12" (MJ) REDUCER, TO BE CONNECTED TO EXISTING 12" GV (FIELD VERIFY LOCATION & ELEVATION OF EXISTING 12" D.I.)

ESTIMATED QUANTITIES
2 LF OF 18" D.I.
167.50 LF OF 8" C900 PVC
15 LF 6" CLASS 52 D.I. PLUS ADDITIONAL 6" CLASS 52 D.I. CUT TO LENGTH FOR FIRE HYDRANT CONNECTION
1 - FIRE HYDRANT ASSEMBLY
26 LF OF 1.5" PVC

NOTES:

1. INSTALL NEW 8" C900 PVC WATER MAIN WITH A MINIMUM 2-FOOT HORIZONTAL SEPARATION FROM EXISTING UNDERGROUND UTILITIES.
2. CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM 48 HRS. IN ADVANCE OF PROJECT SCHEDULE AND SERVICE DISRUPTIONS. ALSO COORDINATE ACCESS TO PROPERTIES DURING CONSTRUCTION
3. ALL WORK SHALL BE COMPLETED WITHOUT INTERRUPTING WATER SERVICE TO CUSTOMERS EXCEPT FOR SCHEDULED WATERMAIN SHUTDOWN.
4. CONTRACTOR SHALL ESTABLISH TRAFFIC CONTROL MEASURES, INSTALL SAFETY BARRIERS, AND PROVIDE GARBAGE DISPOSAL SERVICES AS REQUIRED.
5. EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONDUCT UTILITIES LOCATES PRIOR TO STARTING EXCAVATING.
6. CONTRACTOR SHALL REMOVE AND REINSTALL ANY FENCING AND REINSTATE DISTURBED AREAS AS REQUIRED.
7. ABANDON EXISTING 18" AC WATER MAIN WORK SHALL TAKE PLACE AFTER THE NEW 8" C900 PVC WATER MAIN HAS BEEN INSTALLED AND TESTED PER WATER MAIN INSTALLATION GENERAL NOTES ON SHEET C04.
8. POTHOLE TO EXPOSE THE 18" AC WATER MAIN AT STATION 0+00 AND THE EXISTING 12" GV AT STATION 1+67.65. CONFIRM ELEVATIONS AND LOCATE SERVICE LINES TO BE RELOCATED PRIOR TO COMMENCING WORK. REFER TO STD. DWG. 4-01B ON C08.
9. ALL PVC JOINTS SHALL BE RESTRAINED USING LOCKING GASKETS INSTALLED IN THE PIPE BELLS.
10. THRUST BLOCKING AT ABANDONMENT POINTS SHALL BE ACCOMPLISHED WITH PRECAST ECOLOGY BLOCKS WITH MINIMUM DIMENSIONS OF 2' X 2' X 6' AND SET AGAINST UNDISTURBED SOIL. FOR THRUST BLOCKING DETAILS SEE SHEET C10.
11. FIRE HYDRANT AND VALVE, SHOULD BE REMOVED PRIOR TO LEWIS COUNTY STARTING MAINTENANCE WORK ON JONES RD.
12. CONCRETE MIX USED FOR THE FIRE HYDRANT ACCESS PAD SHALL BE CLASS 4000 PSI CONCRETE . REFER TO STD. DWG, 2-12A ON C06.
13. IF EXISTING CULVERT IS IN THE WAY OF REROUTING THE WATER MAIN, CONTRACTOR IS AUTHORIZED TO REMOVE AND DISPOSE IT.
14. TRENCHES SHALL BE BACKFILLED AND COMPACTED AS PER STD. DWGS. ON SHEET C09.

Approved By:

CITY ENGINEER DATE 1/20/26

CENTRALIA
Public Works
Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
CITYOFCENTRALIA.COM

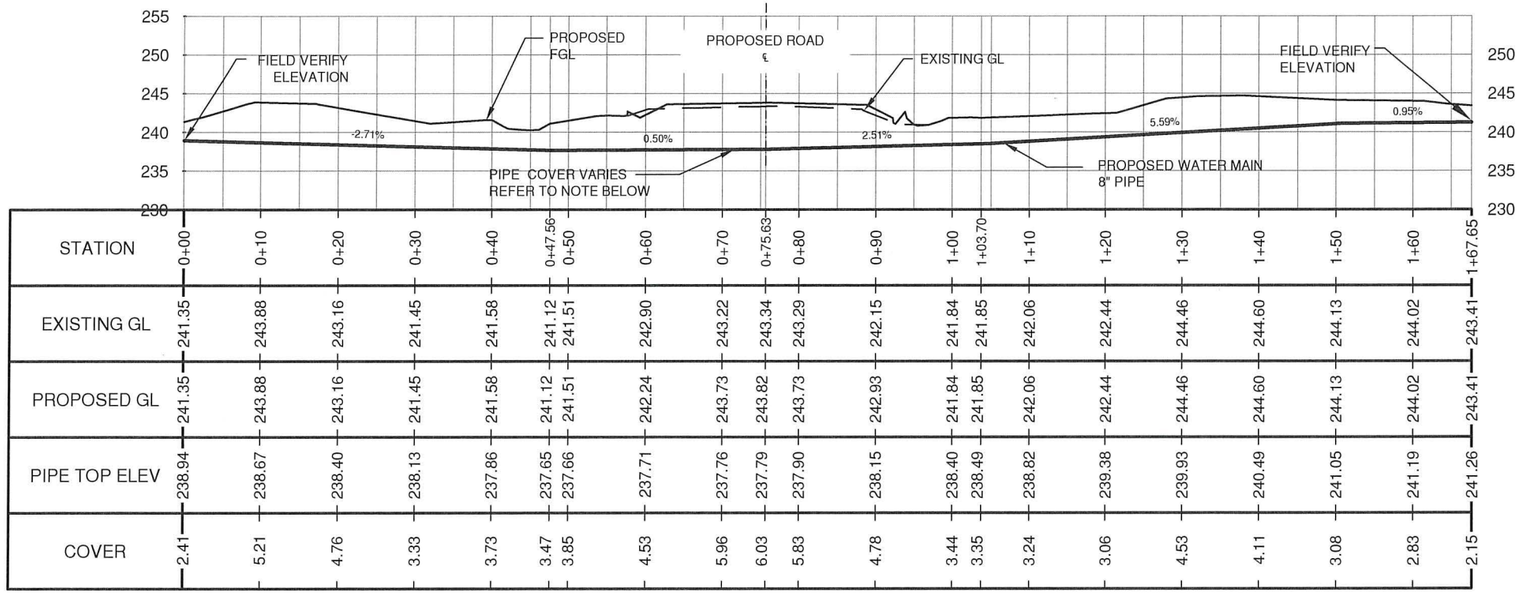
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WATER
WATERMAIN RELOCATION
PLAN VIEW

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
40849
REGISTERED
PROFESSIONAL ENGINEER
1/20/26

DESIGNED BY:	PPAGE
DRAWN BY:	RSORTO
SURVEYED BY:	
CHECKED BY:	PP/BH
December, 2025	
C02	
2 OF 10	

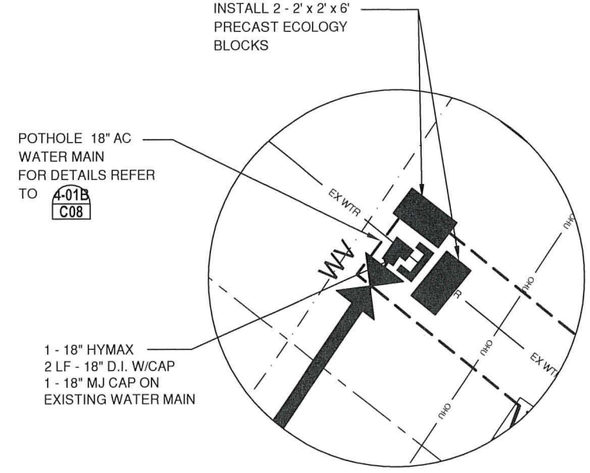


NOTE:

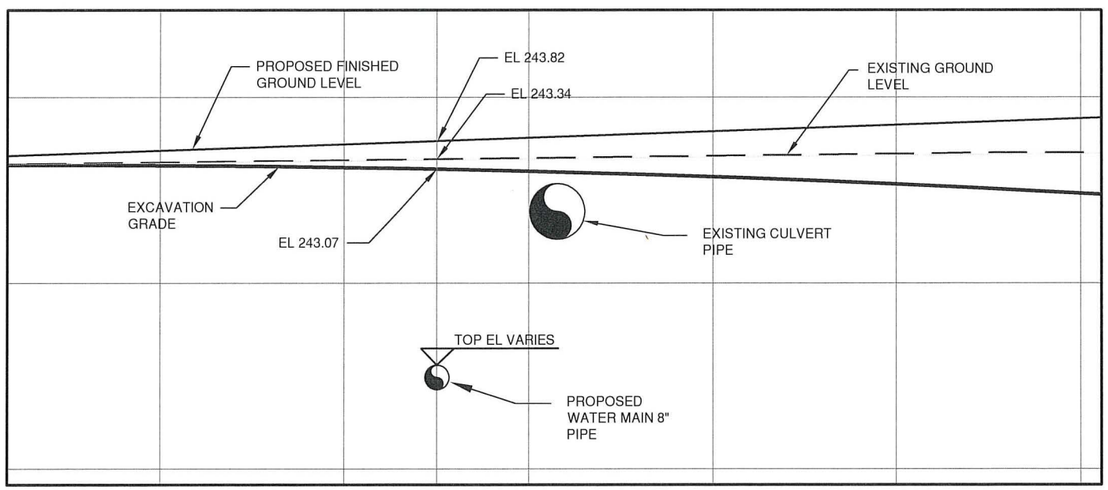
MAINTAIN MINIMUM 30" (in) COVER OVER ENTIRE LENGTH OF NEW 8" PVC WATER MAIN DURING CONSTRUCTION AND AT FINAL GRADE

