YAKAMA NATION
POM POM ROAD AT TOPPENISH CREEK

CERTIFICATION

I hereby certify that these special provisions were prepared by me or under my direct supervision, and that I am a duly registered Professional Engineer under the laws of the State of Washington.

Engineers of Record

Certification of: Division 1, Section 2-09, Division 6	 Nov. 30, 2025	Anne M. Fabrello -Streufert, P.E., S.E. KPFF
Certification of: Sections 2-02, 2-03, Division 7 Sections 8-01 and 8- 11, Division 9	 EXP. 6/25/2027	David K. Luneke, P.E., Akana
Certification of: Section 8-30	 11/26/2025	Patrick J. Flanagan, P.E., Indicator Engineering

PROJECT SPECIFICATIONS – TABLE OF CONTENTS

INTRODUCTION TO THE SPECIAL PROVISIONS

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2025 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 WSDOT GSP)

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/APWA, current edition

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

Division 1
General Requirements

1-01.3 Definitions

(******)

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 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”, or “Yakama Nation”.

All references to “Secretary” or “governor” shall be revised to read “Yakama Nation Tribal Chairman". All references to “Engineer and State L&I” shall be revised to read “Yakama Nation Engineering Program Manager or his representative".

All references to the terms “State” or “state” shall be revised to read “Contracting Agency”, or “Yakama Nation” 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 or Yakama Nation 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.

Bid Procedures and Conditions

(******)
Delete this section.

Award and Execution of Contract

(******)
Delete this section.

Scope of the Work

Intent of the Contract

1-04.1(2) Bid Items Not Included in the Proposal

This section is deleted and replaced with the following:

(******)
When the Contract specifies work that has no bid item, the work shall be included with or incidental to the other bid items. No equitable adjustment will be made.

This section is added:

(******)
The contractor is required to obtain a Yakama Nation Business License to work on the Yakama Nation Reservation. To obtain a business license application and fee schedule: Contact: Yakama Nation Department of Revenue, 401 Fort Road Room #205, P.O. Box 151, Toppenish, WA 98948, 509-865-5121, Ext. 6103.

1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda

(******)
In the first paragraph, replace “Proposal Form” with “Construction Services Agreement and Budget”.

Revise the second paragraph to read:

(******)
Any inconsistency in the parts of the contract shall be resolved by following this order of precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

1. Addenda,
2. Proposal Form,
3. Construction Services Agreement,
4. Special Provisions,
5. Contract Plans,
6. Standard Specifications,
7. Contracting Agency’s Standard Plans or Details (if any), and
8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

Reference Information

(******)
Delete this section.

Changes

1-04.4 Changes

(January 19, 2022 APWA GSP)

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

The last sentence of the last paragraph is revised to say:

(******)
Delegation of authority to sign Change Orders shall be by the officers authorized to sign the Contract in accordance with the Construction Services Agreement.

1-04.5 Procedure, Protest, and Dispute by the Contractor

The first sentence of the sixth paragraph is revised to say:

(******)
If the Contractor does not accept the Engineer's determination then the Contractor shall pursue the dispute and claims procedures set for in Section 36 of the Construction Services Agreement.

Disputes

(******)
Delete this section.

1-04.06 Variations in Estimated Quantities

Delete item number 1 in the third paragraph and replace it with the following:

(******)
1. The equipment rates shall be actual cost but shall not exceed the rates set forth in the list submitted with the bid. For equipment not included in the list, the AGC/WSDOT Equipment Rental Agreement (referred to in Section 1-09.6) that is in effect at the time the Work is performed shall be used.

Control of Work

Requests for Information (RFI)

The fourth paragraph of Section 1-05.1(2) is revised to read:

(November 4, 2024 WSDOT GSP)
The Contractor may submit a RFI for one of the following reasons:

1. The Contractor believes there is information missing from the Contract Documents (Missing Information).

2. The Contractor believes a clarification of one or more of the Contract requirements is necessary (Clarification).

3. The Contractor needs to substitute a material that provides an equal or better level of performance as the one specified in the Contract (RFC - Material Substitution). Requests shall indicate the location(s), quantity, and shall describe how the material provides an equal or better level of performance as the material originally specified.

4. The Contractor requests a change to the Contract requirements for a reason other than one listed in items 1-3 of this Section (RFC - Other). To be considered, the request must not meet the requirements of a Value Engineering Change Proposal. To be considered, the request shall qualify as a Minor Change in accordance with Section 1-04.4(1) and shall describe how the change is beneficial to the project.

Conformity with and Deviations from Plans and Stakes

Section 1-05.4 is supplemented with the following:

(September 3, 2024 WSDOT GSP)
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	±0.01 feet variation from plan elevation	
4.	Substructure	±0.02 feet variation from Plan grades.	

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.

(January 13, 2021 WSDOT GSP)

Contractor Surveying - Roadway

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 the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. 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 Contractors 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 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, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.

3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.

4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global

Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor

5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.

6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.

7. Establish intermediate elevation benchmarks as needed to check work throughout the project.

8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.

9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.

10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Engineer for review and approval 10 days prior to the beginning of work.

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

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

	Vertical	Horizontal
Slope stakes	±0.10 feet	±0.10 feet
Subgrade grade stakes set 0.04 feet below grade	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)

Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Surfacing grade stakes	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (normal to alignment)

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 roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

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.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

Payment

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

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway 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.

Removal of Defective and Unauthorized Work

Section 1-05.7, including title and subsections, is deleted and replaced with the following:

(November 4, 2024 WSDOT GSP)

Nonconforming Work

The Contracting Agency will not pay for Nonconforming Work.

Nonconforming Work is Work that in any way fails to meet the requirements of the Contract. This includes, but is not limited to:

- Work that does not conform to Contract requirements
- Work that does not meet Contract requirements
- Work done beyond the lines and grades set by the Plans or the Engineer
- Extra Work and materials furnished without the Engineer's written approval
- Defective Work
- Noncompliant Work
- Nonconforming Work
- Out of specification Work
- Rejected Work
- Unacceptable Work
- Unauthorized Work
- Unsuitable Work
- Unsatisfactory Work

Identification of Nonconforming Work

The Contractor is responsible for quality control and shall identify all Nonconforming Work. The Contracting Agency may also identify Nonconforming Work during inspection of Work that has been completed, is at an identified hold point, or has been identified by the Contractor as ready for inspection. 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.

Reporting of Nonconforming Work

Unless otherwise specified, the Contractor shall immediately report all Nonconforming Work to the Engineer along with any relevant information about how the Nonconforming Work shall be remediated. The Contractor shall be responsible and bear all costs for remediating Nonconforming Work.

If the Contract requires the use of the WSDOT Unifier system for Document Control in accordance with Section 1-04.2, reporting and remediation submittals shall follow the "Nonconformance Report" business process in Unifier.

Remediation of Nonconforming Work

Remediation to correct Nonconforming Work shall be completed as soon as possible. However, unless otherwise specified, the Contractor shall not proceed with implementing the remedy until the Engineer has accepted the Contractor's proposed remedy. Any

remedial work done prior to the Engineer's acceptance shall be at the Contractor's sole risk and will be subject to further rejection or remediation. 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.

Remediation shall be classified in one of the following categories:

1. Rework to Contract requirements

2. Remove and replace

3. Repair to acceptable standards

When disputes occur over which category a remedy belongs, the Engineer's decision will be final and binding.

Rework to Contract Requirements

To be considered rework, the design and construction standards of the proposed completed Work, in the sole judgment of the Engineer, shall meet the design and construction standards applicable to the project.

Reporting of Nonconforming Work that is reworked is not required if all of the following conditions are met:

1. The remediation shall be completed in the same shift as the Nonconforming Work was identified.

2. It shall be remedied without damaging other Work.

3. It shall be remedied without putting the public at risk.

4. The Contractor's proposed remedy is in accordance with the Contract requirements.

5. The Engineer does not request the Nonconforming Work be reported.

Examples of Nonconforming Work that may not need reported if reworked include:

- Missing dobies prior to concrete pouring

- Rebar spacing and missing rebar

- Out of plumb luminaire or sign pole/post

For all other rework the Contractor shall submit all relevant information to the Engineer. The Contractor shall include Type 2 Working Drawings. The Type 2 Working Drawings shall explain how the nonconforming work will be reworked including repairs that will achieve the Contract requirements. For preapproved repair procedures, Type 1 Working drawings shall be included in lieu of the Type 2 Working Drawings.

Remove and Replace

To be considered as remove and replace, the Nonconforming Work shall be removed and replaced and the design and construction standards of the proposed completed Work, in the sole judgment of the Engineer, shall meet the design and construction standards applicable to the project.

Reporting of Nonconforming Work that is removed and replaced is not required if all of the following conditions are met:

1. The remedy shall be completed in the same shift the Nonconforming Work was identified.

2. It shall be removed and replaced without damaging other Work.

3. Both the removal and the replacement meet all Contract requirements.

4. The Engineer does not request the Nonconforming Work be reported.

Examples of Nonconforming Work that may not need reported if removed and replaced include:

- Decompacting and recompacting a lift of embankment to meet compaction requirements

- Removing and replacing an installed and dented luminaire pole with a new one.

For all other remove and replace Work, the Contractor shall submit all relevant information, including Working Drawings of the Type requested by the Engineer.

The Working Drawings shall include how the nonconforming Work will be removed and replaced including protection of other Work if needed. Type 2 Working Drawings shall be required, unless the remediation requires engineering, in which case, Type 2E Working Drawings shall be provided.

Repair to an Acceptable Standard

At the Contractor's written request, the Engineer may approve remediation that includes repairing to an acceptable standard that does not meet the Contract requirements with an appropriate price reduction that may range from no reduction to no payment.

To request to repair Nonconforming work to an acceptable standard, the Contractor shall submit all relevant information. Remedies proposed for this category shall include Type 2E Working Drawings. The Type 2E working drawings shall indicate whether the Work, as repaired, will achieve the same load carrying capacity, and shall assess the effects of the repair on the durability of the Work. Calculations shall be provided to demonstrate that the Work, as repaired, will perform the intended functions for its intended design life.

1-05.11 Final Inspection

Delete this section and replace it with the following:

1-05.11 Final Inspections and Operational Testing

(October 1, 2005 APWA GSP)

1-05.11(1) Substantial Completion Date

When the Contractor considers the work to be substantially complete, the Contractor shall so notify the Engineer and request the Engineer establish the Substantial Completion Date. The Contractor's request shall list the specific items of work that remain to be completed in order to reach physical completion. The Engineer will schedule an inspection of the work with the Contractor to determine the status of completion. The Engineer may also establish the Substantial Completion Date unilaterally.

If, after this inspection, the Engineer concurs with the Contractor that the work is substantially complete and ready for its intended use, the Engineer, by written notice to the Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer does not consider the work substantially complete and ready for its intended use, the Engineer will, by written notice, so notify the Contractor giving the reasons therefor.

