CHELAN COUNTY PUBLIC WORKS DEPARTMENT

CRP 727
MISSION CREEK ROAD PRESERVATION

Contract Provisions and Plans

March 2021

MISSION CREEK ROAD PRESERVATION

County Road Project No. 727 (CRP 727)

Bid Opening: March 23, 2021 @ 9:30:00 A.M. Pacific Time

PS&E/Design Approved By:
Eric Pierson, PE
Chelan County Engineer/Public Works Director

2/22/2021

PS&E/Design Approved By:
Paula Cox, PE
Assistant Chelan County Engineer

2/22/2021

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BIDDING INSTRUCTIONS

The Bidder's attention is called to the following forms. In order to be considered for award the sealed bid must contain all forms fully completed, signed and submitted together as the Bid Proposal Package prior to the time of bid opening.

A. BIDDING CHECKLIST

Please check to make sure you have completed and submitted the following documents:

1. _____ **Bid Proposal -** Bidders must bid on all bid items contained in the Proposal. The omission or deletion of any bid item will be considered irregular and may be cause for rejection of the bid.

2. _____ **Proposal Signature Page**

3. _____ **Bid Proposal Bond or Bid Deposit –** The amount of the bid bond or bid deposit shall not be less than five percent (5%) of the total amount of the bid.

4. _____ **Bidder Information & References Sheet**

5. _____ **Bonding and Claims Disclosure**

6. _____ **Certification of Compliance with Wage Payment Statutes (DOT Form 272-009)**

7. _____ **Non-Collusion Declaration (DOT Form 272-036I)**

8. _____ **Disadvantaged Business Enterprise (DBE) Written Confirmation (DOT Form 422-031), when applicable**

9. _____ **Disadvantaged Business Enterprise Utilization Certification (DOT Form 272-056), when applicable**

10. _____ **Local Agency Subcontractors List (DOT Form 271-015A), when applicable**

Chelan County will accept only those Proposals properly executed on the authorized prepared forms supplied by the County and in compliance with Section 1-02.6 "Preparation of Proposal" of the contract specifications. A Bidder's failure to fully complete, execute, and submit together all of the above documents shall be cause for the County to consider the Proposal irregular and to be rejected.

Any alteration not initialed by the Bidder may be cause for deeming the bid proposal irregular and rejecting of the bid.

Proposal forms shall be completed by typing or shall be printed in ink by hand.

B. WITHDRAWING, REVISING, OR SUPPLEMENTING PROPOSAL

Any withdrawing, revising or supplementing of proposal shall follow the requirements of Section 1-02.10 of the contract provisions. Any unsealed clarification information received by the Clerk which discloses price will not be considered by the Board of Chelan County Commissioners and shall result in rejection of the entire bid.

C. CONTRACT DOCUMENTS FOLLOWING AWARD

The successful Bidder shall fully and timely complete, execute and submit the following documents to Chelan County Public Works.

1. Contract – The written contract to be executed by the successful Bidder.

2. Payment and Performance Bond - To be executed by the successful Bidder and the Bidder's Surety.

3. Certificate of Insurance - To be executed by the successful Bidder's Insurance Company.

4. Information for DBE Contractors, when applicable:

   I. Additional information for all successful DBE's as shown on the Disadvantaged Business Enterprise Utilization Certification:

   - Correct business name, federal employee identification number (if available), and mailing address.
   - A list of all bid items assigned to each successful DBE firm, including unit prices and extensions.
   - A description of partial items (if any) to be sublet to each successful DBE firm specifying the distinct elements of work under each item to be performed by the DBE and including the dollar value of the DBE portion.

   II. A list of all firms who submitted a Bid or Quote in an attempt to participate in this project whether they were successful or not. Include the business name and a mailing address.

D. BID OPENING PROCDURE

Due to COVID-19 restrictions this public meeting will be held via **Zoom Video Conference**. People wishing to view the bid opening, can find the log in information on the Chelan County website under the Board of County Commissioners' web page.

CALL FOR BIDS
Mission Creek Road Preservation
CRP 727

Sealed bids will be received by the Board of Chelan County Commissioners at their office at 400 Douglas Street, Wenatchee, Washington 98801 until **9:30:00 A.M. on March 23, 2021**, and there publicly opened and read as soon thereafter as the matter may be heard for:

> This Contract provides for the improvement of Mission Creek Road Preservation, by constructing pulverizing existing pavement and base, pulverizing and mixing cement base, roadway excavation, crushed surfacing, HMA, guardrail, permanent signing, project temporary traffic control, roadside cleanup and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

The Chelan County in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

Project plans and specifications may be viewed at **www.co.chelan.wa.us/public-works**. A hard copy of the Project plans and specifications can be obtained from the office of the Chelan County Public Works Department, at 316 Washington Street, Suite 402, Wenatchee, Washington 98801. Public Works' telephone number is **509.667.6415.** A **non-refundable** $50.00 fee is required in advance for each hard copy of the plans.

A bid deposit in the amount of 5% of the bid shall accompany each bid. Each bid shall be submitted in a sealed envelope marked on the outside as follows: **"SEALED BID FOR CRP 727, Mission Creek Road Preservation,"** on the outside of the envelope.

Bidders are advised to read all pertinent provisions regarding the submittal of DBE documentation.

The Board of Chelan County Commissioners reserves the right to reject any or all bids for cause.

Dated at Wenatchee, Washington this 23rd day of February, 2021.

CHELAN COUNTY Commissioners SEAL STATE OF WASHINGTON

BOARD OF COUNTY COMMISSIONERS

BOB BUGERT, Chairman

KEVIN OVERBAY, Commissioner

ATTEST: CARLYE BAITY

Clerk of the Board

TIFFANY GERING, Commissioner

Publish: Wenatchee World February 23, 2021 and March 13, 2021
Charge: Chelan County Public Works, 316 Washington Street, Suite 402, Wenatchee, WA 98801

BID PROPOSAL

Mission Creek Road Preservation
CRP 727

To: Board of Chelan County Commissioners
400 Douglas Street, Wenatchee, Washington 98801

The undersigned certify that they have examined the location of the Mission Creek Road Preservation, County Road Project No. 727 (CRP 727) and read and thoroughly understand the plans, specifications and contract governing the work embraced in this improvement or as much thereof as can be completed with the money available, in accordance with the said plans, specifications, contract and the following schedule:

NOTE: Unit prices for all items, all extensions, and total amount of bid, shall be shown.

ITEM NO.	QTY.	UNIT	CONTRACT ITEMS	UNIT PRICE Dollars	AMOUNT Dollars
1	1.00	L.S.	MOBILIZATION		
2	1.00	L.S.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS		
3	681.25	L.F.	REMOVING GUARDRAIL		
4	4.00	EACH	REMOVING GUARDRAIL ANCHOR		
5	350.00	C.Y.	ROADWAY EXCAVATION INCL. HAUL		
6	82.00	S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL		
7	35725.00	S.Y.	PULVERIZING EXISTING PAVEMENT AND BASE		
8	36350.00	S.Y.	PULVERIZING AND MIXING CEMENT BASE		
9	4.87	M.I.	SHOULDER FINISHING		
10	520.00	TON	CRUSHED SURFACING BASE COURSE		
11	7925.00	TON	HMA CL. 3/8 IN. PG 64-28		
12	140.00	TON	COMMERCIAL HMA		
13	1.00	CALC.	JOB MIX COMPLIANCE PRICE ADJUSTMENT		
14	1.00	CALC.	COMPACTION PRICE ADJUSTMENT		
15	74.00	L.F.	HMA SAWCUT AND SEAL		
16	6.00	DAY	ESC LEAD		
17	500.00	EST.	EROSION/WATER POLLUTION CONTROL	$1.00	$500.00
18	475.00	L.F.	BEAM GUARDRAIL TYPE 31 – 8 FT. LONG POST		
19	4.00	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 23		

ITEM NO.	QTY.	UNIT	CONTRACT ITEMS	UNIT PRICE Dollars	AMOUNT Dollars
20	2.00	EACH	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL		
21	2.00	EACH	BEAM GUARDRAIL ANCHOR TYPE 10		
22	12950.00	L.F.	PAINT LINE		
23	25900.00	L.F.	PAINTED 6 IN. WIDE LINE		
24	16.00	EACH	PAINTED DRAINAGE MARKING		
25	25720.00	L.F.	TEMPORARY PAVEMENT MARKINGS – SHORT DURATION		
26	18.00	EACH	FLEXIBLE GUIDE POST		
27	1.00	L.S.	PERMANENT SIGNING		
28	1.00	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL		
29	149.00	S.F.	CONSTRUCTION SIGNS CLASS A		
30	15.00	EACH	MONUMENT CASE AND COVER		
31	9.00	EACH	MAILBOX SUPPORT TYPE 1		
32	15.00	EACH	MAILBOX SUPPORT TYPE 2		
33	2500.00	EST.	FORCE ACCOUNT UNKNOWN UTILITY REPAIR	$1.00	$2500.00
34	2000.00	EST.	ROADSIDE CLEANUP	$1.00	$2000.00
35	1.00	L.S.	SPCC PLAN		
36	690.00	TON	PORTLAND CEMENT TYPE II		
37	36350.00	S.Y.	MICROCRACKING AND CURING CEMENT BASE		
				TOTAL: $_____	

PROPOSAL SIGNATURE PAGE

To the Board of Chelan County Commissioners:

The undersigned Bidder hereby certifies that the Bidder has examined the construction site and has read and thoroughly understands the Project plans, specifications, addenda and contract governing the work and the manner by which payment will be made for such work.

The Bidder hereby acknowledges that by execution of this Bid Proposal Form the Bidder has agreed to all bidding requirements, has fully executed all required bidding documents, and agrees to fully and completely perform all work required under the plans, specifications, addenda and contract if awarded the contract.

A bid deposit of five percent (5%) of the total bid based upon the approximate estimate of quantities at the above prices and in the form as indicated below is attached hereto:

☐ Cashier's Check _____ Dollars

☐ Certified Check ($_____) Payable to Treasurer of Chelan County, Washington

☐ Proposal Bond In the amount of 5% of the Bid

Checks must be payable to the Treasurer of Chelan County, Washington and should reference the project number and name.

Receipt is hereby acknowledged of Addendum(s) No(s). _____, _____, _____ and _____.

Printed Bidder Name		Mailing Address	
Authorized Signature	City	State	Zip Code
Printed Name of Signatory	Title	Telephone	Fax

Note:

(1) This proposal form is not transferable and any alteration of the Bidder's name entered hereon without prior permission from Chelan County will be cause for considering the proposal irregular and subsequent rejection of the bid.

(2) Please refer to section 1-02.6 of the contract specifications, re: "Preparation of Proposal".

BID PROPOSAL BOND

Bond No. _____

KNOW ALL PERSONS BY THESE PRESENTS,

That we, of _____ as principal, and the _____ a corporation duly organized under the laws of the State of _____, and authorized to do business in the State of Washington, as surety, are held and firmly bound unto Chelan County in the full and penal sum of five (5) percent of the total amount of the bid proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind our heirs, executors, administrators and assigns, and successors and assigns, firmly by these presents.

The condition of this bond is such, that whereas the principal herein is herewith submitting his or its sealed proposal for the following highway construction, to wit:

> The Chelan County Road Project No. 727 (CRP 727) provides for the improvement of Mission Creek Road Preservation, by constructing pulverizing existing pavement and base, pulverizing and mixing cement base, roadway excavation, crushed surfacing, HMA, guardrail, permanent signing, project temporary traffic control, roadside cleanup and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications, and addenda thereto

said bid and proposal, by reference thereto, being made a part hereof.

NOW, THEREFORE, If the said proposal bid by said principal be accepted, and the contract be awarded to said principal, and if said principal shall duly make and enter into and execute said contract and shall furnish bond as required by Chelan County within a period of ten (10) days from and after said award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall remain and be in full force and effect.

IN TESTIMONY WHEREOF, The principal and surety have caused these presents to be signed and sealed this _____ day of _____, _____.

WITNESS our hands this _____ day of _____, _____.

_____	_____
Type or Print: Principal's Name	Type or Print: Surety's Name
_____	_____
Signature: Principal or Authorized Officer	Signature: Surety or Authorized Agent
	_____
	Attorney-in-Fact, Surety

BIDDER INFORMATION & REFERENCES SHEET

A. BIDDER:

_____ _____

Bidder Name (Exactly as Registered in Washington) Telephone Number

_____

Address

_____ _____ _____

City State Zip Code

_____ _____

State of Washington Contractor's License Number Expiration Date

_____ _____

Federal Tax Number UBI Number

Sole Proprietorship _____ Partnership_____ Corporation/type_____

Joint Venture _____ LLC_____ Other (specify)_____

Names of all principals, officers, partners, joint venturers or members:

_____

_____

B. REFERENCES

Provide references for three comparable projects constructed by Bidder within previous five years. A separate page maybe attached, provided it contains the information below.

	Project Name	Agency	Contact & Phone Number	Year Completed	Bid Amount
1					
2					
3					

BONDING AND CLAIMS DISCLOSURE

Bonding Company Name (Exactly as Registered) for Bidder's Continuous Contractor's Surety Bond

Address

City | State | Zip Code

Registration Bond No. | $ Amount | Expiration Date

1. Are there claims pending against the Bidder's Continuous Contractor's Surety Bond? ☐ Yes ☐ No

If yes, what are each claimant's name, reasons for the claim, and amount claimed and the date and place of filing?

2. Have there been tax liens or judgments against the Bidder filed by the Internal Revenue service, Department of Revenue, Employment Security Department or Department of Labor & Industries within the last three years resulting from non-payment of employee taxes? ☐ Yes ☐ No

If yes, what date and in which county did each filing occur?

3. Are there any lawsuits or unsatisfied judgments pending against the Bidder? ☐ Yes ☐ No

If yes, what date and in which county is each lawsuit pending or judgment entered?

Washington State
Department of Transportation

Contractor Certification
Wage Law Compliance - Responsibility Criteria
Washington State Public Works Contracts

FAILURE TO RETURN THIS CERTIFICATION AS PART OF THE BID PROPOSAL PACKAGE WILL MAKE THIS BID NONRESPONSIVE AND INELIGIBLE FOR AWARD

I hereby certify, under penalty of perjury under the laws of the State of Washington, on behalf of the firm identified below that, to the best of my knowledge and belief, this firm has NOT been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48, or 49.52 within three (3) years prior to the date of the Call for Bids.

Bidder Name: _____
Name of Contractor/Bidder - Print full legal entity name of firm

By: _____ _____
Signature of authorized person — Print Name of person making certifications for firm

Title: _____ **Place:** _____
Title of person signing certificate — Print city and state where signed

Date: _____

Form 272-009
08/2017

Failure to return this Declaration as part of the bid proposal package will make the bid nonresponsive and ineligible for award.

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.**

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

SR

DOT Form 272-036I EF 07/2011

Local Agency Name
Local Agency Address

Local Agency Subcontractor List

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Project Name _____

Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW **must** be listed below. The work to be performed is to be listed below the subcontractor(s) name.

To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.

Subcontractor Name _____
Work to be Performed _____

Subcontractor Name _____
Work to be Performed _____

Subcontractor Name _____
Work to be Performed _____

Subcontractor Name _____
Work to be Performed _____

Subcontractor Name _____
Work to be Performed _____

* Bidder's are notified that is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc, are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.

SR

DOT Form 271-015A EF
Revised 08/2012

CONTRACT DOCUMENTS

CONTRACT

THIS CONTRACT is entered into between Chelan County, Washington, (the "Contracting Agency"), whose address is 316 Washington Street, Suite 402, Washington, 98801, and (Contractor Name)_____ whose address is _____ hereinafter the "Contractor".

WITNESSETH:

In consideration of the terms and conditions contained herein and the attached documents which are made a part of this contract by this reference, the parties hereto agree as follows:

1. **Description of the Work.** The Contractor shall do all work and furnish all tools, materials, and equipment for Mission Creek Road Preservation CRP727, by constructing pulverizing existing pavement and base, pulverizing and mixing cement base, roadway excavation, crushed surfacing, HMA, guardrail, permanent signing, project temporary traffic control, roadside cleanup and other work, all in accordance with the attached contract plans, these contract provisions, and the standard specifications, and addenda thereto.

2. **Standard specifications.** Except as expressly provided in the project contract provisions and plans incorporated herein, the 2021 Standard Specifications for Road, Bridge and Municipal Construction, State of Washington, Department of Transportation (the "Standard Specifications"), is adopted and incorporated into this Contract by this reference. All work shall be in accordance with the Standard Specifications and as described in the plans, specifications and addenda hereby incorporated by this reference as though fully set forth.

3. **Scope of the Work.** The County hereby employs the Contractor to provide all labor, materials and equipment to do and complete the above-described work according to the Standard Specifications, attached plans, specifications and addenda and the terms and conditions herein contained. The Contractor shall provide and bear the expense of all work and labor, material and equipment of any kind whatsoever that may be required for constructing and completing the work provided for in this Contract and every part thereof, except such as are expressly furnished by the County according to the plans, specifications and addenda. The Contractor does hereby agree to fully and completely perform all the terms, conditions and promises contained in this Contract, the plans, specifications and addenda and the Standard Specifications, as well as all other requirements of federal and state law and regulations pertaining to the work to be performed.

4. **Payment.** The County agrees to pay for the Work according to the Standard Specifications and at such time, in such manner and upon such conditions as provided for in the Standard Specifications.

5. **Alterations to Work; Additional Work**. The County further agrees to employ the Contractor to perform any alterations in or additions to the work provided for in this Contract that may be ordered in writing and to pay for the same under the terms of this Contract and the Standard Specifications.

6. **Venue.** Any action, suit, or judicial proceeding for the enforcement of this Contract shall be brought in the Superior Court for the State of Washington in Chelan County, Washington.

7. **Complete Contract.** This Contract contains all terms and conditions agreed upon by the parties. No change or addition to this Contract shall be valid or binding upon either party unless such change or addition is in writing and executed by both parties.

IN WITNESS WHEREOF, the Contractor has executed this Contract and the Board of County Commissioners has caused this Contract be executed by, and in the name of Chelan County, Washington

Dated this _____day of _____, 2021.

CONTRACTOR:

(Name)

By :_____

_____
(Print Name)

_____
Title

_____
Address

_____
City State Zip

Dated at Wenatchee, Washington this _____ day of _____, 2021.

BOARD OF COUNTY COMMISSIONERS

_____
BOB BUGERT, Chairman

_____
KEVIN OVERBAY, Commissioner

_____
TIFFANY GERING, Commissioner

ATTEST: CARLYE BAITY

_____
Clerk of the Board

Date: _____

APPROVED AS TO FORM

_____
ROBERT W. SEALBY
Deputy Prosecuting Attorney

Date: _____

APPROVED:

_____
ERIC P. PIERSON, P.E.
Director/County Engineer

Date: _____

PAYMENT AND PERFORMANCE BOND

Bond No. _____

KNOW ALL PERSONS BY THESE PRESENTS:

That _____ of _____,

as Principal, and _____ as Surety, are jointly and severally held and bound unto Chelan County, Washington, in the full penal sum of:

_____
($_____).

We jointly and severally bind ourselves, our heirs, successors and assigns, by these presents.

WHEREAS, on the _____ day of _____, 2021, the Principal executed a certain contract with Chelan County, Washington, by the terms, conditions and provisions of which, the Principal, agrees to furnish all labor, material, and equipment for certain public work, to wit:

The Principal will undertake and complete the following project:

> The Chelan County Road Project No. (CRP 727) Mission Creek Road Preservation, by constructing pulverizing existing pavement and base, pulverizing and mixing cement base, roadway excavation, crushed surfacing, HMA, guardrail, permanent signing, project temporary traffic control, roadside cleanup and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications, and addenda thereto.
>
> All according to the 2021 Standard Specifications for Road, Bridge and Municipal Construction, State of Washington, Department of Transportation, and the plans, specifications and addenda thereto
>
> A copy of the executed contract and all specifications plans and addenda are incorporated herein by this reference as though fully set forth herein.

NOW, THEREFORE, the conditions of this bond are such that, if the Principal shall fully and completely:

1) comply with and perform all the terms, conditions, and promises of the contract;

2) furnish all labor, materials and equipment necessary to perform all work under the contract, and do so within the time required under the contract;

3) indemnify, defend and hold Chelan County harmless against any and all direct or indirect claims for damages to persons or property caused by or arising from the

acts or omissions of the Contractor or any of the Contractor's employees, agents or subcontractors;

4) pay all persons and entities furnishing labor, materials and/or equipment for performance of any work under the contract, whether furnished directly or indirectly to the Contractor;

5) perform the contract according to law, and

6) continue to diligently and continuously perform all the foregoing conditions until final acceptance of the work by Chelan County;

THEN AND ONLY THEN, this obligation shall be null, void and fully discharged.

WITNESS our hands this ____ day of _____, 2021.

_____
Type or Print: Principal's Name:

_____
Signature: Principal or Authorized Officer

_____
Type or Print: Surety's Name

_____
Signature: Surety or Authorized Officer-Agent

_____
Signature: Attorney in Fact, Surety

_____
Licensed (Resident) Agent or Surety Company

_____
Name and Address, Local Office of Agent

CERTIFICATE OF INSURANCE

This is to certify that the _____
Insurance Company

of_____
City State Zip

has issued policies of insurance, as described below and identified by policy number, to the insured named below and to certify that such policies are in full force and effect at this time. Chelan County, Washington has been named as an additional named insured on all such policies. It is agreed that none of these policies may be canceled or reduced in coverage without thirty (30) days prior written notice, served by certified mail, return receipt requested, and received by Chelan County, Board of County Commissioners, 400 Douglas Street, Wenatchee, Washington.