WATER MAIN CL PROFILE

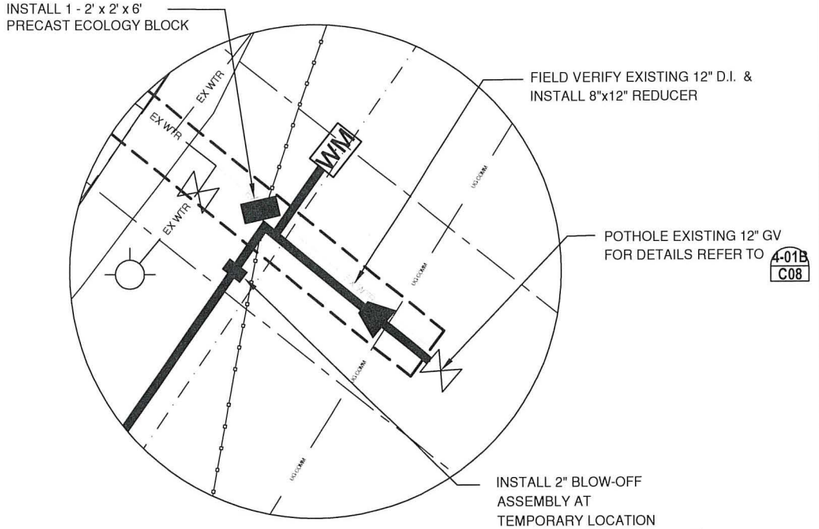
1" = 20'
0 10 20



ST 0+00.0 BOP
DETAIL 1
N.T.S



WATER MAIN PIPE CROSSING JONES RD
SECTION A – A
N.T.S



ST 1+67.65 EOP
DETAIL 2
N.T.S

Approved By:

CITY ENGINEER 1/26/26 DATE

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CENTRALIA, WA 98531
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WATER
WATERMAIN RELOCATION
PROFILE, SECTIONS
& DETAILS

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
18949
REGISTERED
PROFESSIONAL ENGINEER
1/26/26

DESIGNED BY: PPAGE
DRAWN BY: RSORTO
SURVEYED BY:
CHECKED BY: PP/BH

December, 2025

C03

3 OF 10

WATER MAIN INSTALLATION
GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CITY OF CENTRALIA STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON DEPARTMENT OF HEALTH REGULATIONS AND AMERICAN WATER WORKS ASSOCIATION STANDARDS.

2. ALL WATER LINES 12" AND LARGER SHALL BE MADE OF DUCTILE IRON, THICKNESS CLASS 52 AND A RATED WORKING PRESSURE OF 350 PSI CONFORMING TO AWWA C151. ALL PIPE SHALL BE CEMENT MORTAR LINED PER AWWA C104 WITH PUSH ON JOINTS CONFORMING TO AWWA C111. WATER LINES UNDER 12" DIAMETER MAY BE P.V.C. C-900 DR14.

3. FITTINGS SHALL BE CLASS 250 CEMENT MORTAR LINED DUCTILE IRON WITH MECHANICAL JOINT OR ANSI FLANGES. ALL BOLTED FITTINGS SHALL BE DRESSED WITH AN ANTI-SEIZE PRODUCT FOR PROTECTION. ALL DUCTILE IRON FITTING CONNECTION(S) SHALL BE COMPLETED BY THE USE OF MEGA-LUGS. WHEN CONNECTING TO AN EXISTING INLINE WATER MAIN, ALL CONNECTIONS WILL BE MADE USING A DUCTILE IRON (DI) SLEEVE, WITH MEGA-LUGS, OR ROMAC ALPHA COUPLING EXCEPT WHEN CONNECTING TO A AC MAIN WHERE A HYMAX COUPLER (OR EQUAL) WILL BE USED. ALL FITTINGS WILL USE 304A OR BETTER STAINLESS STEEL, CORTEN STEEL, OR XYLAN COATED (BLUE BOLTS) BOLTS

4. GATE VALVES SHALL BE RESILIENT WEDGE, NRS (NON-RISING STEM) WITH O-RING SEALS. VALVE ENDS SHALL BE MECHANICAL JOINT OR ANSI FLANGES. VALVES SHALL CONFORM TO AWWA (LATEST) 509 STD. VALVES SHALL BE MUELLER, M & H, CLOW, WATEROUS, KENNEDY OR AMERICAN AVK. EXISTING VALVES SHALL BE OPERATED BY CITY EMPLOYEES ONLY.

5. ALL NIBCO GATE VALVES MUST HAVE BRASS HANDLES.

6. A VALVE STEM RISER SHALL BE INSTALLED ON ALL VALVES WHERE THE DEPTH FROM FINISH GRADE TO THE TOP OF THE VALVE EXCEEDS 1.5'.

7. FIRE HYDRANTS SHALL BE 3-PORT M & H RELIANT STYLE 129, MUELLER CENTURION, 5 1/4" WITH STEAMER PORT THREAD OF 498. THE DISTANCE BETWEEN OPERATING NUT AND BREAK AWAY FLANGE SHALL BE 32 INCHES IN VERTICAL MEASUREMENT. ALL HYDRANT SHOES SHALL BE EPOXY COATED. EACH HYDRANT SHALL BE PROVIDED WITH A STORZ COUPLER ON THE STEAMER PORT. ALL HYDRANTS SHALL BE BAGGED UNTIL SYSTEM IS APPROVED.

8. BRASS WEDGES SHALL BE INSTALLED IN ALL DUCTILE IRON JOINTS FOR CONTINUITY, TWO (2) PER SECTION OF PIPE. P.V.C. PIPE, C.T.S. HDPE SCH. 200 PSI PIPE SHALL BE INSTALLED WITH A TONING (TRACER) WIRE. TONING WIRE SHALL BE UL LISTED, TYPE UF, SOLID CORE, 12 GAUGE INSULATED COPPER AND SHALL BE TAPED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT DURING BACKFILLING. THE WIRE SHALL BE LAID LOOSELY ENOUGH TO PREVENT STRETCHING AND DAMAGE. THE WIRE SHALL BE BROUGHT UP AND TIED OFF AT VALVE BODY OR METER SETTING.

9. THE CONTRACTOR SHALL MAINTAIN A MIN. COVER OF 30 INCHES AND A MAX. COVER OF 36 INCHES OVER THE PIPE AT ALLTIMES.

10. ALL WATER MAINS SHALL BE STAKED FOR GRADE AND ALIGNMENT BY THE DESIGN ENGINEER OR A LICENSED LAND SURVEYOR. ALL VERTICAL CONTROL SHALL BE ESTABLISHED USING THE 1988 USGS DATUM.

11. ALL NEW WATER MAINS SHALL BE FILLED AND CHLORINATED FOR A MINIMUM OF 24 HRS PRIOR TO FLUSHING. CONTRACTOR SHALL COORDINATE WITH THE CITY TO HAVE LINES FILLED AND FLUSHED.

12. BACTERIA SAMPLING OF POTABLE WATER LINES SHALL BE PERFORMED BY THE CITY PRIOR TO HYDROSTATIC PRESSURE TESTING. CONTRACTOR SHALL PROVIDE AN APPROVED SAMPLING BOTTLE FROM THE LEWIS COUNTY HEALTH DEPT., 360 NW NORTH ST, CHEHALIS, WA 98532

13. ALL PIPE AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 225 PSI (MIN.) FOR 15 MINUTES AND WITNESSED BY THE CITY. FIRE LINE TESTING BEHIND THE METERING VAULT SHALL BE COORDINATED WITH RIVERSIDE FIRE AUTHORITY.

14. SERVICE LINES OF 3/4" AND 1" SHALL BE TYPE "K" COPPER OR COPPER TUBING SIZE (C.T.S.) BLUE HDPE POLYETHYLENE, 200 PSI PIPE. GALVANIZED FITTINGS SHALL NOT BE USED IN CONSTRUCTION OF SERVICE LINES. NOTE: IN SOIL SENSITIVE AREAS, SERVICE LINES MAY BE CONSTRUCTED OF HDPE-CL200PSI. TONING (TRACER) WIRE IS REQUIRED WHEN USING HDPE PIPE WATER MAINS/SERVICES. SERVICES LARGER THAN 1" MAY BE BLUE HDPE OR BRASS.

15. FOR ANY WATER MAIN TAP TO EXISTING CITY MAINS WHERE THE CONTRACTOR ENCOUNTERS A COUPLING OR EXISTING ASSEMBLIES, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 18" OF CLEARANCE FROM COUPLING OR ASSEMBLIES TO EDGE OF TAPPING SLEEVE AND THE TAPPING PROCESS SHALL BE WITNESSED BY THE CITY WITH 2 DAYS PRIOR NOTICE.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	
CITY ENGINEER	08/2024	WATER MAIN INSTALLATION GENERAL NOTES	1 OF 2
2026 Standard Drawings			

WATER MAIN INSTALLATION
GENERAL NOTES

16. WHERE THE WATER LINE CROSSES A SANITARY SEWER, THE WATER LINE SHALL BE ABOVE THE SEWER LINE WHENEVER POSSIBLE, WITH A SEPARATION OF AT LEAST 18 INCHES BETWEEN THE INVERT OF THE WATER LINE AND THE CROWN OF THE SEWER PIPE. IF THIS CRITERIA CAN NOT BE ACHIEVED THE SEWER PIPE SHALL BE CASED WITHIN DUCTILE IRON PIPE FOR A DISTANCE OF 10 FEET EITHER SIDE OF THE WATER LINE.

