

ADDENDUM NO. 2

To the Plans and Specifications for the

TOWER ROAD BRIDGE AT ROCK CREEK PROJECT

Project No. 1801

For the Department of Public Works, Cowlitz County, Washington

Bid Opening Date: **March 9, 2026, at 1:30 p.m.** (unchanged)

THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS TO THE SAME EXTENT AS THOUGH IT WAS ORIGINALLY INCLUDED THEREIN.

BIDDER'S CHECKLIST

The Apprentice Utilization Plan does not need to be submitted with the bid proposal. In accordance with the Special Provisions for Section 1-07.9(3) Apprentices, the Apprentice Utilization Plan shall be submitted within 30 calendar days of contract execution, however no later than the preconstruction meeting. Attached to this addendum is a revised Bidder's Checklist, which is informational only and does not need to be submitted with the bid proposal.

PROPOSAL FORM

The Proposal Form has been revised to include bid items for Apprenticeship Incentive, Apprenticeship Penalty, and Topsoil Type A. Also, bid items including Class 4000 concrete have been revised to Class 5000 Concrete. In addition, quantities have been revised for the bid items for Structural Earth Wall, Gravel Borrow for Structural Earth Wall Incl. Haul, and Concrete Fascia Panel for Geosynthetic Wall. Attached to this addendum is a revised Proposal Form.

SPECIAL PROVISIONS

1-03.2 Award of Contract

The Special Provisions for Section 1-03.2 from Addendum No. 1 are revised as follows:

Section 1-03.2 is supplemented with the following:

(*****)

The successful bidder shall provide all shop drawings and submittals for the precast concrete girders within **28** calendar days after the Contract is awarded. Bidders should be aware that the girders for this project have a negative precamber.

1-07.9(3) Apprentices

The Special Provisions for Section 1-07.9(3) are revised as follows:

1-07.9(3) Apprentices

(*****)

Supplement this section with the following:

Apprentice Utilization

This Contract includes an Apprentice Utilization Requirement. Fifteen percent or more of project Labor Hours shall be performed by Apprentices unless Good Faith Efforts are accepted. Apprentice Utilization will be determined using the Department of Labor and Industries (L&I) online Prevailing Wage Intent & Affidavit (PWIA) system.

Definitions

For the purposes of this specification the following definitions apply:

1. Apprentice is a person enrolled in a State-approved Apprenticeship Training Program.
2. Apprentice Utilization is the apprentice labor hours, on the project, expressed as a percentage of project Labor Hours based on certified payrolls or the affidavits of wages paid, whichever is least. The percentage is not rounded up.
3. Apprentice Utilization Requirement is the minimum percentage of apprentice labor hours required by the Contract.
4. Good Faith Effort(s) (GFE) describes the Contractor's efforts to meet the Apprentice Utilization Requirement including but not limited to the specific steps as described elsewhere in this specification.
5. Labor Hours are the total hours performed by all workers receiving an hourly wage who are subject to prevailing wage requirements for work performed on the Contract as defined by RCW 39.04.310. Labor Hours are determined based on the scope of work performed by the individuals, rather than the title of their occupations in accordance with WAC 296-127.
6. State-approved Apprenticeship Training Program is an apprenticeship training program approved by the Washington State Apprenticeship Council.
7. Apprentice Wage Rates are the applicable wage rates that are to be paid for an apprentice registered in a training program, separate from Journey Level rates, as set by the Washington State Apprenticeship Training Council and Washington State Department of Labor and Industries (L&I).

Electronic Reporting

The Contractor shall use the PWIA System to submit the “Apprentice Utilization Plan”. Reporting instructions are available in the application.

Apprentice Utilization Plan

The Contractor shall submit an “Apprentice Utilization Plan” by filling out the Apprentice Utilization Plan Form (WSDOT Form 424-004) or other form approved by the Contracting Agency within 30 calendar days of Contract execution, however no later than the preconstruction meeting, demonstrating how and when they intend to achieve the Apprentice Utilization Requirement. The Plan shall be in sufficient detail for the Engineer to track the Contractor’s progress in meeting the utilization requirements. An Apprentice Utilization Plan shall be updated and resubmitted as the Work progresses or when requested by the Engineer or other Contracting Agency representative.

If the Contractor is unable to demonstrate the ability to meet the Apprentice Utilization Requirement with their initial Apprentice Utilization Plan submission, an effort must be made to find additional registered apprentices to perform on the contract. If after attempts have been made at every tier and every scope, the Contractor must submit GFE documentation to the Contracting Agency. The Contractor shall actively seek out opportunities to meet the Apprentice Utilization Requirement during the construction Work.

Subcontracts

The Contractor must not require subcontractors to attain more than 15% of a subcontract’s proposed labor hours for the subcontract’s scope of Work.

Contacts

The Contractor may obtain information on State-approved Apprenticeship Training Programs by using the [Apprentice Registration and Tracking System \(ARTS\)](https://secure.lni.wa.gov/arts-public/#/program-search) <https://secure.lni.wa.gov/arts-public/#/program-search> or contacting the Department of Labor and Industries directly at:

Specialty Compliance and Services Division, Apprenticeship Section, P.O. Box 44530, Olympia, WA 98504-4530 or by phone at (360) 902-5320.

Compliance

The Contractor is expected to make attempts to employ Apprentices and shall include the requirement in any subcontracts at any tier. In the event that the Contractor is unable to achieve the Apprentice Utilization Requirement, the Contractor shall submit GFE documentation demonstrating the efforts and attempts they made. Final GFE documentation shall be submitted to the Contracting Agency after Substantial Completion but no later than 30 days after Physical Completion.

If the Contractor fails to actively attempt to employ Apprentices, submit GFE documentation, or if the Engineer does not approve the GFE, the Contractor will be assessed a penalty. The Engineer will provide the Contractor with a written notice at Final Acceptance of the project informing the Contractor of the failure to comply with this specification which will include a

calculation of the penalty to be assessed as provided for in the Payment section in this special provision.

If the Contractor achieves the required Apprentice Utilization an incentive will be assessed with Final Payment.

Good Faith Efforts

The GFE shall document the attempts (efforts) the Contractor (and any subcontractor at any tier) made to meet the Apprentice Utilization Requirement. Emails, letters, or other written communications with letterhead, titles, and contact information are required.

Documentation must include one or more of the following accepted GFEs:

1. Demonstrated Lack of Availability of Apprentices. Correspondence from State-approved Apprenticeship Training Program(s), with project specific responses confirming there is a lack of availability of Apprentices for this project.
2. Demonstrated Disproportionate Ratio of Material/Equipment/Products to Labor Hours. Documentation explaining the bid includes a disproportionate high cost of material/equipment/products to Labor Hours. (E.g., a \$2 M estimated contract includes \$1 M or more in procurement costs of equipment to be installed.)
3. Demonstrated Lack of Necessary Labor Hours. Correspondence from a State-approved Apprentice Training Programs confirming there is not enough time in the project to meet required journey level to apprentice training ratios.
4. Demonstrated Lack of Available Approved Programs. Correspondence from State-approved Apprentice Training Programs, confirming there are no programs that train for the scopes included/anticipated on the project. Contractor and state programs to submit training program detail needs and details that could be used for future program creation.
5. Funding Precedent. Documentation that shows conflicting, more restrictive, or precedent requirements for other training on the Project. Examples include, but are not limited to, Tribal Employment Rights (TERO), Federal Training Hours, or Special Training that affect the ability to use state-registered apprentices.
6. Warranty Work. Documentation from Original Equipment Manufacturers, or similar, confirming that Work performed must only be completed by certified journey-level installers or risk voiding warranty, or similar.
7. Other Effort. The Contractor may submit other evidence, documentation, or rationale for not being able to achieve the required Apprentice Utilization that are not covered in the other efforts named. Other efforts will still need to be corroborated by an independent, knowledgeable third-party.

Contractors may receive a GFE credit for graduated Apprentice hours through the end of the calendar year for all projects worked on as long as the Apprentice remains continuously employed with the same Contractor/subcontractor they were working for when they graduated. If an Apprentice graduates during employment on a project of significant duration, they may be counted towards a GFE credit for up to one year after their graduation or until the end of the project (whichever comes first). Determination of whether Contract requirements were met in good faith will be made by subtracting the hours from the journeyman total reported hours for the project and adding them to the apprentice hour total. If the new utilization percentage meets the Contract requirement, the Contractor will be reported as meeting the requirement in good faith.

Approving Good Faith Efforts

The Contracting Agency will review submitted Good Faith Efforts and issue a determination. The Engineer may request additional information, documentation, evidence or similar in order to approve such efforts. A determination by the Engineer is final. The approved Good Faith Efforts will be loaded into the PWIA system by the Contracting Agency.

Measurement

Apprenticeship hours used to calculate the item "Apprentice Incentive/Penalty", by calculation, will be measured for each hour of Work performed by an apprentice as shown on the Monthly Apprentice Utilization Report, based on certified payrolls or the affidavits of wages paid, whichever is least. The percentage is not rounded up. The calculation of incentive/penalty will be assessed based on the Final Payment for Contractors who meet the Apprentice Utilization Requirement without a reduction by Good Faith Effort.

Payment

Payment will be made for the following Bid Items when included in the proposal:

"Apprenticeship Incentive", by calculation.

When the Contractor meets the apprenticeship requirement of 15%, payment for this bid item shall be \$10,000. If the Contractor fails to meet the apprenticeship requirement of 15%, payment for this bid item shall be \$0.

For the purpose of providing a common proposal for all bidders, the Contracting Agency has entered an Incentive amount in the proposal to become a part of the total bid by the Contractor.

"Apprenticeship Penalty", by calculation.

When the Contractor fails to meet the apprenticeship requirement of 15%, a penalty will be assessed for each hour that is not achieved, unless a Good Faith Effort is approved by the Contracting Agency.

A “penalty assessment” will be applied to every hour of shortfall of the minimum required apprentice hours, as shown in the Apprenticeship Utilization data reported through the MySecure L&I webpage, using the applicable published rate of a step-1 apprentice laborer. The penalty assessment will be applied against the final payment to Contractors. If the final payment amount is less than the penalty assessment the County will invoice the Contractor for the remaining penalty amount. The County will not request approval to release Retainage or Performance Bond from Department of Revenue, Department of Labor and Industries and Employment Security Department until the penalty has been satisfied in full. Under no circumstances will the total penalty assessment exceed five percent (5%) of the total contract sum.

For the purpose of providing a common proposal for all bidders, the Contracting Agency has entered an Incentive amount in the proposal to become a part of the total bid by the Contractor.

The Contractor shall include all related costs in the unit Bid prices of the Contract, included but not limited to implementing, developing, documenting, and administering an apprenticeship utilization program, recording and reporting hours and all other costs to comply with this provision.

1-08.6 Suspension of Work

Section 1-08.6 is supplemented with the following:

(*****)

Contract time will **not** be suspended for procurement of precast concrete girders. There are multiple suppliers of precast concrete girders with different lead times for delivery. The Contractor shall provide precast concrete girders that are delivered in time to complete the overall project within the Contract time.

BID ITEM 8: REMOVAL OF STRUCTURES AND OBSTRUCTIONS

BID ITEM 9: REMOVING EXISTING BRIDGE – TEMPORARY TOWER ROAD

2-02.1 Description

The Special Provisions for Section 2-02.1 are revised as follows:

2-02.1 Description

Add the following to Section 2-02.1:

(*****)

Removal of Structures and Obstructions shall consist of the following work:

- | | |
|----------------------------|----------|
| 1. Remove Concrete Barrier | 138 L.F. |
| 2. Remove Existing Sign | 6 Each |
| 3. Remove HDPE Culvert | 78 L.F. |

- | | |
|--|----------|
| 4. Remove Wood Fence | 104 L.F. |
| 5. Remove Sand Barrel | 6 Each |
| 6. Remove Portion of Existing Structure – Abutment 1 | 1 Each |
| 7. Remove Portion of Existing Structure – Abutment 2 | 1 Each |
| 8. Remove Concrete Box Culvert | 1 Each |

BID ITEM 24: CONC. CLASS 4000 FOR BRIDGE – ABUTMENT

BID ITEM 25: ST. REINF. BAR FOR BRIDGE ABUTMENT

BID ITEM 26: CONC. CLASS 4000 FOR BRIDGE – CURTAIN WALLS

BID ITEM 27: ST. REINF. BAR FOR CURTAIN WALLS

BID ITEM 28: SUPERSTRUCTURE TOWER ROAD BRIDGE

Bid items 24 and 26 have been revised from Concrete **Class 4000** to Concrete **Class 5000**. All references to **Class 4000** in the Special Provisions are revised to **Class 5000**. All references to **Class 4000D** in the Special Provisions are revised to **Class 5000D**. The bid items for these Special Provisions are revised as follows:

BID ITEM 24: CONC. CLASS 5000 FOR BRIDGE – ABUTMENT

BID ITEM 25: ST. REINF. BAR FOR BRIDGE ABUTMENT

BID ITEM 26: CONC. CLASS 5000 FOR BRIDGE – CURTAIN WALLS

BID ITEM 27: ST. REINF. BAR FOR CURTAIN WALLS

BID ITEM 28: SUPERSTRUCTURE TOWER ROAD BRIDGE

Replace the Special Provisions for these bid items with the following:

These bid items shall be accomplished in accordance with the Plans and Standard Specification Section 6-02, except as modified below.

6-02 CONCRETE STRUCTURES

6-02.2 Materials

Section 6-02.2 is supplemented with the following:

(September 8, 2020)

Epoxy Bonding Agent For Surfaces And For Steel Reinforcing Bar Dowels

Epoxy bonding agent for surfaces shall be Type II, as specified in Section 9-26.1. Epoxy bonding agent for steel reinforcing bar dowels shall be either Type I or Type IV, as specified in Section 9-26.1. The grade and class of epoxy bonding agent shall be as recommended by the resin manufacturer.

6-02.3 Construction Requirements

6-02.3(5) Acceptance of Concrete

6-02.3(5)G Sampling and Testing for Temperature, Consistency, and Air Content.

The second paragraph of Section 6-02.3(5)G is revised to read:

(November 20, 2023) Sampling and testing frequency

Sampling and testing will be performed before concrete placement from the first load and then randomly performed from one load for every 100 cubic yards. Concrete shall not be placed until all tests have been completed by the Engineer, and the results indicate that the concrete is within acceptable limits. If at any time the concrete is not within acceptable limits, sampling and testing will continue before concrete placement for each load until two successive loads meet all of the applicable acceptance requirements. After two successive tests indicate that the concrete is within specified limits, the testing frequency may decrease to one for every 100 cubic yards. Sampling shall be performed in accordance with FOP for WAQTC TM 2 and random samples shall be selected in accordance with WSDOT T 716. After the first acceptable load of concrete, up to ½ cubic yard may be placed from subsequent loads to be tested prior to testing for acceptance.

6-02.3(24) Reinforcement

6-02.3(24)C Placing and Fastening

Section 6-02.3(24)C is supplemented with the following:

(September 8, 2020)

Drilling Holes for, and Setting, Steel Reinforcing Bar Dowels

Where called for in the Plans, holes shall be drilled into existing concrete to the size and dimension shown in the Plans. The Contractor may use any method for drilling the holes provided the method selected does not damage the concrete and the steel reinforcing bar that is to remain. Core drilling will be required when specifically noted in the Plans.