Upon receipt of written notice concurring in or denying substantial completion, whichever is applicable, the Contractor shall pursue vigorously, diligently and without unauthorized interruption, the work necessary to reach Substantial and Physical Completion. The Contractor shall provide the Engineer with a revised schedule indicating when the Contractor expects to reach substantial and physical completion of the work.

The above process shall be repeated until the Engineer establishes the Substantial Completion Date and the Contractor considers the work physically complete and ready for final inspection.

1-05.11(2) Final Inspection and Physical Completion Date

When the Contractor considers the work physically complete and ready for final inspection, the Contractor by written notice, shall request the Engineer to schedule a final inspection. The Engineer will set a date for final inspection. The Engineer and the Contractor will then make a final inspection and the Engineer will notify the Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Engineer is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.

The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Engineer's right hereunder.

Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting Agency, in writing, of the date upon which the work was considered physically complete. That date shall constitute the Physical Completion Date of the contract, but shall not imply acceptance of the work or that all the obligations of the Contractor under the contract have been fulfilled.

1-05.11(3) Operational Testing

It is the intent of the Contracting Agency to have at the Physical Completion Date a complete and operable system. Therefore when the work involves the installation of machinery or other mechanical equipment; street lighting, electrical distribution or signal systems; irrigation systems; buildings; or other similar work it may be desirable for the Engineer to have the Contractor operate and test the work for a period of time after final inspection but prior to the physical completion date. Whenever items of work are listed in the Contract Provisions for operational testing they shall be fully tested under operating conditions for the time period specified to ensure their acceptability prior to the Physical Completion Date. During and following the test period, the Contractor shall correct any items of workmanship, materials, or equipment which prove faulty, or that are not in first class operating condition. Equipment, electrical controls, meters, or other devices and equipment to be tested during this period shall be tested under the observation of the Engineer, so that the Engineer may determine their suitability for the purpose for which they were installed. The Physical Completion Date cannot be established until testing and corrections have been completed to the satisfaction of the Engineer.

The costs for power, gas, labor, material, supplies, and everything else needed to successfully complete operational testing, shall be included in the unit contract prices related to the system being tested, unless specifically set forth otherwise in the proposal.

Operational and test periods, when required by the Engineer, shall not affect a manufacturer's guaranties or warranties furnished under the terms of the contract.

1-05.13 Superintendents, Labor, and Equipment of Contractor

(August 14, 2013 APWA GSP)
Delete the sixth and seventh paragraphs of this section.

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 Toppenish Creek RM 40 at Pom Pom Road Restoration project located on Toppenish Creek (and its associated floodplain) upstream of Pom Pom Road, may begin work as early as May 1, 2026. This work will be using an access route and staging area adjacent to the furthest south culvert to be installed (culvert 1).***

1-05.15 Method of Serving Notices

Revise the second paragraph to read:

(******)

All correspondence from the Contractor shall be served and directed as required by Section 32 of the Construction Services Agreement. 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.

Add the following new section:

1-05.16 Water and Power

(October 1, 2005 APWA GSP)

The Contractor shall make necessary arrangements, and shall bear the costs for power and water necessary for the performance of the work, unless the contract includes power and water as a pay item.

Add the following new section:

1-05.18 Record Drawings

(March 8, 2013 APWA GSP)

The Contractor shall maintain one set of full size plans for Record Drawings, updated with clear and accurate red-lined field revisions on a daily basis, and within 2 business days after receipt of information that a change in Work has occurred. The Contractor shall not conceal any work until the required information is recorded.

This Record Drawing set shall be used for this purpose alone, shall be kept separate from other Plan sheets, and shall be clearly marked as Record Drawings. These Record Drawings shall be kept on site at the Contractor’s field office, and shall be available for review by the Contracting Agency at all times. The Contractor shall bring the Record Drawings to each progress meeting for review.

The preparation and upkeep of the Record Drawings is to be the assigned responsibility of a single, experienced, and qualified individual. The quality of the Record Drawings, in terms of accuracy, clarity, and completeness, is to be adequate to allow the Contracting Agency to modify the computer-aided drafting (CAD) Contract Drawings to produce a complete set of Record Drawings for the Contracting Agency without further investigative effort by the Contracting Agency.

The Record Drawing markups shall document all changes in the Work, both concealed and visible. Items that must be shown on the markups include but are not limited to:

- Actual dimensions, arrangement, and materials used when different than shown in the Plans.
- Changes made by Change Order or Field Order.
- Changes made by the Contractor.
- Accurate locations of storm sewer, sanitary sewer, water mains and other water appurtenances, structures, conduits, light standards, vaults, width of roadways, sidewalks, landscaping areas, building footprints, channelization and pavement markings, etc. Include pipe invert elevations, top of castings (manholes, inlets, etc.).

If the Contract calls for the Contracting Agency to do all surveying and staking, the Contracting Agency will provide the elevations at the tolerances the Contracting Agency requires for the Record Drawings.

When the Contract calls for the Contractor to do the surveying/staking, the applicable tolerance limits include, but are not limited to the following:

	Vertical	Horizontal
As-built sanitary & storm invert and grate elevations	± 0.01 foot	± 0.01 foot
As-built monumentation	± 0.001 foot	± 0.001 foot
As-built waterlines, inverts, valves, hydrants	± 0.10 foot	± 0.10 foot
As-built ponds/swales/water features	± 0.10 foot	± 0.10 foot
As-built buildings (fin. Floor elev.)	± 0.01 foot	± 0.10 foot
As-built gas lines, power, TV, Tel, Com	± 0.10 foot	± 0.10 foot
As-built signs, signals, etc.	N/A	± 0.10 foot

Making Entries on the Record Drawings:

- Use erasable colored pencil (not ink) for all markings on the Record Drawings, conforming to the following color code:
- Additions - Red
- Deletions - Green
- Comments - Blue
- Dimensions- Graphite
- Provide the applicable reference for all entries, such as the change order number, the request for information (RFI) number, or the approved shop drawing number.
- Date all entries.
- Clearly identify all items in the entry with notes similar to those in the Contract Drawings (such as pipe symbols, centerline elevations, materials, pipe joint abbreviations, etc.).

The Contractor shall certify on the Record Drawings that said drawings are an accurate depiction of built conditions, and in conformance with the requirements detailed above. The Contractor shall submit final Record Drawings to the Contracting Agency. Contracting Agency acceptance of the Record Drawings is one of the requirements for achieving Physical Completion.

Payment will be made for the following bid item:

Record Drawings (Minimum Bid $ 2,500)	Lump Sum

Payment for this item will be made on a prorated monthly basis for work completed in accordance with this section up to 75% of the lump sum bid. The final 25% of the lump sum item will be paid upon submittal and approval of the completed Record Drawings set prepared in conformance with these Special Provisions.

A minimum bid amount has been entered in the Bid Proposal for this item. The Contractor must bid at least that amount.

Control of Material

Section 1-06 is supplemented with the following:

Buy America Requirements

(March 20, 2025)

General Requirements

In accordance with Buy America requirements contained in 23 CFR 635.410 and 2 CFR 184, the following materials must be produced in the United States:

1. All Iron or Steel Products used in the project. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

2. All Manufactured Products used in the project. This means the manufactured product was manufactured in the United States.

3. All Construction Materials used in the project. This means that all manufacturing processes for the construction material occurred in the United States.

An article, material, or supply will be classified in one of four categories: 1) Iron or Steel Product, 2) Manufactured Product, 3) Construction Material, or 4) Excluded Material. Only a single category will apply to an item except as follows:

1. With respect to precast concrete products that are classified as Manufactured Products, the components of precast concrete products that consist wholly or predominantly of iron, steel, or combination of both shall meet the requirements for and be tracked as an Iron or Steel Product. The item shall also meet the requirements for a Manufactured Product, and the cost of the iron or steel components shall be included in determining if the Manufactured Product was produced in the United States.

2. With respect to intelligent transportation systems and other electronic hardware systems that are classified as Manufactured Products, the cabinets or other enclosures of such systems that consist wholly or predominantly of iron, steel, or a combination of both, shall meet the requirements for and be tracked as an Iron or Steel Products. The item shall also meet the requirements for a

Manufactured Product and the cost of the iron or steel components shall be included in determining if the manufactured product was produced in the United States.

Some contract items are composed of multiple parts that may fall into different categories. Individual components will be categorized as a Construction Material, a Manufactured Product, an Iron or Steel Product, or an excluded material based on their composition when they arrive at the staging area or work site.

Definitions

1. Construction Material: Defined as any article, material, or supply brought to the construction site for incorporation into the final product. Construction materials include an article, material, or supply that is or consists primarily of:

    a. Non-ferrous metals including all manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly;

    b. Plastic and polymer-based products including all manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form);

    c. Glass including all manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting);

    d. Fiber optic cable (includes drop cable) including all manufacturing processes, from initial ribboning (if applicable), through buffering, fiber stranding and jacketing, (fiber optic cable also includes the standards for glass and optical fiber);

    e. Optical fiber including all manufacturing processes, from the initial preform fabrication stage, though the completion of the draw;

    f. Lumber including all manufacturing processes, from initial debarking through treatment and planing;

    g. Drywall including all manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels; or

    h. Engineered wood including all manufacturing processes from the initial combination of constituent materials until the wood product is in its final form.

    If a Construction Material is not manufactured in the United States it shall be considered a Foreign Construction Material.

2. Excluded Material: A material where Buy America requirements do not apply. This includes the following:

    a. Materials excluded by Section 70917(c) of the Buy America, Build America Act with respect to aggregates this includes cement and cementitious materials, aggregates such as stone, sand, or gravel or aggregate binding agents or additives. These materials shall be classified as excluded materials based on

the composition when brought to the work site. It also includes combinations of these excluded materials when mixtures of Excluded Materials are delivered to the work site without final form for incorporation into the project (i.e. wet concrete and HMA). If they are formed prior to delivery, they are a Manufactured Product and not an Excluded Material.

b. Temporary materials that are not being permanently incorporated into the project.

c. Raw or minimal processed materials where the article, material, or supply does not fall into any of the categories, as it is not a Manufactured Product, an Iron or Steel Product, or a Construction Material and when these materials are delivered to the work site without final form for incorporation into the product (i.e. seed mix and topsoil). If they are formed prior to delivery, they are a Manufactured Product and not an Excluded Material.

3. Iron or Steel Product: An article, material, or supply that consist of wholly or predominantly of iron or steel or a combination of both. To be considered predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is based on a good faith estimate of the cost of the iron or steel components.

4. Manufactured Product: A Manufactured Product includes any item produced as a result of the manufacturing process. Items that should be treated as a manufactured product (rather than a construction material) are: 1) items that consist of two or more of the listed construction materials that have been combined together through a manufacturing process, and 2) items that include at least one of the listed construction materials as defined above, combined with a material that is not listed through a manufacturing process.