17. ALL "LONG SIDE SERVICES" SHALL BE CASED IN 160 PSI PIPE.

18. WATER SERVICES NOTED AS "LONG SIDE" SHALL REQUIRE A SCHEDULE 160 PVC PIPE AS A CASING TO CROSS THE R.O.W.

    3/4" SERVICE – CASING DIA. 1.5" 1.5" SERVICE – CASING DIA. 3"
    1" SERVICE – CASING DIA. 2" 2" SERVICE – CASING DIA. 3"

19. ALL ASBESTOS PIPE WORKMANSHIP MUST FOLLOW THE GUIDE LINES SET FORTH BY THESE AGENCIES: SOUTHWEST WASHINGTON AIR POLLUTION CONTROL AUTHORITY (SWAPCA) AND LABOR AND INDUSTRIES (L&I).

20. CALL THE UNDERGROUND LOCATION CENTER AT 1-800-424-5555 OR 811 AT LEAST 48 HOURS BEFORE ANY EXCAVATION.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	
CITY ENGINEER	08/2024	WATER MAIN INSTALLATION GENERAL NOTES	2 OF 2
2026 Standard Drawings			

Approved By:

CITY ENGINEER DATE 1/26/26

CENTRALIA Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
CITYOFCENTRALIA.COM

No.	DATE	REVISION
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WATER
WATERMAIN RELOCATION
WATER INSTALLATION
GENERAL NOTES

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
48849
REGISTERED
PROFESSIONAL ENGINEER
1/26/26

DESIGNED BY: PPAGE
DRAWN BY: RSORTO
SURVEYED BY:
CHECKED BY: PP/BH

December, 2025

C04

4 OF 10

JONES RD WATERMAIN RELOCATION WORKS SEQUENCE

1. PRE-CONSTRUCTION PREPARATION
1.1 NOTIFY IN ADVANCE THE CITY OF CENTRALIA OF THE PLANNED START DATE SO THEY CAN INFORM ALL FOUR EXISTING CUSTOMERS OF POTENTIAL SHORT SERVICE INTERRUPTIONS.
1.2 VERIFY UTILITY LOCATES, TRAFFIC CONTROL, AND TRENCH SAFETY MEASURES.
1.3 POTHOLE PRIVATE SIDE WATER SERVICES LINES TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
1.4 CONFIRM MATERIALS: 8" PVC PIPE, FITTINGS, VALVES, METER ASSEMBLIES, HYDRANT ASSEMBLY, TAPPING SLEEVE & VALVE FOR 18" DI.
1.5 PRESSURE TEST AND CHLORINATION PLAN PREPARED FOR THE NEW 8" MAIN.

2. INSTALL NEW 8" PVC WATER MAIN (DRY CONSTRUCTION)
2.1 LIVE TAP 18" AC AND PLACE A PRE-CAST THRUST BLOCK BEHIND TEE ONLY.
2.2 EXCAVATE AND INSTALL THE NEW 8" PVC WATER MAIN ALONG THE PROPOSED ALIGNMENT TO ST 1+45.00 (TEMP BLOW-OFF TO BE INSTALLED).
2.3 INSTALL ALL FITTINGS, BENDS, AND APPURTENANCES EXCEPT THE FINAL TIE-IN.
2.4 INSTALL THE 3-METER BANK AND THE ADDITIONAL METER SERVICE PIPING UP TO THE METER BOXES.
2.5 INSTALL THE NEW FIRE HYDRANT ASSEMBLY ON THE NEW 8" PVC WATER MAIN.
2.6 DO NOT CONNECT SERVICES YET.

3. FILL, FLUSH, PRESSURE TEST NEW 8" PVC WATER MAIN
3.1 CITY OF CENTRALIA TO FILL 8" PVC WATER MAIN.
3.2 HOLD THE DISINFECTING CHLORINE SOLUTION IN THE PIPELINE FOR AT LEAST 24 HOURS. SCHEDULE THE CITY OF CENTRALIA TO FLUSH SYSTEM.
3.3 FLUSH THE MAIN THROUGH THE BLOW-OFF PLACED AT TEMPORARY LOCATION.
3.4 PERFORM PRESSURE TESTING.
3.5 PERFORM BACTERIOLOGICAL TESTING.

4. TRANSFER CUSTOMER SERVICES TO NEW METER LOCATIONS
4.1 ONCE TESTING HAS BEEN SUCCESSFULLY COMPLETED AND APPROVED, PROCEED TO TRANSFER EACH OF THE FOUR EXISTING CUSTOMERS TO THE NEW METER ASSEMBLIES.

5. SCHEDULE SHUT DOWN TO CONNECT 8" PVC FROM 1+45.00 TO 12" G.V., AT ST 1+67.65
5.1 SCHEDULE A PLANNED SHUTDOWN WITH THE CITY OF CENTRALIA AT LEAST 48 HOURS. IN ADVANCE.
5.1 PRE-CHLORINATE 8" PVC PIPE & FITTINGS AND CONNECT TO 12" G.V.
5.2 INSTALL 18" D.I. CAP AND THRUST BLOCK AT ST 0+00
5.3 CONNECT WATER SERVICES FROM PRIVATE LINES TO NEW WATER METER BOXES.
5.4 ABANDON 18" AC BY REMOVAL OR PLUGGING PIPES PER WSDOT DIVISION 7-08.3(4), (VERIFY WITH LEWIS COUNTY PROJECT MANAGER).
5.5 INSTALL PRE-CAST THRUST BLOCKS.

6. COMMISSIONING OF NEW FIRE HYDRANT
6.1 FIRE HYDRANT TO REMAIN BAGGED UNTIL COMPLETE AND READY FOR ACTIVE SERVICE.

7. FINAL STEPS
7.1 RESTORE DISTURBED GROUND.
7.2 SUBMIT AS BUILT DRAWINGS AND TESTING REPORTS.

WATER PROJECT NOTES

A. OPEN ONLY ENOUGH TRENCH LENGTH TO FACILITATE LAYING PIPE SECTIONS. ACCURATELY GRADE AND SHAPE TRENCH BOTTOM FOR UNIFORM BEARING OF PIPE TO THE LINE AND GRADE SHOWN ON THE PLANS.

B. PROVIDE SHORING AS REQUIRED TO MAINTAIN TRENCH WALL STABILITY. ANY COST ASSOCIATED WITH OVER-EXCAVATION AND SUBSEQUENT BACKFILLING OUTSIDE APPROVED TRENCH WIDTH AS INDICATED IN "A" ABOVE DUE TO IMPROPER SHORING WILL NOT BE REIMBURSABLE.

C. ALL MATERIALS SHALL BE SUBMITTED FOR REVIEW AND APPROVED PRIOR TO USE.

Approved By:

CITY ENGINEER 1/20/26 DATE

CENTRALIA Public Works Engineering Dept.
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CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
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No.	DATE	REVISION
0	12.1.2025	PRELIMINARY ISSUE
1	1.16.2026	ISSUED FOR CONSTRUCTION