1. Insured: _____

2. Address: _____

3. Status of Insured: Corporation _____ Partnership _____
Individual _____ Joint Venture _____

4. Location of Operations Insured: _____

5. Description of Operations Insured: _____
_____

INSURANCE POLICIES IN FORCE

Indicate Form of Coverage, Policy Number and Policy Expiration Date

Commercial General Liability

_____

Automobile Liability

_____

Railroad Protective Liability

_____

Policies include coverage for:	YES	NO
Damage caused by blasting, collapse or structural injury or damage to underground utilities?	___	___
Liability assumed in construction agreements and other types of contracts or the insured operations?	___	___
All owned, hired or non-owned automotive equipment used in connection with the insured operations?	___	___

LIMITS OF LIABILITY

Form of Coverage

Commercial General Liability	Each Occurrence $_____	General Aggregate $_____
	Products & Completed Operations Aggregate $_____	
	Personal & Advertising Injury Each Offence $_____	
	Stop/ Gap Employers' Liability Each Accident $_____	
Automobile Liability	Combined Single Limit Each Accident $_____	
Railroad Protective Liability	Per Occurrence $_____	Per Aggregate $_____

Date: _____

Issued: _____

_____
Insurance Company

_____
Authorized Representative Signature

STATE
PREVAILING WAGE RATES

State of Washington
Department of Labor & Industries

Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 03/23/2021

County	Trade	Job Classification	Wage	Holiday	Overtime	Note	*Risk Class
Chelan	Asbestos Abatement Workers	Journey Level	$42.32	7A	4V	8Y	View
Chelan	Boilermakers	Journey Level	$70.79	5N	1C		View
Chelan	Brick Mason	Journey Level	$51.84	5A	1M		View
Chelan	Building Service Employees	Janitor	$13.69		1		View
Chelan	Building Service Employees	Shampooer	$13.69		1		View
Chelan	Building Service Employees	Waxer	$13.69		1		View
Chelan	Building Service Employees	Window Cleaner	$13.69		1		View
Chelan	Cabinet Makers (In Shop)	Journey Level	$22.09		1		View
Chelan	Carpenters	Acoustical Worker	$49.27	7E	4X	8N	View
Chelan	Carpenters	Bridge, Dock And Wharf Carpenters	$64.94	7A	4C		View
Chelan	Carpenters	Floor Layer & Floor Finisher	$49.27	7E	4X	8N	View
Chelan	Carpenters	Form Builder	$49.27	7E	4X	8N	View
Chelan	Carpenters	General Carpenter	$49.27	7E	4X	8N	View
Chelan	Carpenters	Heavy Construction Carpenter	$54.48	7E	4X	9E	View
Chelan	Carpenters	Scaffold/Shoring Erecting & Dismantling	$54.48	7E	4X	8N	View
Chelan	Cement Masons	Journey Level	$46.83	7B	1N		View
Chelan	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	$118.80	7A	4C		View
Chelan	Divers & Tenders	Dive Supervisor/Master	$81.98	7A	4C		View
Chelan	Divers & Tenders	Diver	$118.80	7A	4C	8V	View
Chelan	Divers & Tenders	Diver On Standby	$76.98	7A	4C		View
Chelan	Divers & Tenders	Diver Tender	$69.91	7A	4C		View
Chelan	Divers & Tenders	Manifold Operator	$69.91	7A	4C		View
Chelan	Divers & Tenders		$74.91	7A	4C		View

		Manifold Operator Mixed Gas					
Chelan	Divers & Tenders	Remote Operated Vehicle Operator/Technician	$69.91	7A	4C		View
Chelan	Divers & Tenders	Remote Operated Vehicle Tender	$65.19	7A	4C		View
Chelan	Dredge Workers	Assistant Engineer	$70.62	5D	3F		View
Chelan	Dredge Workers	Assistant Mate (Deckhand)	$70.07	5D	3F		View
Chelan	Dredge Workers	Boatmen	$70.62	5D	3F		View
Chelan	Dredge Workers	Engineer Welder	$71.97	5D	3F		View
Chelan	Dredge Workers	Leverman, Hydraulic	$73.41	5D	3F		View
Chelan	Dredge Workers	Mates	$70.62	5D	3F		View
Chelan	Dredge Workers	Oiler	$70.07	5D	3F		View
Chelan	Drywall Applicator	Journey Level	$49.27	7E	4X	8N	View
Chelan	Drywall Tapers	Journey Level	$44.38	7E	1P		View
Chelan	Electrical Fixture Maintenance Workers	Journey Level	$13.69		1		View
Chelan	Electricians - Inside	Cable Splicer	$77.01	7H	1E		View
Chelan	Electricians - Inside	Construction Stock Person	$37.59	7H	1D		View
Chelan	Electricians - Inside	Journey Level	$72.77	7H	1E		View
Chelan	Electricians - Motor Shop	Craftsman	$15.37		1		View
Chelan	Electricians - Motor Shop	Journey Level	$14.69		1		View
Chelan	Electricians - Powerline Construction	Cable Splicer	$82.39	5A	4D		View
Chelan	Electricians - Powerline Construction	Certified Line Welder	$75.64	5A	4D		View
Chelan	Electricians - Powerline Construction	Groundperson	$49.17	5A	4D		View
Chelan	Electricians - Powerline Construction	Heavy Line Equipment Operator	$75.64	5A	4D		View
Chelan	Electricians - Powerline Construction	Journey Level Lineperson	$75.64	5A	4D		View
Chelan	Electricians - Powerline Construction	Line Equipment Operator	$64.54	5A	4D		View
Chelan	Electricians - Powerline Construction	Meter Installer	$49.17	5A	4D	8W	View
Chelan	Electricians - Powerline Construction	Pole Sprayer	$75.64	5A	4D		View
Chelan	Electricians - Powerline Construction	Powderperson	$56.49	5A	4D		View
Chelan	Electronic Technicians	Electronic Technicians Journey Level	$47.28	5B	1B		View
Chelan	Elevator Constructors	Mechanic	$100.51	7D	4A		View
Chelan	Elevator Constructors	Mechanic In Charge	$108.53	7D	4A		View
Chelan	Fabricated Precast Concrete Products	Journey Level	$13.69		1		View
Chelan			$13.69		1		View

	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only					
Chelan	Fence Erectors	Fence Erector	$39.75	7A	4V	8Y	View
Chelan	Fence Erectors	Fence Laborer	$39.75	7A	4V	8Y	View
Chelan	Flaggers	Journey Level	$39.75	7A	4V	8Y	View
Chelan	Glaziers	Journey Level	$34.56	7L	4L		View
Chelan	Heat & Frost Insulators And Asbestos Workers	Journeyman	$79.43	5J	4H		View
Chelan	Heating Equipment Mechanics	Journey Level	$58.36	6Z	1B		View
Chelan	Hod Carriers & Mason Tenders	Journey Level	$43.57	7A	4V	8Y	View
Chelan	Industrial Power Vacuum Cleaner	Journey Level	$13.69		1		View
Chelan	Inland Boatmen	Journey Level	$13.69		1		View
Chelan	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	$13.69		1		View
Chelan	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	$13.69		1		View
Chelan	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	$13.69		1		View
Chelan	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	$13.69		1		View
Chelan	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	$13.69		1		View
Chelan	Insulation Applicators	Journey Level	$49.27	7E	4X	8N	View
Chelan	Ironworkers	Journeyman	$64.91	7N	1O		View
Chelan	Laborers	Erosion Control Worker	$42.32	7A	4V	8Y	View
Chelan	Laborers	Air, Gas Or Electric Vibrating Screed	$42.32	7A	4V	8Y	View
Chelan	Laborers	Airtrac Drill Operator	$43.57	7A	4V	8Y	View
Chelan	Laborers	Ballast Regular Machine	$42.32	7A	4V	8Y	View
Chelan	Laborers	Batch Weighman	$39.75	7A	4V	8Y	View
Chelan	Laborers	Brick Pavers	$42.32	7A	4V	8Y	View
Chelan	Laborers	Brush Cutter	$42.32	7A	4V	8Y	View
Chelan	Laborers	Brush Hog Feeder	$42.32	7A	4V	8Y	View
Chelan	Laborers	Burner	$42.32	7A	4V	8Y	View
Chelan	Laborers	Caisson Worker	$43.57	7A	4V	8Y	View
Chelan	Laborers	Carpenter Tender	$42.32	7A	4V	8Y	View
Chelan	Laborers	Cement Dumper-paving	$43.04	7A	4V	8Y	View
Chelan	Laborers	Cement Finisher Tender	$42.32	7A	4V	8Y	View
Chelan	Laborers	Change House Or Dry Shack	$42.32	7A	4V	8Y	View

Chelan	Laborers	Chipping Gun (30 Lbs. And Over)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Chipping Gun (Under 30 Lbs.)	$42.32	7A	4V	8Y	View
Chelan	Laborers	Choker Setter	$42.32	7A	4V	8Y	View
Chelan	Laborers	Chuck Tender	$42.32	7A	4V	8Y	View
Chelan	Laborers	Clary Power Spreader	$43.04	7A	4V	8Y	View
Chelan	Laborers	Clean-up Laborer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Concrete Dumper/Chute Operator	$43.04	7A	4V	8Y	View
Chelan	Laborers	Concrete Form Stripper	$42.32	7A	4V	8Y	View
Chelan	Laborers	Concrete Placement Crew	$43.04	7A	4V	8Y	View
Chelan	Laborers	Concrete Saw Operator/Core Driller	$43.04	7A	4V	8Y	View
Chelan	Laborers	Crusher Feeder	$39.75	7A	4V	8Y	View
Chelan	Laborers	Curing Laborer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	$42.32	7A	4V	8Y	View
Chelan	Laborers	Ditch Digger	$42.32	7A	4V	8Y	View
Chelan	Laborers	Diver	$43.57	7A	4V	8Y	View
Chelan	Laborers	Drill Operator (Hydraulic, Diamond)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Dry Stack Walls	$42.32	7A	4V	8Y	View
Chelan	Laborers	Dump Person	$42.32	7A	4V	8Y	View
Chelan	Laborers	Epoxy Technician	$42.32	7A	4V	8Y	View
Chelan	Laborers	Faller & Bucker Chain Saw	$43.04	7A	4V	8Y	View
Chelan	Laborers	Fine Graders	$42.32	7A	4V	8Y	View
Chelan	Laborers	Firewatch	$39.75	7A	4V	8Y	View
Chelan	Laborers	Form Setter	$42.32	7A	4V	8Y	View
Chelan	Laborers	Gabian Basket Building	$42.32	7A	4V	8Y	View
Chelan	Laborers	Gaurdrail Erector	$42.32	7A	4V	8Y	View
Chelan	Laborers	General Laborer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Grade Checker & Transit Person	$43.57	7A	4V	8Y	View
Chelan	Laborers	Grinders	$42.32	7A	4V	8Y	View
Chelan	Laborers	Grout Machine Tender	$42.32	7A	4V	8Y	View
Chelan	Laborers	Groutmen (Pressure) Including Post Tension Beams	$43.04	7A	4V	8Y	View
Chelan	Laborers	Hazardous Waste Worker (Level A)	$43.57	7A	4V	8Y	View
Chelan	Laborers	Hazardous Waste Worker (Level B)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Hazardous Waste Worker (Level C)	$42.32	7A	4V	8Y	View
Chelan	Laborers	High Scaler	$43.57	7A	4V	8Y	View

Chelan	Laborers	Jackhammer	$43.04	7A	4V	8Y	View
Chelan	Laborers	Laserbeam Operator	$43.04	7A	4V	8Y	View
Chelan	Laborers	Maintenance Person	$42.32	7A	4V	8Y	View
Chelan	Laborers	Manhole Builder-Mudman	$43.04	7A	4V	8Y	View
Chelan	Laborers	Material Yard Person	$42.32	7A	4V	8Y	View
Chelan	Laborers	Motorman-Dinky Locomotive	$43.04	7A	4V	8Y	View
Chelan	Laborers	Nozzleman (Concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Blaster, Vacuum Blaster)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pavement Breaker	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pilot Car	$39.75	7A	4V	8Y	View
Chelan	Laborers	Pipe Later Lead	$43.57	7A	4V	8Y	View
Chelan	Laborers	Pipe Layer/Tailor	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pipe Pot Tender	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pipe Reliner	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pipe Wrapper	$43.04	7A	4V	8Y	View
Chelan	Laborers	Pot Tender	$42.32	7A	4V	8Y	View
Chelan	Laborers	Powderman	$43.57	7A	4V	8Y	View
Chelan	Laborers	Powderman's Helper	$42.32	7A	4V	8Y	View
Chelan	Laborers	Power Jacks	$43.04	7A	4V	8Y	View
Chelan	Laborers	Railroad Spike Puller - Power	$43.04	7A	4V	8Y	View
Chelan	Laborers	Raker - Asphalt	$43.57	7A	4V	8Y	View
Chelan	Laborers	Re-timberman	$43.57	7A	4V	8Y	View
Chelan	Laborers	Remote Equipment Operator	$43.04	7A	4V	8Y	View
Chelan	Laborers	Rigger/Signal Person	$43.04	7A	4V	8Y	View
Chelan	Laborers	Rip Rap Person	$42.32	7A	4V	8Y	View
Chelan	Laborers	Rivet Buster	$43.04	7A	4V	8Y	View
Chelan	Laborers	Rodder	$43.04	7A	4V	8Y	View
Chelan	Laborers	Scaffold Erector	$42.32	7A	4V	8Y	View
Chelan	Laborers	Scale Person	$42.32	7A	4V	8Y	View
Chelan	Laborers	Sloper (Over 20")	$43.04	7A	4V	8Y	View
Chelan	Laborers	Sloper Sprayer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Spreader (Concrete)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Stake Hopper	$42.32	7A	4V	8Y	View
Chelan	Laborers	Stock Piler	$42.32	7A	4V	8Y	View
Chelan	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	$43.04	7A	4V	8Y	View
Chelan	Laborers		$43.04	7A	4V	8Y	View

		Tamper (Multiple & Self-propelled)					
Chelan	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Toolroom Person (at Jobsite)	$42.32	7A	4V	8Y	View
Chelan	Laborers	Topper	$42.32	7A	4V	8Y	View
Chelan	Laborers	Track Laborer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Track Liner (Power)	$43.04	7A	4V	8Y	View
Chelan	Laborers	Traffic Control Laborer	$42.13	7A	4V	9C	View
Chelan	Laborers	Traffic Control Supervisor	$44.95	7A	4V	9C	View
Chelan	Laborers	Truck Spotter	$42.32	7A	4V	8Y	View
Chelan	Laborers	Tugger Operator	$43.04	7A	4V	8Y	View
Chelan	Laborers	Tunnel Work-Guage and Lock Tender	$43.67	7A	4V	8Y	View
Chelan	Laborers	Tunnel Work-Guage and Lock Tender	$43.67	7A	4V	8Y	View
Chelan	Laborers	Vibrator	$43.04	7A	4V	8Y	View
Chelan	Laborers	Vinyl Seamer	$42.32	7A	4V	8Y	View
Chelan	Laborers	Watchmen	$36.26	7A	4V	8Y	View
Chelan	Laborers	Welder	$43.04	7A	4V	8Y	View
Chelan	Laborers	Well Point Laborer	$43.04	7A	4V	8Y	View
Chelan	Laborers	Window Washer/Cleaner	$36.26	7A	4V	8Y	View
Chelan	Laborers - Underground Sewer & Water	General Laborer & Topman	$42.32	7A	4V	8Y	View
Chelan	Laborers - Underground Sewer & Water	Pipe Layer	$43.04	7A	4V	8Y	View
Chelan	Landscape Construction	Landscape Construction/landscaping Or Planting Laborers	$36.26	7A	4V	8Y	View
Chelan	Landscape Construction	Landscape Operator	$69.33	7A	3K	8X	View
Chelan	Landscape Maintenance	Groundskeeper	$13.69		1		View
Chelan	Lathers	Journey Level	$49.27	7E	4X	8N	View
Chelan	Marble Setters	Journey Level	$51.84	5A	1M		View
Chelan	Metal Fabrication (In Shop)	Fitter	$15.04		1		View
Chelan	Metal Fabrication (In Shop)	Laborer	$13.69		1		View
Chelan	Metal Fabrication (In Shop)	Machine Operator	$13.69		1		View
Chelan	Metal Fabrication (In Shop)	Painter	$13.69		1		View
Chelan	Metal Fabrication (In Shop)	Welder	$13.69		1		View
Chelan	Millwright	Journey Level	$68.90	5A	1B		View
Chelan	Modular Buildings	Journey Level	$14.11		1		View
Chelan	Painters	Commercial Painter	$38.59	6Z	1W		View
Chelan	Painters	Industrial Painter	$45.99	6Z	1W	9D	View
Chelan	Pile Driver	Crew Tender	$69.91	7A	4C		View
Chelan	Pile Driver	Crew Tender/Technician	$69.91	7A	4C		View
Chelan	Pile Driver		$80.76	7A	4C		View

		Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI					
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	$85.76	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	$89.76	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	$94.76	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	$97.26	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	$102.26	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	$104.26	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	$106.26	7A	4C		View
Chelan	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	$108.26	7A	4C		View
Chelan	Pile Driver	Journey Level	$65.19	7A	4C		View
Chelan	Plasterers	Journey Level	$46.51	7K	1N		View
Chelan	Playground & Park Equipment Installers	Journey Level	$13.69		1		View
Chelan	Plumbers & Pipefitters	Journey Level	$59.97	5A	1G		View
Chelan	Power Equipment Operators	Asphalt Plant Operators	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Assistant Engineer	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Barrier Machine (zipper)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Batch Plant Operator: concrete	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Bobcat	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Brokk - Remote Demolition Equipment	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Brooms	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Bump Cutter	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Cableways	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Chipper	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Compressor	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Concrete Finish Machine - Laser Screed	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure	$69.33	7A	3K	8X	View

		Line Pump, Pump High Pressure					
Chelan	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Conveyors	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes friction: 200 tons and over	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: 20 Tons Through 44 Tons With Attachments	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: Friction cranes through 199 tons	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators	Cranes: through 19 tons with attachments, A-frame over 10 tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Crusher	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Deck Engineer/Deck Winches (power)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Derricks, On Building Work	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Dozers D-9 & Under	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Drilling Machine	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	$69.33	7A	3K	8X	View

Chelan	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Gradechecker/Stakeman	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Guardrail Punch	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Horizontal/Directional Drill Locator	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Horizontal/Directional Drill Operator	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Hydralifts/Boom Trucks, 10 Tons And Under	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Loaders, Overhead Under 6 Yards	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Loaders, Plant Feed	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Loaders: Elevating Type Belt	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Locomotives, All	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Material Transfer Device	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Motor Patrol Graders	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Outside Hoists (Elevators And Manlifts), Air Tuggers, Strato	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	$69.87	7A	3K	8X	View

Chelan	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Pavement Breaker	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Pile Driver (other Than Crane Mount)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Posthole Digger, Mechanical	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Power Plant	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Pumps - Water	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Quad 9, Hd 41, D10 And Over	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Rigger and Bellman	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Rigger/Signal Person, Bellman (Certified)	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Rollagon	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Roller, Other Than Plant Mix	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Roto-mill, Roto-grinder	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Saws - Concrete	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Scrapers - Concrete & Carry All	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Service Engineers - Equipment	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Shotcrete/Gunite Equipment	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$69.87	7A	3K	8X	View

Chelan	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators	Slipform Pavers	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Spreader, Topsider & Screedman	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Subgrader Trimmer	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Tower Bucket Elevators	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Tower Crane Up To 175' In Height Base To Boom	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators	Tower Crane: over 175’ through 250’ in height, base to boom	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators	Transporters, All Track Or Truck Type	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Trenching Machines	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Truck Crane Oiler/Driver Under 100 Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators	Truck Mount Portable Conveyor	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators	Welder	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators	Wheel Tractors, Farmall Type	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators	Yo Yo Pay Dozer	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operators	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Barrier Machine (zipper)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Batch Plant Operator, Concrete	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Bobcat	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Brokk - Remote Demolition Equipment	$66.30	7A	3K	8X	View
Chelan		Brooms	$66.30	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water						
Chelan	Power Equipment Operators- Underground Sewer & Water	Bump Cutter	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cableways	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Chipper	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Compressor	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Concrete Finish Machine - Laser Screed	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Conveyors	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes friction: 200 tons and over	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: 300 tons and over or 300' of boom including jib with attachments	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	$70.49	7A	3K	8X	View
Chelan			$66.30	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under					
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: Friction cranes through 199 tons	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Cranes: through 19 tons with attachments, A-frame over 10 tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Crusher	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Deck Engineer/Deck Winches (power)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Derricks, On Building Work	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Dozers D-9 & Under	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Drilling Machine	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Gradechecker/Stakeman	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Guardrail Punch	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	$70.49	7A	3K	8X	View
Chelan			$69.87	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards					
Chelan	Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Locator	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Operator	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Hydralifts/Boom Trucks, 10 Tons And Under	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Loaders, Overhead Under 6 Yards	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Loaders, Plant Feed	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Loaders: Elevating Type Belt	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Locomotives, All	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Material Transfer Device	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Motor Patrol Graders	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Outside Hoists (Elevators And Manlifts), Air Tuggers, Strato	$69.33	7A	3K	8X	View
Chelan			$69.87	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons					
Chelan	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type: 100 Tons And Over	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Overhead, Bridge Type: 45 Tons Through 99 Tons	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Pavement Breaker	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Pile Driver (other Than Crane Mount)	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Posthole Digger, Mechanical	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Power Plant	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Pumps - Water	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Quad 9, Hd 41, D10 And Over	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Rigger and Bellman	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman (Certified)	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Rollagon	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	$69.33	7A	3K	8X	View
Chelan		Roto-mill, Roto-grinder	$69.87	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water						
Chelan	Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Service Engineers - Equipment	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shotcrete/Gunite Equipment	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	$71.20	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	$71.93	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Tower Crane Up To 175' In Height Base To Boom	$71.20	7A	3K	8X	View
Chelan			$71.93	7A	3K	8X	View

	Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom					
Chelan	Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from base to boom	$72.63	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Transporters, All Track Or Truck Type	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver Under 100 Tons	$69.33	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Truck Mount Portable Conveyor	$69.87	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Welder	$70.49	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	$66.30	7A	3K	8X	View
Chelan	Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	$69.87	7A	3K	8X	View
Chelan	Power Line Clearance Tree Trimmers	Journey Level In Charge	$55.03	5A	4A		View
Chelan	Power Line Clearance Tree Trimmers	Spray Person	$52.24	5A	4A		View
Chelan	Power Line Clearance Tree Trimmers	Tree Equipment Operator	$55.03	5A	4A		View
Chelan	Power Line Clearance Tree Trimmers	Tree Trimmer	$49.21	5A	4A		View
Chelan	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	$37.47	5A	4A		View
Chelan	Refrigeration & Air Conditioning Mechanics	Journey Level	$59.97	5A	1G		View
Chelan	Residential Brick Mason	Journey Level	$19.38		1		View
Chelan	Residential Carpenters	Journey Level	$21.00		1		View
Chelan	Residential Cement Masons	Journey Level	$46.83	7B	1N		View
Chelan	Residential Drywall Applicators	Journey Level	$25.84		1		View
Chelan	Residential Drywall Tapers	Journey Level	$17.06		1		View
Chelan	Residential Electricians	Journey Level	$22.02		1		View
Chelan	Residential Glaziers	Journey Level	$16.50		1		View
Chelan		Journey Level	$14.86		1		View

	Residential Insulation Applicators						
Chelan	Residential Laborers	Journey Level	$19.06		1		View
Chelan	Residential Marble Setters	Journey Level	$15.91		1		View
Chelan	Residential Painters	Journey Level	$25.01		1		View
Chelan	Residential Plumbers & Pipefitters	Journey Level	$38.21		1		View
Chelan	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	$17.25		1		View
Chelan	Residential Sheet Metal Workers	Journey Level (Field or Shop)	$58.36	5I	1B		View
Chelan	Residential Soft Floor Layers	Journey Level	$13.69		1		View
Chelan	Residential Sprinkler Fitters (Fire Protection)	Journey Level	$17.71		1		View
Chelan	Residential Stone Masons	Journey Level	$19.38		1		View
Chelan	Residential Terrazzo Workers	Journey Level	$14.86		1		View
Chelan	Residential Terrazzo/Tile Finishers	Journey Level	$13.69		1		View
Chelan	Residential Tile Setters	Journey Level	$14.86		1		View
Chelan	Roofers	Journey Level	$41.94	5I	1R		View
Chelan	Roofers	Using Irritable Bituminous Materials	$43.94	5I	1R		View
Chelan	Sheet Metal Workers	Journey Level (Field or Shop)	$58.36	6Z	1B		View
Chelan	Sign Makers & Installers (Electrical)	Journey Level	$80.02	7F	1E		View
Chelan	Sign Makers & Installers (Non-Electrical)	Journey Level	$17.48		1		View
Chelan	Soft Floor Layers	Journey Level	$51.91	5A	3J		View
Chelan	Solar Controls For Windows	Journey Level	$13.69		1		View
Chelan	Sprinkler Fitters (Fire Protection)	Journey Level	$60.86	7J	1R		View
Chelan	Stage Rigging Mechanics (Non Structural)	Journey Level	$13.69		1		View
Chelan	Stone Masons	Journey Level	$51.84	5A	1M		View
Chelan	Street And Parking Lot Sweeper Workers	Journey Level	$20.00		1		View
Chelan	Surveyors	Assistant Construction Site Surveyor	$69.33	7A	3K	8X	View
Chelan	Surveyors	Chainman	$66.30	7A	3K	8X	View
Chelan	Surveyors	Construction Site Surveyor	$70.49	7A	3K	8X	View
Chelan	Telecommunication Technicians	Telecom Technician Journey Level	$47.28	5B	1B		View
Chelan	Telephone Line Construction - Outside	Cable Splicer	$37.40	5A	2B		View
Chelan			$25.04	5A	2B		View

	Telephone Line Construction - Outside	Hole Digger/Ground Person					
Chelan	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	$31.22	5A	2B		View
Chelan	Telephone Line Construction - Outside	Telephone Lineperson	$35.34	5A	2B		View
Chelan	Terrazzo Workers	Journey Level	$43.81	5A	1M		View
Chelan	Tile Setters	Journey Level	$43.81	5A	1M		View
Chelan	Tile, Marble & Terrazzo Finishers	Journey Level	$35.93	5A	1M		View
Chelan	Traffic Control Stripers	Journey Level	$49.13	7A	1K		View
Chelan	Truck Drivers	Asphalt Mix Over 20 Yards	$49.75	5D	1V	8M	View
Chelan	Truck Drivers	Asphalt Mix To 20 Yards	$49.38	5D	1V	8M	View
Chelan	Truck Drivers	Dump Truck	$49.38	5D	1V	8M	View
Chelan	Truck Drivers	Dump Truck & Trailer	$49.75	5D	1V	8M	View
Chelan	Truck Drivers	Other Trucks	$49.27	5D	1V	8M	View
Chelan	Truck Drivers - Ready Mix	Transit Mixers 20 yards and under	$49.75	5D	1V	8M	View
Chelan	Truck Drivers - Ready Mix	Transit Mixers over 20 yards	$50.08	5D	1V	8M	View
Chelan	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	$13.69		1		View
Chelan	Well Drillers & Irrigation Pump Installers	Oiler	$13.69		1		View
Chelan	Well Drillers & Irrigation Pump Installers	Well Driller	$18.00		1		View

Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

WSDOT's
Predetermined List for
Suppliers - Manufactures - Fabricator

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

	ITEM DESCRIPTION	YES	NO
1.	Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		X
2.	Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		X
3.	Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		X
4.	Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		X
5.	Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		X
6.	Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		X
7.	Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		X

	ITEM DESCRIPTION	YES	NO
8.	Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		X
9.	Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	X	
10.	Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
11.	Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	X	
12.	Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		X
13.	Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	X	
14.	Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15.	Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16.	Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

	ITEM DESCRIPTION	YES	NO
17.	Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18.	Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19.	Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20.	Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21.	Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		X
22.	Vault Risers - For use with Valve Vaults and Utilities X Vaults.		X
23.	Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24.	Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25.	Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26.	Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

	ITEM DESCRIPTION	YES	NO
27.	Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
28.	12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
29.	Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A .	X	
30.	Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
31.	Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	X	
32.	Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	X	
33.	Monument Case and Cover See Std. Plan.		X

	ITEM DESCRIPTION	YES	NO
34.	Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
35.	Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	X	
36.	Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	X	
37.	Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38.	Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
39.	Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Specia Provisions for pre-approved drawings.	X	
40.	Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	X	
41.	Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		X

	ITEM DESCRIPTION	YES	NO
42.	Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. **NOTE:** *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	**X**	**X**
		Custom Message	Std Signing Message
43.	Cutting & bending reinforcing steel		**X**
44.	Guardrail components	**X**	**X**
		Custom End Sec	Standard Sec
45.	Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46.	Asphalt	Covered by WAC 296-127-018	
47.	Fiber fabrics		**X**
48.	Electrical wiring/components		**X**
49.	treated or untreated timber pile		**X**
50.	Girder pads (elastomeric bearing)	**X**	
51.	Standard Dimension lumber		**X**
52.	Irrigation components		**X**

ITEM DESCRIPTION	YES	NO
53. Fencing materials		X
54. Guide Posts		X
55. Traffic Buttons		X
56. Epoxy		X
57. Cribbing		X
58. Water distribution materials		X
59. Steel "H" piles		X
60. Steel pipe for concrete pile casings		X
61. Steel pile tips, standard		X
62. Steel pile tips, custom	X	

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW 39.12.010
(The definition of "locality" in RCW 39.12.010(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.
The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.
When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.,) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

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Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.

J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.

K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

1. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.

P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.

R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.

U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.

W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.

Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.

Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

Overtime Codes Continued

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

   F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.

   M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

   O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.

   R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.

   U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.

   H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.

   J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

   K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

   After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

EXCEPTION:
On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

H. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Overtime Codes Continued

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.

U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

W. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Overtime Codes Continued

4. X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

   The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

   When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

   When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

   Y. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. All work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay.

   Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift.

   After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

   Z. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. Work performed on Sundays may be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

11. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

   A. The first ten (10) hours worked on Saturday and all hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

Holiday Codes

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).

C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).

H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).

I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).

K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).

L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).

N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.

Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).

S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).

H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

Holiday Codes Continued

T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Holiday Codes Continued

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.

X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

Holiday Codes Continued

7. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.

P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Holiday Codes Continued

7. W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.

X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.

Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.

15. F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (8). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Note Codes

8. D. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $0.75, Level B: $0.50, And Level C: $0.25.

M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: $1.00, Levels C & D: $0.50.

N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Note Codes Continued

8. T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: $2.00, Class B Suit: $1.50, And Class C Suit: $1.00. Workers performing underground work receive an additional $0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional $0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional $0.50 per hour.

V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.

Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - $2.00 per foot for each foot over 50 feet. Over 101' to 150' - $3.00 per foot for each foot over 101 feet. Over 151' to 220' - $4.00 per foot for each foot over 220 feet. Over 221' - $5.00 per foot for each foot over 221 feet.

Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25’ to 300’ - $1.00 per foot from entrance. 300’ to 600’ - $1.50 per foot beginning at 300’. Over 600’ - $2.00 per foot beginning at 600’.

W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.

X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, and Class D Suit: $0.50. Special Shift Premium: Basic hourly rate plus $2.00 per hour.

When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.

Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Note Codes Continued

8. Z. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

9. A. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

Special Shift Premium: Basic hourly rate plus $2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid $0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130’ to 199’ – $0.50 per hour over their classification rate.
(B) – 200’ to 299’ – $0.80 per hour over their classification rate.
(C) – 300’ and over – $1.00 per hour over their classification rate.

B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents ($0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

Note Codes Continued

9. D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25.

F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

SPECIAL PROVISIONS

INTRODUCTION TO THE SPECIAL PROVISIONS

(December 10, 2020 APWA GSP)

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2021 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 project-specific Special Provisions are not labeled as such. 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)
(May 1, 2013 Chelan County GSP)

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

DESCRIPTION OF WORK

(March 13, 1995)
This Contract provides for the improvement of *** Mission Creek Road from milepost 1.36 to milepost 3.78 by constructing pulverizing existing pavement and base, pulverizing and mixing cement base, roadway excavation, crushed surfacing, HMA, guardrail, permanent signing, project temporary traffic control, roadside cleanup *** and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01.3 Definitions

(January 4, 2016 APWA GSP)

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

Dates

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

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

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

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

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

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

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

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

Supplement this Section with the following:

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

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

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

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

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

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

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

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

Contract Documents
See definition for “Contract”.

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

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

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

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

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this section and replace it with the following:

1-02.1 Qualifications of Bidder
(January 24, 2011 APWA GSP)

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

1-02.2 Plans and Specifications
(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	3	Furnished automatically upon award.
Contract Provisions	3	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	0	Furnished only upon request.

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

1-02.5 Proposal Forms
(July 31, 2017 APWA GSP)

Delete this section and replace it with the following:

The Proposal Form will identify the project and its location and describe the work. It will also list estimated quantities, units of measurement, the items of work, and the materials to be furnished at the unit bid prices. The bidder shall complete spaces on the proposal form that call for, but are not limited to, unit prices; extensions; summations; the total bid amount; signatures; date; and, where applicable, retail sales taxes and acknowledgment of addenda; the bidder's name, address, telephone number, and signature; the bidder's UDBE/DBE/M/WBE commitment, if applicable; a State of Washington Contractor's Registration Number; and a Business License Number, if applicable. Bids shall be

completed by typing or shall be printed in ink by hand, preferably in black ink. The required certifications are included as part of the Proposal Form.

The Contracting Agency reserves the right to arrange the proposal forms with alternates and additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all alternates and additives set forth in the Proposal Form unless otherwise specified.

1-02.6 Preparation of Proposal

(December 10, 2020 APWA GSP, Option B)

Supplement the second paragraph with the following:

4. If a minimum bid amount has been established for any item, the unit or lump sum price must equal or exceed the minimum amount stated.

5. Any correction to a bid made by interlineation, alteration, or erasure, shall be initialed by the signer of the bid.

Delete the last two paragraphs, and replace them with the following:

The Bidder shall submit with their Bid a completed Contractor Certification Wage Law Compliance form, provided by the Contracting Agency. Failure to return this certification as part of the Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A Contractor Certification of Wage Law Compliance form is included in the Proposal Forms.

The Bidder shall make no stipulation on the Bid Form, nor qualify the bid in any manner.

A bid by a corporation shall be executed in the corporate name, by the president or a vice president (or other corporate officer accompanied by evidence of authority to sign).

A bid by a partnership shall be executed in the partnership name, and signed by a partner. A copy of the partnership agreement shall be submitted with the Bid Form if any UDBE requirements are to be satisfied through such an agreement.

A bid by a joint venture shall be executed in the joint venture name and signed by a member of the joint venture. A copy of the joint venture agreement shall be submitted with the Bid Form if any UDBE requirements are to be satisfied through such an agreement.

Bid Deposit

(June 8, 2016 Chelan County GSP)

Section 1-02.7 is supplemented with the following:

Proposal bonds shall contain the following:

1. Contracting Agency-assigned number for the project;
2. Name of the project;
3. The Contracting Agency named as obligee;
4. The amount of the proposal bond stated either as a dollar figure or as a percentage which represents five percent of the maximum bid amount that could be awarded;

5. Signature of the bidder's officer empowered to sign official statements. The signature of the person authorized to submit the bid should agree with the signature on the bond, and the title of the person must accompany the said signature;
6. The signature of the surety's officer empowered to sign the bond and the power of attorney.

Proposal bonds submitted as a form of Bid deposit shall be submitted on the Proposal Bond form provided by the Contracting Agency included in the Bid Proposal Form. Proposal bonds not submitted on the Contracting Agency provided form shall make the Bid nonresponsive and shall cause the Bid to be rejected by the Contracting Agency.

(June 8, 2016 Chelan County GSP)

The second sentence of Section 1-02.7 is deleted and replaced with the following:

The Bid deposit may be certified check, cashier's check, or a proposal bond (Surety Bond). The Contracting Agency will not accept cash as a form of Bid deposit. The use of cash as a form of Bid deposit shall cause the Bid to be rejected by the Contracting Agency.

1-02.9 Delivery of Proposal

(October 1, 2020 APWA GSP Option B)

Delete this section and replace it with the following:

Each Proposal shall be submitted in a sealed envelope, with the Project Name and Project Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in the Bid Documents, to ensure proper handling and delivery.

To be considered responsive on a FHWA-funded project, the Bidder may be required to submit the following items, as required by Section 1-02.6:

- DBE Written Confirmation Document from each DBE firm listed on the Bidder's completed DBE Utilization Certification (WSDOT 272-056);
- Good Faith Effort (GFE) Documentation
- DBE Bid Item Breakdown (WSDOT 272-054)
- DBE Trucking Credit Form (WSDOT 272-058)

These documents, if applicable, shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received **no later than 48 hours** (not including Saturdays, Sundays and Holidays) after the time for delivery of the Bid Proposal.

If submitted after the Bid Proposal is due, the document(s) shall be submitted as follows:

1. In a sealed envelope labeled the same as for the Proposal, with "Supplemental Information" added, or
2. By facsimile to the following FAX number: 509-667-6250, or
3. By e-mail to the following e-mail address: Kristoffer.Perry@co.chelan.wa.us

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

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

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

1-02.10 Withdrawing, Revising, or Supplementing Proposal
(July 23, 2015 APWA GSP)

Delete this section, and replace it with the following:

After submitting a physical Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or supplement it if:

1. The Bidder submits a written request signed by an authorized person and physically delivers it to the place designated for receipt of Bid Proposals, and
2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and
3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received before the time set for receipt of Bid Proposals, the Contracting Agency will return the unopened Proposal package to the Bidder. The Bidder must then submit the revised or supplemented package in its entirety. If the Bidder does not submit a revised or supplemented package, then its bid shall be considered withdrawn.

Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.

Public Opening of Proposals

Section 1-02.12 is supplemented with the following:

(June 8, 2016 Chelan County GSP)

Date of Opening Bids

Sealed bids are to be received at the following location prior to the time Specified:

> At the Board of County Commissioners, 400 Douglas Street, Wenatchee, Washington until 9:30:00 A.M. of the bid opening date.

The bid opening date for this project is *** March 23, 2021 ***. Bids received will be publicly opened and read after 9:30:00 A. M. Pacific Time on this date.

1-02.13 Irregular Proposals

(October 1, 2020 APWA GSP)

Delete this section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
   a. The Bidder is not prequalified when so required;
   b. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;
   c. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
   d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
   e. A price per unit cannot be determined from the Bid Proposal;
   f. The Proposal form is not properly executed;
   g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
   h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
   i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidder's DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
   j The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
   k. The Bidder fails to submit a DBE Bid Item Breakdown form, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
   l. The Bidder fails to submit DBE Trucking Credit Forms, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
   m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
   n. More than one Proposal is submitted for the same project from a Bidder under the same or different names.

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

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

Delete this section and replace it with the following:

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

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

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

Award and Execution of Contract

1-03.3 Execution of Contract
(October 1, 2005 APWA GSP)

Revise this section to read:

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

Within 10 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by

Section 1-07.18, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

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

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within the calendar days after the award date stated above, the Contracting Agency may grant up to a maximum of 10 additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

1-03.4 Contract Bond

(July 23, 2015 APWA GSP)

Delete the first paragraph and replace it with the following:

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

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

1-03.7 Judicial Review

(November 30, 2018 APWA GSP)

Revise this section to read:

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

Scope of the Work

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

(December 10, 2020 APWA GSP)

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. Special Provisions,
4. Contract Plans,
5. Standard Specifications,
6. Contracting Agency's Standard Plans or Details (if any), and
7. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

Control of Work

1-05.4 Conformity With and Deviations from Plans and Stakes

Supplement this section with the following:

Roadway and Utility Surveys

(July 23, 2015 APWA GSP, Option 1)

The Engineer shall furnish to the Contractor one time only all principal lines, grades, and measurements the Engineer deems necessary for completion of the work. These shall generally consist of one initial set of:

1. Slope stakes for establishing grading;
2. Curb grade stakes;
3. Centerline finish grade stakes for pavement sections wider than 25 feet; and
4. Offset points to establish line and grade for underground utilities such as water, sewers, and storm drains.

On alley construction projects with minor grade changes, the Engineer shall provide only offset hubs on one side of the alley to establish the alignment and grade.

1-05.7 Removal of Defective and Unauthorized Work

(October 1, 2005 APWA GSP)

Supplement this section with the following:

If the Contractor fails to remedy defective or unauthorized work within the time specified in a written notice from the Engineer, or fails to perform any part of the work required by the Contract Documents, the Engineer may correct and remedy such work as may be identified in the written notice, with Contracting Agency forces or by such other means as the Contracting Agency may deem necessary.

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

Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remedying defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due, or to become due, the Contractor. Such direct and indirect costs shall include in particular, but without limitation, compensation for additional professional services required, and costs for repair and replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's unauthorized work.

No adjustment in contract time or compensation will be allowed because of the delay in the performance of the work attributable to the exercise of the Contracting Agency's rights provided by this Section.

The rights exercised under the provisions of this section shall not diminish the Contracting Agency's right to pursue any other avenue for additional remedy or damages with respect to the Contractor's failure to perform the work as required.

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:

*** Chelan County Public Works
West Cashmere Bridge Replacement
Contact: Josh Patrick
Contact Number: 509-667-6571

WSDOT North Central Region
US2 Wenatchee Area Paving
US2
Contact: Lauren Loebsack
Contact Number: 509-667-2815

Chelan County PUD
Cable 3710 Replacement
Mission Creek Rd.
Contact: Darren Wurl
Contact Number: 509-663-8121 ***

1-05.15 Method of Serving Notices
(March 25, 2009 APWA GSP)

Revise the second paragraph to read:

All correspondence from the Contractor shall be directed to the Project Engineer. All correspondence from the Contractor constituting any notification, notice of protest, notice of dispute, or other correspondence constituting notification required to be furnished under the Contract, must be in paper format, hand delivered or sent via mail delivery service to the Project 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.

Control of Material

Approval of Materials Prior to Use

Section 1-06.1 is supplemented with the following:

(April 3, 2017)
For each proposed material that is required to be submitted for approval using either the QPL or RAM process the Contractor will be allowed to submit for approval two material sources or manufacturers per material type at no cost. Additional material sources or manufacturers may be submitted for approval and will be processed at a cost of $125.00 per material source or manufacturer submitted by QPL submittal and $400.00 per material

submitted by RAM. All costs for processing additional material sources or manufacturers will be deducted from monies due or that may come due to the Contractor. Subject to a request by the Contractor and a determination by the Engineer the costs for processing may be waived.

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.

(May 13, 2020)

COVID-19 Health and Safety Plan

In response to COVID-19, the Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP) in conformance with Section 1-07.4(2) as supplemented in these specifications, **COVID-19 Health and Safety Plan (CHSP)**.

1-07.2 State Taxes

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

1-07.2 State Sales Tax

(June 27, 2011 APWA GSP)

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

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

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

1-07.2(1) State Sales Tax — Rule 171

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

1-07.2(2) State Sales Tax — Rule 170

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

part of a street or road lighting system; and installing or attaching of any article of tangible personal property in or to real property, whether or not such personal property becomes a part of the realty by virtue of installation.

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

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

1-07.2(3) Services

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

(June 8, 2016 Chelan County GSP)
The work on this contract is to be performed upon lands whose ownership obligates the Contractor to pay Sales tax. The provisions of Section 1-07.2(1) apply.

Forest Protection and Merchantable Timber Requirements

Section 1-07.3 is supplemented with the following:

(August 2, 2004)
The Forest Service Provisions, included in the Appendix to these Special Provisions, are made a part of this contract. The Contractor shall comply with the requirements of these Forest Service provisions at no additional cost to the Contracting Agency.

(February 2, 2018 Chelan County GSP)
In case of fire emergency within USFS Okanogan and/or Wenatchee National Forest boundaries, contact shall be directed to the following:

Central Washington Inter-Agency Communication Center
1-509-884-3473 (8:00 a.m. to 4:30 p.m. Monday-Friday), or
1-800-826-3383 (after hours and weekends).