   If a product is not an Iron or Steel Product, a Construction Material, or an Excluded Material, it is a Manufactured Product.

5. United States: To further define the coverage, a domestic product is a manufactured steel construction material that was produced in one of the 50 states, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

Iron or Steel Product Requirements

Iron or Steel Products that are permanently incorporated into the project shall consist of American-made materials only. Buy America requirements do not apply to temporary steel or iron items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

Minor amounts of foreign steel and iron may be utilized in this project provided the cost of the foreign material used does not exceed one-tenth of one percent of the total contract cost or $2,500.00, whichever is greater.

American-made material is defined as material having all manufacturing processes occurring domestically.

If domestically produced steel billets or iron ingots are exported outside of the United States, as defined above, for any manufacturing process then the resulting product does not conform to the Buy America requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the Buy America requirements because the initial melting and mixing of alloys to create the material occurred in a foreign country.

Manufacturing begins with the initial melting and mixing and continues through the coating stage. Any process which modifies the chemical content, the physical size or shape, or the final finish is considered a manufacturing process. The processes include rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is deemed a manufacturing process. Coating includes epoxy coating, galvanizing, aluminizing, painting, and any other coating that protects or enhances the value of steel or iron. Any process from the original reduction from ore to the finished product constitutes a manufacturing process for iron.

Due to a nationwide waiver, Buy America requirements do not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron ore processed, pelletized, and reduced iron ore.

The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:

    a. Open hearth furnace.

    b. Basic oxygen.

    c. Electric furnace.

    d. Direct reduction.

2. Rolling, heat treating, and any other similar processing.

3. Fabrication of the products:

    a. Spinning wire into cable or strand.

    b. Corrugating and rolling into culverts.

    c. Shop fabrication.

A certification of materials origin will be required for all iron or steel products prior to such items being incorporated into the permanent work. The Contractor will not receive payment until the certification is received by the Engineer. The certification shall be on WSDOT Form 350-109 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-109.

Manufactured Products

Due to a nationwide waiver, Buy America requirements do not apply to Manufactured Products except as follows:

1. When a precast concrete product is classified as a Manufactured Product, the components that are an Iron or Steel Product shall follow the “Iron and Steel Requirements” of this Specification.

2. When an electronic hardware system such as an intelligent transportation system is classified as a Manufactured Product, the cabinets and the other enclosures of such systems that are an Iron or Steel Product shall follow the “Iron and Steel Requirements” of this Specification.

Construction Material Requirements

A Contractor provided certification of materials origin will be required before each progress estimate or payment. The Contractor will not receive payment until the certification is received by the Engineer. The Contractor shall certify that all Construction Materials installed during the current progress estimate period meet the Buy America requirements. The certification shall be on WSDOT Form 350-111 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-111.

Waiver for De Minimis Costs

Minor amounts of Foreign Construction Materials may be utilized in this project, provided that the total cost of the Foreign Construction Materials does not exceed $1,000,000 and does not exceed 5 percent of the total applicable material costs calculated as follows:

$$\frac{Total\ cost\ of\ Foreign\ Construction\ Materials}{Total\ applicable\ material\ costs} < 0.05$$

The total applicable material costs shall be the sum of the costs all Construction Materials, all Iron or Steel Products, and all Manufactured Products. Total applicable material costs does not include Excluded Materials.

Samples and Tests for Acceptance

Section 1-06.2(1) is deleted and replaced with the following:

(******)

The Contractor shall hire an independent testing organization to complete all materials testing and soil compaction testing required in the plans and the project specifications, including anywhere it is stated that the sampling and testing will be performed by the Contracting Agency. Test reports shall be submitted to the Owner’s Designated Representative for review prior to approval. The Contractor shall provide reports to the Owner’s Designated Representative with sufficient time for review before use.

The Contractor shall designate specific Contractor employees and independent testing organization employees as points of contact for concrete testing and acceptance. Alternates shall be designated to ensure that direct contact is maintained during concrete placement.

The Owner’s Designated Representative will designate specific Contracting Agency employees as points of contact for concrete testing and acceptance.

The Owner's Designated Representative shall be provided opportunity to observe all of the sampling and testing performed by the independent testing organization. If the Owner's Designated Representative observes a deviation from the specified sampling and testing procedures, the Owner's Designated Representative will verbally describe the deviations observed to the independent testing organization, and will confirm these observed deviations in writing, referencing the specific procedures and steps. The independent testing organization shall respond in writing within 3 working days of the receipt of the Owner's Designated Representative's written communications.

The Owner's Designated Representative may direct that additional testing be performed if anomalies or defects are detected by the Contractor's testing. If additional testing confirms the presence of a defect, the testing costs and the delay costs resulting from the additional testing shall be borne by the Contractor in accordance with Section 1-05.6.

All field and Laboratory materials testing by the independent testing organization will follow methods described in the Contract documents, or in the WSDOT Materials Manual M 46-01, using qualified testing personnel and calibrated or verified equipment. The standard or tentative standard in effect on the Bid advertising date will apply in each case.

Revisions to the WSDOT Materials Manual M 46-01 or revisions to other Specifications or test methods such as AASHTO, ASTM, or Federal Specifications will be considered as in effect 60 calendar days after publication.

All costs associated with sampling and testing shall be included in the unit costs of the materials being tested.

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.

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.

Health and Safety

Section 1-07.1(2) is supplemented with the following:

(April 3, 2006)
Confined Space
Confined spaces are known to exist at the following locations:

*** air relief valve access units ***

The Contractor shall be fully responsible for the safety and health of all on-site workers and compliant with Washington Administrative Code (WAC 296-809).

The Contractor shall prepare and implement a confined space program for each of the confined spaces identified above. The Contractor's Confined Space program shall be sent to the Contracting Agency at least 30 days prior to the Contractor beginning work in or adjacent to the confined space. No work shall be performed in or adjacent to the confined space until the plan is submitted to the Engineer as required. The Contractor shall communicate with the Engineer to ensure a

coordinated effort for providing and maintaining a safe worksite for both the Contracting Agency's and Contractor's workers when working in or near a confined space.

All costs to prepare and implement the confined space program shall be included in the bid prices for the various items associated with the confined space work.

1-07.2 State Taxes

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

(******)
The Yakama Nation is exempt from paying retail sales tax on tangible personal property or services when the good are delivered to or services provided within the Yakama Reservation.

Environmental Regulations

Section 1-07.5 is supplemented with the following:

(September 20, 2010 WSDOT GSP)
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 Provision **Permits and Licenses**. Throughout the work, the Contractor shall comply with the following requirements:

(******)
Project-specific permit requirements are included in Exhibit I of the Request for Bids.

(August 4, 2014 WSDOT GSP)
The Contractor shall submit a written notification to the Engineer no later than 10 calendar days prior to beginning any ground disturbing activities *** at all locations on the project site ***. The Contractor shall not commence any such ground disturbing activities until the monitor is present.

(August 3, 2009 WSDOT GSP)
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.

State Department of Fish And Wildlife

(******)
Delete this section.

Load Limits

Section 1-07.7 is supplemented with the following:

(March 13, 1995 WSDOT GSP)

If the sources of materials provided by the Contractor necessitates hauling over roads other than State Highways, the Contractor shall, at the Contractor's expense, make all arrangements for the use of the haul routes.

High-Visibility Apparel

The third and fourth paragraphs of Section 1-07.8 are revised to read

(November 4, 2024)
High-visibility garments shall always be the outermost garments worn in a manner to ensure 360 degrees of uninterrupted background and retroreflective material encircling the torso.

High-visibility garments shall be labeled as, and in a condition compliant with the ANSI/ISEA 107-2015 publication entitled “American National Standard for High-Visibility Safety Apparel and Accessories,” or equivalent revisions.

Traffic Control Personnel

Section 1-07.8(1) is revised to read:

(November 4, 2024)
All personnel performing the Work described in Section 1-10 (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.

Wages

General

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

(******)
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. WA20250001.

1-07.9(5)A Required Documents

This section is revised to read as follows:

(******)

All documents shall be submitted as required to comply with Davis Bacon Laws (Construction Services Agreement 17(C).

1-07.11 Requirements for Nondiscrimination

This section is supplemented with the following:

(******)

TERO Requirements

1. The project is located on the Yakama Reservation, as such, TERO is applicable to this project. The signed TERO agreement will become a part of this contract and must be presented to the Engineer before work can begin. The Tribe's TERO Office can be contacted by calling 509-314-6707. The Contractor will not be liable for the 3% TERO fee as it will be paid by YNE with budgeted contract funds.
2. The DBE goal is 0.0 %.

1-07.11(2) Contractual Requirements

(November 25, 2024 APWA GSP)

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

Federal Agency Inspection

Section 1-07.12 is supplemented with the following:

(July 25, 2022 WSDOT GSP)

Required Federal Aid Provisions

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised July 5, 2022 and the amendments thereto supersede any conflicting provisions of the Standard Specifications and are made a part of this Contract; provided, however, that if any of the provisions of FHWA 1273, as amended, are less restrictive than Washington State Law, then the Washington State Law shall prevail.

The provisions of FHWA 1273, as amended, included in this Contract require that the Contractor insert the FHWA 1273 and amendments thereto in each subcontract, together with the wage rates which are part of the FHWA 1273, as amended. Also, a clause shall be included in each subcontract requiring the subcontractors to insert the FHWA 1273 and amendments thereto in any lower tier subcontracts, together with the wage rates. The Contractor shall also ensure that this section, REQUIRED FEDERAL AID PROVISIONS, is inserted in each subcontract for subcontractors and lower tier subcontractors. For this purpose, upon request to the Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the amendments thereto, the applicable wage rates, and this Special Provision.

Responsibility for Damage

The section is revised to read:

(******)

The Contractor shall promptly repair all damage to either temporary or permanent work as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2) or 1-07.13(3), payment will be made in accordance with Section 1-04.4. Payment will be limited to repair of damaged work only. No payment will be made for delay or disruption of work.

Protection and Restoration of Property

Archaeological and Historical Objects

Section 1-07.16(4) is supplemented with the following:

(December 6, 2004)
The project area potentially contains archaeological or historical objects that may have significance from a historical or scientific standpoint. To protect these objects from damage or destruction, the Contracting Agency, at its discretion and expense, may monitor the Contractor's operations, conduct various site testing and perform recovery and removal of such objects when necessary.

The Contractor may be required to conduct its operations in a manner that will accommodate such activities, including the reserving of portions of the work area for site testing, exploratory operations and recovery and removal of such objects as directed by the Engineer. If such activities are performed by consultants retained by the Contracting Agency, the Contractor shall provide them adequate access to the project site.