The Contractor shall exercise care in locating and drilling the holes to avoid damage to existing steel reinforcing bars and concrete. Location of the holes may be shifted slightly with the acceptance of the Engineer in order to avoid damaging the existing steel reinforcing bars. All damage caused by the Contractor's operations shall be repaired by the Contractor in accordance with Section 1-07.13.

Steel reinforcing bars shall be set into the holes noted in the Plans with epoxy resin. The holes shall be cleaned before placing the resin.

The Contractor shall demonstrate, to the satisfaction of the Engineer, that the method used for setting the steel reinforcing bars completely fills the void between the steel reinforcing bar and the concrete with epoxy resin. Dams shall be placed at the front of the holes to confine the epoxy and shall not be removed until the epoxy has cured in the hole.

6-02.3(25) Prestressed Concrete Girders

Girders shall be fabricated with negative camber following girder profiles shown in the Plans.

Tapered bearing plate assembly shall be painted using a four-part paint system in accordance

with Section 6-07.3(9) and Section 9-08.1. Field weld and painting of tapered bearing plate assemblies shall occur after girder fabrication, but prior to shipping of girders to site. Contractor to wrap and protect bevel plate assemblies up until placement on elastomeric bearings.

6-02.3(25)L Handling and Storage

6-02.3(25)L2 Girder Lateral Stability and Stress Analysis

The table in Item No. 4 in the first paragraph of Section 6-02.3(25)L2 is revised to read:

(November 20, 2023)

Stability and Stress Analysis Table

Condition	Stress	Location	Allowable Stress (ksi)
Temporary Stress at Transfer and Lifting from Casting Bed	Tensile	In areas without bonded reinforcement sufficient to resist the tensile force in the concrete	$0.0948\lambda\sqrt{f'_{ci}} \leq 0.2$
		In areas with bonded reinforcement sufficient to resist the tensile force in the concrete	$0.24\lambda\sqrt{f'_{ci}}$
	Compressive	All locations (except as noted) At section extremities (i.e., flange tips) when lateral bending is explicitly considered	$0.7f'_{ci}$
	Tensile	In areas with bonded reinforcement sufficient to resist the tensile force in the concrete	$0.24\lambda\sqrt{f'_{ci}}$
	Compressive	All locations (except as noted) At section extremities (i.e., flange tips) when lateral bending is explicitly considered	$0.7f'_{ci}$
	Final Stresses at Service Load	Tensile	Precompressed tensile zone
Compressive		Effective prestress and permanent loads	$0.45f'_c$
		Effective prestress, permanent loads and transient (live) loads	$0.60f'_c$
Final Stresses at Fatigue Load	Compressive	Fatigue I Load Combination plus one- half effective prestress and permanent loads	$0.40f'_c$

6-02.4 Measurement

(*****)

Add the following to Section 6-02.4:

Superstructure Tower Road Bridge measured on a lump sum basis. The work consists of the Contractor's means and methods for construction of the new bridge superstructure. The estimated work items and quantities are listed below. Listed quantities are an estimate only and the Contractor shall calculate their own estimate in preparation of their bid:

WF74G Prestressed Concrete Girders with Precamber	722 LF
Concrete Class 5000	52 CY
Concrete Class 5000D	164 CY
Steel Reinforcement Bars	5,282 LBS
Epoxy Reinforcement Bars	22,532 LBS
Concrete Barrier	296 LF
BP Railing	294 LF
Bridge Bearings	10 EA

Other work elements not listed above for construction of the bridge superstructure are considered incidental to the work.

6-02.5 Payment

(*****)

Add the following to Section 6-02.5:

All costs in connection with the furnishing and placing of welded wire fabric shall be considered incidental to the Bid Item Conc. Class 5000 for Bridge – Abutment.

BID ITEM 34: CONCRETE FASCIA PANEL FOR GEOSYNTHETIC WALL

This bid item shall be accomplished in accordance with the Plans and Standard Specification Section 6-14, except as follows:

6-14 Geosynthetic Retaining Walls

6-14.3 Construction Requirements

6-14.3(6) Permanent Facing

Section 6-14.3(6) is supplemented with the following:

Concrete fascia panel for geosynthetic wall shall be either precast or cast-in-place.

BID ITEM 46: SEEDING AND MULCHING

The Special Provisions for the bid item Seeding and Mulching are revised to also include the bid

item Topsoil Type A as follows:

BID ITEM 46: SEEDING AND MULCHING

BID ITEM 66: TOPSOIL TYPE A

These bid items shall be accomplished in accordance with the Plans and Standard Specification Section 8-02, except as modified below.

8-02 ROADSIDE RESTORATION

8-02.2 Materials

Section 8-02.2 is modified as follows:

MATERIALS: SEED

Seed shall be provided in accordance with the Plans and Standard Specifications Section 9-14, except as modified below.

9-14 EROSION CONTROL AND ROADSIDE PLANTING

9-14.3 Seed

Section 9-14.3 is supplemented with the following:

(*****)

The seed dealer shall mix the seed only. The Contractor shall furnish the Engineer with a dealer's guaranteed statement of the composition, mixture, and the percentage of purity and germination of each variety. The Seed Mix shall be as shown in the Plans.

All seed mixes shall be certified as 99% weed-free and 90% viable seeds by germination tests and by age specifications by species. Mix percentage is by weight. Application rate: as shown in the Plans.

BID ITEM 62: TEMPORARY STREAM DIVERSION

The Special Provisions for this bid item are supplemented with the following:

8-31.3(1)B TSD Plan Implementation Meeting

Delete Section 8-31.3(1)B.

8-31.3(2) Temporary Stream Diversion Plan

8-31.3(2)B Plan Requirements

Delete item 2.a.ii of Section 8-31.3(2)B that begins "Fish Block Net Installation..." and replace with the following:

(*****)

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

Delete item 2.a.ix of Section 8-31.3(2)B that begins "Fish Block Net Removal..." and replace with the following:

(*****)

ix. Fish Block Net Removal (performed by Contractor).

Delete item 5.c of Section 8-31.3(2)B that begins “Provide the type and size of...” and replace with the following:

(*****)

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

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

Delete Section 8-31.3(3) and replace with the following:

(*****)

The Contractor shall install fish block nets upstream and downstream of the in-water work area and safely capture and relocate all fish and other aquatic organisms that become trapped between the block nets. 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. Fish capture and removal shall be performed according to WSDOT Fish Exclusion Protocols and Standards. An exception to these guidelines is that the directing biologist does not have to be under contract with WSDOT but shall be a fisheries biologist with at least two years of experience that includes conducting fish exclusion operations. If the bypass is overwhelmed during a storm event, causing water to flow into the project site and the fish exclusion nets are damaged or bypassed, fish exclusion shall be re-performed prior to restarting construction activities.

8-31.3(3)A Fish Exclusion Assistance

Delete Section 8-31.3(3)A.

8-31.3(3)B Contracting Agency Provided Materials

Delete Section 8-31.3(3)B.

8-31.3(4) Dewatering Work Areas

Delete Section 8-31.3(4) and replace with the following:

(*****)

Dewatering the isolated in-water work area (between the upstream and downstream diversion dams) shall occur at a rate slow enough to allow the Contractor to safely capture and relocate all fish species and other aquatic organisms to avoid stranding.

All pumps used for dewatering shall have an intake covered with a fish screen, operated, and maintained in accordance with RCW 77.57.010 and RCW 77.57.070. Appropriate fish screens are as follows:

1. Perforated plate: 0.094 inch (maximum opening diameter);
2. Profile bar: 0.069 inch (maximum width opening); or

3. Woven wire: 0.094 inch (maximum opening measured on the diagonal).

The minimum open area for all types of fish screens is 27 percent. The screened intake facility must have enough surface area to ensure that the velocity through the screen complies with the velocity provided within the Hydraulic Project Approval (HPA). If no velocity is provided within the HPA, the maximum approach velocity shall not exceed 0.33 feet per second. The fish screen must remain in place whenever water is withdrawn until the Contractor's Biologists confirm all fish have been removed. At that point, the Contractor may remove the fish screen to finish dewatering the work area.

8-31.3(5) Inspection and Maintenance

Delete Section 8-31.3(5) and replace 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. Check inlet for proper function;
3. Ensure the upstream and downstream fish block nets remain sealed to the channel substrate;
4. Inspect the upstream and downstream fish block nets and remove debris;
5. Inspect the upstream fish block net and all screens and similar facilities for impinged fish; and
6. If impinged fish are discovered, the Contractor shall carefully remove the impinged fish and place it in the creek downstream of the isolated work area in a minimum of 6 inches of water.

The Contractor shall maintain a written record of all inspection and maintenance activities; record to be available at the request of the Engineer.

8-31.3(6) Channel Rewatering and Removal of TSD Components (Except Nets)

Delete Section 8-31.3(6) and replace with the following:

(*****)

The Contractor shall introduce water to the new stream channel section and trap sediments until the stream section meets the requirements of these Provisions. Rewatering shall occur at a rate to avoid loss of surface water downstream while the new channel section is rewatered.

Once the water in the new stream channel meets the applicable turbidity standards the Contractor may begin removal of the temporary stream diversion and the stream channel opened to flows.

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 culvert installation and creek bed channel restoration, before removing the fish block nets.

8-31.3(7) Removal of Fish Block Nets

Delete Section 8-31.3(7) and replace with the following:

The Contractor shall carefully remove the block nets. All materials used for the diversion shall become the property of the Contractor and removed from the project limits.

8-31.3(7)A Contractor Provided Labor

Delete Section 8-31.3(7)A.

8-31.3(7)B Contracting Agency-Provided Materials

Delete Section 8-31.3(7)B.

8-31.5 Payment

Delete Section 8-31.3(5) and replace with the following:

Payment will be made for the following Bid item when it is included in the Proposal:

“Temporary Stream Diversion”, lump sum.

The lump sum Contract price for “Temporary Stream Diversion” shall be full payment to perform the Work as specified. Progress payments for the lump sum item “Temporary Stream Diversion” will be made as follows:

1. Ten percent of the bid amount will be paid following completion of the TSD Plan including resolution of all Contracting Agency review comments.
2. The next eighty percent of the bid amount will be paid following completion of the initial stream diversion installation.
3. The remaining ten percent of the bid amount will be paid following removal of all stream diversion components and restoration of the areas disturbed by the stream diversion system.

The following bid items are added:

BID ITEM 67: APPRENTICESHIP INCENTIVE

BID ITEM 68: APPRENTICESHIP PENALTY

These bid items shall be accomplished in accordance with Standard Specification Section 1-07.9(3) as modified by the Special Provisions.

PLANS

PLAN SHEET ST01

Revise the notes under CONSTRUCTION ELEMENT DEFINITION as follows:

BEFORE IN-WATER WORK WINDOW (PRIOR TO JULY 16)

DURING IN-WATER WORK WINDOW (JULY 16 – SEPTEMBER 15)

AFTER IN-WATER WORK WINDOW (AFTER SEPTEMBER 15)

ALL WORK MUST BE COMPLETED IN 2026

PLAN SHEET S01 THROUGH S 24

Several structural revisions have been made.

PLAN SHEET S32

The Typical Geosynthetic Wall Section references WSDOT Standard Plan D-3.10.01, which is for cast-in-place concrete facia panels. If precast concrete panels are used, then the appropriate standard plan is WSDOT Standard Plan D-3.11.03.

ATTACHMENTS TO THIS ADDENDUM

- The attached Bidder's Checklist replaces the Bidder's Checklist in the Contract Documents.
- The attached Proposal Form replaces the Proposal Form in the Contract Documents.
- Plan sheets S01, S05, S07, S08, S09, S10, S11, S14, S21, S22, S23, and S24 are replace with the attached plan sheets.

Acknowledgment of this addendum is required under ADDENDA on Page 11 of the Contract Documents.

ISSUED THIS 2ND DAY OF MARCH, 2026.



SUSAN EUGENIS, P.E.
County Engineer
Cowlitz County Public Works
1600 13th Avenue South
Kelso, WA 98626

BIDDER'S CHECKLIST

(Informational only – not required to be submitted with the BID)

TOWER ROAD BRIDGE AT ROCK CREEK PROJECT

Name of Project

ITEMS TO BE INCLUDED WITH BID

The following checked items are required to be completed and submitted with the BID, except as noted otherwise:

Required if Checked:

- 1. PROPOSAL FORM – To be completed and signed by bidder. Provide all information pertaining to BIDDER'S organization on the first page. Fill in all unit prices and amounts for each bid item. Fill in all subtotals, sales tax and the total bid amount in the spaces provided. List the addenda in the spaces provided to indicate acknowledgement. Sign, date, and provide requested information in the spaces provided on the last page.
- 2. APPRENTICE UTILIZATION PLAN – In accordance with Special Provisions Section 1-07.9, this form shall be submitted within 30 calendar days of execution, however no later than the preconstruction meeting.
- 3. NON-COLLUSION DECLARATION – required on all projects.
- 4. PROPOSAL FOR INCORPORATING RECYCLED MATERIALS INTO THE PROJECT – required on all road construction projects.
- 5. CERTIFICATION FOR FEDERAL AID CONTRACTS – required on FHWA-funded projects.
- 6. DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION – required on FHWA-funded projects with a goal of greater than 0%.
- 7. DISADVANTAGED BUSINESS ENTERPRISE (DBE) WRITTEN CONFIRMATION DOCUMENT – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.
- 8. DISADVANTAGED BUSINESS ENTERPRISE (DBE) BID ITEM BREAKDOWN – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.
- 9. DISADVANTAGED BUSINESS ENTERPRISE (DBE) TRUCKING CREDIT FORM – required on FHWA-funded projects with a goal of greater than 0%. This form is required to be submitted within 48 hours after the time for delivery of the bid proposal.

- 10. LOCAL AGENCY SUBCONTRACTOR LISTS – To be filled in and signed by BIDDER.
- 11. CONTRACTOR’S PROJECT INFORMATION STANDARD QUESTIONNAIRE - The BIDDER shall complete this form.
- 12. BID DEPOSIT FORM - This form is to be executed by the BIDDER and the Surety Company unless bid is accompanied by cash, cashier’s check, or a certified check. The amount of the deposit or bid bond shall be not less than 5% of the total amount of the bid and may be shown in dollars or on a percentage basis. Bid Bond forms other than the enclosed form may be accepted providing it has been approved by the OWNER prior to bid submittal.
- 13. E-VERIFY DECLARATION – The BIDDER shall complete and sign this form.
- 14. CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES – The BIDDER shall complete and sign this form. This form is required to be submitted within 24 hours after the time for delivery of the bid proposal.
- 15. BIDDER QUESTIONNAIRE – To be filled in and signed by BIDDER.

PROPOSAL FORM

TO: Board of County Commissioners
County Administration Building
207 Fourth Avenue North, 3rd Floor
Kelso, WA 98626

FOR: **TOWER ROAD BRIDGE AT ROCK CREEK PROJECT**
Name of Project

FROM:

_____	_____
Bidder's Business Name	Mailing Address
_____	_____
Email Address	City, State and Zip
_____	_____
Name of Bidder's Representative for Bid	Telephone
_____	_____
Washington Registration No.	Tax I.D. No.
_____	_____
Employment Security Department No.	State Excise Tax Registration No.
_____	_____
Industrial Insurance Coverage Account No.	UBI No.

INSTRUCTIONS TO BIDDERS

1. Contract Documents. See Section 1-04.2 of the Special Provisions for a list of the "contract documents" that make up the contract. Be sure that you have a copy of the **2025** Standard Specifications for Road, Bridge, and Municipal Construction, by the Washington State Department of Transportation and the American Public Works Association, Washington State Chapter. Such specifications are sometimes referred to as the "Standard Specifications."