Sanitation

Health Hazards

Section 1-07.4(2) is supplemented with the following:

(May 13, 2020)
COVID-19 Health and Safety Plan (CHSP)
The Contractor shall prepare a project specific COVID-19 health and safety plan (CHSP). The CHSP shall be prepared and submitted as a Type 2 Working Drawing

prior to beginning physical Work. The CHSP shall be based on the most current State and Federal requirements. If the State or Federal requirements are revised, the CHSP shall be updated as necessary to conform to the current requirements.

The Contractor shall update and resubmit the CHSP as the work progresses and new activities appear on the look ahead schedule required under Section 1-08.3(2)D. If the conditions change on the project, or a particular activity, the Contractor shall update and resubmit the CHSP. Work on any activity shall cease if conditions prevent full compliance with the CHSP.

The CHSP shall address the health and safety of all people associated with the project including State workers in the field, Contractor personnel, consultants, project staff, subcontractors, suppliers and anyone on the project site, staging areas, or yards.

COVID-19 Health and Safety Plan (CHSP) Inspection
The Contractor shall grant full and unrestricted access to the Engineer for CHSP Inspections. The Engineer (or designee) will conduct periodic compliance inspections on the project site, staging areas, or yards to verify that any ongoing work activity is following the CHSP. If the Engineer becomes aware of a noncompliance incident either through a site inspection or other means, the Contractor will be notified immediately (within 1 hour). The Contractor shall immediately remedy the noncompliance incident or suspend all or part of the associated work activity. The Contractor shall satisfy the Engineer that the noncompliance incident has been corrected before the suspension will end.

Environmental Regulations

Section 1-07.5 is supplemented with the following:

(April 1, 2019)
No *** Staging of Equipment or Materials *** is allowed within *** 150 *** feet of *** waters of the state including wetlands ***.

(August 3, 2009)
Payment
All costs to comply with this special provision for the environmental commitments and requirements are incidental to the contract and are the responsibility of the Contractor. The Contractor shall include all related costs in the associated bid prices of the contract.

Load Limits

Section 1-07.7 is supplemented with the following:

(March 13, 1995)
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.

Temporary Water Pollution Prevention

Spill Prevention, Control, and Countermeasures Plan

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

(******)
The Contractor shall address all concrete handling, storage, and placement in the SPCC Plan.

Protection and Restoration of Property

Vegetation Protection and Restoration

Section 1-07.16(2) is supplemented with the following:

(August 2, 2010)
Vegetation and soil protection zones for trees shall extend out from the trunk to a distance of 1 foot radius for each inch of trunk diameter at breast height.

Vegetation and soil protection zones for shrubs shall extend out from the stems at ground level to twice the radius of the shrub.

Vegetation and soil protection zones for herbaceous vegetation shall extend to encompass the diameter of the plant as measured from the outer edge of the plant.

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:

*** Storm Water
Chelan County Public Works
316 Washington St. Suite 402
Wenatchee, WA 98801
Attn: Jim Peterson
Phone: 509-667-6496

Power, Water, & Fiber Optic
Chelan County PUD No. 1
327 N. Wenatchee Ave.
Wenatchee, WA 98801
Attn: Jeff Mitchell
Phone: 509-668-1386

Telephone & Fiber Optic

Ziply Fiber
Attn: Steve Johnston
Phone: 509-662-1142

Cable Television
Charter Communications
145 Easy Street
Wenatchee, WA 98801
Phone: 866-874-2389

CALL BEFORE YOU DIG
Utility Notification Center
1-800-424-5555 (or 811) ***

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
(January 4, 2016 APWA GSP)

1-07.18(1) General Requirements

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

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

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

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

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

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

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

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

1-07.18(2) Additional Insured

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

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

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

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

1-07.18(3) Subcontractors

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

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

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

1-07.18(4) Verification of Coverage

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

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall 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 below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

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

1-07.18(5)A Commercial General Liability

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

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

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

Such policy must provide the following minimum limits:

$1,000,000	Each Occurrence
$2,000,000	General Aggregate
$2,000,000	Products & Completed Operations Aggregate
$1,000,000	Personal & Advertising Injury each offence
$1,000,000	Stop Gap / Employers' Liability each accident

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

$1,000,000	Combined single limit each accident

1-07.18(5)C Workers' Compensation

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

Public Convenience and Safety

Section 1-07.23(1) is supplemented with the following:

(February 3, 2020)
Work Zone Clear Zone

The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The WZCZ applies only to temporary roadside objects introduced by the Contractor's operations and does not apply to preexisting conditions or permanent Work. Those work operations that are actively in progress shall be in accordance with adopted and approved Traffic Control Plans, and other contract requirements.

During nonworking hours equipment or materials shall not be within the WZCZ unless they are protected by permanent guardrail or temporary concrete barrier. The use of temporary concrete barrier shall be permitted only if the Engineer approves the installation and location.

During actual hours of work, unless protected as described above, only materials absolutely necessary to construction shall be within the WZCZ and only construction vehicles absolutely necessary to construction shall be allowed within the WZCZ or allowed to stop or park on the shoulder of the roadway.

The Contractor's nonessential vehicles and employees private vehicles shall not be permitted to park within the WZCZ at any time unless protected as described above.

Deviation from the above requirements shall not occur unless the Contractor has requested the deviation in writing and the Engineer has provided written approval.

Minimum WZCZ distances are measured from the edge of traveled way and will be determined as follows:

Regulatory Posted Speed	Distance From Traveled Way (Feet)
35 mph or less	10
40 mph	15
45 to 50 mph	20
55 to 60 mph	30
65 mph or greater	35

Minimum Work Zone Clear Zone Distance

(January 5, 2015)
Lane closures are subject to the following restrictions:

*** Traffic control shall be utilized in such a manner that the overall lane closure durations do not exceed 15 minutes. Closure duration will be measured from the time a flagger at one location stops traffic to the time the same flagger releases traffic. If multiple lane closures are used concurrently on the same road or intersecting roads, the combined lane closure duration of all lane closures shall not exceed 15 minutes for each direction of travel.

The Contractor shall expect heavier traffic volumes during the agriculture fruit harvest. Traffic control shall accommodate these peak volumes to ensure lane closure duration does not exceed 15 minutes.

The Contractor shall utilize Pilot Car traffic control operations during FDR and Paving Work. ***

If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer may adjust the hours accordingly. The Engineer will notify the Contractor in writing of any change in the closure hours.

Lane closures are not allowed on any of the following:

1. A holiday,

2. A holiday weekend; holidays that occur on Friday, Saturday, Sunday or Monday are considered a holiday weekend. A holiday weekend includes Saturday, Sunday, and the holiday.

3. After *** 12:01 a.m. *** on the day prior to a holiday or holiday weekend, and

4. Before *** 12:01 a.m. *** on the day after the holiday or holiday weekend.

The last paragraph of Section 1-07.23(1) is revised to read:

(September 30, 2020)

The Contractor shall conduct all operations to minimize any drop-offs (abrupt changes in roadway elevation) left exposed to traffic during nonworking hours. Unless otherwise specified in the Traffic Control Plan, drop-offs left exposed to traffic during nonworking hours shall be protected as follows with an accepted traffic control plan submittal in accordance with Section 1-10.2(2):

1. Drop-offs up to 0.20 foot, unless otherwise ordered by the Engineer, may remain exposed with appropriate warning signs alerting motorists of the condition.

2. Drop-offs more than 0.20 foot that are in the Traveled Way or Auxiliary Lane will not be allowed unless protected with appropriate warning signs and further protected as indicated in 3b or 3c below.

3. Drop-offs more than 0.20 foot, but no more than 0.50 foot, that are not within the Traveled Way shall be protected with appropriate warning signs and further protected by having one of the following:

    a. A wedge of compacted stable material placed at a slope of 4:1 or flatter.

    b. Channelizing devices (Type I barricades, plastic safety drums, or other devices 36 inches or more in height) placed along the traffic side of the drop-off and a new edge of pavement stripes placed a minimum of 3 feet from the drop-off. The maximum spacing between the devices in feet shall be the posted speed in miles per hour. Pavement drop-off warning signs shall be placed in advance and throughout the drop-off treatment.

    c. A temporary concrete barrier, temporary steel barrier, or other approved traffic barrier installed on the traffic side of a drop-off with a new edge line placed a minimum of 2-feet from the traffic face of the barrier. The barrier shall have a lateral offset from the edge of the drop-off to the back of the barrier as follows:

        i. A minimum offset of 3-feet for temporary Type F or Type 2 concrete barrier when not anchored.

        ii. A minimum offset of 1-foot for temporary Type F or Type 2 concrete barrier when anchored on hot mix asphalt pavement as shown on WSDOT Standard Plans C-60.10 or K-80.35.

        iii. A minimum offset of 1-foot for temporary Type F concrete barrier when anchored on cement concrete pavement as shown on WSDOT Standard Plan C-60.10.

        iv. A minimum offset of 9-inches for temporary Type F or Type 2 concrete barrier when anchored on cement concrete pavement and/or concrete bridge decks as shown on WSDOT Standard Plan K-80.35.

v. A minimum offset of 6-inches or 9-inches for temporary Type F or Type 2 narrow base concrete barrier when anchored on cement concrete pavement and concrete bridge decks as shown on WSDOT Standard Plan K-80.37.

vi. A minimum offset following manufacturer recommendations for temporary steel barrier when not anchored; or when anchored on hot mix asphalt pavement, cement concrete pavement, or concrete bridge decks.

vii. A minimum offset as directed by the Engineer for any barrier type or configuration not shown in this Section.

An approved terminal, flare, or impact attenuator is required at the approach end of the barrier run, and is required at the trailing end of a barrier run in two-way operations when shown in the plans or as directed by the Engineer.

4. Drop-offs more than 0.50 foot not within the Traveled Way or Auxiliary Lane shall be protected with appropriate warning signs and further protected as indicated in 3a, 3b, or 3c if all of the following conditions are met:

   a. The drop-off is less than 2 feet;

   b. The total length throughout the project is less than 1 mile;

   c. The drop-off does not remain for more than 3 working days;

   d. The drop-off is not present on any of the holidays listed in Section 1-08.5; and

   e. The drop-off is only on one side of the Roadway.

5. Drop-offs more than 0.50 foot that are not within the Traveled Way or Auxiliary Lane and are not otherwise covered by No. 4 above shall be protected with appropriate warning signs and further protected as indicated in 3a or 3c.

6. Open trenches within the Traveled Way or Auxiliary Lane shall have a steel-plate cover placed and anchored over them. A wedge of suitable material, if required, shall be placed for a smooth transition between the pavement and the steel plate. Warning signs shall be used to alert motorists of the presence of the steel plates.

1-07.24 Rights of Way

(July 23, 2015 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.

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.

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

(October 10, 2008 APWA GSP)

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

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. 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

(December 8, 2014 APWA GSP)

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

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

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

later than noon on the working day 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

(May 30, 2019 APWA GSP, Option B)

Delete the ninth paragraph, beginning with "On all projects, the Contractor shall certify…".

Progress Schedule

Progress Schedule Types

1-08.3(2)A Type A Progress Schedule

(March 13, 2012 APWA GSP)

Revise this section to read:

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

Prosecution of Work

The first sentence of Section 1-08.4 is revised to read:

(August 7, 2006)
The Contractor shall begin work no earlier than *** July 12, 2021 ***.

Section 1-08.4 is supplemented with the following:

(******)

Order of Work

Unless otherwise approved by the Engineer, the Contractor shall schedule Work in accordance with the following requirements:

1. The Contractor shall construct Full Depth Reclamation (FDR) per the Stages shown in Plans and per Section 4-05.
2. The Contractor shall construct HMA on the roadway within 5 calendar days of completing Stage 3 of the FDR Construction Stages per Section 4-05.

Time for Completion

The third paragraph of Section 1-08.5 is revised to read:

(August 7, 2006)

Contract time shall begin on the first working day. The first working day shall be *** July 12, 2021 ***.

Section 1-08.5 is supplemented with the following:

(March 13, 1995)

This project shall be physically completed within *** 30 *** working days.

Liquidated Damages

Section 1-08.9 is supplemented with the following:

(September 8, 2020)

Liquidated damages in the amount of *** $850 *** per working day will be assessed for failure to physically complete the Contract within the physical completion time specified.

Measurement and Payment

Weighing Equipment

1-09.2(1) General Requirements for Weighing Equipment

(July 23, 2015 APWA GSP, Option 2)

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 422-027, 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(5) Measurement
(May 2, 2017 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.

1-09.6 Force Account
(October 10, 2008 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 Engineer.

1-09.9 Payments
(March 13, 2012 APWA GSP)

Delete the first four paragraphs and replace them with the following:

The basis of payment will be the actual quantities of Work performed according to the Contract and as specified for payment.

The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction Conference, to enable the Project Engineer to determine the Work performed on a monthly basis. A breakdown is not required for lump sum items that include a basis for incremental payments as part of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make a determination based on information available. The Project Engineer's determination of the cost of work shall be final.

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 payments. 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.

Section 1-09.9 is supplemented with the following:

(March 13, 1995)

The quantity of the following items to be paid for on this project shall be the quantity shown in the Proposal, unless changes are made in accordance with Section 1-04.4 which affect this quantity. The quantity shown in the Proposal will be adjusted by the amount of the change and will be paid for as specified in Section 1-04.4.

*** Roadway Excavation Incl. Haul;
Pulverizing Existing Pavement and Base;
Pulverizing and Mixing Cement Base;
Microcracking and Curing Cement Base ***

The quantities in the Proposal 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 approved changes will be made in the quantity even though the actual quantities required may deviate from those listed.

The unit contract price for these items shall be full pay to construct and complete this portion of the work.

Disputes and Claims

1-09.11(3) Time Limitation and Jurisdiction

(November 30, 2018 APWA GSP)

Revise this section to read*:*

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

Claims Resolution

1-09.13(3) Claims $250,000 or Less

(October 1, 2005 APWA GSP)

Delete this section and replace it with the following:

The Contractor and the Contracting Agency mutually agree that those claims that total $250,000 or less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR processes, shall be resolved through litigation unless the parties mutually agree in writing to resolve the claim through binding arbitration.

1-09.13(3)A Administration of Arbitration

(November 30, 2018 APWA GSP)

Revise the third paragraph to read:

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

Temporary Traffic Control

Traffic Control Management

General

Section 1-10.2(1) is supplemented with the following:

(January 3, 2017)
Only training with WSDOT TCS card and WSDOT training curriculum is recognized in the State of Washington. The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust
27055 Ohio Ave.
Kingston, WA 98346
(360) 297-3035

Evergreen Safety Council
12545 135th Ave. NE
Kirkland, WA 98034-8709
1-800-521-0778

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

1-10.2(3) Conformance to Established Standards

Section 1-10.2(3) is supplemented with the following:

(January 28, 2021 Chelan County GSP)
Flashing Stop/Slow Paddles
Flashing stop/slow paddles (FSSP) shall meet the requirements of the most current Washington State adopted version of the MUTCD Section 6E.03 option A, B, or D and shall be a minimum of 24 inches wide.

Traffic Control Labor, Procedures and Devices

Traffic Control Labor

Flaggers

The sixth paragraph of Section 1-10.3(1)A is revised as follows:

(January 28, 2021 Chelan County GSP)
The Contractor shall furnish flashing stop/slow paddles for the flagging stations. The use of conventional flagging paddles will only be allowed in the case of an emergency or temporary use while a failed FSSP is replaced or repaired.

Measurement

Reinstating Unit Items With Lump Sum Traffic Control

Section 1-10.4(3) is supplemented with the following:

(August 2, 2004)
The bid proposal contains the item "Project Temporary Traffic Control," lump sum and the additional temporary traffic control items listed below. The provisions of Section 1-10.4(1), Section 1-10.4(3), and Section 1-10.5(3) shall apply.

*** Construction Signs Class A ***

Division 2
Earthwork

Clearing, Grubbing, and Roadside Cleanup

Construction Requirements

Roadside Cleanup

Section 2-01.3(4) is supplemented with the following:

(January 5, 1998)
*** 6. Trimming and removing tree limbs, brush, and grass that blocks the view of new and existing signs. Grubbing is not allowed.

7. Shaping ditches as directed by the Engineer.***

Removal of Structures and Obstructions

Construction Requirements

Section 2-02.3 is supplemented with the following:

(February 17, 1998)
Removal of Obstructions
***

Description	Location	Quantity of Work
Abandoned Utility Pole/Fence Post (~9" diam. & ~4' tall)	M104+07 Lt	1 (Ea.) Cut flush w/ ground or removed w/ holes backfilled.
Abandoned Fence Posts. Combination of Wood 4x4, Metal T-Post, and Wood 8x8	M106+18 to M109+61 Lt	21 (Ea.) Cut Flush w/ ground or removed w/ holes backfilled. Leave gate on adjacent property after removing from post.
Leaning Tree on Backslope. Tree has 2 (Ea.) 8" diam. trunks ~20' tall.	M116+90 Lt	1 (Ea.) Stump w/ 2 trunks. Cut off both tree trunks and leave stump.

Utility Pole (~10" diam. & ~10' tall) in front of Phone Pedestal	M133+05 Rt	1 (Ea.) Cut flush w/ ground or removed w/ holes backfilled.
Conc. Irrigation Box (4'W x 4'L x 2'H w/ 6" Thick Walls)	M169+48 Rt	1 (Ea.) Remove concrete 6" below ground and backfill hole
Pine Tree (~3' diam base ~100' tall)	M209+30 Rt	1 (Ea.) Cut down and grind stump 6" below ground. Backfill hole. Will require removal in sections. Contractor shall coordinate w/ adjacent overhead power/phone/fiber.

***

Roadway Excavation and Embankment

Construction Requirements

Section 2-03.3 is supplemented with the following:

(******)

Cutting Pavement

The Contractor shall make a vertical saw cut between existing asphalt and/or concrete pavements to remain and those pavements to be removed. Care shall be taken to avoid damage to the pavement that is to remain. Pavement not scheduled to be removed that is damaged due to the Contractor's operation shall be replaced by the Contractor at no additional cost to the Contracting Agency.

The approximate thickness of the pavement 0.5 feet.

Disposal Of Surplus Material

Section 2-03.3(7) is supplemented with the following:

(******)

A waste site has not been provided by the Contracting Agency for the disposal of excess materials and debris.

Asphalt concrete pavement or cement concrete that is not pulverized and is removed from the project shall become the property of the Contractor and shall be removed from the County Right of Way.

Payment

Section 2-03.5 is supplemented with the following:

(******)

All costs for cutting existing asphalt or concrete pavements, as specified, shall be included in the unit contract price for the various associated items in the Contract.

Division 4
Bases

Ballast and Crushed Surfacing

Section 4-04 is supplemented with the following:

(******)

Description

This Work consists of constructing Shoulder Finishing in accordance with these Specifications and as shown in the Plans.

Materials

Materials used to construct Shoulder Finishing shall meet the requirements of Crushed Surfacing Base Course per Standard Specification 9-03.9(3).

Construction Requirements

Upon completion of paving, the Contractor shall construct shoulder finishing by furnishing, placing, watering, and compacting shoulder finishing material between the top edge of the new asphalt and the existing earth shoulder, including intersections and road approaches, as shown in the Plans. Guardrail sections, bridges, etc. will not be finished.

The Contractor shall compact the shoulder finishing material by wheel rolling with a minimum of two passes using a motor grader or comparable piece of equipment as approved by the Engineer. Damage to the asphalt as a result of constructing shoulder finishing shall be repaired by the Contractor at no additional cost to the Contracting Agency.

Following shoulder finishing construction, the Contractor shall remove all dirt and debris from the pavement using a broom or water truck as approved by the Engineer.

The Contractor shall supply the Engineer with load counts, including volumes and limits of placement, at the end of each day that shoulder finishing material is placed.

For informational purposes, approximately 240 cubic yards of material will be required to complete this work.

Measurement

Shoulder Finishing will be measured by the mile along the centerline of the roadway for each shoulder of the roadway finished.

No deductions will be made for intersections or road approaches. Deductions will be made for guardrail sections and bridges which are not finished.

Payment

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

"Shoulder Finishing", per mile, shall be full compensation for all costs incurred for equipment, labor, water, and materials necessary to complete the Work as specified.

The following Section is created:

(******)

4-05 Full Depth Reclamation (FDR)

4-05.1 Description

The Work includes pulverizing existing roadway and surfacing materials, mixing pulverized material with cement to create soil-cement, watering, grading, and compacting to achieve a cement treated base.

4-05.2 Materials

Materials shall meet the following requirements:

Portland Cement shall be Type II per Standard Specification Section 9-01. Pozzolanic material shall not be used as a substitute for Portland Cement.

Crushed Surfacing Base Course per Standard Specification Section 9-03.

Existing Roadway Materials shall consist of existing asphalt pavements, existing surfacing materials, native soils, and any supplemental materials as directed by the Engineer. Existing material depths vary. The following table summarizes existing material depths by location:

Location	Asphalt Depth	Surfacing Depth	Bore Description & Date
M101+58 (11.4' Rt)	0.45 Ft	0.30 Ft	Field Sample 10/28/20
M133+79 (4.6' Rt)	0.40 Ft	0.35 Ft	Field Sample 10/28/20
M160+19 (Centerline)	0.45 Ft	0.30 Ft	Field Sample 10/28/20
M186+59 (5.1' Lt)	0.45 Ft	0.30 Ft	Field Sample 10/28/20
M212+99 (10.8' Lt)	0.45 Ft	0.30 Ft	Field Sample 10/28/20
M226+72 (Centerline)	0.45 Ft	0.30 Ft	Field Sample 10/28/20

4-05.3 Construction Requirements

4-05.3(1) Equipment

Unless otherwise approved by the Engineer, all equipment used to construct Full Depth Reclamation shall meet the requirements of the following sections.

4-05.3(1)A Reclaimer/Stabilizer

Pulverizing existing roadway and soil-cement mixing shall be constructed using a BOMAG MPH-100, CMI-RS 500, or approved equal meeting the following requirements:

- Capable of two directional processing, both up and down cutting;
- Capable of maintaining continuous cross slope control;
- Capable of maintaining constant mixing depth;
- Capable of processing a minimum of 8 feet wide in a single pass;
- Equipped with proper fittings to connect directly to a water truck/tanker during the mixing process;
- Equipped with a fully computerized automatic water additive system, which shall include a totalizer, so that the amount of water used during any given period can be read directly.