Added work necessary to uncover, fence, dewater, or otherwise protect or assist in such testing, exploratory operations and salvaging of the objects as ordered by the Engineer shall be paid by force account as provided in Section 1-09.6. If the discovery and salvaging activities require the Engineer to suspend the Contractor's work, any adjustment in time will be determined by the Engineer pursuant to Section 1-08.8.

To provide a common basis for all bidders, the Contracting Agency has entered an amount for the item "Archaeological and Historical Salvage" in the Proposal to become a part of the total bid by the Contractor.

Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

(April 2, 2007)
Locations and dimensions shown in the Plans 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:

***
Yakama Nation Power: Ray Wiseman, (509) 865-7697

Yakama Nation Water/Sewer: Stephen Starr, (509)945-4676, stephenstarr@yahoo.com

The Contractor shall contact each of the Utility Owners prior to any excavation.***

1-07.18 Public Liability and Property Damage Insurance

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

1-07.18 Insurance

(******)

See Article 26 of the Construction Services Agreement for the various types and amounts of insurance required.

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
- Yakima County 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 not satisfy these requirements – actual endorsements must be submitted.

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 in Section 26 of the Construction Services Agreement. 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.

1-07.19 Gratuities

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

(******)
The Contractor shall comply with all applicable sections of the FAR Section 52.203-3, "Gratuities", which regulates gifts to Contracting Agency officers and employees.

1-07.22 Use of Explosives

This section is deleted and replaced with the following:

(******)
Explosives shall not be used for this project.

1-07.24 Rights of Way

(April 22, 2025 APWA GSP)

Delete this section and replace it with the following:

Street Right of Way lines, limits of easements, and limits of construction permits are indicated in the Plans. The Contractor's construction activities shall be confined within these limits unless arrangements for use of private property are made as described below.

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and easements, both permanent and temporary, necessary for carrying out the work. Exceptions to this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly issued Addendum.

Whenever any of the work is accomplished on or through property other than public Right of Way, the Contractor shall meet and fulfill all covenants and stipulations of any easement agreement obtained by the Contracting Agency from the owner of the private property. Copies of the easement agreements may be included in the Contract Provisions or made available to the Contractor as soon as practical after they have been obtained by the Engineer.

Whenever easements or rights of entry have not been acquired prior to advertising, these areas are so noted in the Plans. The Contractor shall not proceed with any portion of the work in areas where right of way, easements or rights of entry have not been acquired until the Engineer certifies to the Contractor that the right of way or easement is available or that the right of entry has been received. If the Contractor is delayed due to acts of omission on the part of the Contracting Agency in obtaining easements, rights of entry or right of way, the Contractor will be entitled to an extension of time. The Contractor agrees that such delay shall not be a breach of contract.

Each property owner shall be given 48 hours' notice prior to entry by the Contractor. This includes entry onto easements and private property where private improvements must be adjusted.

The Contractor shall be responsible for providing, without expense or liability to the Contracting Agency, any additional land and access thereto that the Contractor may desire for temporary construction facilities, storage of materials, or other Contractor needs. However, before using any private property, whether adjoining the work or not, the Contractor shall file with the Engineer a written permission of the private property owner, and, upon vacating the premises, a written release from the property owner of each property disturbed or otherwise interfered with by reasons of construction pursued under this contract. The statement shall be signed by the private property owner, or proper authority acting for the owner of the private property affected, stating that permission has been granted to use the property and all necessary permits have been obtained or, in the case of a release, that the restoration of the property has been satisfactorily accomplished. The statement shall include the parcel number, address, and date of signature. Written releases must be filed with the Engineer before the Completion Date will be established.

Prosecution and Progress

1-08 PROSECUTION AND PROGRESS

Add the following new section:

1-08.0 Preliminary Matters

(May 25, 2006 APWA GSP)

Add the following new section:

1-08.0(1) Preconstruction Conference

(******)

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 TERO Requirements.
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

(******)

Normal Working Hours shall be in accordance with Section 4 “Project Schedule and Key Deliverables” in the Contract Scope of Work.

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.
5. 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(9) Submittal of Executed Subcontracts

This Section is deleted and replaced with the following:

(******)

Before a subcontractor of any tier can perform Work, that subcontractor's executed subcontract shall be submitted to the Contracting Agency. In addition to any subcontract clauses required elsewhere in the Contract, each subcontract shall fully describe the Work to be performed. The executed subcontracts shall be submitted by email to the Yakama Nation Designated Representative.

1-08.1(10) Failure to Comply

(******)

Numbers 3 and 4 in this Section are deleted.

1-08.3(2)B Type B Progress Schedule

(January 4, 2024 APWA GSP)

Revise the first paragraph to read:

> The Contractor shall submit a preliminary Type B Progress Schedule at or prior to the preconstruction conference. The preliminary Type B Progress Schedule shall comply with all of these requirements and the requirements of Section 1-08.3(2), except that it may be limited to only those activities occurring within the first 60-working days of the project.

Revise the first sentence of the second paragraph to read:

> The Contractor shall submit *** 1 PDF *** copies of a Type B Progress Schedule depicting the entire project no later than 21-calendar days after the preconstruction conference.

1-08.3(2)D Preliminary Progress Schedules

(January 4, 2024 APWA GSP)

Revise the second paragraph to read:

1. The preliminary progress schedule shall be submitted no later than the preconstruction conference for all Type B and Type C progress schedules.

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**
>
> *(July 23, 2015 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 1-10.1(2). 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

(November 25, 2024 APWA GSP, Option A)

Revise the third and fourth paragraphs to read:

Contract time shall begin on the first working day following the Notice to Proceed Date.

Each working day shall be charged to the contract as it occurs, until the contract work is physically complete. If substantial completion has been granted and all the authorized working days have been used, charging of working days will cease. Each week the Engineer will provide the Contractor a statement that shows the number of working days: (1) charged to the contract the week before; (2) specified for the physical completion of the contract; and (3) remaining for the physical completion of the contract. The statement will also show the nonworking days and all partial or whole days the Engineer declares as unworkable The statement will be identified as a Written Determination by the Engineer. If the Contractor does not agree with the Written Determination of working days, the Contractor shall pursue the protest procedures in accordance with Section 1-04.5. By failing to follow the procedures of Section 1-04.5, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor is approved to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

Revise the fifth and sixth paragraph to read:

The Engineer will give the Contractor written notice of the Physical Completion Date for all Work the Contract requires. That date shall constitute the Physical Completion Date of the Contract but shall not imply the Contracting Agency's acceptance of the Work or the Contract.

The Engineer will give the Contractor written notice of the completion date of the contract after all the Contractor's obligations under the contract have been performed by the Contractor. The following events must occur before the Completion Date can be established:

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract.

The following documents must be received by the Project Engineer prior to establishing a completion date:

a. Certified Payrolls (per Section 1-07.9(5)).
b. Material Acceptance Certification Documents
c. Final Contract Voucher Certification
d. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all Subcontractors
e. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
f. Property owner releases per Section 1-07.24

(******)

The first sentence of the first paragraph of Section 1-08.5 is replaced with the following:

The Contractor shall complete all bid items no later than December 31, 2026.

The list of holidays in the first paragraph is extended to include the following days:

Other days declared holidays by the Yakama Nation, Congress or the President.

Section 1-08.5 is supplemented with the following:

(March 13, 1995 WSDOT GSP)
This project shall be physically completed within *** 190 *** working days.

Measurement and Payment

Weighing Equipment

1-09.2(1) General Requirements for Weighing Equipment

(July 8, 2024.Option A)

Revise the third paragraph to read:

Scale Operations – "Contractor-provided scale operations" are defined as operations where a scale is set up by the Contractor specifically for the project and most, if not all, material weighed on the scale is utilized for Contract Work. In this situation, the Contractor shall provide, set up, and maintain the scales necessary to perform this Work. The Contracting Agency will provide a person to operate the project scale, write tickets, perform scale checks and prepare reports.

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.

1-09.2(1) General Requirements for Weighing Equipment
(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.

1-09.2(5) Measurement
(December 30, 2022 APWA GSP)

Revise the first paragraph to read:

Scale Verification Checks – At the Engineer's discretion, the Engineer may perform verification checks on the accuracy of each batch, hopper, or platform scale used in weighing contract items of Work.

Scope of Payment

Section 1-09.3 is supplemented with the following:

(******)
There will be no Fuel Cost Adjustment for this project.

Neither overruns nor underruns of any materials or quantities specified in the “Budget (Bid Schedule)” will be subject to a renegotiation of unit price.

1-09.6 Force Account

(December 30, 2022 APWA GSP)

Supplement this section with the following:

The Contracting Agency has estimated and included in the Proposal, dollar amounts for all items to be paid per force account, only to provide a common proposal for Bidders. All such dollar amounts are to become a part of Contractor's total bid. However, the Contracting Agency does not warrant expressly or by implication, that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by the Engineer.

(******)

The equipment rates shall be actual cost but shall not exceed the rates set forth in the list submitted with the bid. For equipment not included in the list, the AGC/WSDOT Equipment Rental Agreement that is in effect at the time the Work is performed shall be used.

1-09.9 Payments

(July 8, 2024, 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.

Retainage

Section 1-09.9(1) is deleted and replaced with the following

(******)
No amount shall be retained; however, the final invoice will not be paid until the contract is complete. When the final invoice is anticipated to be less than 5% of the final contract amount neither the final invoice nor the previous invoice will be paid at the discretion of Yakama Nation until the contract is complete.

Disputes and Claims

Revise Section 1-09.11 to read*:*

(******)
Every attempt to resolve disputes and claims will be made by YNE. When this fails the Contractor may revert to Article 20 of the Construction Agreement.

Claims Resolution

Arbitration

(******)
Delete this section.

Venue for Litigation

(******)
Delete this section.

Division 2
Earthwork

Removal of Structures and Obstructions

Description

Section 2-02.1 is supplemented with the following:

(February 25, 2021 WSDOT GSP)
Decommissioning Wells
The Contractor shall decommission wells at the locations as shown in the Plans.

Vacant

Section 2-02.2 is supplemented with the following:

(February 25, 2021 WSDOT GSP)
Materials shall conform to WAC 173-160-381 for the type of well scheduled for decommissioning.

(February 25, 2021 WSDOT GSP)
Decommissioning of Wells

1. Protect the well in place until decommissioned.

2. The Contractor shall provide the Department of Ecology (Ecology) a Notice of Intent (NOI) prior to decommissioning a well. A pdf of the NOI shall be provided to the Engineer within 24 hours of submittal to Ecology. A pdf of any Ecology required well reports shall be provided to the Engineer within 24 hours of submittal to the Ecology. Well reports shall include tag numbers, coordinates or other data required by Ecology for incorporation into the Ecology database for wells.

3. Licensed well drillers shall be utilized in accordance with Chapter 18.104 RCW, the Washington Well Construction Act.

4. The Contractor shall comply with WAC 173-160-381 which describes the standards for decommissioning a well.

5. The Contractor shall comply with WAC 173-160-261 requiring all dug wells to have a proper cap to prevent injury and contamination.