2. Submission of Bid. Fill out this Proposal Form completely, in accordance with Section 1-02.6 of the Standard Specifications. Enclose your Proposal Form and bid deposit in an opaque sealed envelope addressed to:

Cowlitz County Department of Public Works
Attn: County Engineer
1600 - 13th Avenue South
Kelso WA 98626

Mark the outside of the envelope with the name of the bidder, the name of the project, and the date and time of the bid opening. It is your responsibility to make sure that your bid is physically received by the Clerk of the Board by the time set for the bid opening. Bids not so received will not be considered. Bids may not be submitted by facsimile machine.

The County's determination of when a bid was received shall be final and non-appealable.

3. Bidder Responsibility Standards. It is the intent of the Owner to award a contract to the lowest, responsible and responsive bidder for all described Work. Before award, the bidder must meet all criteria and satisfy all requirements of the following bidder-responsibility standards to be considered a responsible and a responsive bidder. The bidder may be required by the Owner to submit documentation demonstrating compliance with these standards to be qualified to be awarded a contract. The bidder must:

- a. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect at the time of bid submittal;
- b. Have a current Washington Unified Business Identifier (UBI) number;
- c. If applicable:
 - i. Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - ii. Have a Washington Employment Security Department number, as required in Title 50 RCW;
 - iii. Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
- d. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3).

4. Execution of Contract. The successful bidder must use the performance bond form and other forms provided by Cowlitz County to be considered both a responsible and responsive bidder.

5. Sales Tax Code. In computing and reporting sales taxes payable to the Washington State Department of Revenue on this project, the following code number shall be used: **0800.**

PROPOSAL

The undersigned bidder proposes to perform the project named above in strict compliance with the contract documents, for the following amounts:

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
1	Force Account	Miscellaneous Construction	72,500.00	72,500.00
2	Lump Sum	Structure Surveying		
3	Lump Sum	Roadway Surveying		
4	Lump Sum	Restoration Surveying		
5	Lump Sum	Mobilization		
6	Lump Sum	Project Temporary Traffic Control		
7	Lump Sum	Clearing and Grubbing		
8	Lump Sum	Removal of Structures and Obstructions		
9	Lump Sum	Removing Existing Bridge – Temporary Tower Road		
10	934 C.Y.	Roadway Excavation, Embankment and Disposal Including Haul		
11	100 C.Y.	Unsuitable Foundation Excavation Inc. Haul		
12	80 C.Y.	Channel Excavation Incl. Haul		
13	208 C.Y.	Structure Excavation Class A Incl. Haul		
14	Lump Sum	Shoring or Extra Excavation Cl. A		
15	Lump Sum	Trimming and Cleanup		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
16	1,873 S.Y.	Construction Geotextile for Separation		
17	153 S.Y.	Construction Geotextile for Stabilization		
18	1,624 Ton	Structural Fill Including Haul		
19	1,115 Ton	Crushed Surfacing Base Course		
20	33 Ton	Crushed Surfacing Top Course		
21	89 S.Y.	Planing Bituminous Pavement		
22	344 Ton	HMA Cl. 3/8 IN. PG 58H-22		
23	Calculation	Asphalt Cost Price Adjustment	0.00	0.00
24	10 C.Y.	Conc. Class 5000 for Bridge - Abutment		
25	1,229 Lbs	St. Reinf. Bar for Bridge Abutment		
26	12 C.Y.	Conc. Class 5000 for Bridge - Curtain Walls		
27	1,195 Lbs	St. Reinf. Bar for Curtain Walls		
28	Lump Sum	Superstructure Tower Road Bridge		
29	110 L.F.	Bridge Railing Type Chain Link Fence		
30	3 Each	Ecology Block		
31	76 L.F.	Single Slope Concrete Barrier		
32	731 S.F.	Structural Earth Wall		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
33	314 C.Y.	Gravel Borrow for Structural Earth Wall Incl. Haul		
34	731 S.F.	Concrete Fascia Panel for Geosynthetic Wall		
35	126 L.F.	Underdrain Pipe 6 in. Diam.		
36	424 L.F.	Corrugated Polyethylene Storm Sewer Pipe, 12 in. Diam.		
37	1 Each	Frame and Vaned Grates for Grate Inlet Type 2		
38	1 Each	Grate Inlet Type 2		
39	4 Each	Catch Basin Type 1		
40	2 Each	Catch Basin Type 2 48 in. Diam.		
41	3 Each	Catch Basin Type 1L With Type 1L Ditch Inlet Top		
42	5 Each	Rectangular Vaned Grate		
43	1 Each	Locking Solid Metal Cover and Frame For Catch Basin		
44	Lump Sum	Shoring or Extra Excavation Class B		
45	Lump Sum	Stormwater Pollution Prevention		
46	0.1 Acre	Seeding and Mulching		
47	166 L.F.	Extruded Curb		
48	10 Each	Flexible Guide Post		
49	295 L.F.	Beam Guardrail Type 31		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
50	2 Each	Beam Guardrail Transition Section Type 24		
51	3 Each	Beam Guardrail Anchor Type 11		
52	150 L.F.	Beam Guardrail Type 31 Buried Terminal Type 2		
53	130 C.Y.	Quarry Spalls		
54	Lump Sum	Permanent Signing		
55	180 L.F.	Removing Paint Line		
56	2,112 L.F.	Paint Line		
57	100 Ton	Streambed Cobbles 8 In.		
58	80 Ton	Streambed Sediment		
59	50 Ton	Streambed Boulders Type 1		
60	50 Ton	Streambed Boulders Type 2		
61	240 Ton	Rock for Erosion and Scour Protection Class B		
62	Lump Sum	Temporary Stream Diversion		
63	5 Each	Large Wood Structure		
64	18 Each	Loose Tree		
65	Lump Sum	Temporary Access Road		
66	484 S.Y.	Topsoil Type A		

Item No.	Approximate Quantity	ITEM	UNIT PRICE \$	AMOUNT \$
67	Calculation	Apprenticeship Incentive	0.00	0.00
68	Calculation	Apprenticeship Penalty	0.00	0.00

TOTAL COST TO COWLITZ COUNTY.....\$ _____

Addenda. The bidder acknowledges receipt of the following addenda: _____, _____, _____, _____, and _____. (Insert numbers of any addenda received.)

Non-Collusion. Each bidder must submit a declaration of non-collusion completely executed with their bid. Reasonable grounds for believing that any bidder(s) have engaged, either directly or indirectly, into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with this bid will cause rejection of all proposals which said bidder(s) has shown interest, and none of the participants to such direct or indirect actions will be considered.

The person(s) signing this bid on behalf of the bidder declare(s) under penalty of perjury under the laws of the United States and the State of Washington that this bidder has 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 this bid.

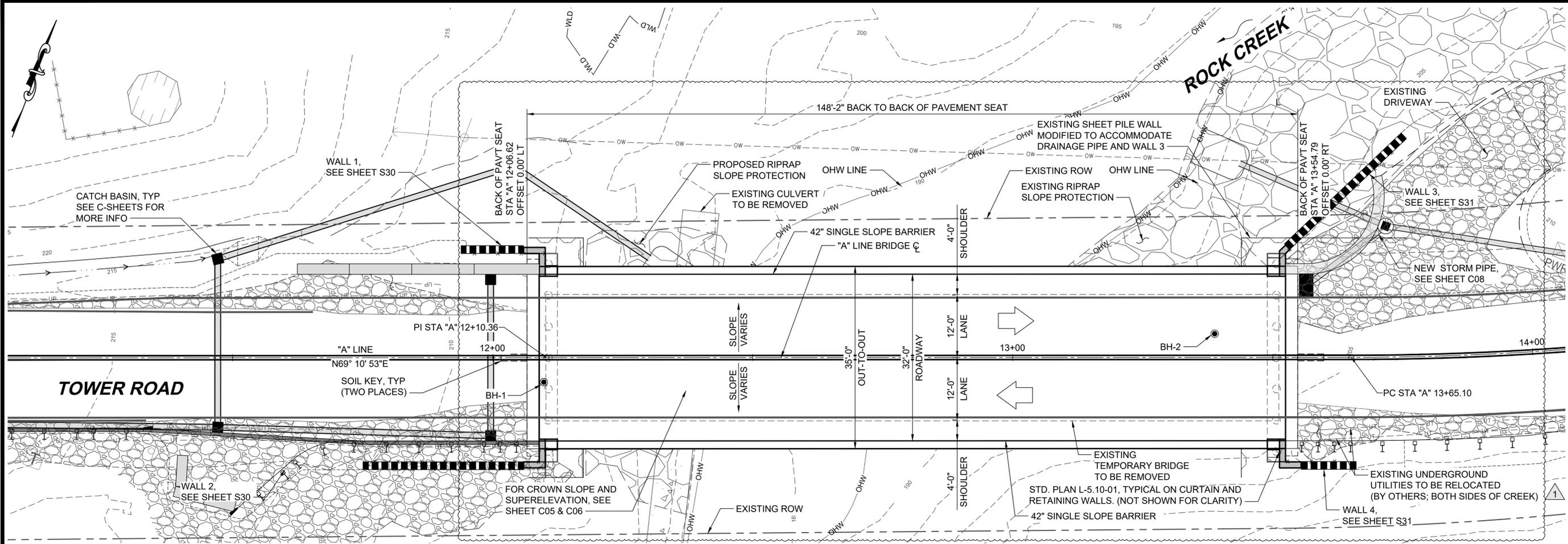
Date

Signature of Person Authorized to Bind Bidder

Bidder's Business Name

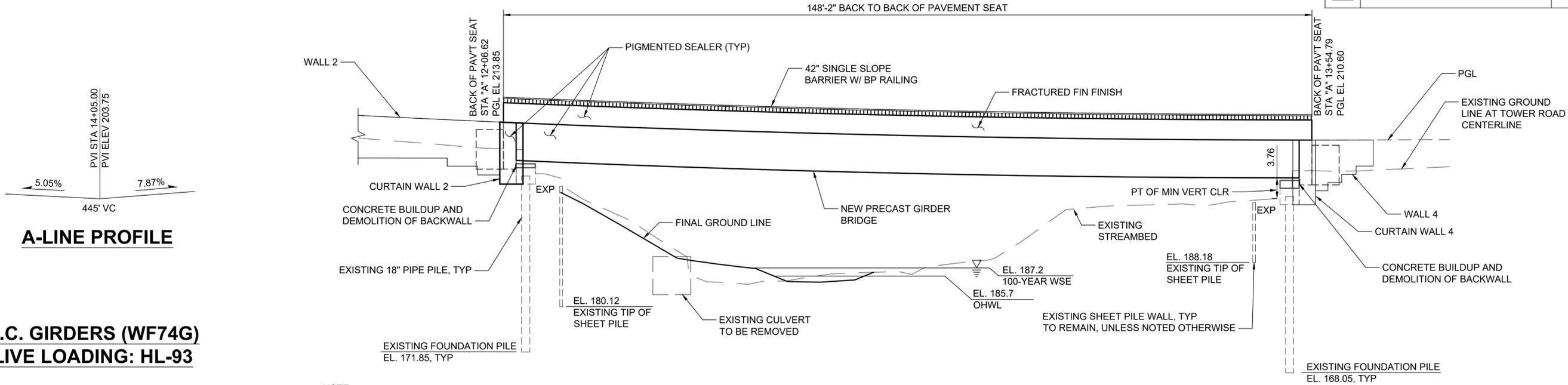
Title of Person Signing Bid

Signed in _____, Washington



PLAN VIEW
SCALE: 1" = 10'

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026



ELEVATION
HORIZ & VERT SCALE: 1" = 10'

A-LINE PROFILE

P.C. GIRDERS (WF74G)
LIVE LOADING: HL-93

NOTE:
EXP = EXPANSION BEARING
FIX = FIXED BEARING

TDB PROJECT MANAGER	2/4/26
JGH DRAWN BY	2/4/26
SCB CHECKED BY	2/4/26

HORIZ. SCALE: 1" = 10'
 VERT. SCALE: 1" = 10'
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S01.dwg



DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626



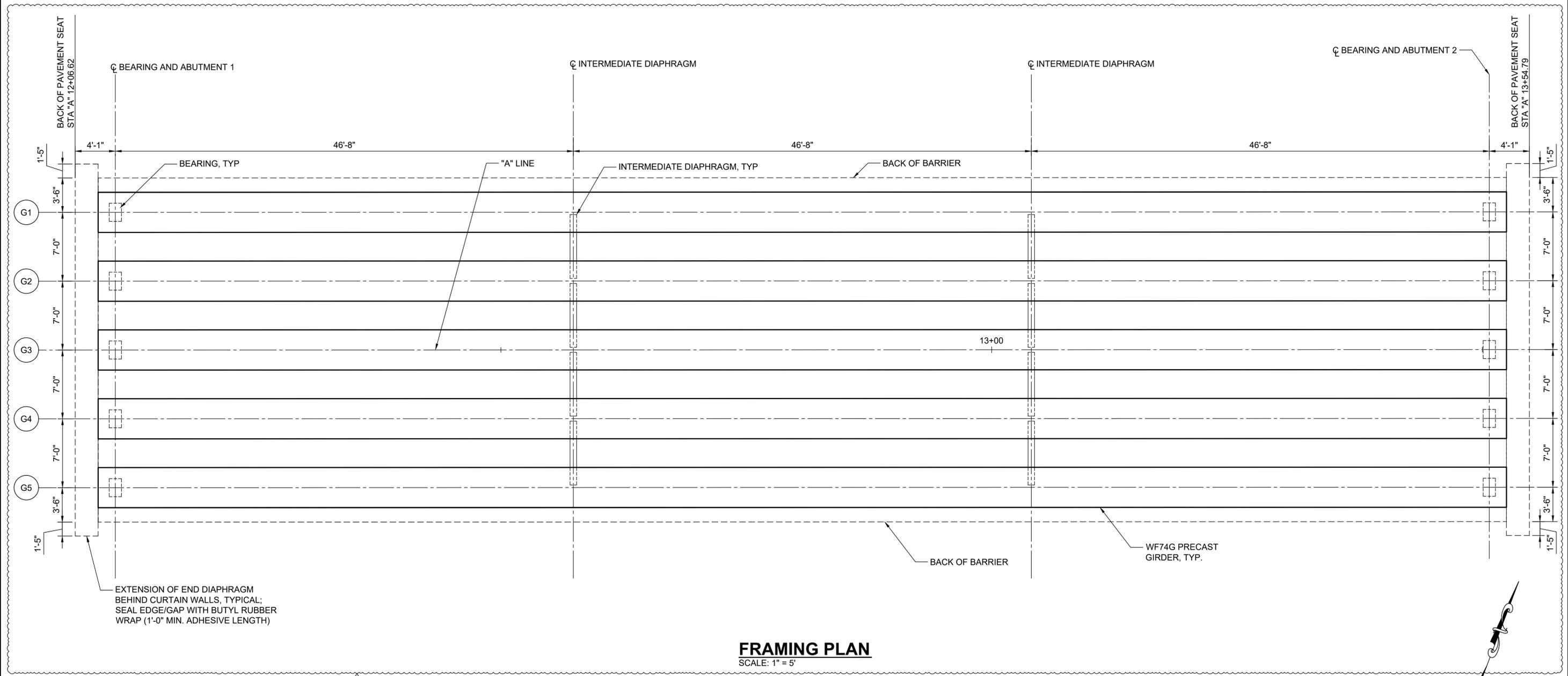
WSP USA Inc.
 1300 SW 5TH AVE, Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