- Equipped with a gauge to indicate the instantaneous application rate of water during the mixing operation;
- Capable of pushing or pulling water tankers during the mixing process.

4-05.3(1)B Water Trucks/Tankers

A minimum of two Water Trucks/Tankers shall be on-site to ensure that the mixing process is continuous and uninterrupted. Each Water Truck/Tanker used for pulverizing existing roadway and mixing soil-cement shall meet the following requirements:

- Equipped with a 3000 gallon minimum capacity;
- Equipped with the proper fitting to connect directly to the Reclaimer/Stabilizer during the mixing process;
- Capable of distributing water into the mixing chamber of the Reclaimer/Stabilizer;
- Capable of moving under its own power or capable of being pushed or pulled by the Reclaimer/Stabilizer during the mixing process.

4-05.3(1)C Cement Distributor

The equipment used to spread cementitious material (lime, fly ash, Portland cement, etc.) shall meet the following requirements:

- Capable of self-propulsion or being truck mounted;
- Equipped with a hopper to hold cementitious material during the spreading process;
- Equipped with an onboard scale that provides a readout of the weight of the material in the hopper;
- Equipped with a control system capable of measuring the cement application rate to the nearest pound per square yard;
- Equipped with a gauge to display the speed of application in feet per minute;
- Equipped with a RPM vane feeder;
- Capable of spreading material a minimum of 8 feet wide and at a rate of 100 pounds per square yard in a single pass;
- Capable of controlling and changing the material application rate;
- Equipped with a distribution chamber capable of spreading material in 2 feet wide maximum increments.
- Equipped with dual augers or other means to supply material to the distribution chamber at a continuous and even flow rate;
- Equipped with an onboard distance measuring device that measures the length of material application;
- Equipped with a skirt and/or dust recovery system to control airborne cement dust during the application process.

4-05.3(1)D Compaction and Microcracking Equipment

Sheepsfoot roller(s) used for pulverizing existing pavement and base shall be a vibratory roller having a dynamic force of at least 30,000 pounds.

Smooth drum roller(s) used for microcracking shall be a vibratory roller having a dynamic force of at least 30,000 pounds.

4-05.3(2) FDR Construction Stages

Unless otherwise approved by the Engineer, the Contractor shall construct FDR per the following stages:

Stage 1: Pulverizing Existing Pavement and Base, followed by
Stage 2: Pulverizing and Mixing Cement Base, followed by
Stage 3: Shaping and Compacting, followed by
Stage 4: Microcracking and Curing Cement Base

Requirements for each FDR stage are as follows:

4-05.3(2)A Stage 1 - Pulverizing Existing Pavement and Base

Pulverization includes the pulverizing, mixing, shaping, and compaction of the existing roadway materials to the lines and depth shown in the Plans. Pulverizing shall create a thoroughly mixed material, such that the material at the completion of moist-mixing, has a gradation consisting of 100% (by dry weight) passing a 2-in. sieve, exclusive of gravel or stone retained on these sieves. Existing materials shall be pulverized with water applied thru the Reclaimer/Stabilizer to reach a moisture content of 4% minimum and 6% maximum during pulverization

Immediately following pulverization, the pulverized material shall be compacted with a sheepsfoot roller, shaped, rolled and compacted to the grades and cross sections shown on the Plans and will be staked in the field by the Engineer prior to mixing. Prior to shaping the pulverized material, the Contractor shall compact the pulverized material by making a minimum of 3 passes with a sheepsfoot roller.

After shaping and compaction, the subgrade shall be smooth, firm and able to support, without displacement, the construction equipment and the compaction hereinafter specified. Soft or yielding subgrade shall be made stable before construction proceeds. Unsuitable soil material shall be removed and replaced with acceptable material, as directed by the Engineer.

The Contractor shall construct Crushed Surfacing Base Course per Section 4-04, at locations requiring additional material to achieve the lines, grades, and cross slopes shown in the Plans. The Engineer will determine these locations as the pulverized material is being shaped and compacted.

The Contractor shall notify the Engineer (5) days in advance for final top of rock hubbing, and allow 5 days for the Engineer to hub. Any imported material required to achieve the lines and grades as staked by the Engineer shall meet the specifications for Crushed Surfacing Base Course.

To prevent damage to culverts with less than 12-inches of cover, the Contractor shall excavate the roadway material over the culvert and replace it with Crushed Surfacing Base Course compacted to at least 95 percent of maximum density determined by the requirements of Section 2-03.3(14)D. Use of mechanical pulverizing or mixing equipment is not allowed at these locations during any FDR stage. The approximate depths and widths of these locations are shown in the Plans.

4-05.3(2)B Stage 2 - Pulverizing and Mixing Cement Base

Mixing of the existing pulverized roadway, cement, and water shall be accomplished by the mixed-in-place method. Application of cement will be at a uniform rate established by

the Engineer, estimated to be *** **4%** *** of the dry unit weight of the unmixed in-place material.

Cement shall not be applied when the soil or subgrade is frozen or when the air temperature is less than 40 degrees in the shade.

The percentage of moisture in the soil material, at the time of cement application, shall be the amount that assures a uniform and intimate mixture of pulverized asphalt and soil material and cement during mixing operations. It shall not exceed the specified optimum moisture content for the soil-cement mixture.

The operations of cement spreading, water application, mixing, hauling, shaping, compacting, and finishing shall be continuous and completed in daylight. The total elapsed time between the addition of water to the soil-cement mixture and the completion of finishing shall not exceed 2 hours.

The water shall be applied through the Reclaimer/Stabilizer. The pulverized asphalt, the soil material and cement shall be mixed sufficiently to prevent cement balls from forming when water is added. Mixing shall be continued until the mixture is uniform in color and at the required moisture content throughout. Operations of cement spreading, water application, mixing, and grading mixed material shall result in a uniform soil, cement, and water mixture for the full depth and width.

Cement treated materials placed on the roadway shoulder outside of the edge of pavement location shall be removed from the shoulder area and placed within the mixing area. Cement concrete pavement shall not be allowed to hydrate and harden on the shoulder. All cement remaining outside of the planned paved section shall be removed prior to paving operations, at the sole expense of the Contractor.

The cement shall be uniformly distributed and mixed with the pulverized material and any existing underlying material or imported material as specified. The mixing operation may be accomplished by using either the same Reclaimer/Stabilizer used for the pulverizing operation or a separate machine designed for in-place continuous mixing as approved by the Engineer. The Contractor shall set guide stakes, or another control method approved by the Engineer, to ensure accurate location and distribution of cement spreading and soil-cement mixing.

The application rate of the cement will be expressed in terms of pounds per square yard. This rate shall be calculated from the designated percent of cement based on the dry unit weight of the unmixed in-place material as determined by the Engineer. In order to provide a common proposal to all bidders a total quantity of Portland cement to be spread and incorporated into this project shall be ***__**690**__*** Tons (4% of the dry unit weight of the unmixed in-place subgrade at a cement density of 140 lbs/CF).

The mixing operation shall be completed in continuous full width segments unless otherwise approved by the Engineer.

4-05.3(2)C Stage 3 - Shaping and Compaction

At the start of compaction, the percentage of moisture in the mixture shall not be below or more than two percentage points above the specified optimum moisture content, and shall be less than that quantity which will cause the soil-cement mixture to become unstable during compaction and finishing. The optimum moisture and maximum density

shall be determined by the Engineer in the field at the time compaction begins by utilizing the Maximum Density Curve for the cement-soil material, as described in Section 2-03.3(14)D and in accordance to procedures of the standard Nuclear Densometer Test.

Prior to compaction, the mixed material shall be shaped by the Contractor, using a road grader, a mechanical spreader or paver, or grade trimmer of approved type.

The soil-cement mixture shall be compacted by the Contractor using a vibratory roller to at least 95% of the theoretical maximum density. Uncompacted soil-cement mixture shall not remain unworked for more than 30 minutes.

After shaping and compaction, the soil-cement mixture shall form a smooth, firm and unyielding, cement treated base that is free from irregularities and true to the lines, grades, and cross-slopes shown in the Plans.

4-05.3(2)D Stage 4 - Microcracking and Curing Cement Base

The Contractor shall cure the cement treated base by using one of the following methods:

Method 1:
Applying water within 24 hours of final compaction of the cement treated base. The entire surface of the cement treated base shall be kept visibly wet for a minimum of 48 hours or until microcracking is complete, whichever occurs last. Application of water shall not erode the surface of the cement treated base.

Method 2:
Applying a fog seal within 24 hours of final compaction of the cement treated base. The fog seal shall consist of CSS-1 or CSS-1h as specified in Section 5-02.2. The fog seal shall be applied using equipment as specified in Section 5-02.3(1). The fog seal shall be applied at the temperatures and rates as specified in Section 5-02.3(3). The finished application of fog seal shall cover the entire cement treated base surface and be free of streaks and bare spots.

Method 3:
Applying a liquid membrane-forming concrete curing compound Type 2 within 24 hours of final compaction of cement treated base. The curing compound shall meet the requirements of Section 5-05.3(13).

Prior to microcracking, the cement treated base shall be allowed to cure for a minimum of 48 hours after completing the curing method listed above. The Contractor shall not begin microcracking until the Engineer determines that the cement-treated base is adequately cured. The Contractor shall microcrack the cement treated base by making a minimum of five passes with smooth drum vibratory roller.

4-05.3(3) Construction Joints

At the beginning of each day's construction, the Contractor shall form a straight transverse construction joint by cutting back into the completed work.

Soil-cement for large, wide areas shall be built in a series of parallel lanes of convenient length and width meeting approval of the Engineer. Straight longitudinal joints shall be formed at edge of each day's construction by cutting back into completed work to form a true vertical face free of loose or shattered material.

The Contractor shall construct all joints to ensure a vertical joint, adequately mixed material, and compaction against joint edges. On mixed-in-place construction using transverse shaft mixers, a longitudinal joint may be constructed adjacent to partially hardened soil cement constructed the preceding day by cutting back into the previously constructed area during mixing operations.

4-05.3(4) Maintenance of Traffic

The road will remain open to all traffic for the duration of the FDR construction. The Contractor shall utilize pilot car operations during working hours and as long as the road surface is not in a firm and unyielding condition. The Contractor shall ensure the road surface is firm and unyielding for unrestricted use at the end of each working day.

4-05.3(5) FDR Acceptance

The Contractor shall replace the FDR, for its full depth, any portion(s) of completed FDR that contain one or more of the following deficiencies as determined by the Engineer:

- Decomposition of the cement treated base due to inadequate cement, inadequate mixing of soil-cement, or inadequate shaping and compaction of soil-cement as evidenced by raveling, potholing, spalling, or segregation of the soil-cement mixture.
- Cracks greater than or equal to 0.5 feet in length and greater than or equal to 0.03 feet in width per square foot of surface area. With total cracking exceeding 10 LF within a 50 LF section of lane.
- Longitudinal and/or transverse grooving or rutting greater than 0.03 feet in depth.

FDR determined to be deficient for the reasons listed above or any other reason as determined by the Engineer, shall be replaced by the Contractor at no additional cost to the Contracting Agency. Unless otherwise approved by the Engineer, the Contractor shall replace deficient FDR by performing the entire FDR process for a minimum of 50 LF for the entire lane and shoulder width containing the deficiency.

4-05.4 Measurement

Pulverizing Existing Pavement and Base will be measured by the square yard of completed surface.

Pulverizing and Mixing Cement Base will be measured by the square yard of completed surface.

Portland Cement Concrete Type II will be measured by the ton in accordance with Section 1-09.

Microcracking and Curing Cement Base will be measured by the square yard of completed surface.

Crushed Surfacing Base Course will be measured by the ton in accordance with Section 4-04.

4-05.5 Payment

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

"Pulverizing Existing Pavement and Base", per square yard, shall be full compensation for all costs incurred for equipment, labor, water, and materials necessary to complete the Work as specified.

"Pulverizing and Mixing Cement Base", per square yard, shall be full compensation for all costs incurred for equipment, labor, water, and materials necessary to complete the Work as specified.

"Portland Cement Concrete Type II", per ton, shall be full compensation for all cost incurred for procuring and delivering materials, equipment, and labor necessary to complete the Work as specified.

"Microcracking and Curing Cement Base", per square yard, shall be full compensation for all costs incurred for procurement and delivery of materials, equipment, and labor necessary to complete Work as specified.

"Roadway Excavation Incl. Haul", per cubic yard, in accordance with Section 2-03.

"Crushed Surfacing Base Course", per ton, in accordance with Section 4-04.

Division 5
Surface Treatments and Pavements

5-04 Hot Mix Asphalt

(July 18, 2018 APWA GSP)

Delete Section 5-04 and amendments, Hot Mix Asphalt and replace it with the following:

5-04.1 Description

This Work shall consist of providing and placing one or more layers of plant-mixed hot mix asphalt (HMA) on a prepared foundation or base in accordance with these Specifications and the lines, grades, thicknesses, and typical cross-sections shown in the Plans. The manufacture of HMA may include warm mix asphalt (WMA) processes in accordance with these Specifications. WMA processes include organic additives, chemical additives, and foaming.

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

5-04.2 Materials

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5

Aggregates	9-03.8
Recycled Asphalt Pavement	9-03.8(3)B
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21
Portland Cement	9-01
Sand	9-03.1(2)
(As noted in 5-04.3(5)C for crack sealing)	
Joint Sealant	9-04.2
Foam Backer Rod	9-04.2(3)A

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

The Contractor may choose to utilize recycled asphalt pavement (RAP) in the production of HMA. The RAP may be from pavements removed under the Contract, if any, or pavement material from an existing stockpile.

The Contractor may use up to 20 percent RAP by total weight of HMA with no additional sampling or testing of the RAP. The RAP shall be sampled and tested at a frequency of one sample for every 1,000 tons produced and not less than ten samples per project. The asphalt content and gradation test data shall be reported to the Contracting Agency when submitting the mix design for approval on the QPL. The Contractor shall include the RAP as part of the mix design as defined in these Specifications.

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

The Contractor may only use warm mix asphalt (WMA) processes in the production of HMA with 20 percent or less RAP by total weight of HMA. The Contractor shall submit to the Engineer for approval the process that is proposed and how it will be used in the manufacture of HMA.

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

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

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

5-04.2(1)A Vacant

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

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

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

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

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

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

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

Mix designs for HMA accepted by Nonstatistical evaluation shall;

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

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

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

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

5-04.2(2)B Using Warm Mix Asphalt Processes

The Contractor may elect to use additives that reduce the optimum mixing temperature or serve as a compaction aid for producing HMA. Additives include organic additives, chemical additives and foaming processes. The use of Additives is subject to the following:

- Do not use additives that reduce the mixing temperature more than allowed in Section 5-04.3(6) in the production of mixtures.
- Before using additives, obtain the Engineer's approval using WSDOT Form 350-076 to describe the proposed additive and process.

(January 3, 2011)
ESAL's

The number of ESAL's for the design and acceptance of the HMA shall be *** 0.3 to 3.0 *** million.

5-04.3 Construction Requirements

5-04.3(1) Weather Limitations

Do not place HMA for wearing course on any Traveled Way beginning October 1st through March 31st of the following year without written concurrence from the Engineer.

Do not place HMA on any wet surface, or when the average surface temperatures are less than those specified below, or when weather conditions otherwise prevent the proper handling or finishing of the HMA.

Minimum Surface Temperature for Paving

Compacted Thickness (Feet)	Wearing Course	Other Courses
Less than 0.10	55◦F	45◦F
0.10 to .20	45◦F	35◦F
More than 0.20	35◦F	35◦F

5-04.3(2) Paving Under Traffic

When the Roadway being paved is open to traffic, the requirements of this Section shall apply.

The Contractor shall keep intersections open to traffic at all times except when paving the intersection or paving across the intersection. During such time, and provided that there has been an advance warning to the public, the intersection may be closed for the

minimum time required to place and compact the mixture. In hot weather, the Engineer may require the application of water to the pavement to accelerate the finish rolling of the pavement and to shorten the time required before reopening to traffic.

Before closing an intersection, advance warning signs shall be placed and signs shall also be placed marking the detour or alternate route.

During paving operations, temporary pavement markings shall be maintained throughout the project. Temporary pavement markings shall be installed on the Roadway prior to opening to traffic. Temporary pavement markings shall be in accordance with Section 8-23.

All costs in connection with performing the Work in accordance with these requirements, except the cost of temporary pavement markings, shall be included in the unit Contract prices for the various Bid items involved in the Contract.

5-04.3(3) Equipment

5-04.3(3)A Mixing Plant

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

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

4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall meet the requirements of Section 1-05.6 for the crushing and screening operation. The Contractor shall provide for the setup and operation of the field testing facilities of the Contracting Agency as provided for in Section 3-01.2(2).
5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following methods:
    a. A mechanical sampling device attached to the HMA plant.
    b. Platforms or devices to enable sampling from the hauling vehicle without entering the hauling vehicle.

5-04.3(3)B Hauling Equipment

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

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

5-04.3(3)C Pavers

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

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

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

When specified in the Contract, reference lines for vertical control will be required. Lines shall be placed on both outer edges of the Traveled Way of each Roadway. Horizontal control utilizing the reference line will be permitted. The grade and slope for intermediate

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

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

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

5-04.3(3)D Material Transfer Device or Material Transfer Vehicle

A Material Transfer Device/Vehicle (MTD/V) shall only be used with the Engineer's approval, unless other-wise required by the contract.

Where an MTD/V is required by the contract, the Engineer may approve paving without an MTD/V, at the request of the Contractor. The Engineer will determine if an equitable adjustment in cost or time is due.

When used, the MTD/V shall mix the HMA after delivery by the hauling equipment and prior to laydown by the paving machine. Mixing of the HMA shall be sufficient to obtain a uniform temperature throughout the mixture. If a windrow elevator is used, the length of the windrow may be limited in urban areas or through intersections, at the discretion of the Engineer.

To be approved for use, an MTV:

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

To be approved for use, an MTD:

1. Shall be positively connected to the paver.

2. May accept HMA directly from the haul vehicle or pick up HMA from a windrow.
3. Shall mix the HMA after delivery by the hauling equipment and prior to placement into the paving machine.
4. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.

5-04.3(3)E Rollers

Rollers shall be of the steel wheel, vibratory, oscillatory, or pneumatic tire type, in good condition and capable of reversing without backlash. Operation of the roller shall be in accordance with the manufacturer's recommendations. When ordered by the Engineer for any roller planned for use on the project, the Contractor shall provide a copy of the manufacturer's recommendation for the use of that roller for compaction of HMA. The number and weight of rollers shall be sufficient to compact the mixture in compliance with the requirements of Section 5-04.3(10). The use of equipment that results in crushing of the aggregate will not be permitted. Rollers producing pickup, washboard, uneven compaction of the surface, displacement of the mixture or other undesirable results shall not be used.

5-04.3(4) Preparation of Existing Paved Surfaces

When the surface of the existing pavement or old base is irregular, the Contractor shall bring it to a uniform grade and cross-section as shown on the Plans or approved by the Engineer.

Preleveling of uneven or broken surfaces over which HMA is to be placed may be accomplished by using an asphalt paver, a motor patrol grader, or by hand raking, as approved by the Engineer.

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

Before construction of HMA on an existing paved surface, the entire surface of the pavement shall be clean. All fatty asphalt patches, grease drippings, and other objectionable matter shall be entirely removed from the existing pavement. All pavements or bituminous surfaces shall be thoroughly cleaned of dust, soil, pavement grindings, and other foreign matter. All holes and small depressions shall be filled with an appropriate class of HMA. The surface of the patched area shall be leveled and compacted thoroughly. Prior to the application of tack coat, or paving, the condition of the surface shall be approved by the Engineer.

A tack coat of asphalt shall be applied to all paved surfaces on which any course of HMA is to be placed or abutted; except that tack coat may be omitted from clean, newly paved surfaces at the discretion of the Engineer. Tack coat shall be uniformly applied to cover the existing pavement with a thin film of residual asphalt free of streaks and bare spots at a rate between 0.02 and 0.10 gallons per square yard of retained asphalt. The rate of application shall be approved by the Engineer. A heavy application of tack coat shall be applied to all joints. For Roadways open to traffic, the application of tack coat shall be

limited to surfaces that will be paved during the same working shift. The spreading equipment shall be equipped with a thermometer to indicate the temperature of the tack coat material.

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

The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h emulsified asphalt may be diluted once with water at a rate not to exceed one part water to one part emulsified asphalt. The tack coat shall have sufficient temperature such that it may be applied uniformly at the specified rate of application and shall not exceed the maximum temperature recommended by the emulsified asphalt manufacturer.

5-04.3(4)A Crack Sealing

5-04.3(4)A1 General

When the Proposal includes a pay item for crack sealing, seal all cracks ¼ inch in width and greater.

Cleaning: Ensure that cracks are thoroughly clean, dry and free of all loose and foreign material when filling with crack sealant material. Use a hot compressed air lance to dry and warm the pavement surfaces within the crack immediately prior to filling a crack with the sealant material. Do not overheat pavement. Do not use direct flame dryers. Routing cracks is not required.

Sand Slurry: For cracks that are to be filled with sand slurry, thoroughly mix the components and pour the mixture into the cracks until full. Add additional CSS-1 cationic emulsified asphalt to the sand slurry as needed for workability to ensure the mixture will completely fill the cracks. Strike off the sand slurry flush with the existing pavement surface and allow the mixture to cure. Top off cracks that were not completely filled with additional sand slurry. Do not place the HMA overlay until the slurry has fully cured.

The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt, approximately 2 percent portland cement, water (if required), and the remainder clean Class 1 or 2 fine aggregate per section 9-03.1(2). The components shall be thoroughly mixed and then poured into the cracks and joints until full. The following day, any cracks or joints that are not completely filled shall be topped off with additional sand slurry. After the sand slurry is placed, the filler shall be struck off flush with the existing pavement surface and allowed to cure. The HMA overlay shall not be placed until the slurry has fully cured. The requirements of Section 1-06 will not apply to the portland cement and sand used in the sand slurry.