6. The Contractor shall comply with local laws pertaining to the decommissioning of wells.

7. This Work shall be completed prior to physical completion of the project or as agreed upon with the Engineer.

Construction Requirements

Section 2-02.3 is supplemented with the following:

(September 7, 2021 WSDOT GSP)

Removal of Obstructions

The following miscellaneous Obstructions shall be removed and disposed of:

*** Concrete Removal at culvert to be removed near STA 11+60
96-inch CMP culvert near Sta. 11+50
12-inch CMP culvert near Sta. 17+00
8-inch PVC C900 water main as shown on Drawings ***

Payment

Section 2-02.5 is supplemented with the following:

(February 25, 2021 WSDOT GSP)
"Decommissioning Wells", lump sum including all Work as specified and payment to regulatory agencies for any associated fees for monitoring or decommissioning of wells.

Roadway Excavation and Embankment

Construction Requirements

Widening of Cuts

Add the following to the end of Section 2-03.3(1):

(******)
Contractor shall stockpile sandy loam material in areas designated by Engineer for use as select topsoil for Ditch Fill.

Structure Excavation

Materials

Add the following to the end of Section 2-09.2:

(******)
Quarry Spalls 9-13.1(5)

Construction Requirements

General Requirements

Removal of Unstable Base Material

Section 2-09.3(1)C is supplemented with the following:

(September 8, 2020 WSDOT GSP)
If the soil in the footing excavation *** as shown in the plans *** is disturbed and becomes unsuitable before placement of the concrete footing, the Contractor shall excavate below the plan grade a maximum of 1 foot, as determined by the Engineer, and backfill with gravel backfill for foundations.

Backfilling

Add the following to the end of Section 2-09.3(1)E:

(******)

Contractor shall overexcavate at walls and culvert foundations where indicated on plans and backfill with quarry spalls meeting the requirements of Section 9-13.1(5). When placing quarry spalls, provide a layer 20% thicker than indicated in the plans and compact this thicker layer into the native material until reaching the elevation indicated in the plans.

Division 6
Structures

Concrete Structures

Materials

Section 6-02.2 is supplemented with the following:

Bridge Supported Utilities

(June 26, 2000 WSDOT GSP)
Inserts shall be of the type and model specified in the Plans. Inserts shall be galvanized in accordance with AASHTO M 111.

(September 3, 2019 WSDOT GSP)
Hanger rods, and associated nuts and washers, shall conform to Section 9-06.5(1), and shall be galvanized in accordance with ASTM F2329.

Steel bars and plates shall conform to ASTM A 36 and shall be galvanized in accordance with AASHTO M 111.

(September 3, 2019 WSDOT GSP)
Horizontal strut bolts or threaded rods, and associated nuts and washers, shall conform to Section 9-06.5(1), and shall be galvanized in accordance with ASTM F2329.

Pre-formed fabric pads shall be composed of multiple layers of duck, impregnated and bound with high quality oil resistant synthetic rubber, compressed into resilient pads. The pre-formed fabric pads shall conform to latest edition of MIL C 882 and the following requirements. The number of plies shall be as required to produce the specified thickness, after compression and vulcanizing.

Pre-formed fabric pads shall have a shore A hardness of 90$\pm$5 in accordance with ASTM D 2240.

Pre-formed fabric pads for bridge utility supports will be accepted based on the Manufacturer's Certificate of Compliance that the material furnished conforms to these specifications.

(June 26, 2000 WSDOT GSP)
Pipe rolls or pipe saddles shall be of the type and model specified in the Plans.

Construction Requirements

Section 6-02.3 is supplemented with the following:

Bridge Supported Utilities

(August 3, 2015 WSDOT GSP)
The Contractor shall furnish and install inserts for the bridge utility supports as shown in the Plans. The Contractor shall verify that the hanger rods freely hang plumb in their

inserts, and shall make adjustments to the inserts as necessary and as accepted by the Engineer prior to utility installation.

(June 26, 2000 WSDOT GSP)
The Contractor shall furnish and install the bridge utility supports, and the utility pipe or conduit pipe, as shown in the Plans.

Bridge Approach Slab Orientation and Anchors

Section 6-02.3(10)F is supplemented with the following:

(August 4, 2008 WSDOT GSP)
The pavement end of the bridge approach slab shall be constructed parallel to the pavement seat.

Prestressed Concrete Girders

Curing

Section 6-02.3(25)D is supplemented with the following:

(******)
All girders shall be cured in identical conditions, including the duration of curing before forms are released.

Handling and Storage

Girder Lateral Stability and Stress Analysis

The table in item number 4 of the first paragraph is revised to read:

(January 6, 2025 WSDOT GSP)

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 areas except at Section extremities when lateral bending is explicitly considered.	$0.65f_{ci}^{'}$
		At section extremities (i.e., flange tips) during handling when lateral bending is explicitly considered	$0.70f_{ci}^{'}$
Temporary Stress at Shipping and Erection	Tensile	In areas without bonded reinforcement sufficient to resist the tensile force in the concrete	$0.0948\lambda\sqrt{f_c^{'}}(ksi)$
		In areas with bonded reinforcement sufficient to resist the tensile force in the concrete	$0.24\lambda\sqrt{f_c^{'}}$
	Compressive	All areas except at section extremities when lateral bending is explicitly considered	$0.65f_c^{'}$
		At section extremities (i.e., flange tips) during handling when lateral bending is explicitly considered	$0.70f_c^{'}$

Final Stresses at Service Limit State	Tensile	All locations	0.0
	Compressive	All areas due to effective prestress and permanent loads	$0.45f_c'$
		All areas due to effective prestress, permanent loads and transient (live) loads	$0.60f_c'$
Final Stresses at Fatigue Limit State	Compressive	All areas due to the Fatigue I Load Combination plus one-half the sum of effective prestress and permanent loads in accordance with AASHTO LRFD Section 5.5.3.1	$0.40f_c'$

Measurement

Section 6-02.4 is supplemented with the following:

(September 8, 2020 WSDOT GSP)
*** Superstructure - Pom Pom Road Bridge *** contains the following approximate quantities of materials and work:

*** (5) 159 ft WF61DG Prestressed Concrete Girders
(10) Elastomeric Bearing Pads
200 lbs Epoxy-Coated St. Reinf. Bar for Diaphragms
2,800 lbs St. Reinf. Bar for Diaphragms
34 CY Concrete Class 4000 for Diaphragms
322 LF of Traffic Barrier
(20) Utility Hangers for Bridge Supported Waterline***

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 -

Pom Pom Road Bridge *** even though the actual quantities required may deviate from those listed.

Payment

Section 6-02.5 is supplemented with the following:

(June 26, 2000 WSDOT GSP)

Bridge and Structures Minor Items

For the purpose of payment, such bridge and structures items as *** Elastomeric stop pads, materials and labor necessary to install girder weld ties as shown in the plans, grout and labor for filling girder keyways, grout for elastomeric bearing pads, waterline carrier pipe and spacers, plastic sheeting and EPS Geofoam at End Diaphragms *** 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 *** Lump Sum Cost for “Superstructure - Pom Pom Road Bridge” ***

(June 26, 2000 WSDOT GSP)

Bridge Supported Utilities

All costs in connection with placing *** the waterline as shown in the plans *** through the superstructure of *** the Pom Pom Road Bridge *** as shown in the Plans, including all *** furnishing of materials, labor for installation, coordination with utility, and any other effort necessary to install the utility as shown in the plans ***, shall be included in the *** lump sum bid item “Superstructure - Pom Pom Road Bridge.” ***

Structural Earth Walls

Materials

Section 6-13.2 is supplemented with the following:

(February 6, 2023 WSDOT GSP)

Welded Wire Faced Structural Earth Wall Materials

Welded Wire Mats and Backing Mats

Welded wire fabric for welded wire mats, welded wire form facing units, and backing mats shall conform to AASHTO M 336, and shall be fabricated from plain wire fabric conforming to AASHTO M 336 Grade 65.

The minimum clear opening dimension of the backing mat, or the combination of welded wire form facing unit with geosynthetic wall facing wrap, shall not exceed the minimum particle size of the wall facing backfill as specified below.

Welded wire fabric for welded wire mats, welded wire form facing units, and backing mats shall be galvanized after fabrication in accordance with either ASTM A641 (two ounces minimum per square foot) or AASHTO M 111. All damage to the galvanizing shall be repaired with one coat of paint conforming to Section 9-08.1(2)B.

Backfill for Welded Wire Faced Structural Earth Wall

The coarse, granular material used for the wall facing backfill placed immediately behind the wall face, as shown in the Plans, shall conform to the following gradation requirements:

1. The minimum particle size shall be no less than the width of the minimum opening dimension in the backing mat or the geosynthetic wall facing wrap.

2. The maximum particle size shall be no greater than six inches for welded wire reinforced walls, and no greater than four inches for geosynthetic reinforced walls.

Proprietary Materials

Hilfiker Welded Wire Retaining Wall (WWW) System

Welded wire fabric wire size for backing mats shall be W2.1 minimum for wall face backing layers of 1'-6" maximum thickness, and shall be W2.5 minimum for wall face backing layers between 1'-6" and 2'-0".

Construction geotextile for wall facing shall conform to the requirements in Section 9-33.1 for Construction Geotextile for Underground Drainage, Moderate Survivability, Class A.

Tensar Wire Form Retaining Wall System

Wire support struts shall conform to AASHTO M 336, and shall be galvanized after fabrication in accordance with either ASTM A641 (two ounces minimum per square foot) or AASHTO M 111. All damage to the galvanizing shall be repaired with one coat of paint conforming to Section 9-08.1(2)B.

Geosynthetic connection rods shall be manufactured from high-density polyethylene with either fiberglass inclusions or oriented polypropylene, as recommended by Tensar Earth Technologies, Inc.

Geosynthetic separating the wall facing backfill from the welded wire faced structural earth wall backfill shall conform to the requirements in Section 9-33.1 for Construction Geotextile for Underground Drainage, Moderate Survivability, Class A.

Tensar Geogrid Materials

Geogrid reinforcement and geosynthetic wall facing wrap shall conform to Section 9-33.1, and shall be a product listed in Appendix D of the current WSDOT Qualified Products List (QPL). The values of T_{al} and T_{ult} as listed in the QPL for the products used shall meet or exceed the values required for the wall manufacturer's reinforcement design as specified in the structural earth wall design calculation and working drawing submittal.

The minimum ultimate tensile strength of the geogrid shall be a minimum average roll value (the average test results for any sampled roll in a lot shall meet or exceed the values shown in Appendix D of the current WSDOT QPL). The strength shall be determined in accordance with ASTM D6637 for multi-rib specimens.

For geogrid reinforcement and geosynthetic wall facing wrap, the ultraviolet (UV) radiation stability, in accordance with ASTM D4355, shall be a minimum of 70 percent strength retained after 500 hours in the weatherometer.

The longitudinal (i.e., in the direction of loading) and transverse (i.e., parallel to the wall or slope face) ribs that make up the geogrid shall be perpendicular to one another.

The Engineer will take random samples of the geogrid materials at the job site. Approval of the geogrid materials will be based on testing of samples from each lot. A “lot” shall be defined as all geogrid rolls sent to the project site produced by the same manufacturer during a continuous period of production at the same manufacturing plant having the same product name. The Contracting Agency will require 14 calendar days maximum for testing the samples after their arrival at the WSDOT Materials Laboratory in Tumwater, WA.

The geogrid samples will be tested for conformance to the specified material properties. If the test results indicate that the geogrid lot does not meet the specified properties, the roll or rolls which were samples will be rejected. Two additional rolls for each roll tested which failed from the lot previously tested will then be selected at random by the Engineer for sampling and retesting. If the retesting shows that any of the additional rolls tested do not meet the specified properties, the entire lot will be rejected. If the test results from all the rolls retested meet the specified properties, the entire lot minus the roll(s) which failed will be accepted.

All geogrid materials which have defects, deterioration, or damage, as determined by the Engineer, will be rejected. All rejected geogrid materials shall be replaced at no expense to the Contracting Agency.

Except as otherwise noted, geogrid identification, storage and handling shall conform to the requirements specified in Section 2-12.2. The geogrid materials shall not be exposed to temperatures less than -20°F and greater than 122°F.

Construction Requirements

Section 6-13.3 is supplemented with the following:

(April 4, 2011 WSDOT GSP)

Welded Wire Faced Structural Earth Wall

Welded wire faced structural earth walls shall be constructed of only one of the following wall systems.

The Contractor shall make arrangements to purchase the welded wire mats, welded wire form facing units, geogrid reinforcement, backing mats, facing elements, fasteners, geosynthetic connection rods, construction geotextile for wall facing, and all necessary incidentals from the source identified for each wall system:

Hilfiker Welded Wire Retaining Wall (WWW) System

Hilfiker is a registered trademark of Hilfiker Retaining Walls.

Hilfiker Retaining Walls
1902 Hilfiker Lane
Eureka, CA 95503-5711
(707) 443-5093
FAX (707) 443-2891
www.hilfiker.com

Tensar Wire Form Retaining Wall System
Tensar is a registered trademark of Tensar Corporation

Tensar Corporation
2500 Northwinds Parkway Suite 500
Atlanta, GA 30009
(770) 344-2090
FAX (678) 281-8546
www.tensarcorp.com

Submittals

Section 6-13.3(2) is supplemented with the following:

(January 3, 2011 WSDOT GSP)
The following geotechnical design parameters shall be used for the design of the structural earth wall(s):

Wall Name or No.: *** all structural earth walls shown in the plans***

Soil Properties	Wall Backfill	Retained Soil	Foundation Soil
Unit Weight (pcf)	*** 135 ***	*** 135 ***	*** 120 ***
Friction Angle (deg)	*** 36 ***	*** 34 ***	*** 28 ***
Cohesion (psf)	*** 0 ***	*** 0 ***	*** 0 ***

For the Service Limit State, the wall shall be designed to accommodate a differential settlement of *** 2 inches *** per 100 feet of wall length.

For the Extreme Event I Limit State, the wall shall be designed for a horizontal seismic acceleration coefficient k_h of *** 0.111 *** g and a vertical seismic acceleration coefficient k_v of *** 0.000 *** g.

Shafts

Materials

Access Tubes and Caps

The first paragraph of Section 9-36.4 is revised to read:

(October 3, 2022 WSDOT GSP)

Access tubes for CSL or TIP testing shall be steel pipe of 0.145 inches minimum wall thickness and at least 1½ inch inside diameter, or shall be Sonitec V2 CSL Tubes manufactured in America by Dextra. Dextra CSL tubes shall use Dextra caps and connectors.

Construction Requirements

Shaft Excavation

Temporary and Permanent Shaft Casing

Section 6-19.3(3)B is supplemented with the following:

(January 2, 2012 WSDOT GSP)
Shaft casing shall be equipped with cutting teeth or a cutting shoe, and installed by either rotating or oscillating the casting. Installing the casing by vibratory means will not be allowed.

Contractor Furnished Accessories for Nondestructive QA Testing

Thermal Wire and Thermal Access Points (TAPs)

Section 6-19.3(6)E is supplemented with the following:

(January 2, 2018 WSDOT GSP)
The thermal wire and associated couplers shall be obtained from the following source:

Pile Dynamics, Inc.
30724 Aurora Road
Cleveland, OH 44139
(216) 831-6131
FAX: (216) 831-0916
www.pile.com

Division 7
Drainage Structures, Storm Sewers, Sanitary Sewers, Water Mains, and Conduits

Water Mains

Materials

Add the following to Section 7-09.2:

(******)

Pipe for main line:

Pre-Insulated HDPE Pipe	9-30.1(6)

Appurtenances:

Bearing Plate for Pre-Insulated Pipe	9-30.1(6)A

Construction Requirements

Connections

Connections to Existing Mains

The following is added to the first paragraph, after the first sentence of 7-09.3(19)A:

(******)

Tribal Water Department requests minimum 1 week notice for connection to existing water.

7-09.3(19)A shall be supplemented with the following:

(******)

HDPE Connection to Existing PVC C900 Water Main

Contractor shall connect HDPE to existing C900 PVC water main as shown on Drawings. Flexible PVD reducing coupling with stainless steel clamps, 24” x 10”.

Measurement

7-09.4 shall be supplemented with the following:

(******)

Measurement for payment for water main crossings under box culverts shall be per each.

Payment

7-09.5 shall be supplemented with the following:

(******)

“Water Main Crossing Under Culvert”, per each.

The unit Contract price per each for each water main crossings under a box culvert shall be full pay for all Work to complete the installation of the crossing as shown on the Drawings, including but not limited to, DI carrier pipe, HDPE pipe, trench excavation, bedding, laying and jointing the pipe, backfill, quarry spalls, flexible rubber boot, and pipe clamps.

Valves for Water Mains

Materials

Add the following to Section 7-12.2:

(******)

Cutting-In Valve	9-30.3(2)
Restraint Coupling	9-30.2(8)

Construction Requirements

Installation of Valve Marker Post

7-12.3(1) shall be supplemented with the following:

(******)

Valve marker paddles shall be placed at 6-feet offset for each water valve.

Payment

Section 7-12.5 is supplemented with the following:

(******)

“Cutting-In Valve, 10 In.”, per each.

“Restraint Coupling”, per each.

Division 8
Miscellaneous Construction

Erosion Control and Water Pollution Control

Construction Requirements

General

The tenth paragraph of Section 8-01.3(1) is revised to read:

(January 25, 2010 WSDOT GSP)
Erodible Soil Eastern Washington
Erodible soil not being worked whether at final grade or not, shall be covered within the following time period using an approved soil cover practice:

July 1 through September 30	30 days
October 1 through June 30	15 days

Erosion and Sediment Control (ESC) Lead

Item number 3 and 4 in the second paragraph of Section 8-01.3(1)B are revised to read:

(October 3, 2022 WSDOT GSP)

3. Submit to the Engineer no later than the end of the next working day following the inspection a TESC Inspection Report that includes:

    a. When, where, and how BMPs were installed, maintained, modified, and removed.

    b. Observations of BMP effectiveness and proper placement.

    c. Recommendations for improving future BMP performance with upgraded or replacement BMPs when inspections reveal TESC BMP deficiencies.

    d. Identify for each discharge point location whether there is compliance with state water quality standards in WAC 173-201A for turbidity and pH.

Guardrail

Construction Requirements

Section 8-11.3 is supplemented with the following:

(October 3, 2022 WSDOT GSP)

Installing Steel Posts on New Box Culverts

Post Installation

See the Contract plans or culvert Working Drawings for the method of steel post attachment to the box culvert (embedded or bolt through). Steel posts shall be installed in accordance with Standard Plan C-20.41 or Standard Plan C-20.43.

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

Additional Box Culvert Guardrail Steel Post Assemblies

For each culvert with embedded or bolt through guardrail steel posts, furnish and deliver one complete set of Box Culvert Guardrail Steel Post Assemblies. Box Culvert Guardrail Steel Post Assemblies shall be delivered to the Contracting Agency locations as listed below:

Box Culvert Designation & Location (SR & MP)	Contracting Agency Delivery Location/Contact Phone Number
*** CONTRACTOR DESIGNED BURIED STRUCTURE NO. 1 ***	*** Yakama Nation to Provide ***
*** CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2 ***	*** Yakama Nation to Provide ***
*** CONTRACTOR DESIGNED BURIED STRUCTURE NO. 3 ***	*** Yakama Nation to Provide ***

A complete set of assemblies will include the following:

When using Embedded Anchor Box Culvert Guardrail Steel Posts (Standard Plan C-20.41):

1. Steel Post and Base Plate Assembly – One replacement post and base plate for each post installed on culvert

2. Embedded Anchor Bolt Assemblies including Four threaded rods, bolts, and resin adhesive for each post installed on culvert

When using Bolt-Thru Anchor Box Culvert Guardrail Steel Posts (Standard Plan C-20.43):

1. Steel Post and Base Plate Assembly – One replacement post and base plate for each post installed on culvert

2. Bottom Plate – One plate for each post installed on culvert

3. Hex Head Bolts, Nuts, & Washers – 4 bolts, 4 nuts, and 8 washers for each post installed on culvert

Provide 48-hours' notice to both the Engineer and the contact(s) listed above prior to delivery. Damaged items will not be accepted and shall be replaced at no cost to the Contracting Agency.

Measurement

Section 8-11.4 is supplemented with the following:

(October 3, 2022 WSDOT GSP)
Box culvert guardrail steel posts type 31 will be measured per each, for each post installed.

Payment

Section 8-11.5 is supplemented with the following:

(October 3, 2022 WSDOT GSP)
"Box Culvert Guardrail Steel Post Type 31", per each.

The unit contract price per each for "Box Culvert Guardrail Steel Post Type 31" shall be full pay for completing the installation of the posts, including obtaining field measurements, excavation, furnishing, placing and compacting the backfill material, and when required, repairing surfacing materials. Beam guardrail will be paid for in accordance with Section 8-11.5.

"Additional Box Culvert Guardrail Steel Post Assemblies", lump sum.

The lump sum contract price for "Additional Box Culvert Guardrail Steel Post Assemblies" shall be full pay to complete the work as specified.

(******)
SECTION 8-30, including title and subsections, is deleted and replaced with the following:

8-30 STREAMS, RIVERS, AND WATERBODIES
8-30.1 DESCRIPTION

This Work consists of construction for streams, rivers and waterbodies of the type specified at the locations and in conformity with the lines and dimensions shown in the Plans or established by the Engineer.

8-30.1(1) Definitions
Blended Streambed Aggregates - the mix of the aggregates with the specified ratios in accordance with the Special Provisions or as shown in the Plans.

Erosion and Scour Protection - this includes the placement of a filter, rock for erosion and scour protection, or both in accordance with the Special Provisions or Plans.

Streambed at Bridge - mix of aggregates and rock for erosion and scour protection with the specified ratios in accordance with these Special Provisions or as shown in Plans.

8-30.2 Materials

Materials for Water Crossings shall meet the following requirements:

Filter Blanket (shall meet the gradation requirements for Permeable Ballast)	9-03.9(2)
Streambed Aggregates	9-03.11
Streambed Sediment	9-03.11(1)
Streambed Fine Sediment	9-03.11(2)
Streambed Sand	9-03.11(3)
Streambed Cobbles	9-03.11(4)
Streambed Boulders	9-03.11(5)
Quarry Spalls	9-13.1
Rock for Erosion and Scour Protection	9-13.4
Construction Geosynthetic	9-33

8-30.2(1) Streambed at Bridge

Streambed at Bridge material shall be blended Streambed Aggregates and Rock for Scour and Erosion Protection comprised of the following materials by weight:

Material	Streambed at Bridge Mix
Streambed Sediment	17% (1 part of 6 total)
Streambed Cobbles 12 in	17% (1 part of 6 total)
Rock for Scour and Erosion Protection Class B	66% (4 parts of 6 total)

At the Contractors discretion, and subject to review and adjustment by the Engineer, and subject to the non-gradation requirements of each individual material listed above, the Streambed at Bridge material may be supplied as a blended mix meeting the following gradation:

Percent Finer (Smaller)	Min. Diameter (in)	Max. Diameter (in)
99.5	22.9	25.9
84	18.3	21.4
50	15.3	17.5
32	4.9	5.6
16	1.2	1.4
10	0.4	0.5
5		0.1

Streambed at Bridge material shall be supplemented with Streambed Sand or, if approved, selected native Common Borrow. Up to 3 inches of Streambed Sand or selected native Common Borrow shall be used for wash per 12 vertical inches of Streambed at Bridge bed material placed at or below channel bed (elevation of bank toe), or as stated in the Plans.

8-30.3 Construction Requirements

8-30.3(1) General Requirements

8-30.3(1)A Stream Preconstruction Meeting

A stream preconstruction meeting shall be held at least 7 calendar days prior to the Contractor beginning streambed and erosion and scour protection construction. The Contractor shall notify the Engineer 14 calendar days prior to the meeting taking place. The purpose of the meeting is to discuss the goals, objectives, intent, streambed construction procedures, erosion and scour protection construction procedures, construction sequence, woody material placement, critical functions during stream work, potential use of native streambed excavation materials, quality control steps to control mixing ratios, personnel, equipment to be used, onsite evaluation and as-built survey for erosion and scour protection, and other elements of construction. Groundwater level anticipated and the Contractor's temporary shoring and dewatering plan shall be discussed.

Prior to the meeting, the Contractor shall submit streambed material source documentation, and a sample of each of the proposed streambed materials (streambed aggregates, boulders, rock for scour and erosion protection) shall be available for inspection by the time of the meeting. Materials may be made available for inspection off-site at quarry/stockpile locations, prior to acceptance and transport to site. The streambed materials shall be inspected and accepted 3 working days prior to beginning the streambed and scour protection work.

Those attending shall include:

1. (Representing the Contractor) The superintendent or on-site supervisors, the Environmental Compliance Lead and other personnel or subcontractors that will have on-site responsibility for in-channel streambed Work.
2. (Representing the Contracting Agency) The Engineer, key inspection personnel, and other key staff as appropriate will be invited by the Contracting Agency.

8-30.3(1)B Onsite Evaluation Meetings

The Engineer and Contractor shall meet and/or be in contact regularly during construction of any channel features, including the erosion and scour protection, streambed, boulders, and Woody Material. The Contractor shall immediately notify the Engineer if conditions encountered vary significantly from those shown in the Plans. The Engineer will provide direction, staking, or adjust the design at the Engineer's discretion, based on actual conditions encountered and/or in locations stated to be field fit in the Plans.

8-30.3(2) Erosion and Scour Protection

Erosion and scour protection when shown in the Plans, shall consist of a filter, rock for erosion and scour protection, or both. The erosion and scour protection layers shall be constructed prior to placement of streambed material, unless explicitly approved by the Engineer.

8-30.3(2)A Stockpiling Material for Erosion and Scour Protection

Material for erosion and scour protection shall be delivered and separated into stockpiles so that each material is placed into its own stockpile.

8-30.3(2)B Excavation for Erosion and Scour Protection

Prior to placement of erosion and scour protection, the prepared surface slopes for erosion and scour protection shall be excavated to lines, grades, and elevations as shown in the Plans. No material shall be placed until the grade is approved by the Engineer. Excavation for the erosion and scour protection and streambed aggregates shall be classified, measured and paid for as channel excavation in accordance with Section 2-03 unless otherwise stated.

8-30.3(2)B1 Excavation at Bridge

Excavation for the erosion and scour protection and streambed at the bridge shall be contained within 5-ft horizontally of the neat line excavation limits shown in the Plans or as approved by the Engineer. If unsuitable native soil and/or high groundwater is encountered, then temporary shoring and/or dewatering shall be used to contain the Channel Excavation limits. The erosion and scour protection and streambed work may be performed in the wet, with significant excavation and backfill below groundwater level. If high groundwater is encountered then the erosion and scour protection and streambed may be completely constructed for a small portion of the site at a time within the temporary shoring. The dewatering system is assumed to consist of trash pumps to stabilize groundwater and provide limited drawdown, and does not include a piped multiple well system. The dewatering, temporary shoring and modified Channel Excavation methods shall be classified as Temporary Shoring for Channel at Bridge. The temporary shoring and excavation shall otherwise be performed in accordance with Shoring for Class B Structures as described in Section 2-09.3(4). Refer to the Geotechnical Report and Plans for anticipated soil and groundwater conditions at the Bridge.

8-30.3(2)C Placing Filter for Erosion and Scour Protection

When required in the Plans, the construction of erosion and scour protection involves placement of a filter. This filter shall be placed between the prepared surface and the material for erosion and scour protection. Whether the filter is composed of one or more layers of granular material or made of geotextile, its placement shall result in a continuous installation that maintains the contact with the prepared surface beneath. If multiple layers of different materials are required, they shall be placed using methods that will not cause mixing of the materials in the different layers. The prepared surface should be clean and free of projections, debris, construction materials, and other foreign objects that would prevent the filter from being properly placed. Voids, gaps, tears, or other holes in the filter layer shall be replaced or repaired.

The filter layer shall be placed as shown in the Plans, and according to the following sections:

Construction Geosynthetic	2-12
Quarry Spalls	8-15.3(6)
Filter Blanket	8-15.3(7)

8-30.3(2)D Placing Rock for Erosion and Scour Protection

Rock for erosion and scour protection shall be placed in such a manner to produce a well graded mix with smaller fragments filling the space between the larger rock. The layers shall be placed such that voids are minimized, and that the layers are the specified thickness. When placing rock, the method used shall not stretch, tear, puncture, or reposition the filter layer. Placement of rock shall be from the bottom working toward the top of the slope so that rolling and segregation does not occur.

Erosion and scour protection material placed at or below the adjacent channel bed elevation shall have voids backfilled with selected native Common Borrow unless

otherwise stated in the Plans. If water is available on site from temporary diversion or dewatering then the backfill material shall be washed into the voids subsequent to placement of the erosion and protection material below bed level unless otherwise directed by the Engineer.

8-30.3(2)E As-Built

Prior to placing any material over the erosion and scour protection, an as-built survey of the erosion and scour protection shall be submitted to the Engineer. If the Contractor has collected the as-built survey, confirmed the installation is per Plan, and the Engineer has observed and approved of the erosion and scour protection construction, and pending Engineer approval, the Contractor may submit the as-built survey within 7 calendar days of the completed construction of each separate section of erosion and scour protection.

8-30.3(3) Streambed Aggregates

Streambed at Bridge shall be constructed using the methods of a blended streambed aggregate as described below.

8-30.3(3)A Blending of Streambed Aggregates

Streambed sediment, streambed fine sediment, streambed cobbles, streambed sand, aquitard bedding, and rock for scour and erosion protection material will be separately tested and accepted by the Engineer prior to delivery, placement in a stockpile or blending activities.

After acceptance by the Engineer, streambed aggregates and Streambed at Bridge materials shall be thoroughly blended before placement. Acceptance of the final mixture of blended streambed aggregate will be based upon visual inspection by the Engineer. Contractor shall remix material if sorting occurs during transport or handling, and the material is not well-graded based on inspection, or if so ordered by the Engineer.

Native streambed aggregates may be available from the existing streambed excavation limits as shown in the Contract Plans. Components of the excavated streambed which meet the criteria for the specific material may be used to supplement imported streambed aggregates as approved by the Engineer.

8-30.3(3)B Stockpiling Streambed Aggregates

Streambed aggregates, as described above, shall be blended into single well graded stockpiles separate from other aggregates.

8-30.3(3)C Placement of Streambed Aggregates

8-30.3(3)C1 Placing Blended Streambed Aggregates in Streambed

Blended streambed aggregate shall be placed in the prepared channel excavation to the lines and grades shown on the Plans and in such a way as to prevent material segregation. Blended streambed aggregate shall be placed in lifts no thicker than 12 inches. Streambed at Bridge shall be initially placed in a 12 to 24 inch thick lift with an uneven surface, then washed to fill voids, then backfilled to final grade and washed again. Blended streambed aggregate in its final location shall be a well graded mix and compacted in accordance with Method A of Section 2-03.3(14)C. Placement of

blended streambed aggregate shall be constructed to ensure that stream low flow rate of 30 gallons per minute is conveyed above each channel lift. The Contractor shall apply streambed sand and water at a rate of 30 gallons per minute to each lift to facilitate filling the interstitial voids of the blended streambed aggregate. Adjustment of the low flow rate may be required to ensure that the voids are satisfactorily filled. The voids are satisfactorily filled when the 30 gallons per minute flow rate does not go subsurface and there is no perceivable difference in the low flow rate from upstream of the project limits to the downstream of project limits. The Contractor shall apply water at the 30 gallons per minute flow rate to the stream channel for visual acceptance by the Engineer. Water shall be free from contaminates, chlorination and additives that have a risk on fish and other ecological life.