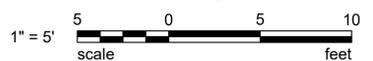
SEC 16 T 10 N R 1 W
 CRP NO 788

TOWER ROAD BRIDGE AT ROCK CREEK
BRIDGE PLAN & ELEVATION

BID SET
 SHEET **S01**
 33 OF 70



FRAMING PLAN
 SCALE: 1" = 5'



MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB	2/4/26
PROJECT MANAGER	DATE
JGH	2/4/26
DRAWN BY	DATE
SCB	2/4/26
CHECKED BY	DATE

HORIZ. SCALE: 1" = 5'
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO. : 51200
 COMPUTER FILE: 07_S05.dwg



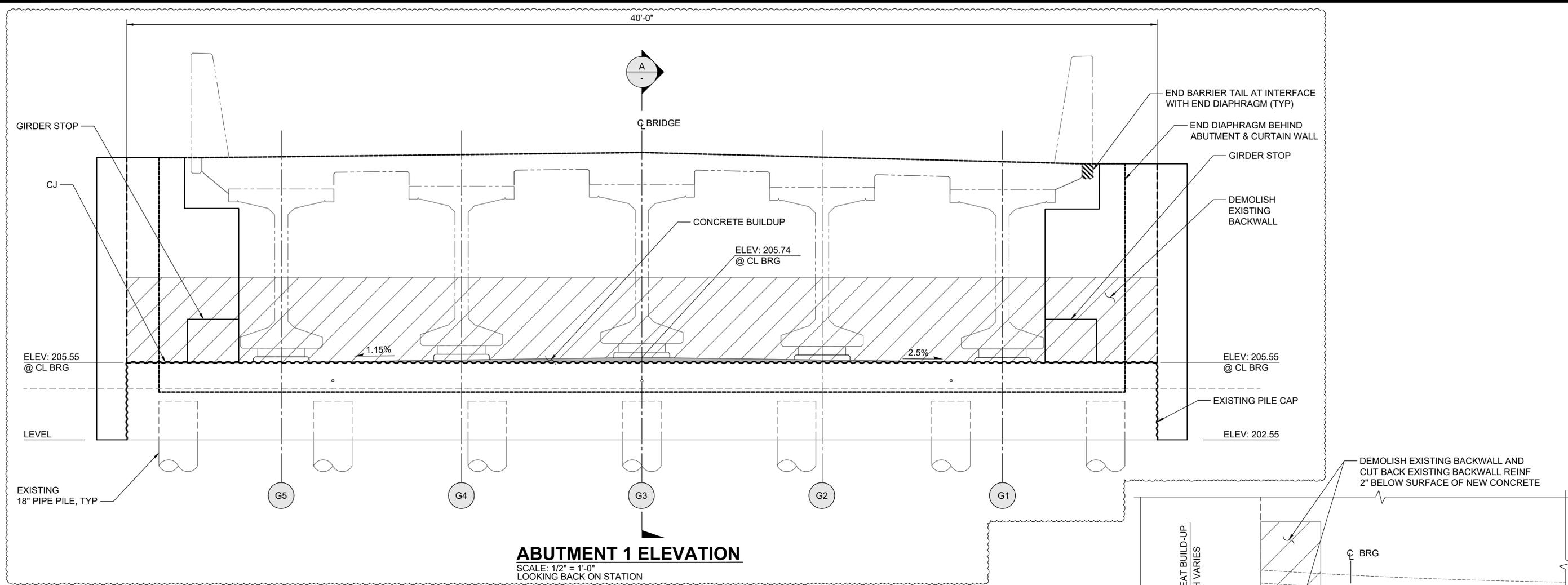
DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626



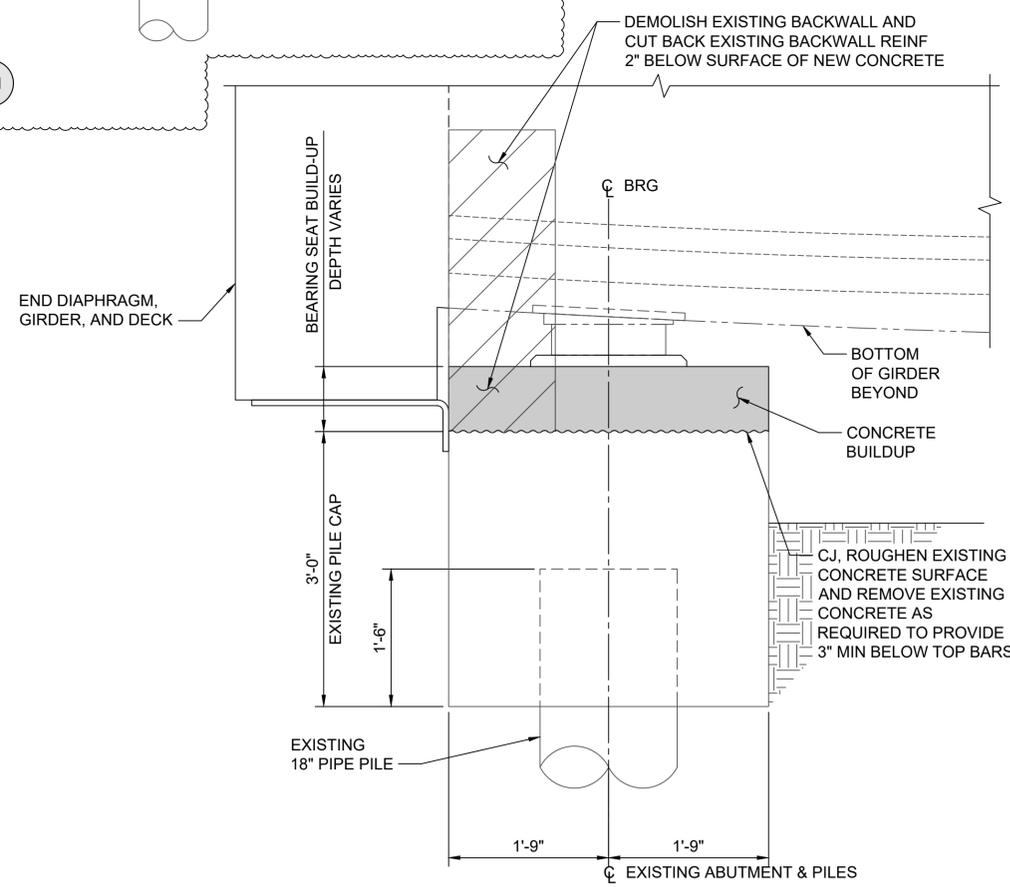
SEC 16 T 10 N R 1 W
 CRP NO 788

**TOWER ROAD BRIDGE
 AT ROCK CREEK**
BRIDGE FRAMING PLAN

BID SET
 SHEET
S05
37 OF 70



ABUTMENT 1 ELEVATION
 SCALE: 1/2" = 1'-0"
 LOOKING BACK ON STATION



SECTION - ABUTMENT 1
 SCALE: 1" = 1'-0"

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26 DATE
JGH DRAWN BY	2/4/26 DATE
SCB CHECKED BY	2/4/26 DATE

HORIZ. SCALE: AS SHOWN
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S07.dwg

COWLITZ COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS

1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

wsp

WSP USA Inc.
 1300 SW 5TH AVE,
 Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



**SEC 16 T 10 N R 1 W
 CRP NO 788**

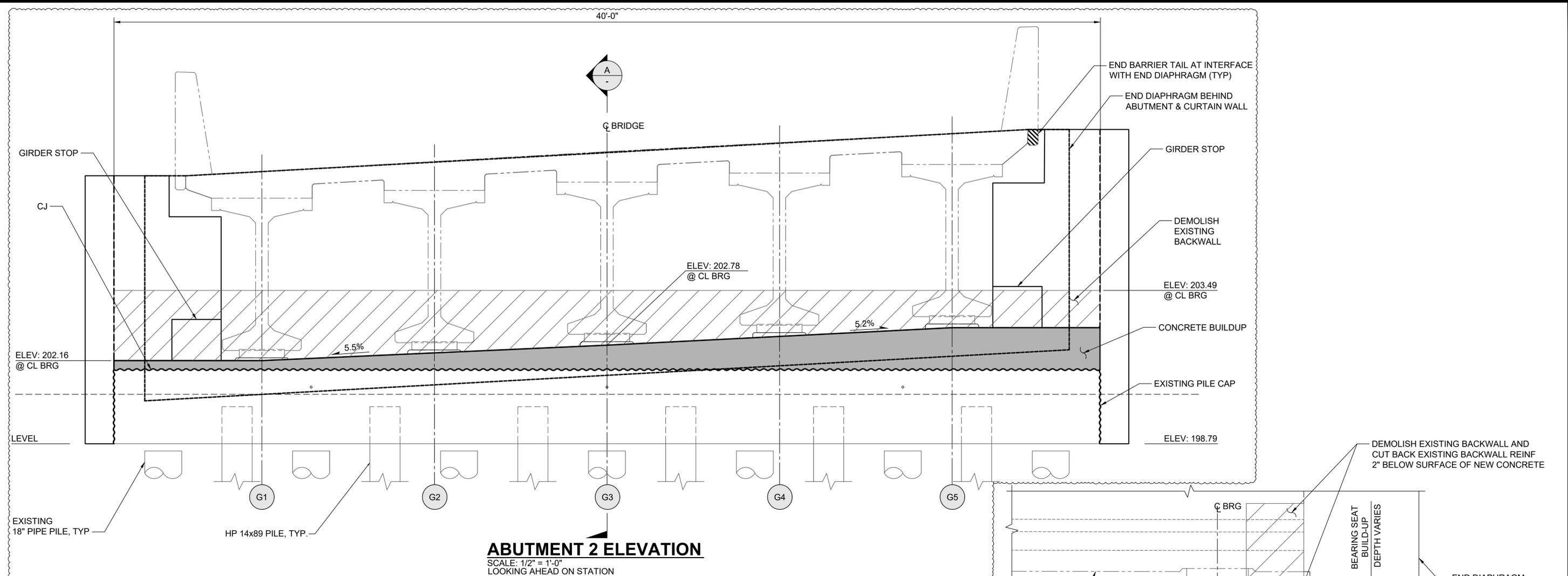
**TOWER ROAD BRIDGE
 AT ROCK CREEK**

ABUTMENT 1 ELEVATION AND SECTION

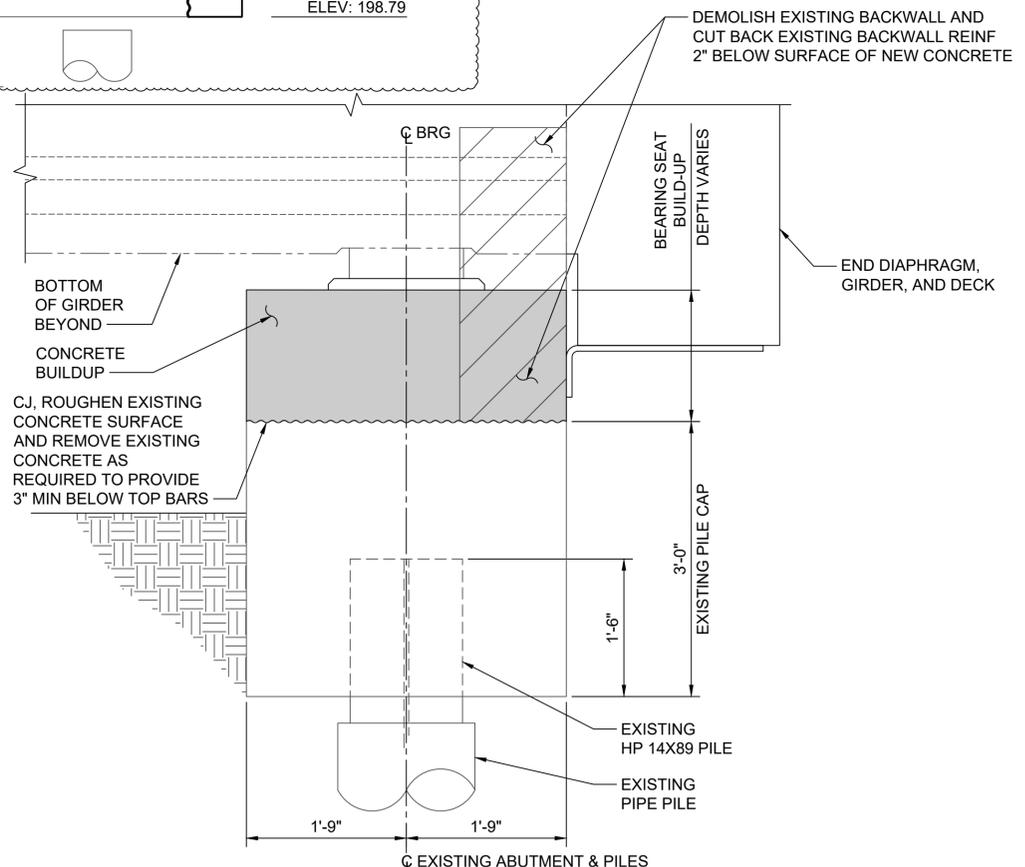
BID SET

SHEET **S07**

39 OF 70



ABUTMENT 2 ELEVATION
 SCALE: 1/2" = 1'-0"
 LOOKING AHEAD ON STATION



SECTION - ABUTMENT 2
 SCALE: 1" = 1'-0"

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26 DATE
JGH DRAWN BY	2/4/26 DATE
SCB CHECKED BY	2/4/26 DATE

HORIZ. SCALE: AS SHOWN	VERT. SCALE: NONE
PROJECT ID: 1801	ROAD NO.: 51200
COMPUTER FILE: 07_S08.dwg	



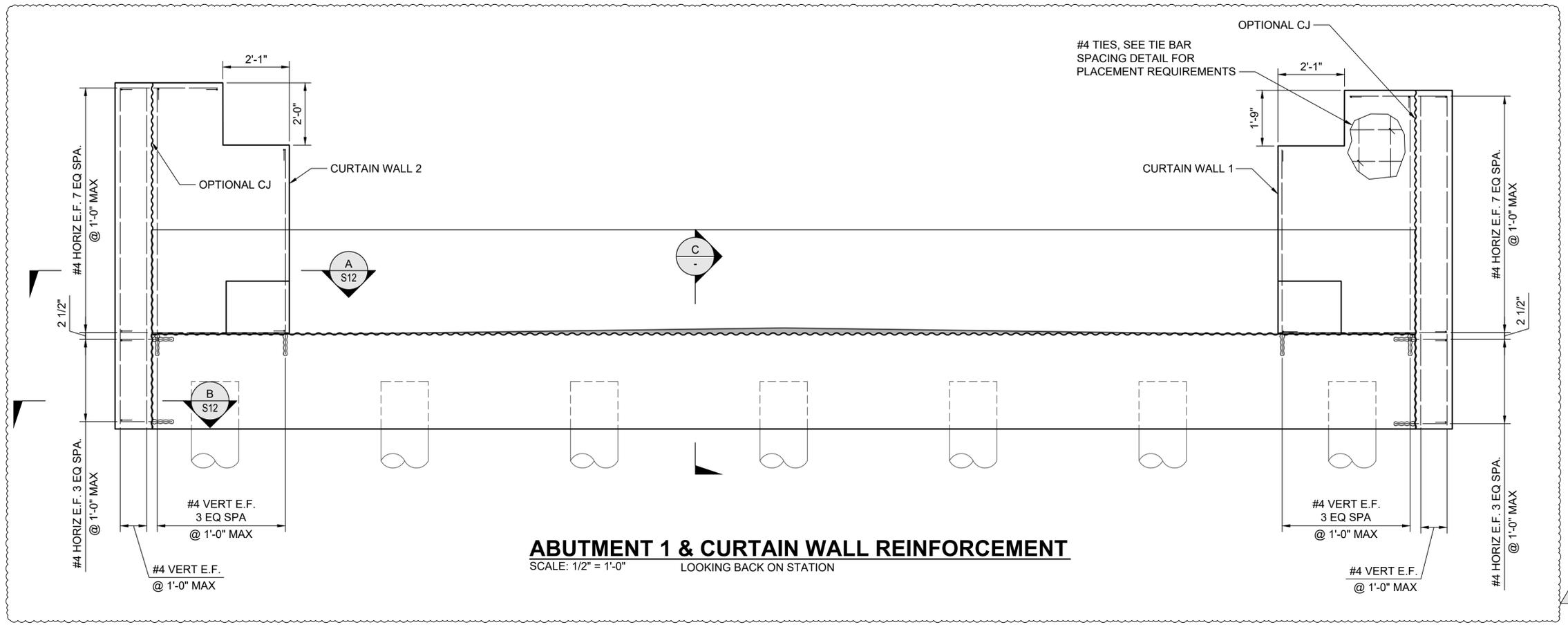
DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626