In areas where HMA will be placed, use sand slurry to fill the cracks.

In areas where HMA will not be placed, fill the cracks as follows:

1. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.
2. Cracks greater than 1 inch in width – fill with sand slurry.

Hot Poured Sealant: For cracks that are to be filled with hot poured sealant, apply the material in accordance with these requirements and the manufacturer's recommendations. Furnish a Type 1 Working Drawing of the manufacturer's product information and recommendations to the Engineer prior to the start of work, including the manufacturer's recommended heating time and temperatures, allowable storage time and temperatures after initial heating, allowable reheating criteria, and application temperature range. Confine hot poured sealant material within the crack. Clean any overflow of sealant from the pavement surface. If, in the opinion of the Engineer, the Contractor's method of sealing the cracks with hot poured sealant results in an excessive amount of material on the pavement surface, stop and correct the operation to eliminate the excess material.

5-04.3(4)A2 Crack Sealing Areas Prior to Paving

In areas where HMA will be placed, use sand slurry to fill the cracks.

5-04.3(4)A3 Crack Sealing Areas Not to be Paved

In areas where HMA will not be placed, fill the cracks as follows:

A. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.
B. Cracks greater than 1 inch in width – fill with sand slurry.

5-04.3(4)B Vacant

5-04.3(4)C Pavement Repair

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

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

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

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

5-04.3(5) Producing/Stockpiling Aggregates and RAP

Aggregates and RAP shall be stockpiled according to the requirements of Section 3-02. Sufficient storage space shall be provided for each size of aggregate and RAP. Materials shall be removed from stockpile(s) in a manner to ensure minimal segregation when being moved to the HMA plant for processing into the final mixture. Different aggregate sizes shall be kept separated until they have been delivered to the HMA plant.

5-04.3(5)A Vacant

5-04.3(6) Mixing

After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping additives have been introduced into the mixer the HMA shall be mixed until complete and uniform coating of the particles and thorough distribution of the asphalt binder throughout the mineral materials is ensured.

When discharged, the temperature of the HMA shall not exceed the optimum mixing temperature by more than 25°F as shown on the reference mix design report or as approved by the Engineer. Also, when a WMA additive is included in the manufacture of HMA, the discharge temperature of the HMA shall not exceed the maximum recommended by the manufacturer of the WMA additive. A maximum water content of 2 percent in the mix, at discharge, will be allowed providing the water causes no problems with handling, stripping, or flushing. If the water in the HMA causes any of these problems, the moisture content shall be reduced as directed by the Engineer.

Storing or holding of the HMA in approved storage facilities will be permitted with approval of the Engineer, but in no event shall the HMA be held for more than 24 hours. HMA held for more than 24 hours after mixing shall be rejected. Rejected HMA shall be disposed of by the Contractor at no expense to the Contracting Agency. The storage facility shall have an accessible device located at the top of the cone or about the third point. The device shall indicate the amount of material in storage. No HMA shall be accepted from the storage facility when the HMA in storage is below the top of the cone of the storage facility, except as the storage facility is being emptied at the end of the working shift.

Recycled asphalt pavement (RAP) utilized in the production of HMA shall be sized prior to entering the mixer so that a uniform and thoroughly mixed HMA is produced. If there is evidence of the recycled asphalt pavement not breaking down during the heating and mixing of the HMA, the Contractor shall immediately suspend the use of the RAP until changes have been approved by the Engineer. After the required amount of mineral

materials, RAP, new asphalt binder and asphalt rejuvenator have been introduced into the mixer the HMA shall be mixed until complete and uniform coating of the particles and thorough distribution of the asphalt binder throughout the mineral materials, and RAP is ensured.

5-04.3(7) Spreading and Finishing

The mixture shall be laid upon an approved surface, spread, and struck off to the grade and elevation established. HMA pavers complying with Section 5-04.3(3) shall be used to distribute the mixture. Unless otherwise directed by the Engineer, the nominal compacted depth of any layer of any course shall not exceed the following:

HMA Class 1”		0.35 feet
HMA Class ¾” and HMA Class ½”		
	wearing course	0.30 feet
	other courses	0.35 feet
HMA Class ⅜”		0.15 feet

On areas where irregularities or unavoidable obstacles make the use of mechanical spreading and finishing equipment impractical, the paving may be done with other equipment or by hand.

When more than one JMF is being utilized to produce HMA, the material produced for each JMF shall be placed by separate spreading and compacting equipment. The intermingling of HMA produced from more than one JMF is prohibited. Each strip of HMA placed during a work shift shall conform to a single JMF established for the class of HMA specified unless there is a need to make an adjustment in the JMF.

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

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

5-04.3(9) HMA Mixture Acceptance

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

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

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

The mix design will be the initial JMF for the class of HMA. The Contractor may request a change in the JMF. Any adjustments to the JMF will require the approval of the Engineer and may be made in accordance with this section.

HMA Tolerances and Adjustments

1. **Job Mix Formula Tolerances** – The constituents of the mixture at the time of acceptance shall be within tolerance. The tolerance limits will be established as follows:

   For Asphalt Binder and Air Voids (Va), the acceptance limits are determined by adding the tolerances below to the approved JMF values. These values will also be the Upper Specification Limit (USL) and Lower Specification Limit (LSL) required in Section 1-06.2(2)D2

Property	Non-Statistical Evaluation	Commercial Evaluation
Asphalt Binder	+/- 0.5%	+/- 0.7%
Air Voids, Va	2.5% min. and 5.5% max	N/A

   For Aggregates in the mixture:

   a. First, determine preliminary upper and lower acceptance limits by applying the following tolerances to the approved JMF.

Aggregate Percent Passing	Non-Statistical Evaluation	Commercial Evaluation
1", ¾", ½", and 3/8" sieves	+/- 6%	+/- 8%
No. 4 sieve	+/-6%	+/- 8%
No. 8 Sieve	+/- 6%	+/-8%
No. 200 sieve	+/- 2.0%	+/- 3.0%

   b. Second, adjust the preliminary upper and lower acceptance limits determined from step (a) the minimum amount necessary so that none of the aggregate properties are outside the control points in Section 9-03.8(6). The resulting values will be the upper and lower acceptance limits for aggregates, as well as the USL and LSL required in Section 1-06.2(2)D2.

2. Job Mix Formula Adjustments – An adjustment to the aggregate gradation or asphalt binder content of the JMF requires approval of the Engineer. Adjustments to the JMF will only be considered if the change produces material of equal or better quality and may require the development of a new mix design if the adjustment exceeds the amounts listed below.

   a. **Aggregates** –2 percent for the aggregate passing the 1½″, 1″, ¾″, ½″, ⅜″, and the No. 4 sieves, 1 percent for aggregate passing the No. 8 sieve, and 0.5 percent for the aggregate passing the No. 200 sieve. The adjusted JMF shall be within the range of the control points in Section 9-03.8(6).

   b. **Asphalt Binder Con**tent – The Engineer may order or approve changes to asphalt binder content. The maximum adjustment from the approved mix design for the asphalt binder content shall be 0.3 percent

5-04.3(9)A Vacant

5-04.3(9)B Vacant

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

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

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

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

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

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

5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling

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

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

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

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

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

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

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

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

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

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

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

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

5-04.3(9)C5 Vacant

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

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

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

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

The Contractor may request a sublot be retested. To request a retest, the Contractor shall submit a written request within 7 calendar days after the specific test results have been received. A split of the original acceptance sample will be retested. The split of the sample will not be tested with the same tester that ran the original acceptance test. The sample will be tested for a complete gradation analysis, asphalt binder content, and, at

the option of the agency, V_a. The results of the retest will be used for the acceptance of the HMA in place of the original sublot sample test results. The cost of testing will be deducted from any monies due or that may come due the Contractor under the Contract at the rate of $500 per sample.

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

If sampled and tested, HMA produced under Commercial Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price with no further evaluation. When one or more constituents fall outside the commercial tolerance limits in the Job Mix Formula shown in 5-04.3(9), the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The commercial tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the street shall be tested to provide a minimum of three sets of results for evaluation.

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

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

5-04.3(10) HMA Compaction Acceptance

HMA mixture accepted by nonstatistical evaluation that is used in traffic lanes, including lanes for intersections, ramps, truck climbing, weaving, and speed change, and having a specified compacted course thickness greater than 0.10-foot, shall be compacted to a specified level of relative density. The specified level of relative density shall be a Composite Pay Factor (CPF) of not less than 0.75 when evaluated in accordance with Section 1-06.2, using a LSL of 92.0 (minimum of 92 percent of the maximum density). The maximum density shall be determined by WSDOT FOP for AASHTO T 729. The specified level of density attained will be determined by the evaluation of the density of the pavement. The density of the pavement shall be determined in accordance with WSDOT FOP for WAQTC TM 8, except that gauge correlation will be at the discretion of the Engineer, when using the nuclear density gauge and WSDOT SOP 736 when using cores to determine density.

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

If the Contracting Agency uses a nuclear density gauge to determine density the test procedures FOP for WAQTC TM 8 and WSDOT SOP T 729 will be used on the day the mix is placed and prior to opening to traffic.

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

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

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

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

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

Test Results

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

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

5-04.3(10)A HMA Compaction – General Compaction Requirements

Compaction shall take place when the mixture is in the proper condition so that no undue displacement, cracking, or shoving occurs. Areas inaccessible to large compaction

equipment shall be compacted by other mechanical means. Any HMA that becomes loose, broken, contaminated, shows an excess or deficiency of asphalt, or is in any way defective, shall be removed and replaced with new hot mix that shall be immediately compacted to conform to the surrounding area.

The type of rollers to be used and their relative position in the compaction sequence shall generally be the Contractor's option, provided the specified densities are attained. Unless the Engineer has approved otherwise, rollers shall only be operated in the static mode when the internal temperature of the mix is less than 175°F. Regardless of mix temperature, a roller shall not be operated in a mode that results in checking or cracking of the mat. Rollers shall only be operated in static mode on bridge decks.

5-04.3(10)B HMA Compaction – Cyclic Density

Low cyclic density areas are defined as spots or streaks in the pavement that are less than 90 percent of the theoretical maximum density. At the Engineer's discretion, the Engineer may evaluate the HMA pavement for low cyclic density, and when doing so will follow WSDOT SOP 733. A $500 Cyclic Density Price Adjustment will be assessed for any 500-foot section with two or more density readings below 90 percent of the theoretical maximum density.

5-04.3(10)C Vacant

5-04.3(10)D HMA Nonstatistical Compaction

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

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

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

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

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

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

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

The location of the HMA compaction acceptance tests will be randomly selected by the Engineer from within each sublot, with one test per sublot.

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

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

For compaction below the required 92% a Non-Conforming Compaction Factor (NCCF) will be determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of CPF, the quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of mix.

5-04.3(11) Reject Work

5-04.3(11)A Reject Work General

Work that is defective or does not conform to Contract requirements shall be rejected. The Contractor may propose, in writing, alternatives to removal and replacement of rejected material. Acceptability of such alternative proposals will be determined at the sole discretion of the Engineer. HMA that has been rejected is subject to the requirements in Section 1-06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to the Engineer for approval.

5-04.3(11)B Rejection by Contractor

The Contractor may, prior to sampling, elect to remove any defective material and replace it with new material. Any such new material will be sampled, tested, and evaluated for acceptance.

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

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

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

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

In addition to the random acceptance sampling and testing, the Engineer may also isolate from a normal sublot any material that is suspected of being defective in relative density, gradation or asphalt binder content. Such isolated material will not include an original sample location. A minimum of three random samples of the suspect material will be obtained and tested. The material will then be statistically evaluated as an independent lot in accordance with Section 1-06.2(2).

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

An entire sublot that is suspected of being defective may be rejected. When a sublot is rejected a minimum of two additional random samples from this sublot will be obtained. These additional samples and the original sublot will be evaluated as an independent lot in accordance with Section 1-06.2(2).

5-04.3(11)F Rejection - A Lot in Progress

The Contractor shall shut down operations and shall not resume HMA placement until such time as the Engineer is satisfied that material conforming to the Specifications can be produced:

1. When the Composite Pay Factor (CPF) of a lot in progress drops below 1.00 and the Contractor is taking no corrective action, or
2. When the Pay Factor (PF) for any constituent of a lot in progress drops below 0.95 and the Contractor is taking no corrective action, or
3. When either the PFi for any constituent or the CPF of a lot in progress is less than 0.75.

5-04.3(11)G Rejection - An Entire Lot (Mixture or Compaction)

An entire lot with a CPF of less than 0.75 will be rejected.

5-04.3(12) Joints

5-04.3(12)A HMA Joints

5-04.3(12)A1 Transverse Joints

The Contractor shall conduct operations such that the placing of the top or wearing course is a continuous operation or as close to continuous as possible. Unscheduled transverse joints will be allowed and the roller may pass over the unprotected end of the freshly laid mixture only when the placement of the course must be discontinued for such a length of time that the mixture will cool below compaction temperature. When the Work is resumed, the previously compacted mixture shall be cut back to produce a slightly beveled edge for the full thickness of the course.

A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse joint as a result of paving or planing is open to traffic. The HMA in the temporary wedge shall be separated from the permanent HMA by strips of heavy wrapping paper or other methods approved by the Engineer. The wrapping paper shall be removed and the joint trimmed to a slightly beveled edge for the full thickness of the course prior to resumption of paving.

The material that is cut away shall be wasted and new mix shall be laid against the cut. Rollers or tamping irons shall be used to seal the joint.

5-04.3(12)A2 Longitudinal Joints

The longitudinal joint in any one course shall be offset from the course immediately below by not more than 6 inches nor less than 2 inches. All longitudinal joints constructed in the wearing course shall be located at a lane line or an edge line of the Traveled Way. A notched wedge joint shall be constructed along all longitudinal joints in the wearing surface of new HMA unless otherwise approved by the Engineer. The notched wedge joint shall have a vertical edge of not less than the maximum aggregate size or more than ½ of the compacted lift thickness and then taper down on a slope not steeper than 4H:1V. The sloped portion of the HMA notched wedge joint shall be uniformly compacted.

5-04.3(12)B Bridge Paving Joint Seals

5-04.3(12)B1 HMA Sawcut and Seal

Prior to placing HMA on the bridge deck, establish sawcut alignment points at both ends of the bridge paving joint seals to be placed at the bridge ends, and at interior joints within the bridge deck when and where shown in the Plans. Establish the sawcut alignment points in a manner that they remain functional for use in aligning the sawcut after placing the overlay.

Submit a Type 1 Working Drawing consisting of the sealant manufacturer’s application procedure.

Construct the bridge paving joint seal as specified in the Plans and in accordance with the detail shown in the Standard Plans. Construct the sawcut in accordance with the detail shown in the Standard Plan. Construct the sawcut in accordance with Section 5-05.3(8)B and the manufacturer's application procedure.

5-04.3(12)B2 Paved Panel Joint Seal

Construct the paved panel joint seal in accordance with the requirements specified in section 5-04.3(12)B1 and the following requirement:

1. Clean and seal the existing joint between concrete panels in accordance with Section 5-01.3(8) and the details shown in the Standard Plans.

5-04.3(13) Surface Smoothness

The completed surface of all courses shall be of uniform texture, smooth, uniform as to crown and grade, and free from defects of all kinds. The completed surface of the wearing course shall not vary more than ⅛ inch from the lower edge of a 10-foot straightedge placed on the surface parallel to the centerline. The transverse slope of the completed surface of the wearing course shall vary not more than ¼ inch in 10 feet from the rate of transverse slope shown in the Plans.

When deviations in excess of the above tolerances are found that result from a high place in the HMA, the pavement surface shall be corrected by one of the following methods:

1. Removal of material from high places by grinding with an approved grinding machine, or
2. Removal and replacement of the wearing course of HMA, or
3. By other method approved by the Engineer.

Correction of defects shall be carried out until there are no deviations anywhere greater than the allowable tolerances.

Deviations in excess of the above tolerances that result from a low place in the HMA and deviations resulting from a high place where corrective action, in the opinion of the Engineer, will not produce satisfactory results will be accepted with a price adjustment. The Engineer shall deduct from monies due or that may become due to the Contractor the sum of $500.00 for each and every section of single traffic lane 100 feet in length in which any excessive deviations described above are found.

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

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

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

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

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

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

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

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

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

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

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

After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract, patched and preleveled.

The Engineer may direct additional depth planing. Before performing this additional depth planing, the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-04.3(14)A.

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

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

Should such metal be identified, promptly notify the Engineer.

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

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

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

5-04.3(14)B1 General

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

1. Intersections:

    a. Keep intersections open to traffic at all times, except when paving or planing operations through an intersection requires closure. Such closure must be kept to the minimum time required to place and compact the HMA mixture, or plane as appropriate. For paving, schedule such closure to individual lanes or portions thereof that allows the traffic volumes and schedule of traffic volumes required in the approved traffic control plan. Schedule work so that adjacent intersections are not impacted at the same time and comply with the traffic control restrictions required by the Traffic Engineer. Each individual intersection closure or partial closure, must be addressed in the traffic control plan, which must be submitted to and accepted by the Engineer, see Section 1-10.2(2).

    b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.

    c. Should closure of the intersection in its entirety be necessary, and no trolley service is impacted, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.

    d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.

    e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.

2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
3. Permanent pavement marking must comply with Section 8-22.

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

The Contractor must submit a separate planing plan and a separate paving plan to the Engineer at least 5 Working Days in advance of each operation's activity start date. These plans must show how the moving operation and traffic control are coordinated, as they will be discussed at the pre-planing briefing and pre-paving briefing. When requested by the Engineer, the Contractor must provide each operation's traffic control plan on 24 x 36 inch or larger size Shop Drawings with a scale showing both the area of operation and sufficient detail of traffic beyond the area of operation where detour traffic may be required. The scale on the Shop Drawings is 1 inch = 20 feet, which may be changed if the Engineer agrees sufficient detail is shown.

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

When intersections will be partially or totally blocked, provide adequately sized and noticeable signage alerting traffic of closures to come, a minimum 2 Working Days in advance. The traffic control plan must show where police officers will be stationed when signalization is or may be, countermanded, and show areas where flaggers are proposed.

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

1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each day's traffic control as it relates to the specific requirements of that day's planing and paving. Briefly describe the sequencing of traffic control consistent with the proposed planing and paving sequence, and scheduling of placement of temporary pavement markings and channelizing devices after each day's planing, and paving.
2. A copy of each intersection's traffic control plan.
3. Haul routes from Supplier facilities, and locations of temporary parking and staging areas, including return routes. Describe the complete round trip as it relates to the sequencing of paving operations.
4. Names and locations of HMA Supplier facilities to be used.
5. List of all equipment to be used for paving.
6. List of personnel and associated job classification assigned to each piece of paving equipment.
7. Description (geometric or narrative) of the scheduled sequence of planing and of paving, and intended area of planing and of paving for each day's work, must include the directions of proposed planing and of proposed paving, sequence of adjacent lane paving, sequence of skipped lane paving, intersection planing and paving scheduling and sequencing, and proposed notifications and coordinations

to be timely made. The plan must show HMA joints relative to the final pavement marking lane lines.

8. Names, job titles, and contact information for field, office, and plant supervisory personnel.
9. A copy of the approved Mix Designs.
10. Tonnage of HMA to be placed each day.
11. Approximate times and days for starting and ending daily operations.

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

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

1. General for both Paving Plan and for Planing Plan:
   a. The actual times of starting and ending daily operations.
   b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
   c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other con-tractors who may operate in the Project Site.
   d. Notifications required of Contractor activities, and coordinating with other entities and the public as necessary.
   e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
   f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed
   g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, street car rail, and castings, before planning, see Section 5-04.3(14)B2.
   h. Description of how flaggers will be coordinated with the planing, paving, and related operations.
   i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
   j. Other items the Engineer deems necessary to address.
2. Paving – additional topics:
   a. When to start applying tack and coordinating with paving.
   b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of

the personnel operating the types of equipment. Discuss the continuance of operator personnel for each type equipment as it relates to meeting Specification requirements.

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

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

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

5-04.3(15) Sealing Pavement Surfaces

Apply a fog seal where shown in the plans. Construct the fog seal in accordance with Section 5-02.3. Unless otherwise approved by the Engineer, apply the fog seal prior to opening to traffic.

5-04.3(16) HMA Road Approaches

HMA approaches shall be constructed at the locations shown in the Plans or where staked by the Engineer. The Work shall be performed in accordance with Section 5-04.

5-04.4 Measurement

HMA Cl. ___ PG ___, HMA for ___ Cl. ___ PG ___, and Commercial HMA will be measured by the ton in accordance with Section 1-09.2, with no deduction being made for the weight of asphalt binder, mineral filler, or any other component of the mixture. If the Contractor elects to remove and replace mix as allowed by Section 5-04.3(11), the material removed will not be measured.

Roadway cores will be measured per each for the number of cores taken.

Preparation of untreated roadway will be measured by the mile once along the centerline of the main line Roadway. No additional measurement will be made for ramps, Auxiliary Lanes, service roads, Frontage Roads, or Shoulders. Measurement will be to the nearest 0.01 mile.

Soil residual herbicide will be measured by the mile for the stated width to the nearest 0.01 mile or by the square yard, whichever is designated in the Proposal.

Pavement repair excavation will be measured by the square yard of surface marked prior to excavation.

Asphalt for prime coat will be measured by the ton in accordance with Section 1-09.2.

Prime coat aggregate will be measured by the cubic yard, truck measure, or by the ton, whichever is designated in the Proposal.

Asphalt for fog seal will be measured by the ton, as provided in Section 5-02.4.

Longitudinal joint seals between the HMA and cement concrete pavement will be measured by the linear foot along the line and slope of the completed joint seal.

Planing bituminous pavement will be measured by the square yard.

Temporary pavement marking will be measured by the linear foot as provided in Section 8-23.4.

Water will be measured by the M gallon as provided in Section 2-07.4.

5-04.5 Payment

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

"HMA Cl. ___ PG ___", per ton.

"HMA for Approach Cl. ___ PG ___", per ton.

"HMA for Preleveling Cl. ___ PG ___", per ton.