WATER
WATERMAIN RELOCATION
WORKS SEQUENCE &
WATER PROJECT NOTES

PW-2025-12
JONES RD
WATERMAIN RELOCATION

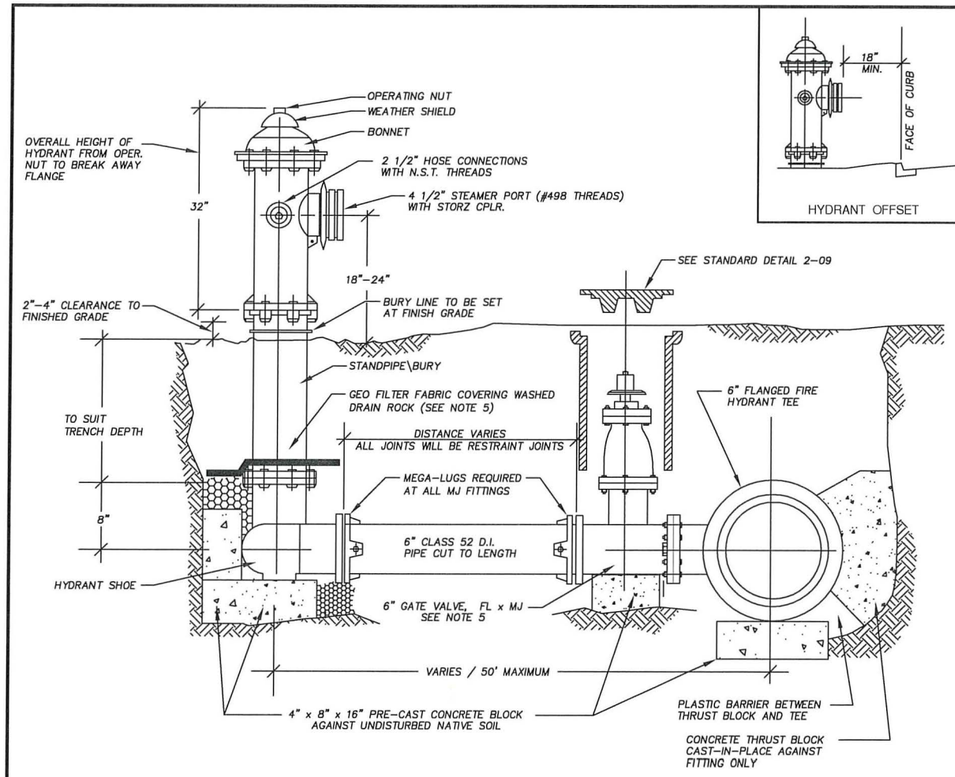
PATRICIA MARIE PAGE
STATE OF WASHINGTON
48849
REGISTERED
PROFESSIONAL ENGINEER

DESIGNED BY: PPAGE
DRAWN BY: RSORTO
SURVEYED BY:
CHECKED BY: PP/BH

December, 2025

C05

5 OF 10

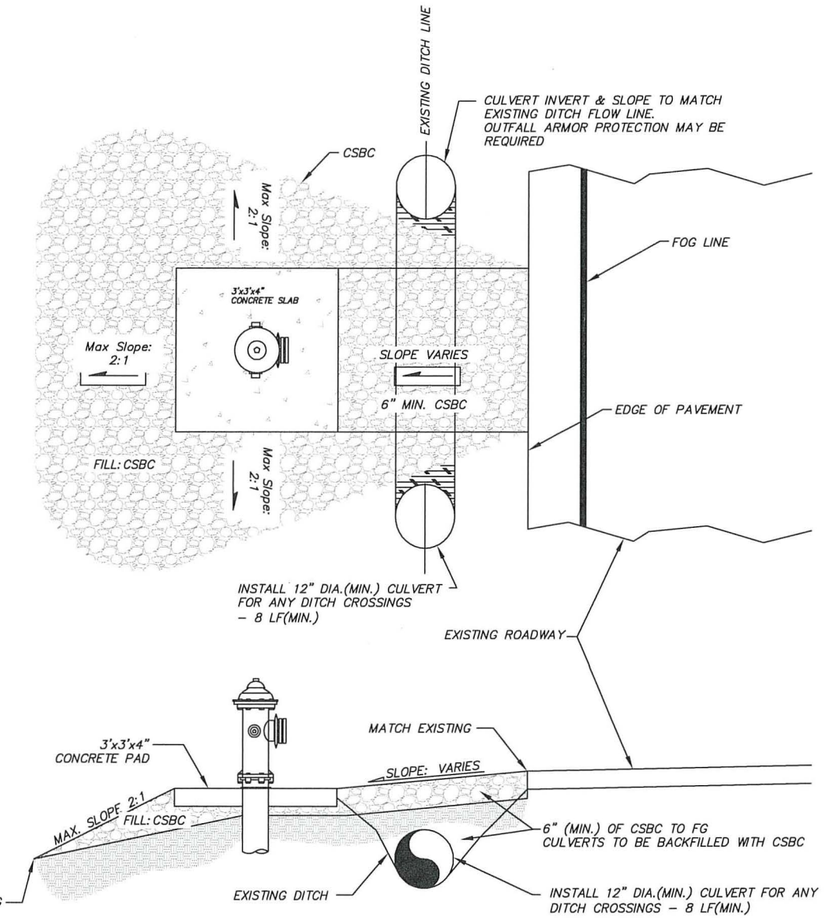


HYDRANT OFFSET

NOTES:

1. HYDRANTS SHALL BE LOCATED WITH A MINIMUM FIVE FOOT RADIUS UNOBSTRUCTED WORKING AREA PROVIDED, AND IN NO CASE SHALL BE LOCATED IN SIDEWALK.
2. HYDRANT SHALL BE WATEROUS CLASSIC PACER WB67–250, DRESSER M&H RELIANT STYLE 129 OR MUELLER CENTURION CHECK VERTICAL DISTANCE BETWEEN OPERATING NUT AND BREAK AWAY FLANGE (31–32 INCHES).
3. HYDRANTS SHALL BE PAINTED SUNBURST YELLOW – HIGH GRADE ENAMEL, AFTER INSTALLATION.
4. HYDRANTS SHALL HAVE A MINIMUM BURY OF 30 INCHES.
5. GATE VALVES SHALL BE RESILIENT WEDGE NRS WITH O–RING SEALS. VALVE ENDS SHALL BE MECHANICAL JOINT BY ANSI FLANGES. VALVES SHALL CONFORM TO AWWA C515.
6. FILTER FABRIC MATERIAL SHALL BE USED IN CONJUNCTION WITH THE USE OF DRAIN ROCK. THE APPLICATION OF THE FILTER FABRIC MATERIAL SHALL MINIMIZE THE IMPACT OF THE NATIVE SOIL IN THE FUNCTION OF THE DRAIN ROCK.
7. ALL MECHANICAL BOLTS TO FITTINGS SHALL HAVE ANTI–SEIZE COMPOUND APPLIED TO THE BOLTS.
8. POURED IN PLACE CONCRETE BLOCKING, BLOCK SIZE – (2 FT. WIDE, 2 FT. DEEP, AND 2 FT. MIN. LENGTH TO UNDISTURBED NATIVE SOIL – NOTE LENGTH IS A VARIABLE DEPENDING UPON DISTANCE TO UNDISTURBED NATIVE SOIL.
9. ALL HYDRANTS SHALL HAVE EPOXY COATED SHOE.
10. 4" x 8" x 16" PRE–CAST CONCRETE BLOCKS REQUIRED AT EACH TEE, VALVE AND UNDER/BEHIND HYDRANT SHOE.
11. SEE HYDRANT PAD DETAIL FOR DITCH CROSSINGS AND EMBANKMENT APPLICATIONS.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	01/2024	FIRE HYDRANT DETAIL	2-12
2026 Standard Drawings			



NOTE:

1. CONCRETE MIX USED FOR THE FIRE HYDRANT ACCESS PAD, AS SHOWN, SHALL BE CLASS 4000 PSI CONCRETE.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	09/2025	HYDRANT PAD NON PAVEMENT AREAS	2-12A
2026 Standard Drawings			

Approved By:

CITY ENGINEER — DATE 1/26/26

CENTRALIA Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
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WATER
WATERMAIN RELOCATION
FIRE HYDRANT
DETAILS

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
48849
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December, 2025

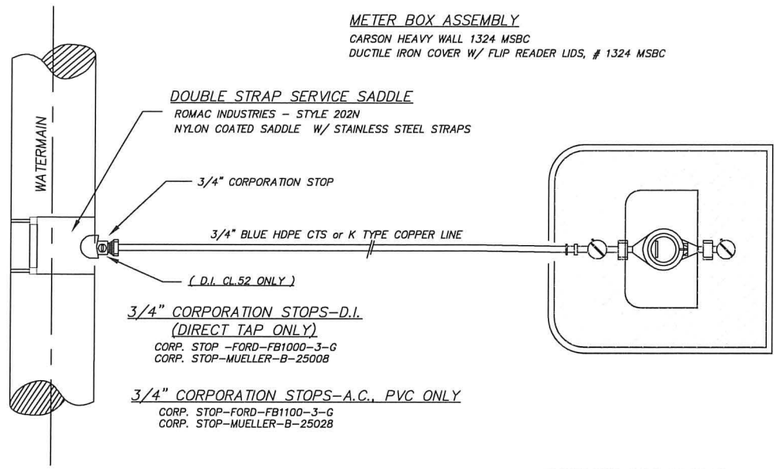
C06

METER BOX ASSEMBLY

CARSON HEAVY WALL 1324 MSBC
DUCTILE IRON COVER W/ FLIP READER LIDS, # 1324 MSBC

DOUBLE STRAP SERVICE SADDLE

ROMAC INDUSTRIES – STYLE 202N
NYLON COATED SADDLE W/ STAINLESS STEEL STRAPS

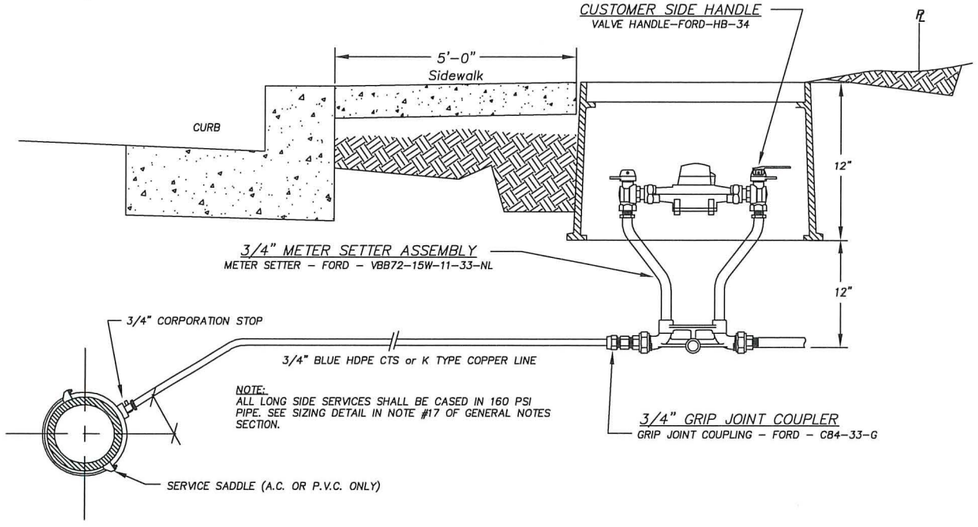


3/4" CORPORATION STOPS–D.I. (DIRECT TAP ONLY)

CORP. STOP –FORD–FB1000–3–G
CORP. STOP–MUELLER–B–25008

3/4" CORPORATION STOPS–A.C., PVC ONLY

CORP. STOP–FORD–FB1100–3–G
CORP. STOP–MUELLER–B–25028



NOTES:

1. ALL SERVICE SADDLES SHALL HAVE RUBBER GASKET, I.P. THREADS AND NYLON COATED.
2. IN APPROVED SOIL SENSITIVE AREAS HDPE MAINS AND SERVICE LINES ARE REQUIRED.
   A TONING (TRACER) WIRE, UL LISTED, TYPE UF, SOLID CORE, 12 GAUGE INSULATED COPPER IS REQUIRED.
   AN IDEAL TWISTER DB PLUS WIRE CONNECTOR, MODEL 60 IS REQUIRED TO CONNECT TRACER WIRES TOGETHER (i.e. TRACER WIRE EXTENSION SPOOL TO SPOOL, SERVICE TO MAIN, MAIN TO MAIN INTERSECTIONS, AND HYDRANT TO MAIN INSTALLATIONS). BLUE HDPE CTS SHALL BE SUBSTITUTED FOR TYPE "K" COPPER IN LINE SERVICES.
3. DUCTILE IRON MAINS SHALL BE DIRECT TAPPED ONLY
4. ASBESTOS CEMENT (A.C.) AND PVC MAINS SHALL REQUIRE A SADDLE FOR TAPPING
5. STAINLESS STEEL PIPE STIFFENERS ARE REQUIRED WHERE HDPE PIPE IS USED

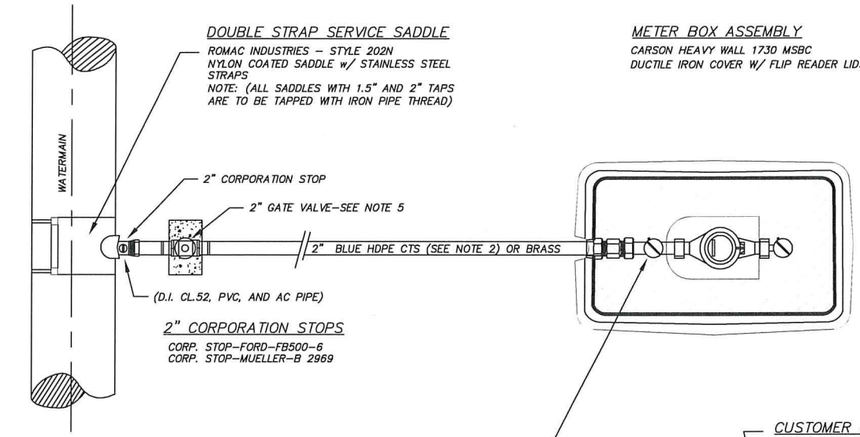
APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	02/2020	3/4" SINGLE METER SERVICE STANDARD	2-02
2026 Standard Drawings			

DOUBLE STRAP SERVICE SADDLE

ROMAC INDUSTRIES – STYLE 202N
NYLON COATED SADDLE w/ STAINLESS STEEL STRAPS
NOTE: (ALL SADDLES WITH 1.5" AND 2" TAPS ARE TO BE TAPPED WITH IRON PIPE THREAD)

METER BOX ASSEMBLY

CARSON HEAVY WALL 1730 MSBC
DUCTILE IRON COVER W/ FLIP READER LIDS, # 1730 MSBC



2" CORPORATION STOPS

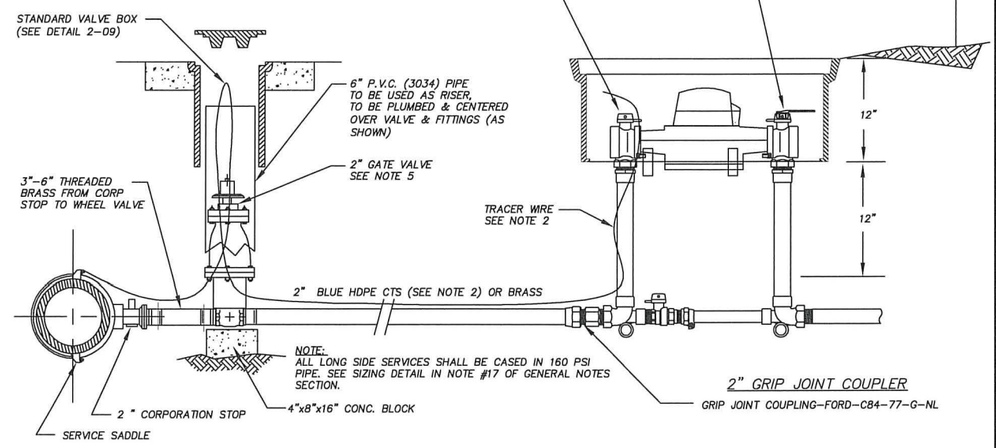
CORP. STOP–FORD–FB500–6
CORP. STOP–MUELLER–B 2969

2" METER SETTER ASSEMBLY

METER SETTER–FORD–VBB77–15B–11–77–NL

CUSTOMER SIDE HANDLE

VALVE HANDLE–FORD–HB–67



NOTES:

1. ALL SERVICE SADDLES SHALL HAVE RUBBER GASKET, I.P. THREADS AND NYLON COATED.
   ALL 1.5" AND 2" SERVICE LINES WILL BE SADDLED.
2. IN APPROVED SOIL SENSITIVE AREAS HDPE MAINS AND SERVICE LINES ARE REQUIRED.
   A TONING (TRACER) WIRE, UL LISTED, TYPE UF, SOLID CORE, 12 GAUGE INSULATED COPPER IS REQUIRED.
   AN IDEAL TWISTER DB PLUS WIRE CONNECTOR, MODEL 60 IS REQUIRED TO CONNECT TRACER WIRES TOGETHER (i.e. TRACER WIRE EXTENSION SPOOL TO SPOOL, SERVICE TO MAIN, MAIN TO MAIN INTERSECTIONS, AND HYDRANT TO MAIN INSTALLATIONS). BLUE HDPE CTS SHALL BE SUBSTITUTED FOR TYPE "K" COPPER IN LINE SERVICES.
3. ALL THREAD FITTING CONNECTIONS SHALL BE DRESSED WITH AN APPROVED JOINTING COMPOUND
4. ANTI–SEIZE SHALL BE USED ON ALL BOLT THREADS
5. 2" GATE VALVE – M&H AWWA C509 RESILIENT WEDGE GATE VALVE 4067–07 W/ 2" SQUARE NUT
6. STAINLESS STEEL PIPE STIFFENERS ARE REQUIRED WHERE HDPE PIPE IS USED

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	10/2025	2" SINGLE METER SERVICE STANDARD	2-05
2026 Standard Drawings			

Approved By:
CITY ENGINEER
1/26/26
DATE

CENTRALIA Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA. 98531
P: 360.330.7512 F: 360.330.7516
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WATER
WATERMAIN RELOCATION
3/4" & 2" SINGLE METER
SERVICE DETAILS

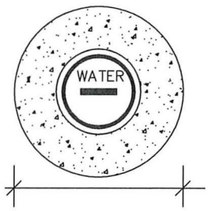
PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
40849
REGISTERED
PROFESSIONAL ENGINEER
1/26/26

DESIGNED BY:	PPAGE
DRAWN BY:	RSORTO
SURVEYED BY:	
CHECKED BY:	PP/BH
December, 2025	
C07	
7 OF 10	

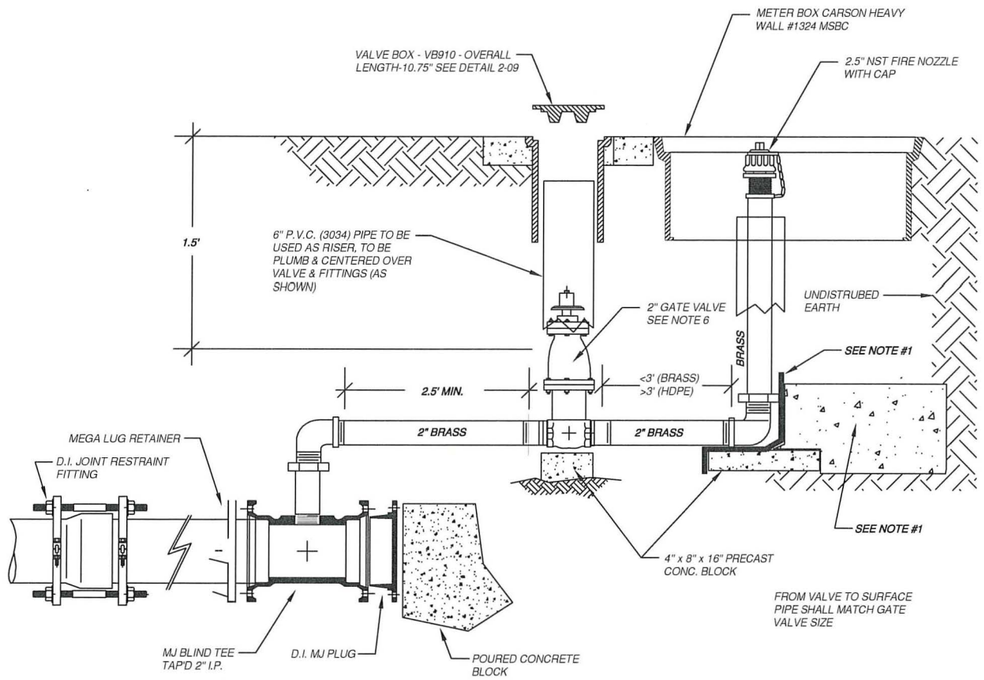
BLOW OFF ASSEMBLY GENERAL NOTES

1. POURED IN PLACE CONCRETE BLOCK SIZE (2 FT. WIDE, 2 FT. DEEP, AND 3 FT. MIN LENGTH TO UNDISTURBED NATIVE) LENGTH IS A VARIABLE DEPENDING UPON DISTANCE TO UNDISTURBED NATIVE SOIL. USE 12 ML. PLASTIC AROUND MAIN LINE FITTINGS AND BLOW-OFF ASSEMBLY WHEN INSTALLING THRUST BLOCKS.
2. ALL BLOW-OFF ASSEMBLIES ATTACHED TO P.V.C. MAINS MUST HAVE 12 GAUGE COATED COPPER TRACER WIRE TIED OFF AT THE VALVE BOX BODY AND EXTENDING ONE FOOT BEYOND TOP OF VALVE BOX.
3. VALVE CANS WILL BE CENTERED OVER THE GATE VALVE AT FINISH GRADE OF SURFACE. METER BOXES CONTAINING THE BLOW-OFF ASSEMBLY SHALL BE CENTERED AND SET AT FINISH GRADE OF A "NON-PAVEMENT AREA" ONLY. A CONCRETE COLLAR WILL BE REQUIRED FOR BOTH ITEMS IF PLACED OUTSIDE OF A "NON-PAVEMENT AREA" FOR SUPPORT AND MAINTENANCE.
4. FITTINGS FROM D.I. BLIND FLG. TEE TO 2" GATE VALVE WILL BE 2" DIAMETER AND MADE OF BRASS (3' MAX), FROM GATE VALVE TO BLOW OFF ASSEMBLY SHALL BE BRASS OR HDPE DEPENDING ON DISTANCE TO BLOW OFF.
5. VALVE CANS WILL BE OLYMPIC FOUNDRY INC. VB910 VALVE BOX WITH "WATER" CAST IN LID, OVERALL LENGTH IS 10.75"
6. 2" GATE VALVE-M&H AWWA C509 RESILIENT WEDGE GATE VALVE 4067-07 W/2" SQUARE NUT.
7. ALL PRODUCTS WILL NEED TO BE SUBMITTED AND APPROVED BY THE CITY OF CENTRALIA ENGINEERING DEPT. BEFORE BEING ORDERED OR INSTALLED.

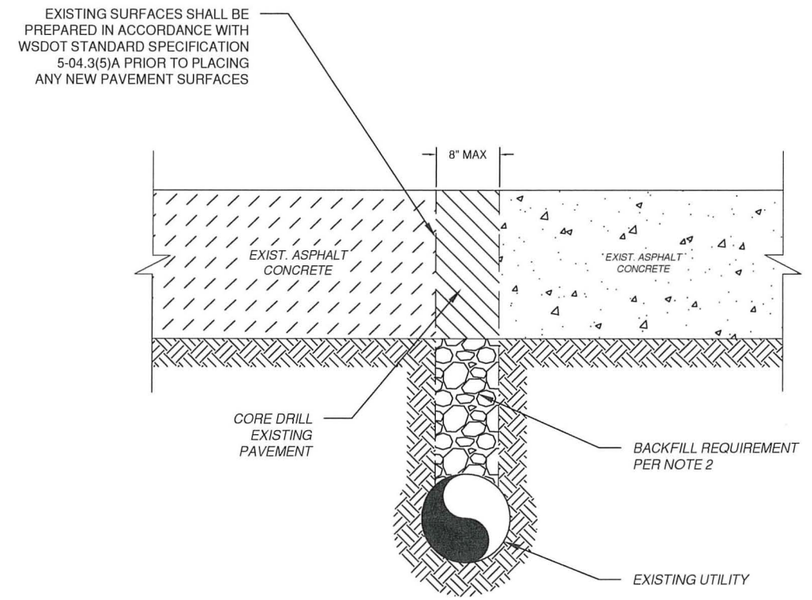


A CONCRETE COLLAR SHALL BE PLACED 1 FOOT OUTSIDE THE PERIMETER OF (CAN/BOX) INSTALLED IN "NON-PAVED AREA" ONLY.

COMMERCIAL GRADE CONCRETE (3000psi MIN), FORMED AND CAST 4 INCHES THICK CENTERED ON STRUCTURE - SEE DETAIL 2-09



APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	09/2025	2" BLOW-OFF ASSEMBLY NON PAVEMENT AREAS	2-08-A
2026 Standard Drawings			



NOTES:

1. THE EXISTING PAVEMENT SHALL BE CUT FULL DEPTH WITH A MAXIMUM EIGHT–INCH DIAMETER CORE DRILL. THE SUB–BASE MATERIAL SHALL BE REMOVED USING A VACUUM EXCAVATOR, KEEPING THE EXCAVATION AS MINIMAL AS POSSIBLE.
2. BACKFILL THE EXCAVATION WITH A SIX–INCH CUSHION OF CRUSHED ROCK OVER THE UTILITY THEN PLACE THE REMAINING VOID WITH CDF. IF THE RESULTANT VOID DEPTH IS GREATER THAN 30 INCHES, ONLY THE TOP 30 INCHES SHALL REQUIRE CDF. THE REMAINING DEPTH SHALL BE FILLED WITH COMPACTED CSTC.
3. FOR ASPHALT CONCRETE STREETS, REPAIR PAVEMENT CORE SECTION WITH CL. 1/2–INCH PG 64–22 HMA. PROVIDE A T–CUT, 2 INCHES LARGER THAN POTHOLE DIAMETER. FOR CEMENT CONCRETE PAVEMENT STREETS, REPLACE THE CORED SECTION WITH CLASS 6000 CEMENT CONCRETE.
4. IF EXCAVATION IS LARGER THAN 8 INCHES IN DIAMETER, RESTORATION SHALL COMPLY WITH TRENCH RESTORATION REQUIREMENTS.
5. IF THREE OR MORE CORES ARE MADE WITHIN A ROAD SECTION, RESTORATION SHALL COMPLY WITH TRENCH RESTORATION REQUIREMENTS.
6. MAXIMUM 1 POTHOLE WITHIN HALF–STREET WIDTH, WITHIN 10 FEET LINEAR SPACING OF ANOTHER POTHOLE OR WITHIN AN EXISTING PATCH. 2 OR MORE POTHOLES WITHIN HALF–STREET WIDTH OR LESS THAN 10 FEET APART WILL REQUIRE TRENCH RESTORATION PER CITY STANDARDS.
7. IF CORES ARE MADE IN EXISTING SIDEWALK PANELS, THE ENTIRE PANEL SHALL BE REPLACED. RESTORATION LIMITS TO BE DETERMINED BY ENGINEERING DEPARTMENT PRIOR TO WORK.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	10/2025	Pothole Patch Repair	4-01B
2026 Standard Drawings			

Approved By:

CITY ENGINEER — DATE 1/26/26

CENTRALIA
Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
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No.	DATE	REVISION
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WATER
WATERMAIN RELOCATION
2" BLOW OFF ASSEMBLY &
POTHOLE PATCH REPAIR

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
40849
REGISTERED
PROFESSIONAL ENGINEER
1/26/26

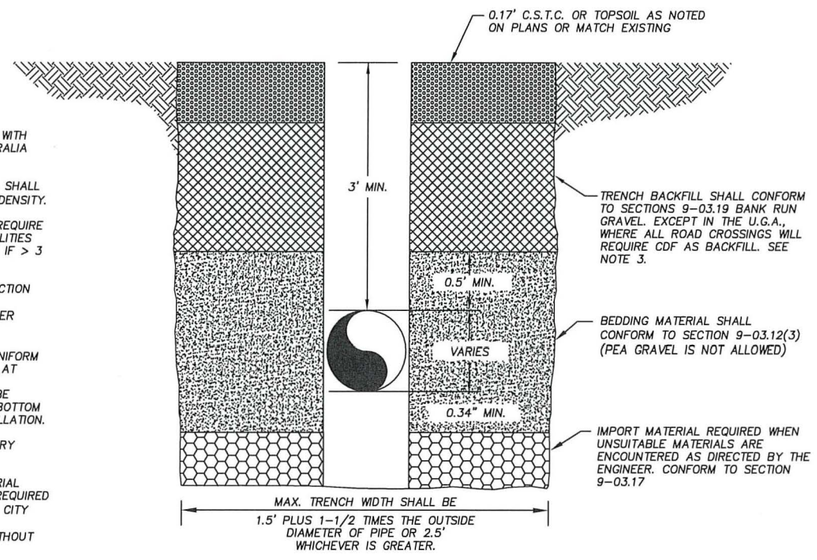
DESIGNED BY: PPAGE
DRAWN BY: RSORTO
SURVEYED BY:
CHECKED BY: PP/BH

December, 2025

C08

NOTES:

1. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH WSDOT SPECIFICATIONS AND CITY OF CENTRALIA STANDARDS.
2. ALL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6" MAX. LIFTS TO 95% DENSITY.
3. ALL ROADWAY TRENCH CROSSINGS SHALL REQUIRE CDF AS TRENCH BACKFILL EXCEPT FOR UTILITIES DEEPER THAN 5 FEET. 2 FOOT MIN. DEPTH IF > 3 FOOT BURY.
4. BEDDING MATERIAL SHALL CONFORM TO SECTION 9-03.12(3) OF WSDOT SPECIFICATIONS COMPACTED TO 95% OF MAX. DENSITY PER ASTM D1557.
5. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT THE PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.
6. COLD MIX WILL BE REQUIRED FOR TEMPORARY PATCHES OR ROAD CROSSINGS.
7. ALL TRENCH BACKFILL AND BEDDING MATERIAL SHALL BE IMPORT, EXCEPT WHERE CDF IS REQUIRED (SEE NOTE 3). SUBMIT ALL MATERIALS FOR CITY REVIEW PRIOR TO CONSTRUCTION.
(NO NATIVE MATERIAL WILL BE ALLOWED WITHOUT APPROVAL FROM CITY ENGINEER)



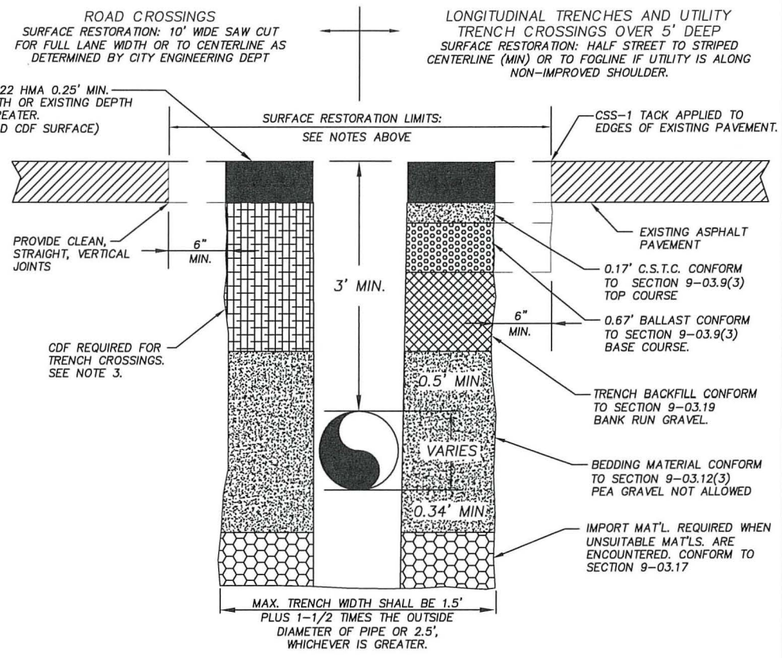
STD. PLAN NO.	APPROVED BY	REVISED DATE	CITY OF CENTRALIA
4-02	CITY ENGINEER	10/2025	TRENCH RESTORATION OUTSIDE PAVED AREA
	2026 Standard Drawings		

ROAD CROSSINGS
SURFACE RESTORATION: 10' WIDE SAW CUT FOR FULL LANE WIDTH OR TO CENTERLINE AS DETERMINED BY CITY ENGINEERING DEPT

LONGITUDINAL TRENCHES AND UTILITY TRENCH CROSSINGS OVER 5' DEEP
SURFACE RESTORATION: HALF STREET TO STRIPED CENTERLINE (MIN) OR TO FOGLINE IF UTILITY IS ALONG NON-IMPROVED SHOULDER.

NOTES:

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2. ALL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6" MAX. LIFTS TO 95% DENSITY.
3. ALL ROADWAY TRENCH CROSSINGS SHALL REQUIRE CDF AS TRENCH BACKFILL EXCEPT FOR UTILITIES DEEPER THAN 5 FEET. 2 FOOT MIN. DEPTH IF > 3 FOOT BURY.
4. BEDDING MATERIAL SHALL CONFORM TO SECTION 9-03.12(3) OF WSDOT SPECIFICATIONS COMPACTED TO 95% OF MAX. DENSITY PER ASTM D1557.
5. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT THE PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.
6. COLD MIX WILL BE REQUIRED FOR TEMPORARY PATCHES OR ROAD CROSSINGS.
7. ALL TRENCH BACKFILL AND BEDDING MATERIAL SHALL BE IMPORT, EXCEPT WHERE CDF IS REQUIRED (SEE NOTE 3). SUBMIT ALL MATERIALS FOR CITY REVIEW PRIOR TO CONSTRUCTION.
(NO NATIVE MATERIAL WILL BE ALLOWED WITHOUT APPROVAL FROM CITY ENGINEER)



STD. PLAN NO.	APPROVED BY	REVISED DATE	CITY OF CENTRALIA
4-03	CITY ENGINEER	10/2025	TRENCH RESTORATION ASPHALT PAVEMENT
	2026 Standard Drawings		

Approved By:

CITY ENGINEER — DATE 1/20/26

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1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
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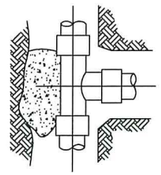
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WATER
WATERMAIN RELOCATION
TRENCH RESTORATION DETAILS

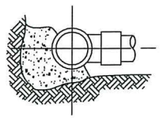
PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE — STATE OF WASHINGTON — 48849 REGISTERED PROFESSIONAL ENGINEER — 1/20/26

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CHECKED BY:	PP/BH
December, 2025	
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9 OF 10	

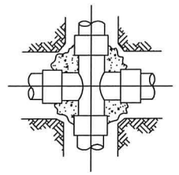


TOP VIEW

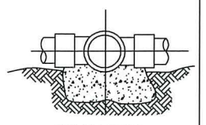


SIDE VIEW

TEE

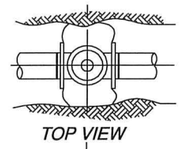


TOP VIEW

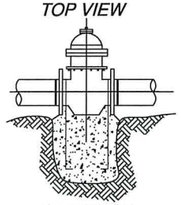


SIDE VIEW

CROSS

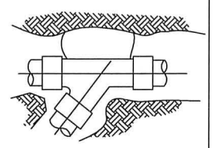


TOP VIEW



SIDE VIEW

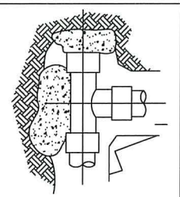
GATE VALVE



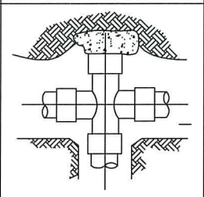
WYE



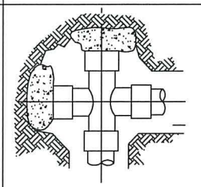
HORIZ. BEND



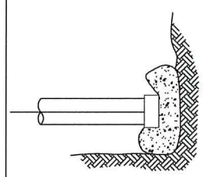
TEE WITH PLUG



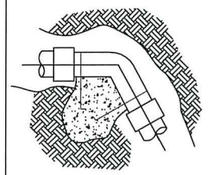
CROSS WITH PLUG



CROSS WITH PLUGS



PLUG OR CAP



45° – 90°

VERT. BEND

NOTES:

1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. PLASTIC BARRIER (12 MIL.), SHALL BE PLACED BETWEEN ALL THRUST BLOCKS & FITTINGS
3. ANCHOR REBAR SHALL BE #8 ON 12" DIA. AND LESS WITH 30" EMBEDMENT, #8 ON 16"–24" DIAMETER WITH 36" EMBEDMENT.
4. ALL FITTINGS TO BE MJ–MEGA LUG RETAINER GLANDS
5. PLUGS TO BE MINIMUM OF 5' FROM TEE, WYE OR CROSS ON VALVE
6. ALL MECHANICAL BOLTS TO FITTINGS SHALL HAVE ANTI–SEIZE COMPOUND APPLIED TO THE BOLTS
7. NO CONCRETE WILL COME IN CONTACT WITH ANY MECHANICAL JOINTS

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	06/2017	STANDARD BLOCKING DETAIL	2-10
2026 Standard Drawings			

THRUST LOADS

THRUST AT FITTINGS IN POUNDS AT 200 POUNDS PER SQUARE INCH OF WATER PRESSURE

PIPE DIAMETER	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	DEAD END OR TEE
4"	3,600	2,000	1,000	500	2,600
6"	8,000	4,400	2,300	1,200	5,700
8"	14,300	7,700	4,000	2,000	10,100
10"	22,300	12,100	6,200	3,100	15,800
12"	32,000	17,400	8,900	4,500	22,700
14"	43,600	23,600	12,100	6,100	30,800
16"	57,000	30,800	15,700	7,900	40,300

NOTES:

1. BLOCKING SHALL BE CEMENT CONCRETE CLASS "B" POURED IN PLACE AGAINST UNDISTURBED EARTH. FITTING SHALL BE ISOLATED FROM CONCRETE THRUST BLOCK WITH PLASTIC OR SIMILAR MATERIAL.
2. TO DETERMINE THE BEARING AREA OF THE THRUST BLOCK IN SQUARE FEET (S.F.): EXAMPLE: 12" – 90 DEG. BEND IN SAND AND GRAVEL 32,000 LBS : 3000 LB/S.F. = 10.7 S.F. OF AREA
3. AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZE, PRESSURES AND SOIL CONDITIONS.
4. BLOCKING SHALL BE ADEQUATE TO WITHSTAND FULL TEST PRESSURE AS WELL AS TO CONTINUOUSLY WITHSTAND OPERATING PRESSURE UNDER ALL CONDITIONS OF SERVICE.
5. BLOCKING FOR PIPES LESS THAN 4" DIA. WILL USE 4" PIPE VALUES.

SAFE SOIL BEARING LOADS

FOR HORIZONTAL THRUSTS WHEN THE DEPTH OF COVER OVER THE PIPE EXCEEDS 2 FEET

SOIL	POUNDS PER SQUARE FOOT
MUCK,PEAT	0
SOFT CLAY	1,000
SAND	2,000
SAND & GRAVEL	3,000
SAND & GRAVEL CEMENTED WITH CLAY	4,000
HARD SHALE	10,000

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	06/2017	THRUST LOADS	2-18
2026 Standard Drawings			

Approved By:

CITY ENGINEER — DATE 1/26/26

CENTRALIA
Public Works Engineering Dept.
1100 N. TOWER AVE
CENTRALIA, WA 98531
P: 360.330.7512 F: 360.330.7516
CITYOFCENTRALIA.COM

No.	DATE	REVISION
0	12.1.2025	PRELIMINARY ISSUE
1	1.16.2026	ISSUED FOR CONSTRUCTION

WATER
WATERMAIN RELOCATION
STANDARD BLOCKING & THRUST LOADS DETAILS

PW-2025-12
JONES RD
WATERMAIN RELOCATION

PATRICIA MARIE PAGE
STATE OF WASHINGTON
19849
REGISTERED
PROFESSIONAL ENGINEER
1/26/26

DESIGNED BY:	PPAGE
DRAWN BY:	RSORTO
SURVEYED BY:	
CHECKED BY:	PP/BH
December, 2025	
C10	
10 OF 10	

SECTION 17, TWP. 14 N RGE. 1W, W.M.

LAND LINES ARE APPROXIMATE

THE WEST QUARTER CORNER OF SECTION 17, T14N R1W-L05
(7-2021 LEWIS COUNTY FIELD BOOK VOL. 938 PG. 8-9) FOUND A 6" SPLIT CEDAR FENCE POST, TOP OF POST IS ROTTEN, DROVE A RURAHAIL IN THE TOP OF POST FOR LOCATION POINT, PER LAND CORNER RECORD UNDER AFN 3560084

THE NORTH QUARTER CORNER OF SECTION 17, T14N R1W-J07
(9-2021 LEWIS COUNTY FIELD BOOK VOL. 938 PG. 58-59) FOUND A 3" BRASS CAP IN A 6" CLAY TILE, PER LAND CORNER RECORD UNDER AFN 3561500

THE NE1/4 OF THE SW1/4 OF SECTION 17, T14N R1W

THE SE1/4 OF THE SW1/4 OF SECTION 17, T14N R1W

THOMAS AND DIANN HEINRICHER PARCEL 020609-001-000

CLAYTON GRAHAM AND KELLY MARIE GRAHAM PARCEL 020598-004-001

THOMAS AND DIANN HEINRICHER PARCEL 020602-003-000

HOUSE

16' EASEMENT FOR CITY OF CENTRALIA WATER LINE PER AFN 323471 AND AFN 104951. DEEDS DO NOT GIVE A LOCATION. THE LOCATION DEPICTED IS BASED ON THE AS-BUILT OF THE UNDERGROUND LOCATES.

PACIFIC FIBERLINK PROJECT AND OLYMPIC PIPELINE COMPANY LOCATION AS PER REFERENCE DOCUMENT #2. THE LOCATION DEPICTED IS BASED ON THE AS-BUILT OF THE UNDERGROUND LOCATES. RIGHT OF WAY WIDTH IS LISTED AS 50' WIDE PER AFN 682417.

EXISTING WATER LINE EASEMENT SEE SURVEY NOTE 1.

JONES RD. #4564

LITTLE HANAFORD RD. #4686

HURD RD. #4566A

OLD TACOMA OLYMPIA CHEHALIS VALLEY RAIL LINE "KOPIAH LINE"

OLD TACOMA OLYMPIA CHEHALIS VALLEY RAIL LINE "MAIN LINE"

THE CENTER SOUTH SIXTEENTH CORNER OF SECTION 17, T14N R1W-M07
CALCULATED POSITION

THE SOUTH QUARTER CORNER OF SECTION 17, T14N R1W-N07
(9-2021 LEWIS COUNTY FIELD BOOK VOL. 938 PG. 36-37) FOUND A 3 1/2" SMALL GAUGE RAILROAD RAIL, 1.5' VISIBLE IN OLD EAST-WEST FENCE LINE, DROVE RAILROAD RAIL FLUSH WITH THE GROUND AND SET A 3 1/2" ALUMINUM CAP IN A 6" CONCRETE CYLINDER ABOVE RAIL, PER LAND CORNER RECORD UNDER AFN 3561496

SAWDUST CONVEYOR

SAWMILL

S52°32'25"E

S55°55'47"E 1295.57'

N00°40'24"E 3923.13'

N00°40'24"E 3959.78'

S77°33'41"E 358.93'

S77°33'41"E 2590.21'

N62°13'09"W

JONES RD.

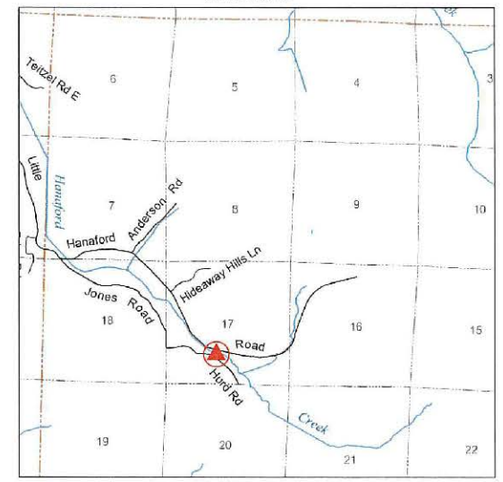
20'

50 0 50 100 150

Scale: 1" = 50'

BEARINGS ARE BASED ON NAD 83/91 (WASHINGTON STATE PLANE GRID, SOUTH ZONE) N35°22'43"W BETWEEN LEWIS COUNTY GPS MONUMENT "LITTLE HANAFORD 1001" AND LEWIS COUNTY GPS MONUMENT "TEITZEL 1000". CONTROL FOR THE PROJECT WAS DERIVED FROM RTK OBSERVATIONS USING THE MONUMENTS NOTED ABOVE FOR BASE CONTROL. ADDITIONAL BASELINES WERE ALSO COLLECTED BY RTK METHOD FOR SECTION CORNER CONTROL. DISTANCES FOR THIS PROJECT WERE SCALED TO GROUND USING A SCALE FACTOR OF 1.00008367

VICINITY MAP
NOT TO SCALE



PROPOSED RIGHT OF WAY ACQUISITION

PARCEL NUMBER	PROPERTY OWNER	ASSESSORS PARCEL BEFORE ACQUISITION	R/W ACQUISITION AREA		TEMP. CONST. EASEMENT		ASSESSORS PARCEL AFTER ACQUISITION
020609-001-000	THOMAS AND DIANN HEINRICHER		(A) 0.02 ACRES	(1)	0.04 ACRES		
			(B) 0.01 ACRES	(1-1)	0.02 ACRES		
				(2)	0.01 ACRES		
		80.15 ACRES	0.03 ACRES		0.07 ACRES		80.15 ACRES
020602-003-000	THOMAS AND DIANN HEINRICHER		(C) 0.02 ACRES	(3)	0.10 ACRES		
			(D) 0.02 ACRES	(4)	0.02 ACRES		
				(4-1)	0.01 ACRES		
		2.67 ACRES	0.04 ACRES		0.13 ACRES		2.63 ACRES
020598-004-001	CLAYTON GRAHAM AND KELLY MARIE GRAHAM		(E) 0.03 ACRES	(5)	0.01 ACRES		
			(F) 0.03 ACRES	(6)	0.06 ACRES		
				(6-1)	0.02 ACRES		
		1.69 ACRES	0.06 ACRES		0.09 ACRES		1.63 ACRES

SURVEY NOTES:
1. ONE FOOT WIDE WATERLINE EASEMENT PER AFN 9410767 FOR 2779 LITTLE HANAFORD RD COMMENCES AT WATER VALVE NEAR THE FIRE HYDRANT ON THE EAST SIDE OF JONES RD, SOUTH OF THE CULVERT, THENCE RUNS ALONG SOUTH SIDE OF LITTLE HANAFORD TO SERVED PARCEL, THE DEED DOES NOT GIVE A LOCATION.

REFERENCE DOCUMENTS:
1. RECORD OF SURVEY VOLUME 5 PAGE 277, LS#10785
2. DEEDS AFN 665514, 666449, 682417 AND 3050802.
3. LAND CORNER RECORD AFN 3561499, 3561500 AND 3560084, LS#57244
4. STATUTORY WARRANTY DEED AFN 3807357, 3530490
5. CITY OF CENTRALIA WATER LINE DEED AFN 104951 AND 323471
6. WATERLINE EASEMENT AND AGREEMENT AFN 9410767

RIGHT OF WAY MAP LEGEND

- EXISTING ROW
- REQUIRED ROW
- REQUIRED EASE.
- ROW CENTERLINE
- EXISTING FENCE
- PROPOSED ROW
- TEMP CONST EASEMENT
- ADDITIONAL TEMP CONST EASEMENT
- SECTION CORNER
- QUARTER CORNER
- CALCULATED POSITION
- SIXTEENTH CORNER
- SET 5/8" REBAR & CAP LS 57244
- SECTION LINE
- QUARTER AND SIXTEENTH SECTION LINE
- SECTION TIE
- EXISTING EDGE OF ROAD
- RADIUS POINT LINES
- PROPERTY LINE
- OWNERSHIP TIE OR NOT TO SCALE FLYTIE
- PROJECT AREA
- PURCHASE AREAS OR EASEMENTS
- SET 3 1/2" LC ALUMINUM CAP WITH ROAD STATION.

Lewis County
Department of Public Works
57 WEST MAIN ST.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY :
DRAWN BY : SL
CHECKED BY :
DATE : 6-04-2026

RIGHT OF WAY ALIGNMENT APPROVED BY :
SURVEY : DATE : 6-8-26
PROPERTY MANAGEMENT : DATE : 6/4/26
COUNTY ENGINEER: DATE : 6/8/26

NO.	DATE	REVISION	BY	APP.

JONES ROAD CULVERT REPLACEMENT
RIGHT OF WAY MAP
MP 1.71

COUNTY PROJECT NO:SM21F171900171

RIGHT OF WAY MAP
STA 10+00 TO STA 13+39.05

SHEET R1 OF R1

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555
"It's the Law"
Utilities Underground Location Center

SHAWN ANTHONY LATHAM
STATE OF WASHINGTON
57244
REGISTERED PROFESSIONAL LAND SURVEYOR
6-8-26