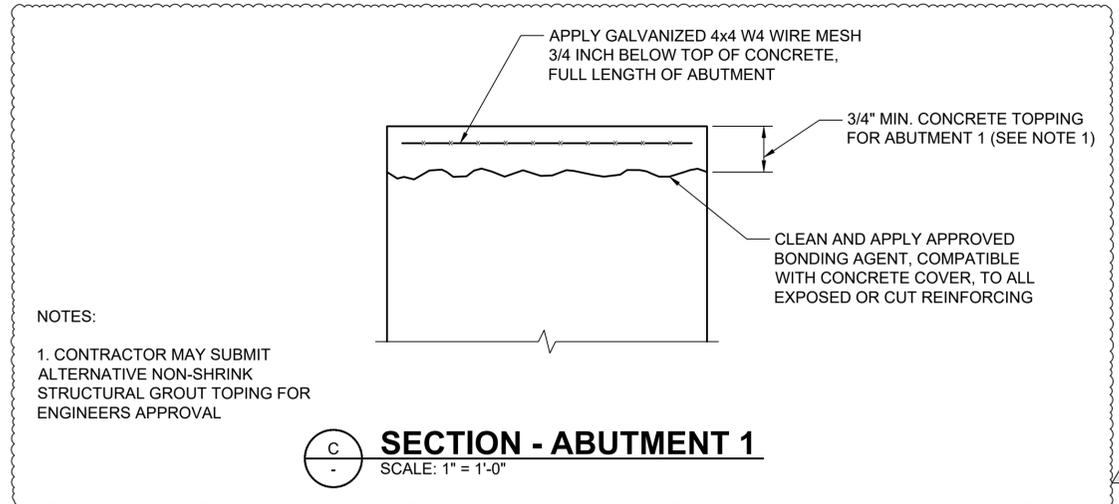
SEC 16 T 10 N R 1 W
 CRP NO 788

TOWER ROAD BRIDGE AT ROCK CREEK
ABUTMENT 2 ELEVATION AND SECTION

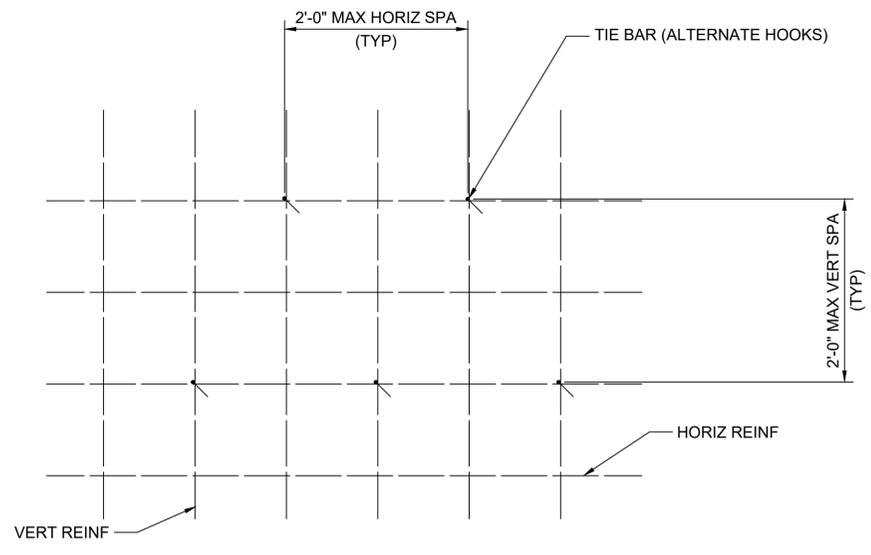
BID SET
 SHEET **S08**
 40 OF 70



ABUTMENT 1 & CURTAIN WALL REINFORCEMENT
 SCALE: 1/2" = 1'-0" LOOKING BACK ON STATION

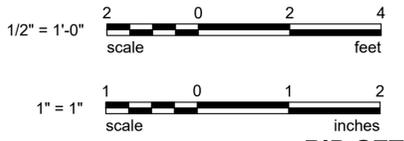


SECTION - ABUTMENT 1
 SCALE: 1" = 1'-0"



DETAIL - TIE BAR SPACING
 SCALE: 1" = 1'-0"

- NOTES:
- CONTRACTOR MAY SUBMIT ALTERNATIVE NON-SHRINK STRUCTURAL GROUT TOPPING FOR ENGINEERS APPROVAL



MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26	DATE
JGH DRAWN BY	2/4/26	DATE
SCB CHECKED BY	2/4/26	DATE

HORIZ. SCALE: AS SHOWN
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S09.dwg

COWLITZ COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS

1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

wsp

WSP USA Inc.
 1300 SW 5TH AVE, Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



SEC 16 T 10 N R 1 W
CRP NO 788

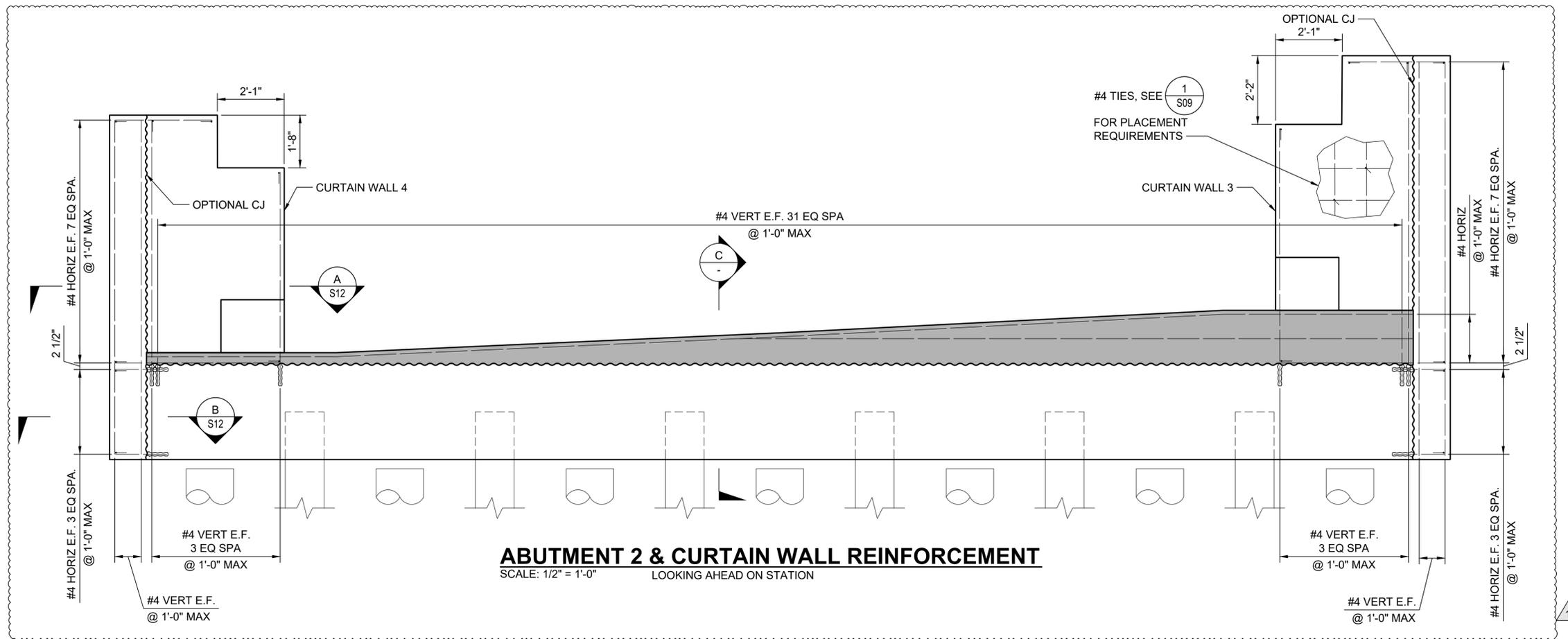
TOWER ROAD BRIDGE AT ROCK CREEK

ABUTMENT 1 & CURTAIN WALL REINFORCEMENT

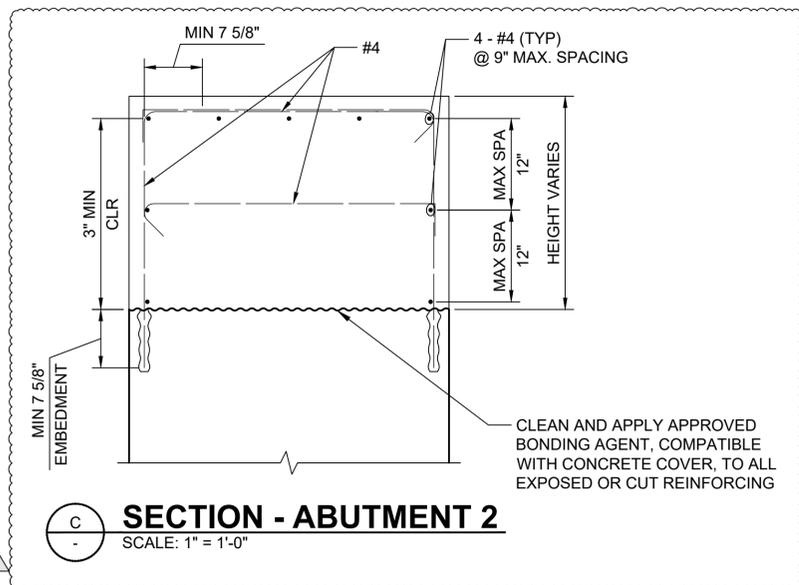
BID SET

SHEET **S09**

41 OF 70

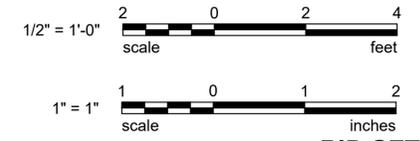


ABUTMENT 2 & CURTAIN WALL REINFORCEMENT
 SCALE: 1/2" = 1'-0" LOOKING AHEAD ON STATION



SECTION - ABUTMENT 2
 SCALE: 1" = 1'-0"

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026



TDB PROJECT MANAGER	2/4/26
JGH DRAWN BY	2/4/26
SCB CHECKED BY	2/4/26

HORIZ. SCALE: AS SHOWN
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S10.dwg



DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626



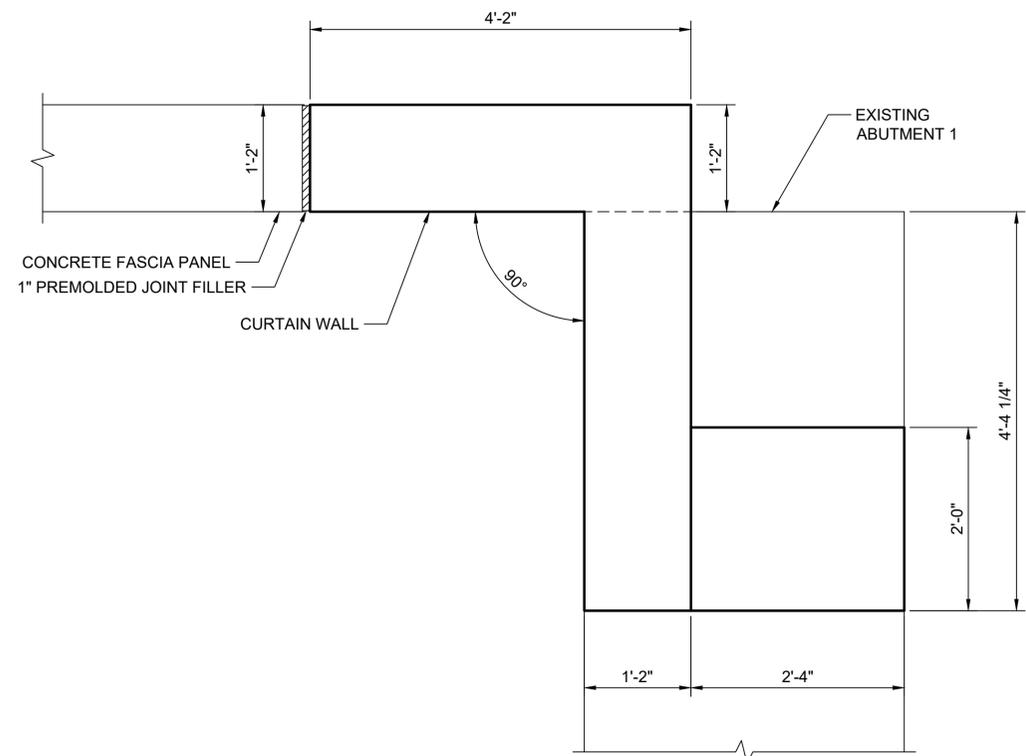
WSP USA Inc.
 1300 SW 5TH AVE, Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



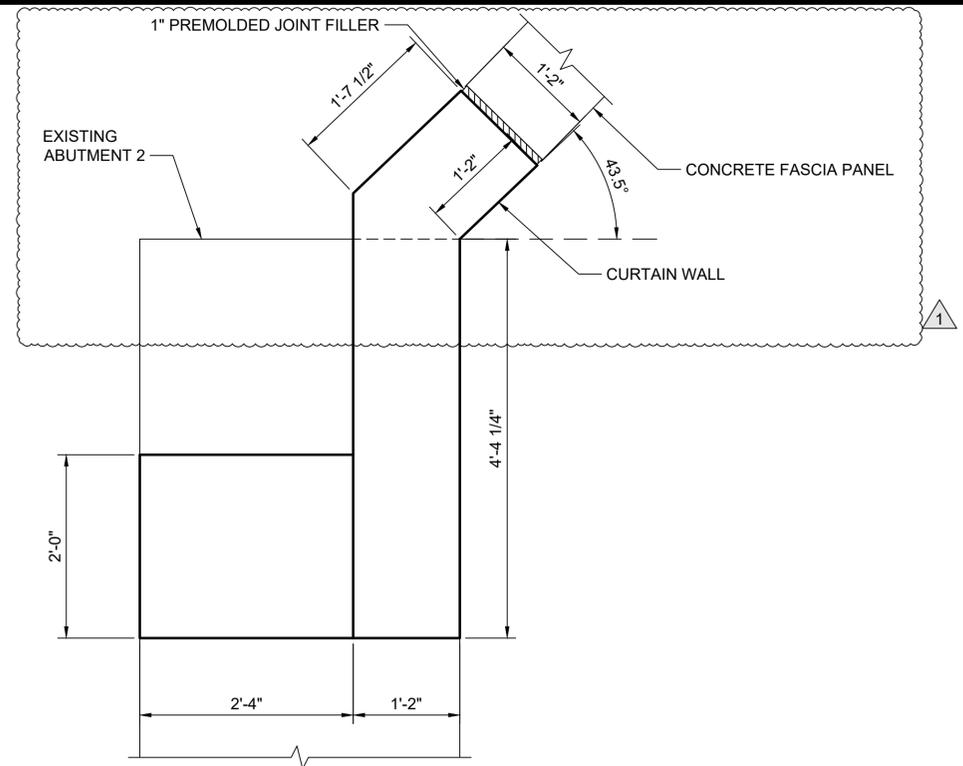
SEC 16 T 10 N R 1 W
 CRP NO 788

TOWER ROAD BRIDGE AT ROCK CREEK
ABUTMENT 2 & CURTAIN WALL REINFORCEMENT

BID SET
 SHEET **S10**
 42 OF 70

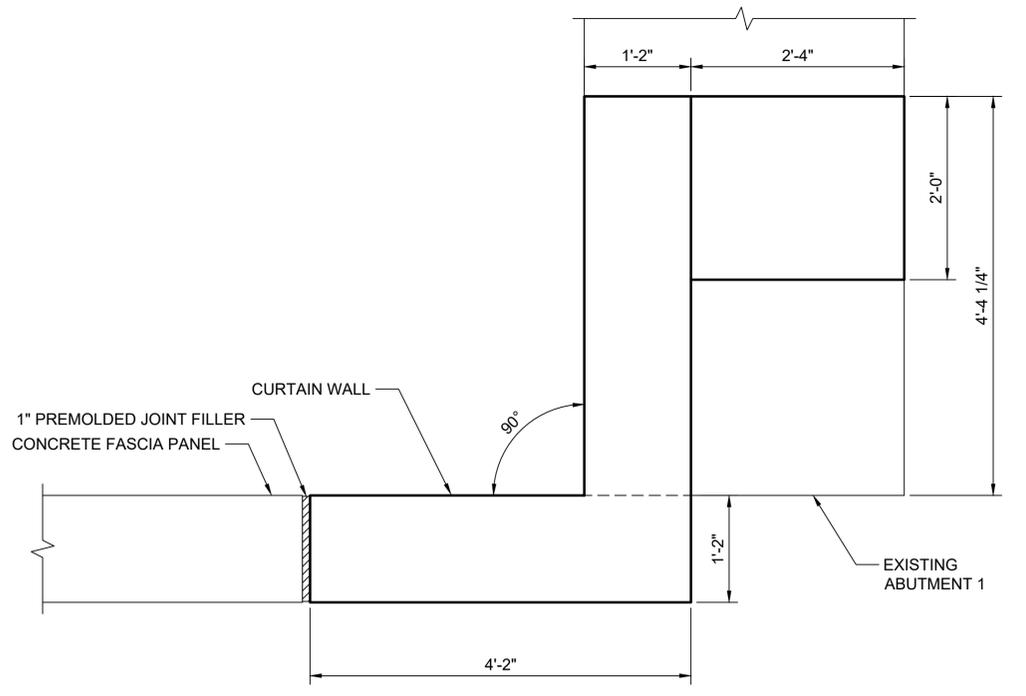


PLAN - CURTAIN WALL 1
SCALE: 1" = 1'
SUPERSTRUCTURE NOT SHOWN

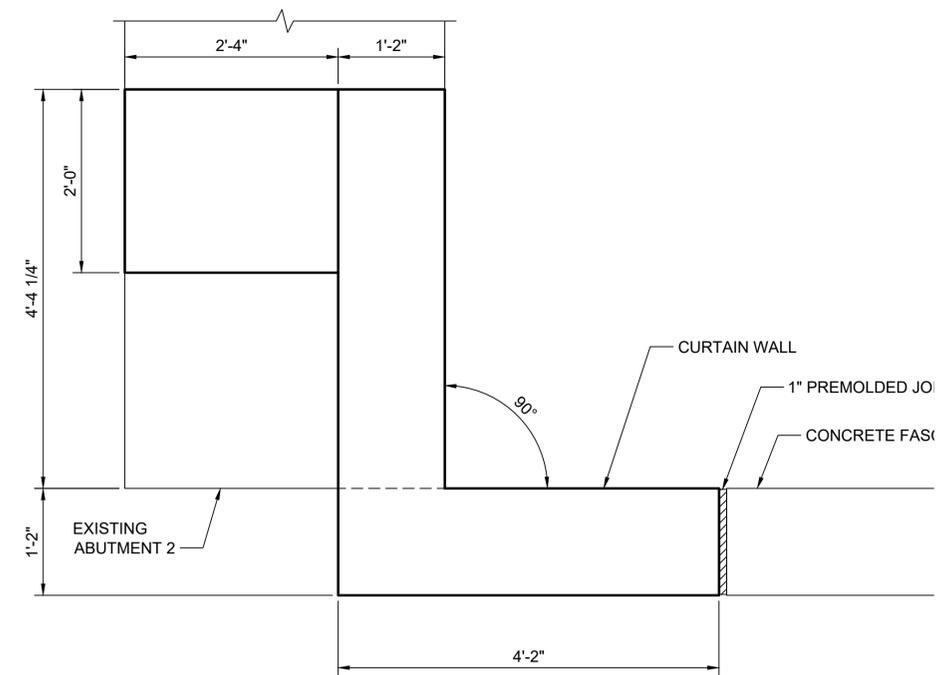


PLAN - CURTAIN WALL 3
SCALE: 1" = 1'
SUPERSTRUCTURE NOT SHOWN

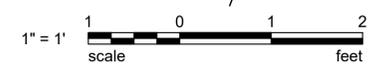
AHEAD ON STATION



PLAN - CURTAIN WALL 2
SCALE: 1" = 1'
SUPERSTRUCTURE NOT SHOWN



PLAN - CURTAIN WALL 4
SCALE: 1" = 1'
SUPERSTRUCTURE NOT SHOWN



MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26
JGH DRAWN BY	2/4/26
SCB CHECKED BY	2/4/26

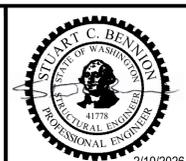
HORIZ. SCALE: 1" = 1'
VERT. SCALE: NONE
PROJECT ID: 1801
ROAD NO.: 51200
COMPUTER FILE: 07_S11.dwg



DEPARTMENT OF PUBLIC WORKS
1600 13TH AVENUE SOUTH
KELSO, WASHINGTON 98626



WSP USA Inc.
1300 SW 5TH AVE,
Suite 3100
Portland, OR 97201
TEL: 503-872-4100
FAX: 503-872-4101

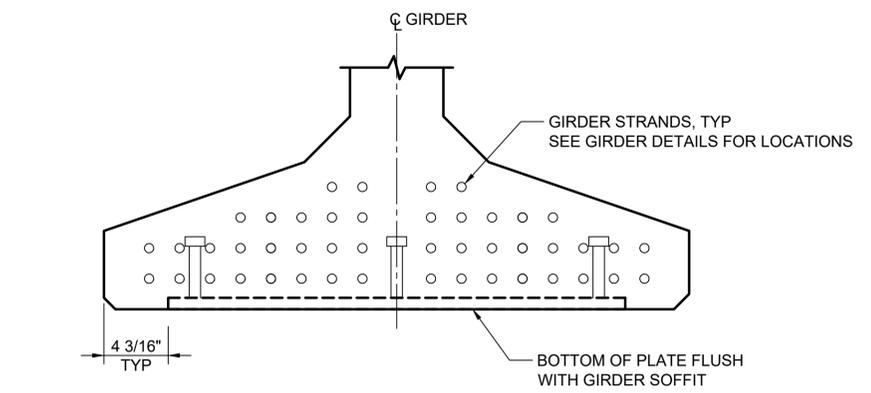
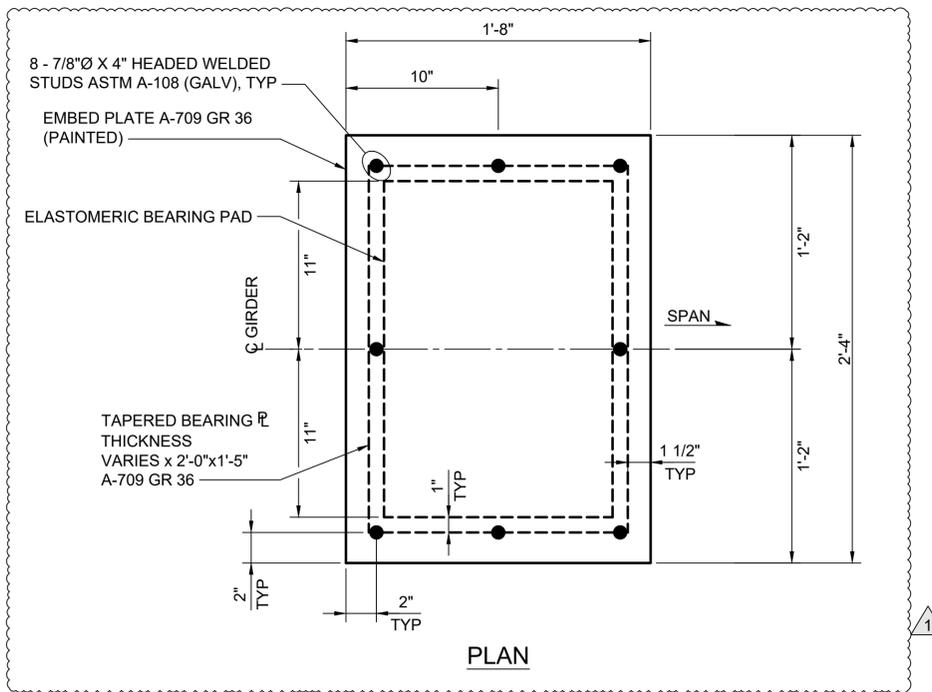


SEC 16 T 10 N R 1 W
CRP NO 788

TOWER ROAD BRIDGE
AT ROCK CREEK

PLAN - CURTAIN WALLS

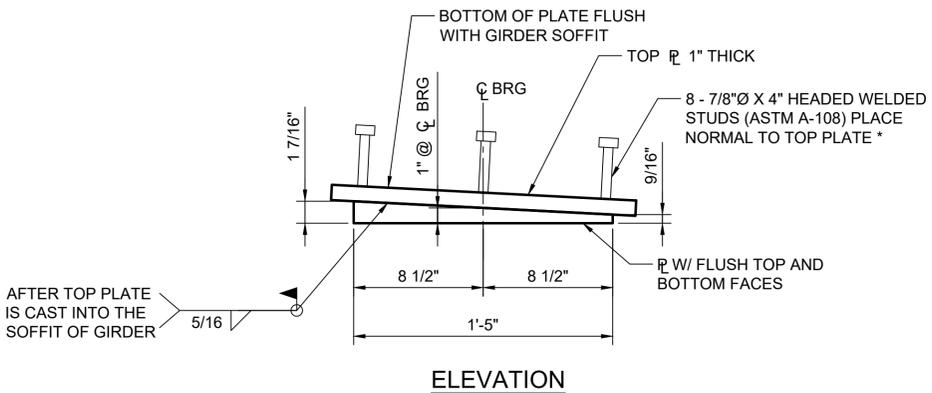
BID SET
SHEET S11
43 OF 70



2
SCALE: NONE
SEE EMBED PLATE DETAILS FOR DIMENSIONS AND HEADED STUD LOCATIONS

NOTES:

1. BEVEL PLATE ASSEMBLY SHALL BE PAINTED USING A FOUR PART PAINT SYSTEM IN ACCORDANCE TO STD. SPECIFICATIONS SECTION 6-07.3 (9) AND SECTION 9-08.1
2. FIELD WELD AND PAINTING OF BEVEL PLATE ASSEMBLIES SHALL OCCUR AFTER GIRDER FABRICATION, BUT PRIOR TO SHIPPING OF GIRDERS TO SITE. CONTRACTOR TO WRAP AND PROTECT BEVEL PLATE ASSEMBLIES UP UNTIL PLACEMENT ON ELASTOMERIC BEARINGS.



1
DETAIL - EMBED PLATE & TAPERED BEARING PLATE ASSEMBLY (PAINTED)
NTS
PAINT AFTER INSTALLATION ONTO GIRDER
* DIMENSIONS MAY VARY TO AVOID INTERFERENCE WITH STRANDS

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26 DATE
JGH DRAWN BY	2/4/26 DATE
SCB CHECKED BY	2/4/26 DATE

HORIZ. SCALE: NONE
VERT. SCALE: NONE
PROJECT ID: 1801
ROAD NO. : 51200
COMPUTER FILE: 07_S14.dwg

COWLITZ COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS

1600 13TH AVENUE SOUTH
KELSO, WASHINGTON 98626

wsp

WSP USA Inc.
1300 SW 5TH AVE,
Suite 3100
Portland, OR 97201
TEL: 503-872-4100
FAX: 503-872-4101



**SEC 16 T 10 N R 1 W
CRP NO 788**

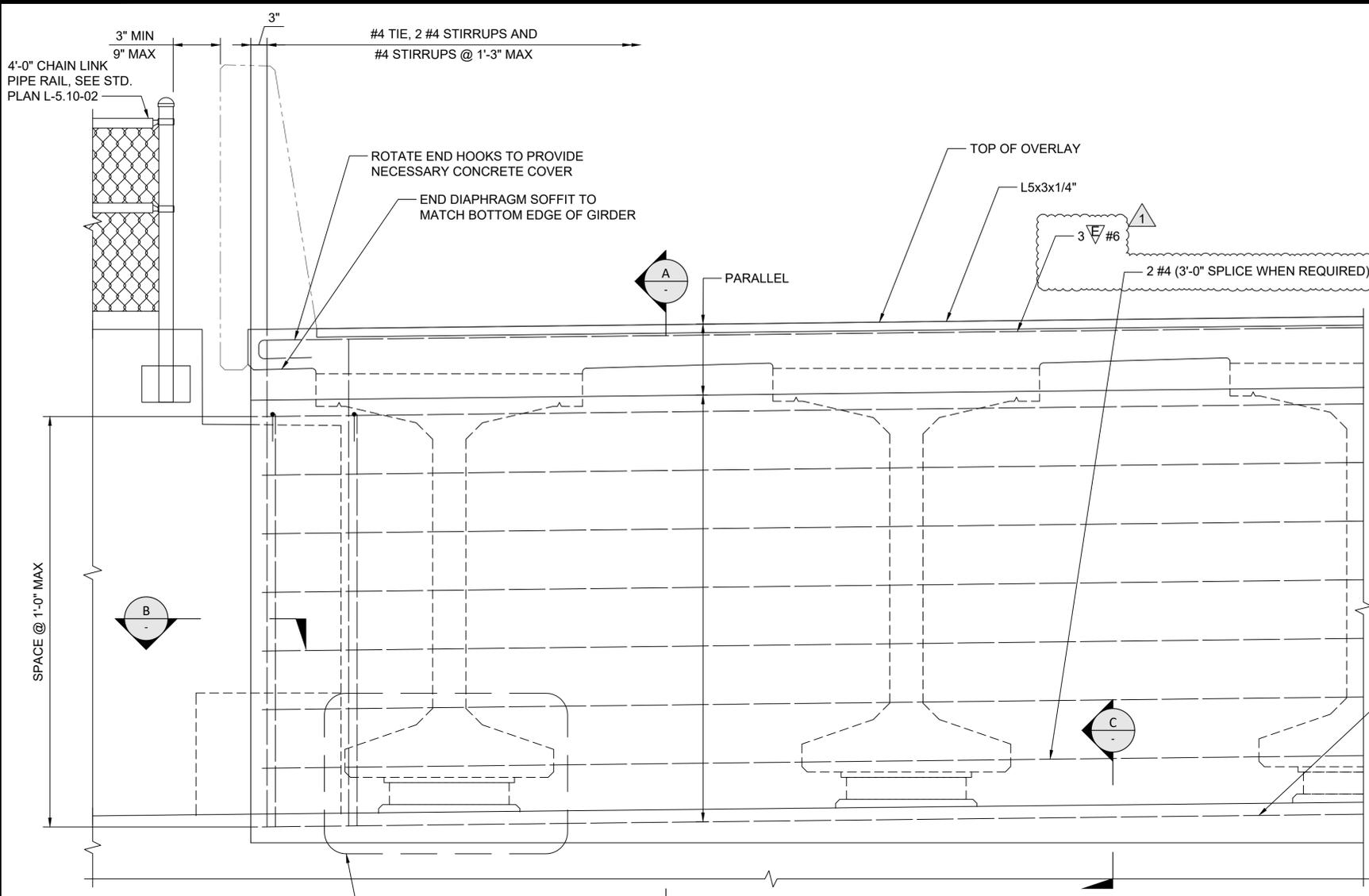
**TOWER ROAD BRIDGE
AT ROCK CREEK**

BEARING DETAILS - SHEET 2

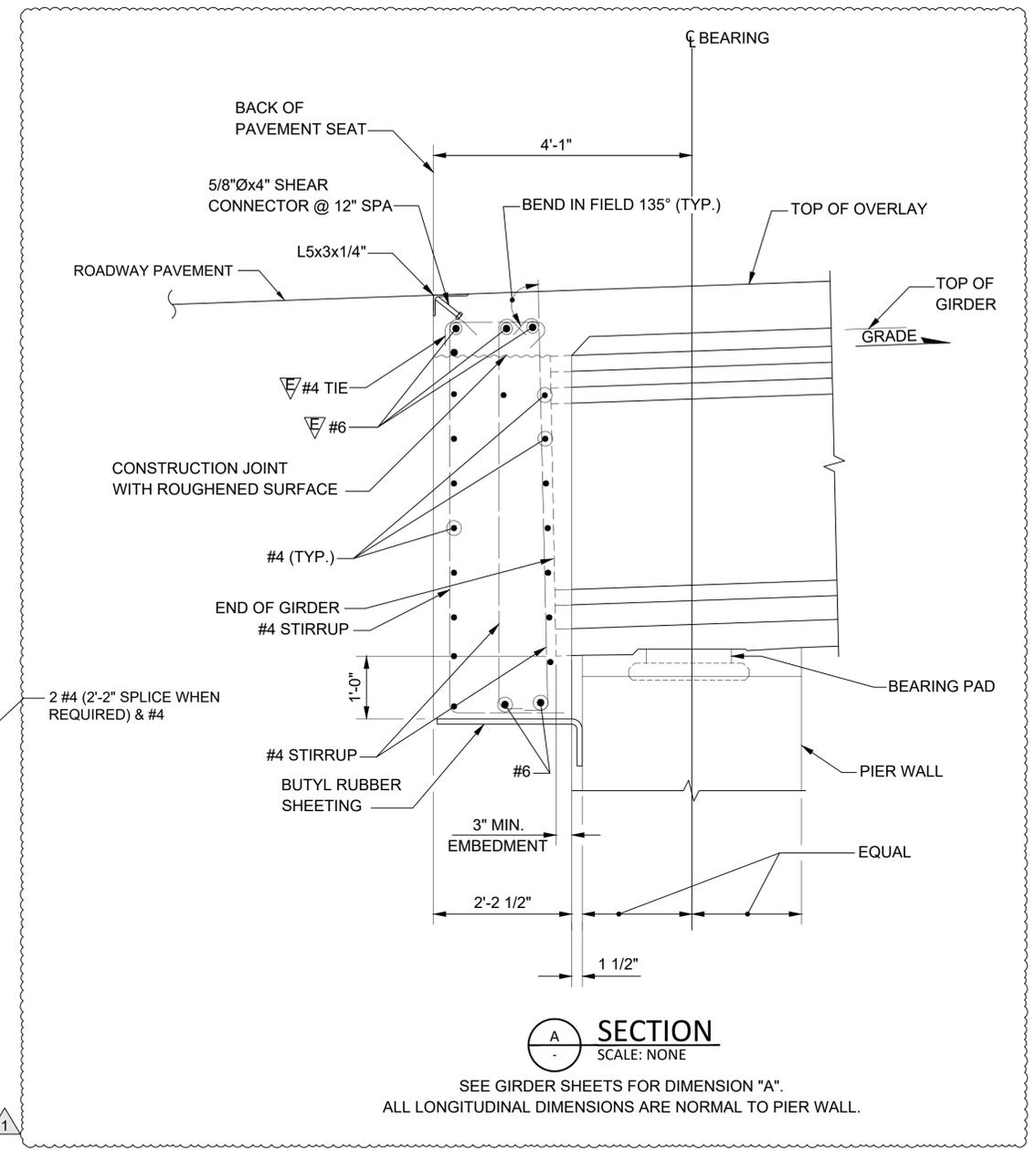
BID SET

SHEET **S14**

46 OF 70

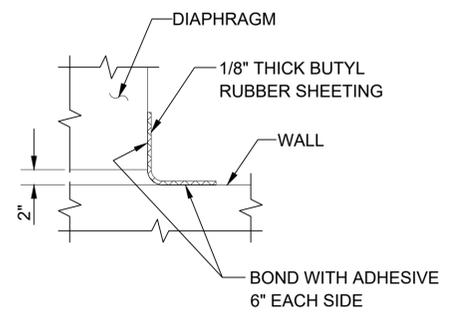


ELEVATION - END DIAPHRAGM
 SCALE: NONE
 DIMENSIONS ARE ALONG C DIAPHRAGM

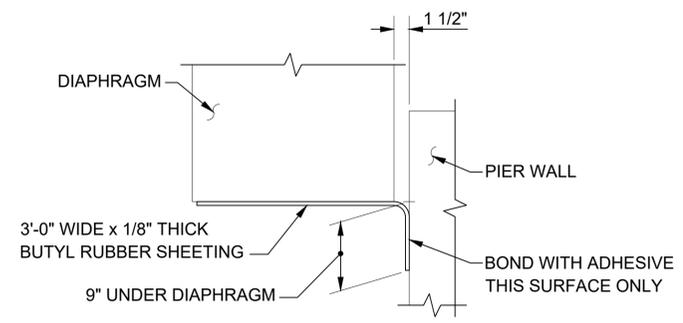


SECTION A
 SCALE: NONE

SEE GIRDER SHEETS FOR DIMENSION "A".
 ALL LONGITUDINAL DIMENSIONS ARE NORMAL TO PIER WALL.



SECTION B
 SCALE: NONE



SECTION C
 SCALE: NONE

NOTES:

- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
- EXTENDED STRANDS AND GIRDER REINFORCING NOT SHOWN FOR CLARITY.

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

BID SET

TDB PROJECT MANAGER	2/4/26
JGH DRAWN BY	2/4/26
SCB CHECKED BY	2/4/26

HORIZ. SCALE: NONE
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S21.dwg



DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

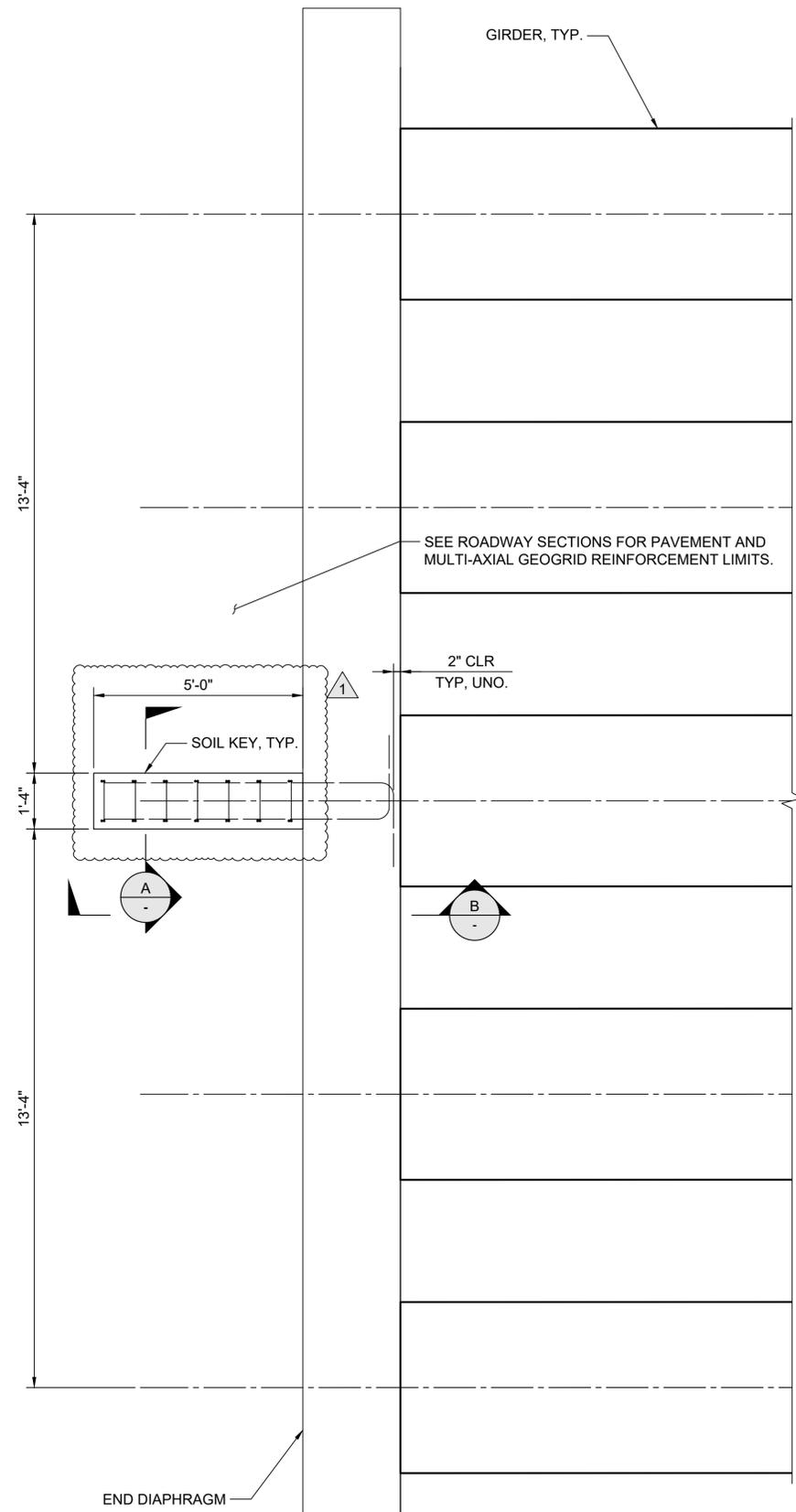


SEC 16 T 10 N R 1 W
 CRP NO 788

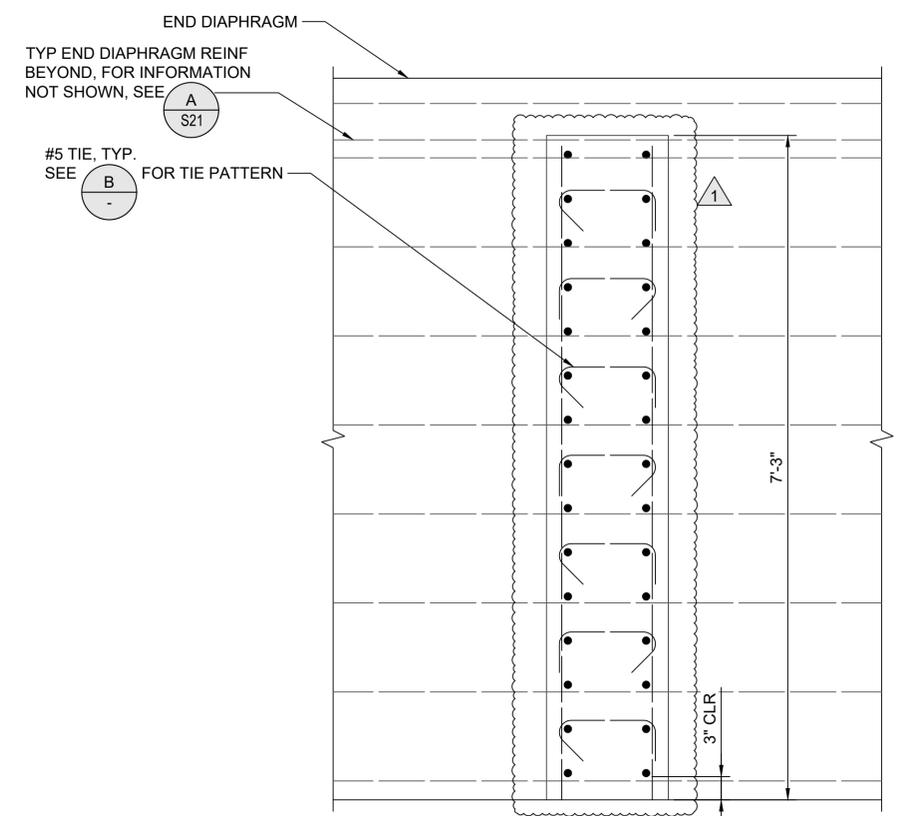
**TOWER ROAD BRIDGE
 AT ROCK CREEK**

DIAPHRAGM DETAILS - SHEET 2

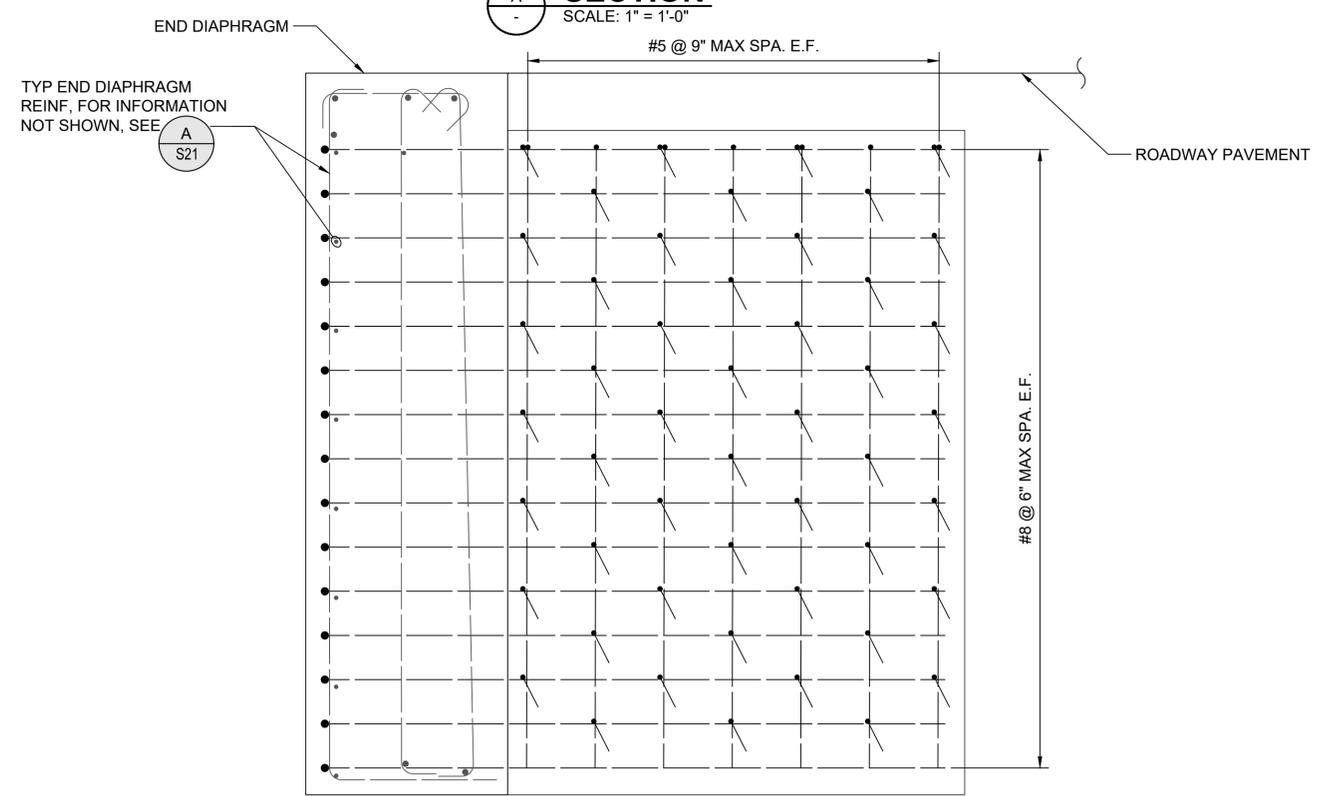
SHEET **S21**
 53 OF 70



PLAN - END DIAPHRAGM
SCALE: 1" = 2'-0"



SECTION A-A
SCALE: 1" = 1'-0"



SECTION B-B
SCALE: 1" = 1'-0"

MARK	REVISION DESCRIPTION	BY	APP.	DATE
(1)	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26
JGH DRAWN BY	2/4/26
SCB CHECKED BY	2/4/26

HORIZ. SCALE: AS SHOWN
VERT. SCALE: NONE
PROJECT ID: 1801
ROAD NO.: 51200
COMPUTER FILE: 07_S22.dwg



DEPARTMENT OF PUBLIC WORKS
1600 13TH AVENUE SOUTH
KELSO, WASHINGTON 98626



WSP USA Inc.
1300 SW 5TH AVE, Suite 3100
Portland, OR 97201
TEL: 503-872-4100
FAX: 503-872-4101



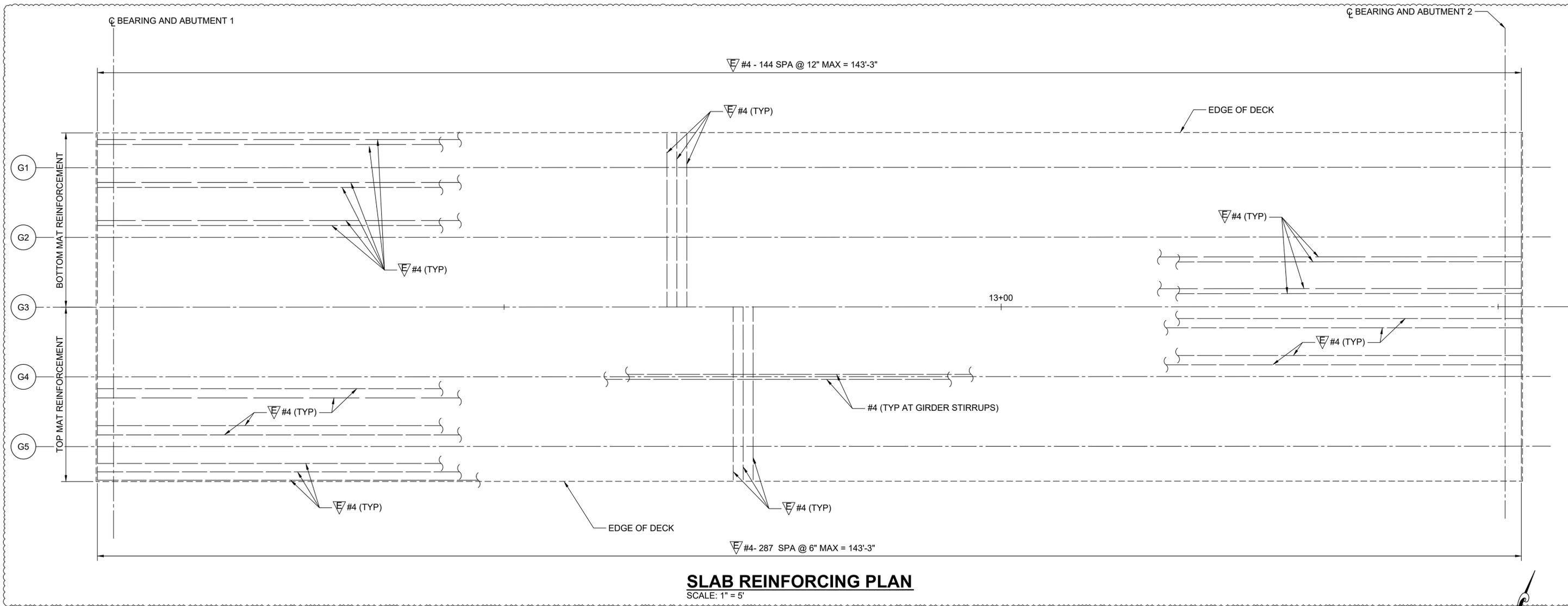
SEC 16 T 10 N R 1 W
CRP NO 788

TOWER ROAD BRIDGE AT ROCK CREEK
DIAPHRAGM DETAILS - SHEET 3

BID SET
SHEET **S22**
54 OF 70

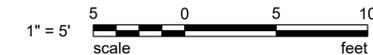
GENERAL SLAB REINFORCING NOTES:

1. LONGITUDINAL BARS ARE CONTINUOUS WITHIN EACH SPAN WITH MINIMUM LAP SPLICE LENGTH AS SHOWN ON PLANS. THE NUMBER AND LOCATION OF THE SPLICES ARE OPTIONAL UNLESS OTHERWISE SHOWN. CENTERLINE SPLICES IN ADJACENT LONGITUDINAL BARS MUST BE AT LEAST 6'-0" APART. NO MORE THAN 50% OF LONGITUDINAL BARS MAY BE SPLICED AT ANY ONE LOCATION.
2. NO MORE THAN 50% OF TRANSVERSE BARS MAY BE SPLICED AT ANY ONE LOCATION.
3. MINIMUM LAP SPLICE SHALL BE AS FOLLOWS:
 FOR #4 EPOXY COATED BARS - 2'-6"
 FOR #5 EPOXY COATED BARS - 3'-0"
 FOR #6 EPOXY COATED BARS - 3'-6"
4. CONTINUOUS LONGITUDINAL REINFORCEMENT SHALL NOT BE SPLICED WITHIN 25'-0" OF CENTERLINE OF PIER.
5. SEE SLAB REINFORCING CROSS SECTION FOR LOCATION AND SPACING OF REINFORCEMENT.
6. APPROXIMATELY 1/3 OF THE REINFORCEMENT BETWEEN EACH GIRDER AND IN EACH OVERHANG IS TO BE CUTOFF AT EACH CUTOFF LOCATION.



SLAB REINFORCING PLAN
SCALE: 1" = 5'

MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026



TDB PROJECT MANAGER	2/4/26 DATE
JGH DRAWN BY	2/4/26 DATE
SCB CHECKED BY	2/4/26 DATE

HORIZ. SCALE: 1" = 5'
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S23.dwg

COWLITZ COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS

1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

wsp

WSP USA Inc.
 1300 SW 5TH AVE, Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



**SEC 16 T 10 N R 1 W
 CRP NO 788**

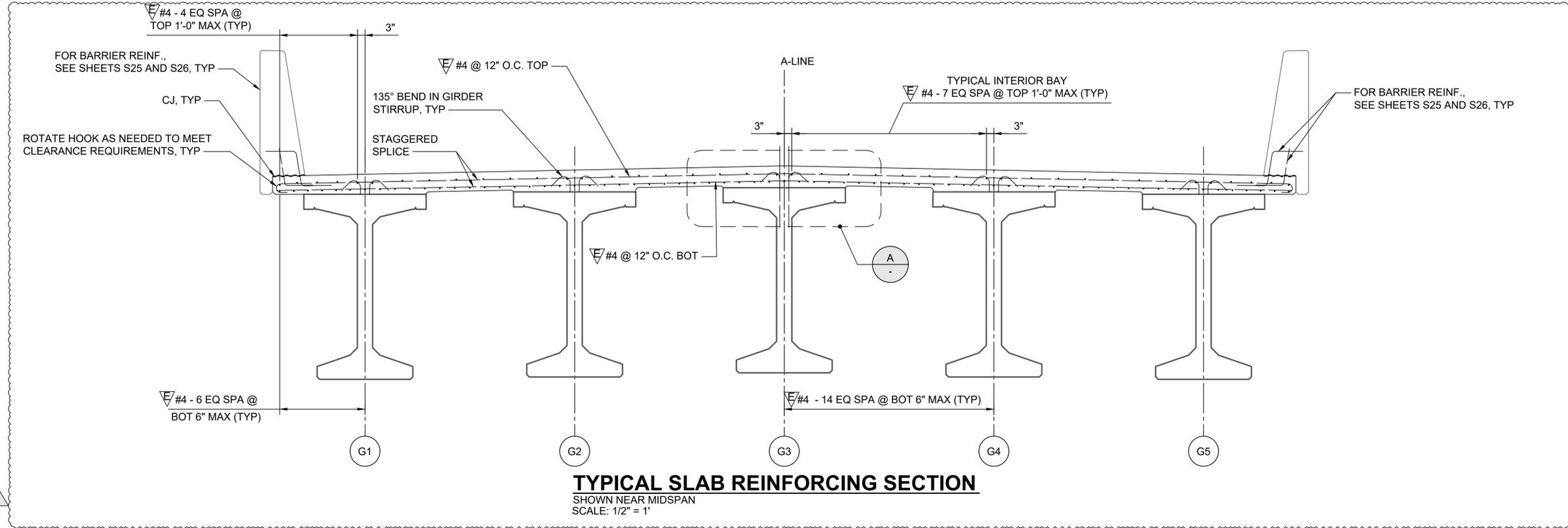
**TOWER ROAD BRIDGE
 AT ROCK CREEK**

SLAB REINFORCING PLAN

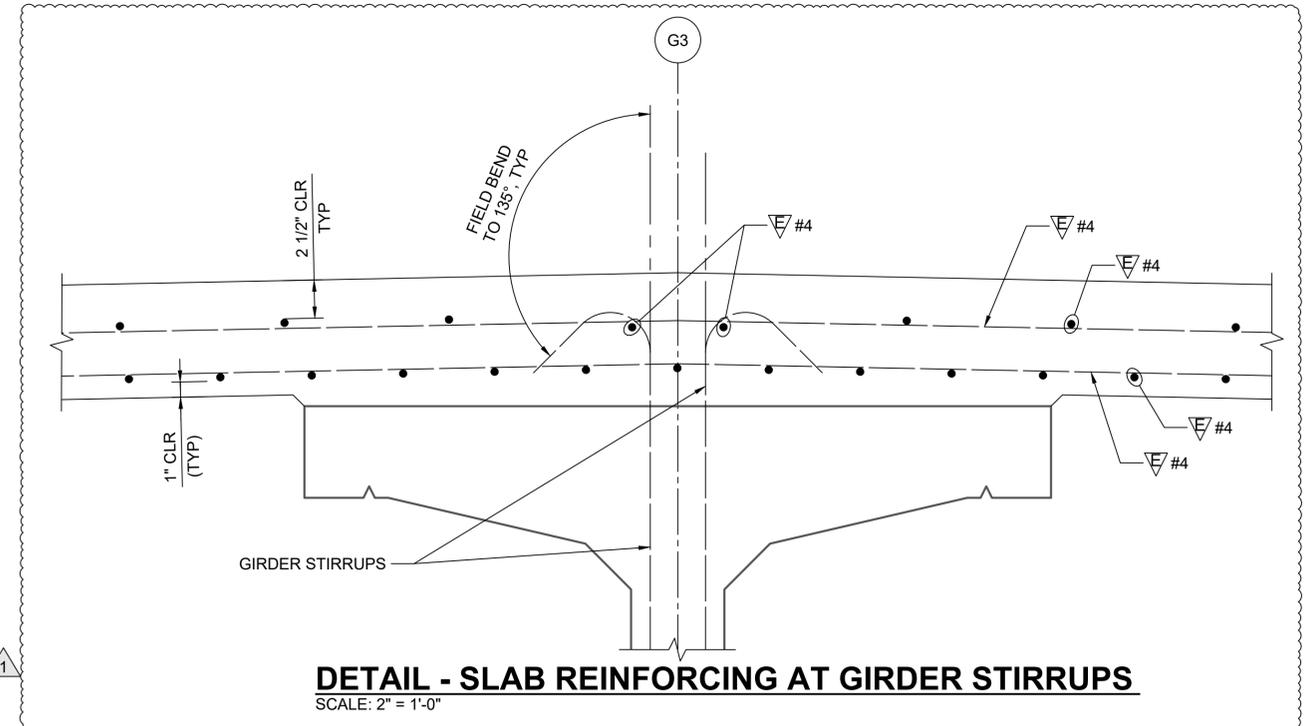
BID SET

SHEET **S23**

55 OF 70



TYPICAL SLAB REINFORCING SECTION
 SHOWN NEAR MIDSPAN
 SCALE: 1/2" = 1'



DETAIL - SLAB REINFORCING AT GIRDER STIRRUPS
 SCALE: 2" = 1'-0"



MARK	REVISION DESCRIPTION	BY	APP.	DATE
1	STRUCTURAL UPDATES	KLB	SCB	2/27/2026

TDB PROJECT MANAGER	2/4/26	DATE
JGH DRAWN BY	2/4/26	DATE
SCB CHECKED BY	2/4/26	DATE

HORIZ. SCALE: AS SHOWN
 VERT. SCALE: NONE
 PROJECT ID: 1801
 ROAD NO.: 51200
 COMPUTER FILE: 07_S24.dwg



DEPARTMENT OF PUBLIC WORKS
 1600 13TH AVENUE SOUTH
 KELSO, WASHINGTON 98626

WSP USA Inc.
 1300 SW 5TH AVE, Suite 3100
 Portland, OR 97201
 TEL: 503-872-4100
 FAX: 503-872-4101



SEC 16 T 10 N R 1 W
 CRP NO 788

TOWER ROAD BRIDGE AT ROCK CREEK
SLAB REINFORCING SECTION AND DETAILS

BID SET
 SHEET **S24**
 56 OF 70