"HMA for Pavement Repair Cl. ___ PG ___", per ton.

"Commercial HMA", per ton.

The unit Contract price per ton for "HMA Cl. ___ PG ___", "HMA for Approach Cl. ___ PG ___", "HMA for Preleveling Cl. ___ PG ___", "HMA for Pavement Repair Cl. ___ PG ___", and "Commercial HMA" shall be full compensation for all costs, including anti-stripping additive, incurred to carry out the requirements of Section 5-04 except for those costs included in other items which are included in this Subsection and which are included in the Proposal.

"Preparation of Untreated Roadway", per mile.

The unit Contract price per mile for "Preparation of Untreated Roadway" shall be full pay for all Work described under 5-04.3(4) , with the exception, however, that all costs involved in patching the Roadway prior to placement of HMA shall be included in the unit Contract price per ton for "HMA Cl. ___ PG ___" which was used for patching. If the Proposal does not include a Bid item for "Preparation of Untreated Roadway", the Roadway shall be prepared as specified, but the Work shall be included in the Contract prices of the other items of Work.

"Preparation of Existing Paved Surfaces", per mile.

The unit Contract Price for “Preparation of Existing Paved Surfaces” shall be full pay for all Work described under Section 5-04.3(4) with the exception, however, that all costs involved in patching the Roadway prior to placement of HMA shall be included in the unit Contract price per ton for “HMA Cl. ___ PG ___” which was used for patching. If the Proposal does not include a Bid item for “Preparation of Untreated Roadway”, the Roadway shall be prepared as specified, but the Work shall be included in the Contract prices of the other items of Work.

“Crack Sealing”, by force account.

“Crack Sealing” will be paid for by force account as specified in Section 1-09.6. For the purpose of providing a common Proposal for all Bidders, the Contracting Agency has entered an amount in the Proposal to become a part of the total Bid by the Contractor.

“Pavement Repair Excavation Incl. Haul”, per square yard.

The unit Contract price per square yard for “Pavement Repair Excavation Incl. Haul” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(4) with the exception, however, that all costs involved in the placement of HMA shall be included in the unit Contract price per ton for “HMA for Pavement Repair Cl. ___ PG ___”, per ton.

“Asphalt for Prime Coat”, per ton.

The unit Contract price per ton for “Asphalt for Prime Coat” shall be full payment for all costs incurred to obtain, provide and install the material in accordance with Section 5-04.3(4).

“Prime Coat Agg.”, per cubic yard, or per ton.

The unit Contract price per cubic yard or per ton for “Prime Coat Agg.” shall be full pay for furnishing, loading, and hauling aggregate to the place of deposit and spreading the aggregate in the quantities required by the Engineer.

“Asphalt for Fog Seal”, per ton.

Payment for “Asphalt for Fog Seal” is described in Section 5-02.5.

“Longitudinal Joint Seal”, per linear foot.

The unit Contract price per linear foot for “Longitudinal Joint Seal” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(12).

“Planing Bituminous Pavement”, per square yard.

The unit Contract price per square yard for “Planing Bituminous Pavement” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(14).

“Temporary Pavement Marking”, per linear foot.

Payment for “Temporary Pavement Marking” is described in Section 8-23.5.

“Water”, per M gallon.

Payment for “Water” is described in Section 2-07.5.

“Job Mix Compliance Price Adjustment”, by calculation.

“Job Mix Compliance Price Adjustment” will be calculated and paid for as described in Section 5-04.3(9)C6.

“Compaction Price Adjustment”, by calculation.

“Compaction Price Adjustment” will be calculated and paid for as described in Section 5-04..3(10)D3.

“Roadway Core”, per each.

The Contractor’s costs for all other Work associated with the coring (e.g., traffic control) shall be incidental and included within the unit Bid price per each and no additional payments will be made.

“Cyclic Density Price Adjustment”, by calculation.

“Cyclic Density Price Adjustment” will be calculated and paid for as described in Section 5-04.3(10)B.

Division 8
Miscellaneous Construction

Guide Posts

Materials

Section 8-10.2 is supplemented with the following:

(******)

Guideposts shall be Type WW and Brown in color.

Construction Requirements

Section 8-10.3 is supplemented with the following:

(******)

The final guide posts lengths shall be determined by the Contractor and verified by the Engineer. Guide posts shall be installed at the beginning and end of each guardrail run, and then every 50 feet on center of the guardrail run, with a minimum of 3 guidepost per each guardrail run.

Guardrail

Construction Requirements

Beam Guardrail

Erection of Posts

The fourth paragraph of Section 8-11.3(1)A is revised to read:

(January 13, 2021)

In locations where posts are installed through asphalt or concrete pavement, first install openings in the pavement material called leave-outs. The leave-out opening shall either be a 15” x 15” square or a 15” diameter circle. Install the posts aligned centered in the leave-out opening except that a minimum 7” space from the back edge of the leave-out to the back of the post shall be provided. Backfill around the post in the leave-out with base course material. Tamp backfill manually so that the top of the compacted backfill is 1/2" below the pavement surface. Fill the remaining 1/2" of the leave-out with a polymer modified asphalt mastic that is level with the pavement surface. The polymer modified asphalt mastic shall meet the material requirements of Section 5-03.2 and be installed as specified in Section 5-03.3(1)C.

Removing Guardrail and Guardrail Anchor

Section 8-11.3(1)D is supplemented with the following:

(******)

The Contractor shall have the option to dispose of guardrail components, that are determined to be in good condition, by delivering the components to Contracting Agency provided sites. Guardrail components, that are determined to be in poor condition, shall become property of the Contractor and shall be removed from the project. The Engineer will determine the condition of the guardrail components after the components have been removed from the ground. Guardrail components in good condition may be delivered and unloaded at the following locations:

Chelan County Public Works
Cashmere District Shop
5815 Wescott Dr.
Cashmere, WA 98815

Payment

Section 8-11.5 is supplemented with the following:

(January 13, 2021)
All Costs in construction of guardrail leave-outs including all required materials as specified will be included in the unit Contract prices of the various guardrail bid items.

Monument Cases

Construction Requirements

Section 8-13.3 is revised to read:

(******)
The Contractor shall remove existing monument cases and covers at the location shown in the Plans and Specifications. Existing monument case and cover location shall be referenced by the Contractor prior to removal. Reference methods and procedures shall be submitted to the Engineer for approval prior to any removal activity. The Contactor shall ensure the reference offsets are not disturbed until the monument cases are replaced. All salvageable existing monument cases and covers shall become property of the Contracting Agency.

The Contracting Agency will supply the monument cases and covers. The Contractor shall install these monument cases and covers, as detailed in the Plans and Specifications, at the locations shown in the Plans.

The monument case shall be installed by the Contractor after the final course of pavement has been placed. The Contractor shall allow a minimum of 3 days, after the final course of pavement has been placed, for the Contracting Agency to set reference points for the monument pins. After the pins have been referenced, the Contractor shall cut the pavement in a restricted area only slightly larger than the ring flange in a neat circle that will allow base materials to be removed to permit setting of the monument case. The frame shall be set to the specified grade resting on a well compacted base.

The Contracting Agency will furnish and set the monument pin within the case after the Contractor has set and backfilled the monument case and cover. The Contractor shall provide traffic control for Contracting Agency forces to reference and set monument pins.

Payment

Section 8-13.5 is supplemented with the following:

(******)
All costs for the Contractor to provide traffic control for Contracting Agency forces to reference and set monuments shall be included in the lump sum price for “Project Temporary Traffic Control” as specified in Section 1-10.

Permanent Signing

Materials

Roadside Sign Structures

Section 9-06.16 is supplemented with the following:

(January 3, 2011)
Perforated Steel Square Sign Post System

Where noted in the Plans, steel sign post systems shall be square, pre-punched galvanized steel tubing, that are NCHRP 350 Test Level 3 Certified and FHWA approved. The steel sign post system shall include all anchor sleeves, and other hardware required for a complete sign installation.

System Acceptance

Systems listed in the current QPL will be accepted per the QPL approval code. Systems not listed in the QPL will be accepted based on a Supplier's Certificate of Compliance. The Supplier's Certificate of Compliance will be a contract specific letter from the supplier stating the system is NCHRP 350 Test Level 3 compliant.

General

(June 8, 2016 Chelan County GSP)

The first paragraph of Section 9-28.1 is revised to read:

All permanent signs shall be constructed of sheet aluminum. All signs, except internally illuminated signs, shall be reflectorized.

Sheet Aluminum Signs

(June 8, 2016 Chelan County GSP)

The table in Section 9-28.8 is deleted and replaced with the following table:

Maximum Horizontal Dimension	Sheet Aluminum Thickness
Less than 36 inches, inclusive	0.080 inches
Over 36 inches	0.125 inches

Sign Support Structures

Section 9-28.14 is supplemented with the following:

(September 8, 2020)
Manufacturers for Steel Roadside Sign Supports

The Standard Plans lists several steel sign support types. These supports are patented devices and many are sole-source. All of the sign support types listed below are acceptable when shown in the Plans.

Steel Sign Support Type	Manufacturer
Type TP-A & TP-B	Transpo Industries, Inc.
Type PL, PL-T & PL-U	Northwest Pipe Co.
Type AS	Transpo Industries, Inc.

Type AP	Transpo Industries, Inc.
Type ST 1, ST 2, ST 3, & ST 4	Ultimate Highway Solutions, Inc., Allied Tube & Conduit Corp. (Mechanical Division), Trinity Highway Products, LLC.
Type SB-1, SB-2, & SB-3	Ultimate Highway Solutions, Inc., Xcessories Squared Development and Manufacturing Incorporated, Trinity Highway Products, LLC.

Construction Requirements

Location of Signs

Section 8-21.3(1) is revised to read:

(January 28, 2021 Chelan County GSP)

Signs are located in the Plans by station numbers and/or milepost. These are tentative locations subject to change by the Engineer. The post lengths specified in the Plans are estimated for Bid purposes only. Prior to sign post fabrication, the Contractor shall verify final sign locations with the Engineer and determine final length of all sign posts.

Sign Removal

The fourth and fifth sentences of Section 8-21.3(4) are deleted and replaced with the following:

(January 28, 2021 Chelan County GSP)

All existing removed signs, fastening hardware, metal sign posts, metal anchors, and concrete barrier attachments, shall be salvaged and become property of the Contracting Agency. Existing signs and sign components in poor condition, existing signs and sign components damaged during removal, and all wood sign posts shall become property of the Contractor and shall be removed from the project. The Engineer will determine the condition of the sign and sign components after removal. The Contractor shall deliver the salvaged signs and sign components to the following location:

Chelan County Sign Shop
210 Easy St
Wenatchee, WA 98801

Pavement Marking

Description

Section 8-22.1 is supplemented with the following:

(******)

This Work consists of furnishing and installing Painted 6 In. Wide Line upon the Roadway surface in accordance with the Plans and these Specifications at locations shown in the Contract or as ordered by the Engineer in accordance with Section 1-04.4.

Materials

Section 8-22.2 is supplemented with the following:

(******)

Plastic pavement marking material shall conform to the following:

Long Line Markings:

Surface Mount-	Type D-Liquid Cold Applied Methyl Methacrylate (spray)
Grooved-	Type D-Liquid Cold Applied Methyl Methacrylate (spray or extruded)

Transverse and Symbol Markings:

Surface Mount-	Type B Preformed Fused Thermoplastic (heat fused) or Type D-Liquid Cold Applied Methacrylate (spray)

Measurement

Section 8-22.4 is supplemented with the following:

(******)

The measurement for Painted 6 In. Wide Line will be based on the total length of each painted line installed. No deduction will be made for the unmarked area when the marking includes a broken line pattern.

Payment

Section 8-22.5 is supplemented with the following:

(******)

“Painted 6 In. Wide Line”, per linear foot. The unit Contract price for “Painted 6 In. Wide Line” shall be full payment for all costs to perform the Work as described in Section 8-22.

The following Section is created:

(******)

8-26 Force Account Unknown Utility Repair

8-26.1 Description

This Work consists of repairing, coordinating the repair, and installing unknown private and public utility systems that have been damaged or will be impacted due to construction activities as directed by the Engineer.

8-26.3 Construction Requirements

The Contractor shall repair and/or relocate unknown utilities, as directed by the Engineer. Damage to utilities outside the limits of construction shall be repaired by the Contractor at no expense to the Contracting Agency. The methods and materials to be used by the Contractor to repair, replace, or relocate utilities shall be approved by the Engineer prior to installation.

8-26.5 Payment

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

"Force Account Unknown Utility Repair", by force account as provided in Section 1-09.6.

To provide a common Proposal for all Bidders, the Contracting Agency has entered an amount in the Proposal to become part of the Contractor's total Bid.

Division 9
Materials

Appendices
(January 2, 2012)

The following appendix is attached and made a part of this contract:

*** APPENDIX A:
Pacific Northwest Region Fire Protection and Suppression, Page 1 through Page 9 ***

(January 13, 2021)
Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01, effective September 30, 2020, is made a part of this contract.

The Standard Plans are revised as follows:

A-50.10
DELETED

A-50.20
DELETED

A-50.30
DELETED

A-50.40
DELETED

B-90.40
Valve Detail – DELETED

C-1a
DELETED

C-8
Add new Note 5, "5. Type 2 Barrier and Barrier Terminals are allowed in temporary installations only. New Type 2 Barrier and Barrier Terminals are not allowed to be fabricated after December 31, 2019. The plan is provided as a means to verify that any Type 2 barrier and Barrier Terminals fabricated prior to December 31, 2019 meets the plan requirements and cross-sectional dimensions as specified in Standard Specifications 6-10.3(5)."

C-8a
Add new Note 2, "2. Type 4 Barrier and Barrier Transition are allowed in temporary installations only. New Type 4 Barrier and Barrier Transition are not allowed to be fabricated after December 31, 2019. The plan is provided as a means to verify that any Type 4 barrier and Barrier Transition fabricated prior to December 31, 2019 meets the plan requirements and cross-sectional dimensions as specified in Standard Specifications 6-10.3(5)."

C-8b
DELETED

C-8e
DELETED

C-8f
DELETED

C-16a
DELETED

C-20.10
The following table is added:

SLOPE \ EMBANKMENT TABLE (FOR 8', 9', 11' LONG POSTS)		
POST LENGTH	**SLOPE**	**W (FT)**
8-FOOT	1H : 1V OR FLATTER	2.5 MIN.
8-FOOT	2H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)
9-FOOT	1.5H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)

11-FOOT	1H : 1V OR FLATTER	0 (FACE OF BARRIER AT SLOPE BREAK POINT)

C-20.11
DELETED

C-20.19
DELETED

C-40.16
DELETED

C-40.18
DELETED

C-80.50
DELETED

C-85.14
DELETED

C-85.15
SECTION B detail, the callout reading “ANCHOR BOLT (TYP.) ~ SEE DETAIL, STANDARD PLAN C-8b”, is revised to read “ANCHOR BOLT (TYP.) ~ SEE DETAIL IN PLANS”.

SECTION B detail, the callout reading “ANCHOR PLATE (TYP.) ~ SEE STANDARD PLAN J-8b”, is revised to read “ANCHOR PLATE (TYP.) ~ SEE DETAIL IN PLANS”.

D-2.14
DELETED

D-2.16
DELETED

D-2.18
DELETED

D-2.20
DELETED

D-2.42
DELETED

D-2.44
DELETED

D-2.46
DELETED

D-2.48
DELETED

D-2.82
DELETED

D-2.86
DELETED

D-10.10
Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.15
Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

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
Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.45
Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the revisions stated in the 11/3/15 Bridge Design memorandum.

D-15.10
STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.20
STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.30
STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

G-20.10
SIGN INSTALLATION BEHIND TRAFFIC BARRIER detail, dimension callout “3’ MIN.”, is revised to read “5’ MIN.”.

H-70.20
Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is revised to H-70.10

H-70.30
DELETED

J-10.16
Key Note 14, reads:”Mounting Hole ~ See Standard Plan J-10.30 for mounting Details.” Is revised to read:”Mounting Hole ~ See Standard Plan J-10.14 for mounting Details.”
General Note 12, reads: “See Standard Plan J-10.30 for pole installation details.” Is revised to read: “See Standard Plan J-10.14 for pole installation details.”

J-10.17
Key Note 16, reads:”Mounting Hole ~ See Standard Plan J-10.?? for mounting Details.” Is revised to read:”Mounting Hole ~ See Standard Plan J-10.14 for mounting Details.”
General Note 12, reads: “See Standard Plan J-10.30 for pole installation details.” Is revised to read: “See Standard Plan J-10.14 for pole installation details.”

J-10.18
Key Note 12, reads:”Mounting Hole ~ See Standard Plan J-10.20 for mounting Details.” Is revised to read:”Mounting Hole ~ See Standard Plan J-10.14 for mounting Details.”
General Note 12, reads: “See Standard Plan J-10.30 for pole installation details.” Is revised to read: “See Standard Plan J-10.14 for pole installation details.”

J-20.26
Add Note 1, “1. One accessible pedestrian pushbutton station per pedestrian pushbutton post.”

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

J-21.10
Sheet 1, Elevation View, Round Concrete Foundation Detail, 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”
Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3” CLR.. Delete “(TYP.)” from the 2 ½” CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.
Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3” CLR. Delete “(TYP.)” from

the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.
Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.
Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 ½" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.
Detail F, callout, "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 3)" is revised to read; "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 1)"
Detail F, callout, "3/4" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Four Required (See Note 4)" is revised to read; "3/4" (IN) x 2' – 6" Anchor Bolt (TYP.) ~ Three Required (See Note 2)"

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
Detail A, callout, was – LOCKNIPPLE, is revised to read; CHASE NIPPLE

J-22.15
Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"
(2x) Detail A, callout, was – LOCK NIPPLE ~ 1 ½" DIAM. is revised to read; CHASE NIPPLE ~ 1 ½" (IN) DIAM.

J-28.60
Note 1 "See Standard Plans C-8b and C-85.14 for foundation and anchor bolt details." is revised to read "See contract for anchor bolt details. See Standard Plan C-85.15 for foundation details."

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-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-81.10
All references to "Type 170 Controller" are replaced with "Controller".

L-40.10
DELETED

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

A-10.10-00.....8/7/07
A-10.20-00.....10/5/07
A-10.30-00.....10/5/07
A-20.10-00.....8/31/07
A-30.10-00.....11/8/07
A-30.30-01.....6/16/11
A-30.35-00.....10/12/07
A-40.00-00.....8/11/09
A-40.10-04.....7/31/19
A-40.15-00.....8/11/09
A-40.20-04.....1/18/17
A-40.50-02.....12/23/14
A-60.10-03.....12/23/14
A-60.20-03.....12/23/14
A-60.30-01.....6/28/18
A-60.40-00.....8/31/07

B-5.20-03.....9/9/20
B-5.40-02.....1/26/17
B-5.60-02.....1/26/17
B-10.20-02.....3/2/18
B-10.40-01.....1/26/17
B-10.70-01……9/9/20
B-15.20-01.....2/7/12
B-15.40-01.....2/7/12
B-15.60-02.....1/26/17
B-20.20-02.....3/16/12
B-20.40-04.....2/27/18
B-20.60-03.....3/15/12
B-25.20-02.....2/27/18
B-25.60-02.....2/27/18
B-30.05-00……..9/9/20
B-30.10-03.....2/27/18
B-30.15-00……..2/27/18
B-30.20-04.....2/27/18
B-30.30-03.....2/27/18
B-30.40-03.....2/27/18
B-30.50-03.....2/27/18
B-30.60-00……..9/9/20
B-30.70-04.....2/27/18
B-30.80-01.....2/27/18
B-30.90-02.....1/26/17
B-35.20-00.....6/8/06
B-35.40-00.....6/8/06
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-55.20-02.....2/27/18
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-70.20-00.....6/1/06
B-70.60-01.....1/26/17
B-75.20-02.....2/27/18
B-75.50-01.....6/10/08
B-75.60-00.....6/8/06
B-80.20-00.....6/8/06
B-80.40-00.....6/1/06
B-85.10-01.....6/10/08
B-85.20-00.....6/1/06
B-85.30-00.....6/1/06
B-85.40-00.....6/8/06
B-85.50-01.....6/10/08
B-90.10-00…….6/8/06
B-90.20-00.....6/8/06
B-90.30-00.....6/8/06
B-90.40-01.....1/26/17
B-90.50-00.....6/8/06
B-95.20-01.....2/3/09
B-95.40-01.....6/28/18

C-1.....9/9/20
C-1b.....9/9/20
C-1d.....10/31/03
C-2c.....8/12/19
C-4f.....8/12/19
C-6a.....10/14/09
C-7.....6/16/11
C-7a.....6/16/11
C-8.....2/10/09
C-8a.....7/25/97
C-20.42-05.....7/14/15
C-20.45.02.....8/12/19
C-22.16-07.....9/16/20
C-22.40-08.....9/16/20
C-22.45-05.....9/16/20
C-23.60-04.....7/21/17
C.24.10-02.....8/12/19
C-25.20-06.....7/14/15
C-25.22-05.....7/14/15
C-25.26-04.....8/12/19
C-70.10-02.....9/16/20
C-75.10-02.....9/16/20
C-75.20-02.....9/16/20
C-75.30-02.....9/16/20
C-80.10-02.....9/16/20
C-80.20-01.....6/11/14
C-80.30-01.....6/11/14
C-80.40-01.....6/11/14
C-85.10-00.....4/8/12
C-85.11-01.....9/16/20

C-20.10-06.....9/16/20
C-20.14-04.....8/12/19
C-20.15-02.....6/11/14
C-20.18-03.....8/12/19
C-20.40-07.....8/12/19
C-20.41-02.....8/12/19
C-25.30-00…….6/28/18
C-25.80-05.....8/12/19
C-60.10-01…….9/24/20
C-60.20-00……9/24/20
C-60.30-00……9/24/20
C-60.70-00……9/24/20
C-85.15-01.....6/30/14
C-85.16-01.....6/17/14
C-85-18-01.....6/11/14
C-85.20-01.....6/11/14