8-30.3(3)C2 Placing Streambed Boulders

For Streambed Boulders that are to be placed individually and not blended, Streambed Boulders shall be placed as shown in the Plans with adjustment to location and depth as directed or staked by the Engineer. The Streambed Boulders shall be placed during the construction of the streambed, and the Engineer may direct that the Streambed Boulders be installed in conjunction with other stream construction features. The channel grading shall be adjusted to grade micro-topography around the Streambed Boulders as directed by the Engineer, for up to 1 CY of grading per Boulder on average.

8-30.3(3)C3 Placing Blended Streambed Aggregates in Streambank

Blended streambed aggregate placed in the streambanks shall be placed in lifts no thicker than 12 inches. Streambed at Bridge shall be placed in the streambanks in lifts no thicker than 30 inches. The Contractor shall compact each lift to be uniformly dense and unyielding, in accordance with Method A of Section 2-03.3(14)C and/or as approved by the Engineer.

8-30.3(3)D Additional Streambed Grading

Changes to the streambed may be directed by the Engineer at the streambed evaluation meeting.

8-30.3(3)E Placement of Excess Stockpiled Common Borrow

If excess selected native Common Borrow remains stockpiled subsequent to construction and washing of the streambed, the excess material may be placed to fill voids in the streambed or scour and erosion protection material above the streambed elevation. The backfill of voids shall not be performed until the design material has been placed, inspected and approved by the Engineer.

8-30.4 Measurement

Streambed Sediment, Streambed Fine Sediment, Streambed Sand, and Streambed Cobbles will be measured per ton prior to blending.
Streambed Boulders will be measured per each.
Rock for Erosion and Scour Protection will be measured by the ton or cubic yard of rock actually placed.
Filter blanket will be measured in accordance with Section 8-15.4.
Quarry spalls will be measured in accordance with Section 8-15.4.
Channel Excavation will be measured in accordance with Section 2-03.4.
Construction geotextile will be measured in accordance with Section 2-12.4.
Streambed at Bridge will be measured by cubic yard.

No specific unit of measure shall apply to the lump sum item of Temporary Shoring for Channel at Bridge.

8-30.5 Payment

Payment will be made for each of the following Bid items that are included in the Proposal:

"Streambed Sediment", per ton.
"Streambed Fine Sediment", per ton.
"Streambed Sand", per ton.
"Streambed Cobbles __ In.", per ton.
The unit Contract price per ton for "Streambed Sediment", "Streambed Fine Sediment", "Streambed Sand" and "Streambed Cobbles __ In.", shall be full payment for all costs to perform the Work as specified including blending of streambed aggregates and watering in each lift, including supply and application of water to facilitate filling the interstitial voids.

"Streambed Boulders Type __", per each.
The unit Contract price per each shall be full payment for all costs to perform the Work as specified including blending of streambed aggregates and watering in each lift, including supply and application of water to facilitate filling the interstitial voids.

"Additional Streambed Grading", by Force Account in accordance with 1-09.6.
For the purpose of providing a common Proposal for all Bidders, the Contract Agency has entered an amount for the item "Additional Streambed Grading" in the Bid Proposal to become a part of the total bid by the Contractor.

When native materials are approved for use, the Contracting Agency will compensate the Contractor by change order in accordance with Section 1-04.4.

"Rock for Erosion and Scour Protection Class ___", per ton, or cubic yard.
The unit Contract price per ton, or cubic yard for "Rock for Erosion and Scour Protection Class ___" shall be full payment for all costs to perform the Work.

Filter Blanket will be paid for in accordance with Section 8-15.5.
Quarry Spalls will be paid for in accordance with Section 8-15.3(6).
Channel Excavation will be paid for in accordance with Section 2-03.5.
Construction Geotextile for Separation will be paid for in accordance with Section 2-12.5.

"Streambed at Bridge", per cubic yard.
The unit Contract price per cubic yard for "Streambed at Bridge" shall be full payment for all costs to perform the Work as specified including streambed aggregate and rock for erosion and scour protection materials, blending of streambed aggregates, Streambed Sand or select native Common Borrow placement, and watering in each lift, including supply and application of water to facilitate filling the interstitial voids.

"Temporary Shoring for Channel at Bridge", lump sum.
The lump sum Contract price shall be full pay for all costs to perform the Work as specified including dewatering, shoring, materials, transport, extra excavation, backfill, and compaction.

(******)

FIELD OFFICE BUILDING

Description

This work shall consist of furnishing and setting-up a temporary office building for the sole use of the Contracting Agency.

Construction Requirements

The building shall be set-up, at the location designated by the Engineer, within the first 10 working days, unless the Engineer has approved a different schedule.

The building shall be weather-tight, installed plumb and level, and provided with the following as a minimum:

1. 240 square feet of floor space
2. Above ground floor
3. Heat/AC
4. Electric lights
5. Two desks
6. Adequate windows with window protection
7. Six square feet of shelving
8. Plan table: 3 feet 6 inches deep by 6 feet wide by 3 feet 3 inches high
9. Drafting stool
10. Conference table: 4 foot by 8 foot
11. Four chairs
12. Cylinder door lock and six keys
13. Sanitary facilities (unless existing facilities are available)
14. Combination Printer/Copier/Scanner (8.5x11 paper, 11x17 paper and color printing)
15. Hi-Speed Data Connection (Minimum 2GB Upload Speed)

The building shall remain the property of the Contractor and removed from the site upon physical completion of the contract, or when designated by the Engineer.

Payment

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

"Field Office Building", lump sum.

The lump sum contract price for "Field Office Building" shall be full pay for furnishing, installing, maintaining, and removing the facility, including all costs associated with all required utility hook-ups and disconnects, and monthly utility charges for all utilities except telephone.

The monthly telephone costs will be paid by the Contracting Agency.

Division 9
Materials

Erosion Control and Roadside Planting

Topsoil Type A

9-14.2(1) shall be supplemented with the following:

(******)

Topsoil Type A shall be sandy loam material taken from within the project limits. Contractor shall stockpile material in locations designated by Engineer.

Seed

9-14.3 shall be supplemented with the following:

(******)

Seed mix shall be the Tribally Approved mix meeting the following:

Common Name	Scientific Name	Percent of Whole Mix
Bluebunch wheatgrass	Psuedorogneria spicata	40%
Sandberg bluegrass	Poa secunda	40%
Basin wildrye	Leymus cinereus	10%
Idaho fescue	Festuca idahoensis	10%

Seeding rate is 60 lbs/acre.

Water Distribution Materials

Pipe

Polyethylene (PE) Pressure Pipe (4 inches and Over)

9-30.1(6) shall be supplemented with the following:

(******)

Where indicated on plans, Contractor shall install pre-insulated HDPE pipe. Pre-insulated pipe shall include 2-inches of polyurathene insulation and 0.040 inch aluminum jacket. Product shall be GF Urecon U.I.P, or approved equal.

Add 9-30.1(6)A as follows:

(******)

Bearing Plate for Pre-Insulated Pipe

Contractor shall provide bearing plates for pre-insulated pipe in locations indicated on Drawings. Bearing plates shall be 14 GA galvanized steel, 24” length, 14” diameter (Anvil International, FIG 167 shield size, 16.c, 14” OD, or approved equal).

Fittings

Restrained Flexible Couplings

9-30.2(8) shall be supplemented with the following:

(******)
Restraint coupling shall be Romac Industries, Inc. Alpha-A-11.20, or approved equal.

Valves

Vacant
9-30.3(2) shall be replaced with the following:

(******)
Cutting-In Valves
Cutting-In Valves shall be installed in locations indicated in Drawings. Cutting-In Valves shall be 10" MJ gate valves meeting 9-30.3(1). Valves shall be Clow, Kennedy, M&H, or approved equal.

Valve Marker Posts

9-30.3(5) shall be supplemented with the following:

(******)
Valve marker posts shall be Rhino Hybrid 3-Rail 66" Marker, color/finish of blue, or approved equal.

Combination Air Release/Air Vacuum Valves

9-30.3(7) shall be supplemented with the following:

(******)
Air relief valve shall be installed with tapping saddle. Tapping saddle assembly shall be rated for HDPE DR 9 pipe and shall have ductile iron saddle body meeting ASTM A 536, Grade 65-45-12. Tapping saddle gasket shall be NSF 61 approved Nitrile Butadine Rubber (NBR). Tapping saddle shall be furnished with stainless steel spring-lock washers.

(May 5, 2025 WSDOT GSP)
Standard Plans

The Washington State Department of Transportation *Standard Plans* M21-01, published September 2024, 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)"

A-40.20
Sheet 1, NOTES 1, 2, 3, and 4 are replaced with the following:

1. Use the ½ inch joint details for bridges with expansion length less than 100 feet and for bridges with L type abutments. Use the 1 inch joint details for other applications.

2. Use detail 5, 6, 7 on steel trusses and timber bridges with concrete bridge deck panels.

3. For details 1, 2, 3, and 4, the item “HMA Joint Seal at Bridge End” shall be used for payment. For details 5 and 6, the item “HMA Joint Seal at Bridge Deck Panel Joint” shall be used for payment. For detail 7, the item “Clean and Seal Bridge Deck Panel Joint” shall be used for payment.

Sheet 2, Detail 8 reference to “6-09.3(6)” is revised to read “6-21.3(7)”.

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-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”.

F-10.18

Note 1; “Construct curb joints at 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.”

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-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-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-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-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”

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-30.35-00.....10/12/07	A-50.10-02 .....7/18/24
A-10.20-00.....10/5/07	A-40.00-01.....7/6/22	A-50.40-01 .....8/17/21
A-10.30-00.....10/5/07	A-40.10-04.....7/31/19	A-60.10-03 ..... 12/23/14
A-20.10-00.....8/31/07	A-40.15-00.....8/11/09	A-60.20-03 ..... 12/23/14
A-30.10-00.....11/8/07	A-40.20-04.....1/18/17	A-60.30-01 .....6/28/18
A-30.30-01.....6/16/11	A-40.50-03..... 9/12/23	A-60.40-00 .....8/31/07

B-5.20-03..... 9/9/20	B-30.50-03 ..... 2/27/18	B-75.20-03 ..... 8/17/21
B-5.40-02.....1/26/17	B-30.60-00 ..... 9/9/20	B-75.50-02 ..... 3/15/22
B-5.60-02.....1/26/17	B-30.40-03 ..... 2/27/18	B-70.60-01 ..... 1/26/17
B-10.20-03.....8/23/23	B-30.70-04 ..... 2/27/18	B-75.60-00 ..... 6/8/06
B-10.40-02.....8/17/21	B-30.80-01 ..... 2/27/18	B-80.20-00 ..... 6/8/06
B-10.70-03.....8/23/23	B-30.90-02 ..... 1/26/17	B-80.40-00 ..... 6/1/06
B-15.20-01..... 2/7/12	B-35.20-00 .....6/8/06	B-85.10-01 ..... 6/10/08

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-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-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

1

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

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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
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