1

D-2.04-00.....11/10/05
D-2.06-01.....1/6/09
D-2.08-00.....11/10/05
D-2.32-00.....11/10/05
D-2.34-01.....1/6/09
D-2.36-03.....6/11/14
D-2.60-00.....11/10/05
D-2.62-00.....11/10/05
D-2.64-01.....1/6/09
D-2.66-00.....11/10/05
D-2.68-00.....11/10/05
D-2.80-00.....11/10/05
D-2.84-00.....11/10/05
D-2.88-00.....11/10/05
D-2.92-00.....11/10/05
D-3.09-00.....5/17/12
D-3.10-01……5/29/13
D-3.11-03……6/11/14
D-3.15-02……6/10/13
D-3.16-02……5/29/13
D-3.17-02……5/9/16
D-4.....12/11/98
D-6.....6/19/98
D-10.10-01.....12/2/08
D-10.15-01.....12/2/08
D-10.20-01.....8/7/19
D-10.25-01.....8/7/19
D-10.30-00.....7/8/08
D-10.35-00.....7/8/08
D-10.40-01.....12/2/08
D-10.45-01.....12/2/08

2

E-1.....2/21/07
E-2.....5/29/98
E-4.....8/27/03
E-4a.....8/27/03

3

F-10.12-04.....9/24/20
F-10.16-00.....12/20/06
F-10.18-02.....9/24/20
F-10.40-04.....9/24/20
F-10.42-00.....1/23/07
F-10.62-02.....4/22/14
F-10.64-03.....4/22/14
F-30.10-04.....9/25/20
F-40.12-03.....6/29/16
F-40.14-03.....6/29/16
F-40.15-04.....9/25/20
F-40.16-03.....6/29/16
F-45.10-02.....7/15/16
F-80.10-04.....7/15/16

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G-10.10-00.....9/20/07
G-20.10-02.....6/23/15
G-22.10-04.....6/28/18
G-24.10-00.....11/8/07
G-24.20-01.....2/7/12
G-24.30-02.....6/28/18
G-24.40-07.....6/28/18
G-24.50-05.....8/7/19
G-24.60-05.....6/28/18
G-25.10-05.....9/16/20
G-26.10-00……7/31/19
G-30.10-04.....6/23/15
G-50.10-03.....6/28/18
G-90.10-03……7/11/17
G-90.11-00……4/28/16
G-90.20-05……7/11/17
G-90.30-04……7/11/17
G-90.40-02……4/28/16
G-95.10-02.....6/28/18
G-95.20-03.....6/28/18
G-95.30-03.....6/28/18

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H-10.10-00.....7/3/08
H-10.15-00.....7/3/08
H-30.10-00.....10/12/07
H-32.10-00.....9/20/07
H-60.10-01.....7/3/08
H-60.20-01.....7/3/08
H-70.10-01.....2/7/12
H-70.20-01.....2/16/12

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I-10.10-01.....8/11/09
I-30.10-02.....3/22/13
I-30.15-02.....3/22/13
I-30.16-01.....7/11/19
I-30.17-01.....6/12/19
I-30.20-00.....9/20/07
I-30.30-02.....6/12/19
I-30.40-02.....6/12/19
I-30.60-02.....6/12/19
I-40.10-00.....9/20/07
I-40.20-00.....9/20/07
I-50.20-01.....6/10/13
I-60.10-01.....6/10/13
I-60.20-01.....6/10/13
I-80.10-02.....7/15/16

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J-10.....7/18/97
J-10.10-04……9/16/20
J-10.12-00……9/16/20
J-28.40-02.....6/11/14
J-28.42-01.....6/11/14
J-28.43-01.....6/28/18
J-60.13-00…….6/16/10
J-60.14-01……7/31/19
J-75.10-02……7/10/15

J-10.14-00……9/16/20
J-10.15-01.....6/11/14
J-10.16-01……9/16/20
J-10.17-01……9/16/20
J-10.18-01……9/16/20
J-10.20-03……9/16/20
J-10.21-01……9/16/20
J-10.22-01.....9/16/20
J-10.25-00……7/11/17
J-12.15-00……6/28/18
J-12.16-00……6/28/18
J-15.10-01.....6/11/14
J-15.15-02……7/10/15
J-20.10-04.....7/31/19
J-20.11-03.....7/31/19
J-20.15-03.....6/30/14
J-20.16-02.....6/30/14
J-20.20-02.....5/20/13
J-20.26-01.....7/12/12
J-21.10-04.....6/30/14
J-21.15-01.....6/10/13
J-21.16-01.....6/10/13
J-21.17-01.....6/10/13
J-21.20-01.....6/10/13
J-22.15-02.....7/10/15
J-22.16-03.....7/10/15
J-26.10-03…..7/21/16
J-26.15-01…..5/17/12
J-26.20-01…..6/28/18
J-27.10-01…..7/21/16
J-27.15-00…..3/15/12
J-28.10-02.....8/7/19
J-28.22-00.....8/07/07
J-28.24-02.....9/16/20
J-28.26-01.....12/02/08
J-28.30-03.....6/11/14
J-28.45-03.....7/21/16
J-28.50-03.....7/21/16
J-28.60-02.....7/21/16
J-28.70-03.....7/21/17
J-29.10-01.....7/21/16
J-29.15-01.....7/21/16
J-29.16-02.....7/21/16
J-30.10-00…...6/18/15
J-40.05-00……7/21/16
J-40.10-04…...4/28/16
J-40.20-03…...4/28/16
J-40.30-04……4/28/16
J-40.35-01……5/29/13
J-40.36-02……7/21/17
J-40.37-02……7/21/17
J-40.38-01.....5/20/13
J-40.39-00……5/20/13
J-40.40-02……7/31/19
J-45.36-00……7/21/17
J-50.05-00……7/21/17
J-50.10-01…….7/31/19
J-50.11-02…….7/31/19
J-50.12-02…….8/7/19
J-50.13-00…….8/22/19
J-50.15-01…….7/21/17
J-50.16-01…….3/22/13
J-50.18-00…….8/7/19
J-50.19-00…….8/7/19
J-50.20-00…….6/3/11
J-50.25-00…….6/3/11
J-50.30-00…….6/3/11
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J-60.11-00…....5/20/13
J-60.12-00…....5/20/13
J-75.20-01……7/10/15
J-75.30-02…….7/10/15
J-75.40-02……6/1/16
J-75.41-01……6/29/16
J-75.45-02……6/1/16
J-80.10-00……6/28/18
J-80.15-00……6/28/18
J-81.10-01……9/16/20
J-86.10-00……6/28/18
J-90.10-03…….6/28/18
J-90.20-03…….6/28/18
J-90.21-02……6/28/18
J-90.50-00……6/28/18

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K-70.20-01.....6/1/16
K-80.10-02.....9/25/20
K-80.20-00.....12/20/06
K-80.35-01.....9/16/20
K-80.37-01.....9/16/20

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L-10.10-02.....6/21/12
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L-30.10-02.....6/11/14
L-40.15-01.....6/16/11
L-40.20-02.....6/21/12
L-70.10-01.....5/21/08
L-70.20-01.....5/21/08

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M-1.20-04.....9/25/20
M-1.40-03.....9/25/20
M-1.60-03.....9/25/20
M-1.80-03.....6/3/11
M-2.20-03.....7/10/15
M-11.10-03.....8/7/19
M-12.10-02……9/25/20
M-15.10-01.....2/6/07
M-17.10-02.....7/3/08
M-20.10-03.....9/25/20
M-40.20-00...10/12/07
M-40.30-01.....7/11/17
M-40.40-00.....9/20/07
M-40.50-00.....9/20/07
M-40.60-00.....9/20/07

M-2.21-00……7/10/15
M-3.10-04.....9/25/20
M-3.20-03.....9/25/20
M-3.30-04.....9/25/20
M-3.40-04.....9/25/20
M-3.50-03.....9/25/20
M-5.10-03.....9/25/20
M-7.50-01.....1/30/07
M-9.50-02.....6/24/14
M-9.60-00……..2/10/09
M-20.20-02.....4/20/15
M-20.30-04.....2/29/16
M-20.40-03.....6/24/14
M-20.50-02.....6/3/11
M-24.20-02.....4/20/15
M-24.40-02.....4/20/15
M-24.60-04.....6/24/14
M-24.65-00……7/11/17
M-24.66-00……7/11/17
M-40.10-03.....6/24/14
M-60.10-01.....6/3/11
M-60.20-02.....6/27/11
M-65.10-02.....5/11/11
M-80.10-01.....6/3/11
M-80.20-00.....6/10/08
M-80.30-00.....6/10/08

APPENDIX A
Pacific Northwest Region
Fire Protection and Suppression

Pacific Northwest Region
Fire Protection and Suppression

1. Fire Period and Closed Season

Specific fire prevention measures are listed below and shall be effective for the period April 1 to October 31 of each year. The Forest Service may change the dates of the said period by advance written notice if justified by unusual weather or other conditions. Required tools and equipment shall be kept currently in serviceable condition and immediately available for initial attack on fires.

2. Fire Plan

Before starting any operations on the project, the Contractor, Permittee, Licensee, or Purchaser, hereinafter referred to as the "Contractor," shall prepare a fire plan in cooperation with the Contracting officer providing for the prevention and control of fires in the project area.

The Contractor shall certify compliance with fire protection and suppression requirements before beginning operations during the fire period and closed season, and shall update such certification when operations change.

3. Substitute Measures

The Contracting officer may by written notice, authorize substitute measures or equipment or may waive specific requirements during periods of low fire danger.

4. Emergency Measures

The Forest Service may require emergency measures, including the necessary shutting down of equipment or portions of operations in the project area during periods of fire emergency created by hazardous climatic conditions.

5. Fire Control

The Contractor shall, independently and in cooperation with the Forest Service, take all reasonable action to prevent and suppress fires in a project area. Independent initial action shall be prompt and shall include the use of all personnel and equipment available in the project area.

For the purpose of fighting forest fires on or in the vicinity of the project, which are not caused by the Contractor's operations, the Contractor shall place employees and equipment temporarily at the disposal of the Forest Service. Any individual hired by the Forest Service will be employed in accordance with the Interagency Pay Plan for Emergency Firefighters. The Forest Service will compensate the Contractor for equipment rented at fire fighting equipment rates common in the area or at prior agreed to rates.

6. Compliance with State Forest Laws

Listing of specific fire precautionary measures herein is not intended to relieve the Contractor in any way from compliance with the State Fire Laws covering fire prevention and suppression equipment, applicable to operations under this contract, permit or license.

7. Fire Precautions

Specific fire precautionary measures are as follows:

a. Smoking and Open Fires

Smoking and fires shall be permitted only at the option of the Contractor. The Contractor shall not allow open fires on the project area without advance permission in writing from the Forest Service.

Unless restricted by State Law or Federal Regulation, smoking shall be permitted only in such portions of the project area that are free of flammable material. Smokers shall sit down to smoke in such a position that any burning material will fall within a cleared area, and shall extinguish and press out in mineral soil all burning material before leaving the cleared area.

b. Fire Extinguishers and Equipment on Trucks, Tractors, etc.

All power-driven equipment operated by the Contractor on National Forest land, except portable fire pumps, shall be equipped with one fire extinguisher having a UL rating of at least 5 BC, and one “D” handled or long handled round point shovel, size “O” or larger. In addition, each motor patrol, truck, and passenger-carrying vehicle shall be equipped with a double-bit axe or Pulaski, 3-1/2 pounds or larger.

Equipment shall be kept in a serviceable condition and shall be readily available.

c. Power Saws

Each gasoline power saw operator shall be equipped with a pressurized chemical fire extinguisher of not less than 8-ounce capacity by weight, and one long-handled round point shovel, size “o” or larger. The extinguisher shall be kept in possession of the saw operator at all times. The shovel shall be accessible to the operator within one (1) minute.

d. Extinguishers

One refill for each type or one extra extinguisher sufficient to replace each size extinguisher required on equipment shall be safely stored in the fire tool box or other agreed upon place on the project area that is protected and readily available.

e. Spark Arresters and Mufflers

Each internal combustion engine shall be equipped with a spark arrester meeting either (1) USDA Forest Service Standard 5100-1a, or (2) appropriate Society of Automotive Engineers (SAE) recommended practice J335 (b) and J350 (a) as now or hereafter amended unless it is:

(1) Equipped with a turbine-driven exhaust supercharger such as the turbocharger. There shall be no exhaust bypass.

(2) A passenger-carrying vehicle or light truck, or medium truck up to 40,000 GVW, used on roads and equipped with a factory-designed muffler complete with baffles and an exhaust system in good working condition.

(3) A heavy truck, such as a dump or log truck, or other vehicle used for commercial hauling, used only on roads and equipped with a factory designed muffler and with a vertical stack exhaust system extending above the cab.

Exhaust equipment described in this subsection, including spark arresters and mufflers, shall be properly installed and constantly maintained in serviceable condition.

f. Emergency Fire Precautions

The Contractor shall restrict operations in accordance with the Industrial Fire Precaution Levels listed below. The Forest Service may change the Industrial Fire Precaution Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Industrial Fire Precaution Levels when such changes are necessary for the protection of the National Forest. When sent to the Contractor, the revised Industrial Fire Precaution Levels will supersede the attached levels.

Industrial Fire Precautions Schedule

Level Industrial Fire Precaution (IFPL)

I. Closed season- Fire Precaution requirements are in effect. A fire watch/security is required at this and all higher levels unless otherwise waived.

II. Partial hoot-owl- The following may operate only between the hours of 8 p.m. and 1 p.m., local time:

a. power saws, except at loading sites;
b. cable yarding;
c. blasting;
d. welding or cutting of metal.

III. Partial shutdown- The following shall be prohibited except as indicated:

Cable Yarding – except that gravity operated logging systems employing non-motorized carriages may be operated between the hours of 8 p.m. and 1 p.m., local time, when all block and moving lines, except the line between the carriage and the chokers, are suspended 10 feet above the ground.

Power Saws – except power saws may be used at loading sites and on the tractor/skidder operations between the hours of 8 p.m. and 1 p.m., local time.

In addition, the following are permitted between the hours of 8 p.m. and 1 p.m., local time:

a. tractor/skidder operations;
b. mechanized loading and hauling of any product or material;
c. blasting;
d. welding or cutting of metal;
e. any other spark-emitting operation not specifically mentioned.

IV. General shutdown – All operations are prohibited.

The following definitions shall apply to those Industrial Fire Precaution Levels:

Cable yarding systems: A yarding system employing cables and winches in a fixed position.

Closed Season (Fire Precautionary Period): That season of the year when a fire hazard exists as declared by the responsible agency official.

Contracting officer: The person executing the contract, permit or license on behalf of the Government and includes that person's designated representative, acting within the limits of their authority or the duly appointed successor to the individuals.

Loading sites/woods site/project area: A place where any product or material (including but not limited to logs, firewood, slash, soil, rock, poles, posts, etc.) is placed in or upon a truck or other vehicle.

Low hazard area: Means any area where the responsible agency representative (WDNR, ORF, BIA, BLM) determines the combination of elements reduces the probability of fire starting and/or spreading.

Tractor/skidder operations: Include a harvesting operation, or portion of a harvesting operation, where tractors, skidders, or other harvesting equipment capable of constructing fireline, are actively yarding forest products and can quickly reach and effectively attack a fire start.

Waivers, written in advance, may be used for any and all activities. Activities for which waivers may be issued include, but are not limited to:

a. mechanized loading and hauling;
b. road maintenance such as sprinkling, graveling, grading, and paving;

c. cable yarding using gravity systems or suspended lines and blocks, or other yarding systems where extra prevention measures will significantly reduce the risk of fire;
d. power saws at loading sites or in felling and bucking where extra prevention measures will significantly reduce the risk of fire;
e. maintenance of equipment (other than metal cutting and welding) or improvements such as structures, fences, and powerlines.

Such waiver, or substitute precautions will prescribe measures to be taken by the Contractor to reduce the risk of ignition, and/or the spread of fire. The Contracting officer shall consider site-specific weather factors, fuel conditions, and specific operations that result in less risk of fire ignition and/or spread than contemplated when precaution level was predicted. Consideration shall also be given to measures that reduce the precaution levels above. The Contractor shall assure that all conditions of such waivers or substitute precautions are met.

The Contractor shall obtain the predicted Industrial Fire Precaution Level daily, prior to the start of work, from the appropriate Ranger District headquarters. If predictions made after 6:00 p.m., local time, are significantly different than the original prediction, the Forest Service will inform the Contractor when changes in restrictions or industrial precautions are made.

NOTE: The IFPL system does not apply on lands protected by ODF east of the summit of the Cascades.

Where hauling involves transit through more than one shutdown/regulated use area, the precaution level at the woods loading site shall govern the level of haul restriction, unless otherwise prohibited by other than industrial precaution level system.

8. Fire Tools

The contractor shall furnish serviceable fire fighting tools in a readily accessible fire tool box or compartment of sound construction with a hinged lid and hasp so arranged that the box can be secured or sealed. The box shall be red and marked “Fire Tools” in letters one inch high. It shall contain a minimum of:

a. 2 axes or Pulaski’s with a 32-inch handles;
b. 3 adze eye hoes, one Pulaski may be substituted for one adze eye hoe;
c. 3 long-handled, round point shovels, size “o” or larger.

9. Fire Security

When the Industrial Fire Precaution Level is "I" or higher, unless a waiver is granted, the Contractor shall designate a person who shall perform fire security services listed below on the project area and vicinity. The designated person shall be capable of operating the Contractor’s communications and fire fighting equipment specified in the contract, excluding helicopters and of directing the activities of the Contractor’s personnel on forest fires. In lieu of having the designated person perform the required supervisory duties, the

Contractor may provide another person meeting the qualifications stated above to direct the activities of Contractor's personnel and equipment during all firefighting activities.

Services described shall be for at least one hour from the time the Contractor's operations are shut down. For the purposes of this provision, personnel servicing equipment, and their vehicles, who are not engaged in cutting or welding metal, are excluded.

Fire security services shall consist of moving throughout the operation area or areas constantly looking, reporting, and taking suppression action on any fires detected. Where possible, the designated person shall observe inaccessible portions of helicopter operating areas from vantage points within or adjacent to project area.

10. Blasting

Whenever the Industrial Fire Precaution Level is "I" or greater, a fire security person equipped with a long handled, round point, No. "O" or larger, shovel, and a five-gallon backpack pump can filled with water will stay at location of blast for 1 hour after blasting is done. Blasting may be suspended by Forest Service in writing, in an area of high rate of spread and resistance to control.

Fuses shall not be used for blasting. Explosive cords shall not be used without written permission of Forest Service, which may specifiy conditions under which such explosives may be used and precautions to be taken.

11. Additional Fire Precautionary Measure 1- Tank Truck

Contractor shall provide a tank truck or trailer, containing not less than 300 gallons of water, during yarding, loading, land clearing, right-of-way clearing and mechanical treatment of slash. A tank truck or trailer will not be required if power saw falling and bucking is the only operation. Such tank truck or trailer shall be maintained in a serviceable condition and located within 10 minutes, round trip, from each project area during fire period and closed season.

The tank truck or trailer shall be equipped with a pump capable of discharging 20 gallons of water per minute, using a ¼ inch nozzle tip, through a 50 foot length of rubber lined hose. In addition, 500 feet of serviceable fabric jacket rubber lined hose of not less than 1 inch outside diameter, fitted with a nozzle capable of discharging a straight stream of ¼ inch diameter and a spray pattern shall be immediately available for use. The tank, pump and at least 250 feet of hose and nozzle shall be connected and ready for use at all times.

If a trailer is used, it shall be equipped with a hitch to facilitate prompt movement. A serviceable tow vehicle shall be immediately available for attachment to the trailer and must meet the time requirements stated above. Such truck or trailer shall be equipped to operate for a minimum of 8 hours. Tank truck or trailer shall be available from the start of work to the end of the Fire Watch/Fire Security service.

12. Additional Fire Precautionary Measure 2 - Communications

The Contractor shall provide adequate to-way communication facilities to report a fire to Forest Service within 15 minutes of detection. FCC Regulations prohibit commercial use of Citizen Band (CB) radios. (CB's are not considered adequate two-way communications). Such communications shall be operable during periods of operation of power-driven equipment; including the time fire security is required.

USDA Forest Service – Region 6

Fire Plan

(For use with forms R6-FS-6300-50,
R6-FS-6300-51, and R6-FS-6300-52)

Contractor_____ Contract Number_____

Project Name_____ Contract Performance Period_____

Contractor's Representative for Fire Matters

Name	Title	Telephone Number	
		Office	Residence

Contracting Officer's Representative

Name	Title	Telephone Number	
		Office	Residence

Forest Service Inspector(s)

Name	Title	Telephone Number	
		Office	Residence

Action by Contractor

The contractor shall take all reasonable and practical action to prevent and suppress fires in the project area. The Contractor shall take suppression action immediately upon discovery of or becoming aware of such fire.

Action by Forest Service

The forest service may counsel with the Contractor on suppression action and will, when necessary, supplement the Contractor's efforts by furnishing personnel and equipment not available to the Contractor. In the event that a fire is not suppressed by the Contractor and will require appreciable reinforcements, the Forest Service

may take over suppression of the fire and may employ the Contractor's Personnel and equipment.

Fire Prevention and Suppression

Predicted fire precautions class may be obtained from the following local sources:

The Contractor has employed or designated the following named individual(s) as fireguard, whose duty is the detection and suppression of fires:

Name	Title	Telephone Number	
		Office	Residence

Contractor will [ ], will not [ ], permit employees to smoke while in the project area. Open fires will [ ], will not [ ], be permitted by the contractor. Although these activities may be permitted by the Contractor, it is understood that neither shall be allowed without being authorized in writing by the Contracting Officer's Representative.

Fires shall be reported to one of the following Forest Service employees:

Name	Title	Telephone Number	
		Office	Residence

Contractor's Employees Possessing Special Fires Qualifications

Name	Best Fire Assignment	Other Qualifications

Total number of employees who could perform firefighting duties_____

Contractor's Equipment Available for Firefighting

Description, Type Make, Model, Size	Number Units	Location

Joint Preparation of this fire plan is acknowledged:

Contractor or Designated Representative	Contracting Officer's Representative
Date:	Date: