CONTRACT DOCUMENTS AND PLANS

FOR CONSTRUCTION OF:

Wellesley Avenue Preservation Project
Tolford Rd to Isenhart Rd

Capital Improvement Project No.: 0353

Bid Set

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PART 1
INTRODUCTION

Advertisement for Bids
Certification by Engineer

ADVERTISEMENT FOR BIDS
CITY OF SPOKANE VALLEY
PUBLIC WORKS
Wellesley Ave Preservation Project

Notice is hereby given that the City of Spokane Valley, Spokane County, Washington will accept sealed bids for the **Wellesley Ave Preservation Project, Tolford Rd to Isenhart Rd**. The project consists of sidewalk, curb and gutter, ramps, crosswalks, roadway excavation, stormwater improvements, CSTC, new asphalt, striping and signage, all in accordance with the Contract Documents and Plans.

Copies of the bid packet including specifications and plans may be obtained in PDF format at www.cityofspokanevalleyplanroom.com. To be added to the Planholder's list, bidders shall download project files or purchase hard copy documents. Any addenda to this project will be sent only to those listed on the www.cityofspokanevalleyplanroom.com Planholder's List. The Planholder's List is also available at this website. For further information contact Candice Powers-Henderson, Spokane Valley Community and Public Works, at cphenderson@spokanevalleywa.gov or call 509-720-5003 Monday through Friday from 8:00 am to 5:00 pm.

All bids must be accompanied by a bid deposit in the form of a surety bond, postal money order, cash, cashier's check, or certified check in an amount equal to five percent (5%) of the amount of the bid proposed. Failure to furnish a bid bond in compliance with the City's bid deposit surety bond form shall make the bid non-responsive and cause the bid to be rejected.

Bids must be submitted in sealed envelopes addressed to the City Clerk of the City of Spokane Valley, 10210 E. Sprague Avenue, Spokane Valley, Washington, 99206 and received not later than **10:00 a.m. PDT, Friday, May 16, 2025**. Bid openings will be held immediately thereafter and read aloud in the City Council Chambers.

The City of Spokane Valley reserves the right to waive any irregularities or informalities and to reject any or all bids. No bidder may withdraw his bid after the time announced for the bid opening, or before the award and execution of the contract, unless the award is delayed for a period exceeding sixty (60) days.

The City of Spokane Valley in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. This material can be made available in an alternate format by emailing John Whitehead at jwhitehead@spokanevalleywa.gov or by calling (509) 720-5111.

PUBLISH: May 2 and May 9, 2025

CONTRACT DOCUMENTS
AND
PLANS

FOR CONSTRUCTION OF:

Wellesley Ave Preservation Project
Tolford Rd to Isenhart Rd

PROJECT NO.: 0353

Approved for Construction:

5/1/25
Robert Blegen, P.E., Date
Public Works Director

Reviewed By:

4/30/25
Kristen Armstrong, P.E. Date
Project Manager

5/1/25
Robert Lochmiller, P.E. Date
Engineering Manager

5/1/25
Ryan Kipp, P.E. Date
Traffic Engineer

4/30/25
Chad Phillips. P.E. Date
Stormwater Engineer

Engineer Certification:
The technical material and data contained in these Contract Provisions and Plans were prepared under the supervision and direction of the undersigned whose seal as a Professional Engineer licensed to practice in the State of Washington is affixed below.

5/1/25

PART 2
BID PROPOSAL DOCUMENTS

Bid Proposal Checklist
Proposal Form
Contractor's Administrative Information
Bidder Qualification Statement
Bid Deposit Form
Bid Deposit Surety Bond Form (Use only if submitting Bond for Bid Deposit)
Contractor Certification of Compliance with Wage Payment Statutes
Proposal for Incorporating Recycled Materials into the Project
Representations and Certifications
Local Agency Subcontractor List

BIDDERS PACKET

Wellesley Ave Preservation
Capital Improvement Project No.: 0353

BID PROPOSAL CHECKLIST

This Checklist and the documents listed below constitute a complete Bid Proposal. Failure to execute any of the following documents, or any addition, condition or limitation in writing to the form of the bid, not explicitly invited in the Bid Documents or Specifications may become cause for rejection of the bid as irregular.

The BIDDER shall check each respective box indicating inclusion of each item:

- [ ] Bid Proposal Checklist
- [ ] Proposal Form
- [ ] Contractor's Administrative Information
- [ ] Bidder Qualification Statement
- [ ] Bid Deposit Form
- [ ] Bid Deposit Surety Bond Form (Use only if submitting Bond for Bid Deposit)
- [ ] Contractor Certification of Compliance with Wage Payment Statutes
- [ ] Proposal for Incorporating Recycled Materials into the Project
- [ ] Representations and Certifications
- [ ] Local Agency Subcontractor List

The above forms have been inserted in a sealed envelope, properly identified and delivered at the place and time described in the Notice to Contractors form.

Person/Entity Name: _____ Signature of Bidder: _____

Company: _____ Date: _____

PROPOSAL FORM

PROJECT NUMBER: **0353**

PROJECT TITLE: **Wellesley Ave Preservation**

NAME OF FIRM SUBMITTING BID: _____

Each bid shall constitute an offer to the City of Spokane Valley as outlined herein and no bidder may withdraw his bid after the hour set for the bid closing except under the conditions explained in the Information to Bidders Section.

RECEIPT OF ADDENDA: Bidder acknowledges receipt of the following addenda by checking the box(es):

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6

REJECTION: The City reserves the right to reject any or all proposals, portions or parts thereof and to waive all minor irregularities in bidding. Special attention will be directed to the qualifications of the bidders when considering awarding a contract.

TIME TO COMPLETE: The contract shall be completed in **Thirty (30) working days** from the date of commencement.

BID IS NOT ELIGIBLE FOR CONTRACTOR'S BOND ELECTION to withhold 50% retainage in lieu of furnishing a Contractor's Bond (Payment and Performance Bonds).

FREIGHT: Bid price(s) to include all freight costs to the job site.

SCHEDULES: A Bidder must complete all the schedules or his bid will be rejected as non-responsive.

The undersigned hereby certifies that (he/they) (has/have) personally examined the location and construction details of work as outlined on the plans and specifications for the above project and (has/have) read thoroughly and understands the plans, specifications, and contract governing the work embraced in this improvement and the method by which payment will be made for said work and hereby proposes to undertake and complete the work embraced in this improvement in accordance with said plans, specifications, and contract in accordance with the unit prices provided below.

The Bidder, to be considered responsible, shall provide in legible figures (not words) handwritten in ink or typed, a unit price (except Lump Sum items) and total for each of the items shown on the following schedules:

BID SCHEDULE

Note: State Sales Tax-Rule 171 applies. All unit prices shall include applicable sales tax, see Section 1-07.2(1) of the Special Provisions.

Item	Description		Unit	Quantity	Unit Price	Total
100	MINOR CHANGE	1-04.4(1)	CALC.	1	CALCULATED	$25,000.00
101	CONSTRUCTION SURVEYING	1-05.4 SP	L.S.	1	LUMP SUM	$
102	SPCC PLAN	1-07.15	L.S.	1	LUMP SUM	$
103	PUBLIC LIASION REPRESENTATIVE	1-07.23 SP	L.S.	1	LUMP SUM	$
104	MOBILIZATION	1-09.7 SP	L.S.	1	LUMP SUM	$
105	PROJECT TEMPORARY TRAFFIC CONTROL	1-10 SP	L.S.	1	LUMP SUM	$
106	PORTABLE CHANGEABLE MESSAGE SIGN	1-10 SP	HR	2,700	$	$
107	WORK ZONE SAFETY CONTINGENCY	1-10 SP	EST.	1	ESTIMATE	$15,000.00
108	DOCUMENTATION COMPLIANCE	1-11 SP	CALC.	1	CALCULATED	$10,000.00
109	REMOVE STROM DRAIN PIPE	2-02 SP	LF	20	$	$
110	REMOVE CEMENT CONCRETE CURB	2-02 SP	L.F.	750	$	$
111	REMOVE CEMENT CONCRETE SIDEWALK / DRIVEWAY APPROACH	2-02 SP	S.Y.	400	$	$
112	REMOVE EXISTING CATCH BASIN	2-02 SP	EACH	2	$	$
113	ABANDON EXISTING DRYWELL	2-02 SP	EACH	8	$	$
114	RESOLUTION OF UTILITY CONFLICTS	2-02 SP	EST.	1	ESTIMATE	$25,000.00
115	POTHOLE UTILITY	2-02 SP	EACH	14	$	$
116	ROADWAY EXCAVATION INCL. HAUL	2-03 SP	C.Y.	4,450	$	$
117	TRENCH FENCE SAFETY COMPLIANCE	2-09 SP	CALC.	1	CALCULATED	$1.00
118	TRENCH EXCAVATION SAFETY SYSTEM	2-09 SP	L.S.	1	LUMP SUM	$
119	CRUSHED SURFACING TOP COURSE, 3 IN. DEPTH	4-04 SP	S.Y.	20	$	$
120	CRUSHED SURFACING TOP COURSE, 8 IN. DEPTH	4-04 SP	S.Y.	10,700	$	$
121	HMA CL. 3/8 IN. PG 64H-28, 4 IN. DEPTH	5-04 SP	S.Y.	5,300	$	$
122	HMA CL. 3/8 IN. PG 64H-28, 6 IN. DEPTH	5-04 SP	S.Y.	5,400	$	$
123	JOB MIX COMPLIANCE PRICE ADJUSTMENT	5-04 SP	CALC.	1	CALCULATED	$1.00
124	COMPACTION PRICE ADJUSTMENT	5-04 SP	CALC.	1	CALCULATED	$1.00

BID SCHEDULE, CONTINUED

Item	Description		Unit	Quantity	Unit Price	Total
125	HMA SURFACE SMOOTHNESS COMPLIANCE	5-04 SP	CALC.	1	CALCULATED	$1.00
126	SOLID WALL PVC STORM SEWER PIPE 10 IN. DIAM.	7-04 SP	L.F.	340	$	$
127	SOLID WALL PVC STORM SEWER PIPE 12 IN. DIAM.	7-04 SP	L.F.	120	$	$
128	REMOVE AND REPLACE METAL CASTING	7-05 SP	EACH	2	$	$
129	CONNECTION TO EXISTING CATCH BASIN	7-05 SP	EACH	1	$	$
130	CONCRETE INLET	7-05 SP	EACH	3	$	$
131	CATCH BASIN TYPE 1	7-05 SP	EACH	5	$	$
132	CATCH BASIN TYPE 2	7-05 SP	EACH	2	$	$
133	PRECAST CONCRETE DRYWELL TYPE B	7-05 SP	EACH	8	$	$
134	GRATE INLET TYPE 2	7-05 SP	EACH	5	$	$
135	ADJUST EXISTING CATCH BASIN OR DRYWELL	7-05 SP	EACH	2	$	$
136	ADJUST EXISTING MANHOLE	7-05 SP	EACH	7	$	$
137	PLUG EXISTING PIPE	7-08 SP	EACH	2	$	$
138	ADJUST GAS VALVE	7-11 SP	EACH	3	$	$
139	ADJUST UTILITY VAULT	7-11 SP	EACH	1	$	$
140	ADJUST EXISTING WATER VALVE	7-12 SP	EACH	9	$	$
141	EROSION/WATER POLLUTION CONTROL	8-01 SP	EST.	1	ESTIMATE	$5,000.00
142	ESC LEAD	8-01 SP	DAY	12	$	$
143	INLET PROTECTION	8-01 SP	EACH	19	$	$
144	TOPSOIL TYPE C, 3 IN DEPTH	8-02 SP	S.Y.	150	$	$
145	LANDSCAPING ROCK SALVAGE	8-02 SP	S.Y.	10	$	$
146	SOD INSTALLATION	8-02 SP	S.Y.	150	$	$
147	IRRIGATION SYSTEM REVISION	8-03 SP	EST.	1	ESTIMATE	$7,500.00
148	CEMENT CONC. TRAFFIC CURB AND GUTTER	8-04 SP	L.F.	540	$	$
149	CEMENT CONC. TRAFFIC CURB	8-04 SP	L.F.	230	$	$

BID SCHEDULE, CONTINUED

Item	Description		Unit	Quantity	Unit Price	Total
150	CEMENT CONC. PEDESTRIAN CURB	8-04 SP	L.F.	140	$	$
151	RAISED MEDIAN ISLAND	8-05 SP	S.Y.	40	$	$
152	CEMENT CONCRETE DRIVEWAY APPROACH	8-06 SP	S.Y.	110	$	$
153	RAISED PAVEMENT MARKER TYPE 2	8-09 SP	EACH	24	$	$
154	DELINEATOR AND CORE HOLE	8-10 SP	EACH	12	$	$
155	CEMENT CONC. SIDEWALK	8-14 SP	S.Y.	220	$	$
156	CEMENT CONC. CURB RAMP TYPE PARALLEL A	8-14 SP	EACH	3	$	$
157	CEMENT CONC. CURB RAMP TYPE PARALLEL B	8-14 SP	EACH	1	$	$
158	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	8-14 SP	EACH	3	$	$
159	DETECTABLE WARNING SURFACE	8-14 SP	S.F.	190	$	$
160	PERMANENT SIGNING	8-21 SP	L.S.	1	LUMP SUM	$
161	REMOVING PLASTIC LINE	8-22 SP	L.F.	1,250	$	$
162	PLASTIC LINE	8-22 SP	L.F.	5,800	$	$
163	PLASTIC WIDE LANE LINE	8-22 SP	L.F.	500	$	$
164	PLASTIC STOP LINE	8-22 SP	L.F.	16	$	$
165	PLASTIC TRAFFIC ARROW	8-22 SP	EACH	8	$	$
166	PLASTIC BICYCLE LANE SYMBOL	8-22 SP	EACH	1	$	$
167	PLASTIC CROSSWALK LINE	8-22 SP	S.F.	360	$	$
					TOTAL=	$

Person/Entity Name: _____ Signature of Bidder: _____

Company: _____ Date: _____

CONTRACTOR'S ADMINISTRATIVE INFORMATION

1. PERSON/ENTITY

a. Name as registered with the State of Washington:_____

b. Physical Address:_____

c. Mailing Address including zip code:_____

d. Remit To Address including zip code:_____

e. Telephone number including area code:_____

f. Fax number including area code: _____

g. E-mail address for business correspondence:_____

h. Washington State Contractors License Number:_____

i. Federal Tax Identification Number:_____

j. Washington State UBI Number:_____

k. State Industrial Account Identification Number:_____

l. City of Spokane Valley Business License Number:_____
(Business License not required for Bid but will be required prior to Contract execution.)

2. INSURANCE COMPANY:

a. Name of company:_____

b. Mailing Address including zip code:_____

c. Insurance Agent Name:_____

d. Insurance Agent Telephone number including area code:_____

e. Insurance Agent Fax number including area code:_____

3. BONDING COMPANY:

a. Surety Name:_____

b. Surety Mailing Address including zip code:_____

c. Bonding Agent Name:_____

d. Bonding Agent Mailing Address including zip code:_____

e. Bonding Agent Telephone number including area code:_____

f. Bonding Agent Fax number including area code:_____

Person/Entity Name: _____ Signature Of Bidder: _____

Company: _____ Date:_____

BIDDER QUALIFICATION STATEMENT

The following statements of experience, personnel, equipment, and general qualifications of the Bidder are submitted with the assurance that the owner can rely on its accuracy and truthfulness. If more space is required for your answers please attach a continuation sheet(s) to the corresponding bid response page referencing the item number.

1. The company has been in business continuously from (month and year) _____

2. The company has had experience comparable to that required under the proposed contract:

   a. As a prime contractor for _____ years.

   b. As a subcontractor for _____ years.

3. The following is a partial list of work completed that was in order of magnitude equal to or greater in scope and complexity to that required under the proposed contract.

Year	Owner & Person to contact	Phone No.	Location	Contract Value

4. A list of supervisory personnel currently employed by the Bidder and available for work on the project (Construction Manager, principal foreman, superintendents and engineers) is as follows:

Name	Title	Years of Experience

5. Please attach a resume of the qualifications, previous employers, and experience of the project manager who is proposed to be assigned to the project. If a resume is not included in the bid documents the bidder agrees to furnish a resume within 24 hours of notice by the City.

6. Following is a listing of all projects the company has undertaken in the last five years, which have resulted in:

   a. Arbitration or litigation.

   b. Claims or violations being filed by the Federal Government or the Washington State Departments of L & I, Employment Security or Revenue.

   c. Liens being filed by suppliers or subcontractors.

Person/Entity Name: _____ Signature Of Bidder: _____

Company: _____ Date: _____

BID DEPOSIT

FORM OF BID DEPOSIT - CHECK ONE: Please submit this sheet with the bid deposit.

_____ CASH. Attach the deposit behind this sheet.

_____ SURETY BOND - Attach bid bond behind this sheet. *IT IS STRONGLY RECOMMENDED THAT YOU USE THE ATTACHED FORM*.

BID DEPOSIT REQUIRED. No bid may be considered for public work unless it is accompanied by a bid deposit in the form of a surety bond, postal money order, cash, cashier's check, or certified check in an amount equal to five percent (5%) of the amount of the bid proposed. If the bidder to whom the contract is awarded fails to enter into the contract and furnish the contractor's bond as required within ten days after notice of the award, exclusive of the day of notice, the amount of the bid deposit shall be forfeited to the City and the contract awarded to the next lowest and best bidder.

If the deposit is "cash" and is in the form of a postal money order, cashier's check, or certified check, the checks are to be made payable to the City of Spokane Valley. Cash bid deposits are to be accompanied by this form. Cash bid deposits of all unsuccessful bidders shall be returned after the contract is awarded and the required contractor's bond and proof of insurance given by the successful bidder is accepted by the City of Spokane Valley.

If the bid deposit is in the form of a surety bond it must be of a corporate surety licensed to do business in the State of Washington. The City strongly recommends the use of the attached City Bid Deposit Surety Bond Form. If the City's Bid Deposit Surety Bond Form is not used, the bidder is warned to take special care in assuring that the form used does not materially alter, qualify or conflict with the terms and conditions set forth in the City's Bid Deposit Surety Bond Form. The failure to furnish a bid bond in compliance with the City's Bid Deposit Surety Bond Form shall make the bid non-responsive and shall cause the bid to be rejected by the City.

Person/Entity Name: _____ Signature Of Bidder: _____

Company: _____ Date: _____

BOND NO:_____

CONTRACTOR'S BID DEPOSIT SURETY BOND
to City of Spokane Valley, Washington

We, _____, as Principal, existing under and by virtue of the laws of the State of Washington and authorized to do business in the State of Washington, and _____, as Surety, organized and existing under the laws of the State of _____ , are held and firmly bound unto the City of Spokane Valley, a Washington municipality, as Obligee, in the penal sum of 5% of the total amount bid, not to exceed $_____, for the payment of which we jointly and severally bind ourselves, and our legal representatives and successors.

WHEREAS, the Principal has submitted a bid for **Wellesley Ave Preservation #0353**

NOW THEREFORE, the condition of the obligation is such that if the Obligee shall accept the bid of Principal and make timely award to the Principal according to the terms of the bid documents; and the Principal shall, within ten days after notice of the award, exclusive of the day of notice, enter into the contract with the Obligee and furnish the contractor's bonds (performance and payment bonds) with Surety satisfactory to the Obligee in an amount equal to 100% of the amount of the bid proposed including additives, alternatives and Washington State sales tax, then this obligation shall be null and void; otherwise if the Principal fails to enter into the contract and fails to furnish the contractor's bonds within ten days of notice of award, exclusive of the day of notice, the amount of the bid deposit shall be forfeited to the Obligee, payable by the Surety; but in no event will the Surety's liability exceed the face amount of this bid bond.

This bond may be executed in two original counterparts and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety.

PRINCIPAL (CONTRACTOR)		SURETY	
_____		_____	
Principal Signature	Date	Surety Signature	Date
_____		_____	
Printed Name		Printed Name	
_____		_____	
Title		Title	

Name, address, and telephone of local office/agent of Surety Company is:

_____

_____

Revised 1.14.13

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 or Contractor/Bidder – Print full legal entity name of firm

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

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

Date: _____

Proposal for Incorporating Recycled Materials into the Project

In compliance with the law that went into effect January 1, 2016 (SH1695), the Bidder shall propose below, the total percent of construction aggregate and concrete materials to be incorporated in the Project that are recycled materials. Calculated percentages must be within the amounts allowed in Section 9-03.21(1)E, Table of Maximum Allowable Percent (By Weight) of Recycled Material, of the Standard Specifications.

Proposed total percentage: _____ percent.

Note: *Use of recycled materials is highly encouraged within the limits shown above but does not constitute a Bidder Preference and will not affect the determination of award, unless two or more lowest responsive Bid totals are exactly equal, in which case proposed recycling percentages will be used as a tiebreaker, per APWA GSP in Section 1-03.1(1) of the Special Provisions. Regardless, the Bidder's stated proposed percentages will become a goal the Contractor should do its best to accomplish. Bidders will be required to report on recycled materials actually incorporated into the Project, in accordance with the APWA GSP in Section 1-06.6 of the Special Provisions.*

Person/Entity Name: _____ Signature Of Bidder: _____

Company: _____ Date: _____

REPRESENTATIONS AND CERTIFICATIONS

Pursuant to RCW 9A.72.085, I _____, declare under penalty of perjury under the laws of the State of Washington that the following Representations and Certifications are true and correct:

REPRESENTATION: I am the _____(position) for _____ (company name), (hereinafter "Firm"), and have been duly authorized to make all such representations and certifications herein on behalf of the Firm. Any reference herein to "I," "me," or "we" means the Firm.

ANTI-KICKBACK REPRESENTATION: No officer or employee of the City of Spokane Valley, having the power or duty to perform an official act or action related to this submittal, has, nor will they acquire any interest in this submittal, or have solicited, accepted or granted a present or future gift, favor, service, or other thing of value from or to any person involved in this submittal.

REPRESENTATION: In submitting this bid I represent that the bid documents have been read and understood, that the site has been visited and or that I have become familiarized with the local conditions under which the work is to be performed, that by signature of this proposal I acknowledge all requirements and that I or authorized representatives of the Firm have signed all certificates contained herein.

REPRESENTATION: In submitting this bid I acknowledge and agree to the requirements and conditions applicable to bid deposits in the form of a cash bid deposit or surety bond bid deposit.

NON-COLLUSION: That the Firm and all associated members, officers, and employees of such Firm 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 bid is submitted.

I CERTIFY that pursuant to RCW 39.04.350(1)(d) and RCW 39.06.010, no final determination of violation of RCW 50.12.070(1)(b), 50.16.070(1)(b), or 82.32.070(1)(b) has been made by the Washington State Departments of Employment Security, Labor And Industries or Revenue respectively dated within two years of the date of the closing of this bid. I understand further that no bid may be submitted, considered or contract awarded for a public work to any person or entity that has a determination of violation of the above referenced statutes within two years from the date that a violation is finally determined and the date of this bid closing.

I CERTIFY that the Firm is not in violation of RCW 39.04.350(1)(d) and RCW 39.12.065(3) with regard to payment of prevailing wages.

I CERTIFY that pursuant to RCW 39.04.350(1)(g), in the three-year period immediately preceding the date of the bid solicitation, no final and binding citation and assessment has been issued by the Department of Labor and Industries and no civil judgment has been entered by a court of limited or general jurisdiction for any willful violation of chapters 49.46, 49.48, or 49.52 RCW.

I CERTIFY that pursuant to RCW 39.04.350(1)(f), all necessary members, officers, and employees of the Firm have:

CHECK ONE:

☐ Completed the appropriate training on prevailing wage and public works requirements prior to contract award; or

☐ Completed three or more public works projects and has held a valid Washington business for three or more years.

A copy of evidence of such training or exemption from the Department of Labor and Industries has been attached to this Representation and Certification Form.

I CERTIFY that pursuant to RCW 39.06.020, if selected, I will verify the responsibility criteria for all subcontractors as set forth in RCW 39.04.350(1).

I CERTIFY that to the best of my knowledge the information contained in this proposal is accurate and complete and that I have the legal authority to commit this Firm to a contractual agreement. I realize the final funding for any service is based upon budget levels and the approval of the City of Spokane Valley.

I CERTIFY that by signing the signature page of this bid, I am deemed to have signed and have agreed to the provisions of this declaration.

Name: _____
Person/entity submitting bid (print)

Signature: _____

Title: _____

Date: _____

Place Signed: _____

City of Spokane Valley

10210 East Sprague Avenue
Spokane Valley, WA 99206

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 structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or 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 structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW 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 it 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.

DOT Form 271-015LP
Revised 06/2020

BIDDER QUESTION FORM

Wellesley Ave Preservation #0353
City of Spokane Valley

In accordance with Section 1-02.4(1) General, the following form is provided for noting errors or conflicts found in the plans or specifications or for asking questions that are pertinent to bidding the contract.

Submit the form by email to Kristen Armstrong and Candice Powers-Henderson. The Subject line must include the project name and number. See example below:

To: KArmstrong@SpokaneValleyWA.gov; CPHenderson@SpokaneValleywa.gov
Subject: Wellesley Ave Preservation #0353

All emails must be received by 10:00 a.m., 72 hours prior to the bid opening to allow the City time to respond. The Engineer will issue clarifications via addenda, emailed to questioner and all prospective bidders listed on the Planholder's List.

I have the following question:

Specification Reference _____ or Page No:_____

Detail No. _____ Plan Sheet No. _____

Please respond to:

Name:_____

Company: _____

Address: _____

Email address: _____

PART 3
CONTRACT FORMS

Contract
Contractor's Performance Bond
Contractor’s Payment Bond

Contract

This agreement is entered into this _____ day of _____, 2025, between the City of Spokane Valley ("City") and _____("Contractor"), pursuant to Title 35 RCW, as adopted or amended.

In consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties agree as follows:

I. The Contractor shall do all work and furnish all tools, materials, and equipment for:

Wellesley Ave Preservation Project #0353
Contract 25-XXX

in accordance with and as described in the Contract Documents. The "Contract Documents" are defined to include the following: this Contract; the Contract Provisions and Plans for CIP No. 0353, the 2025 Standard Specifications for Road, Bridges, and Municipal Construction as prepared by the Washington State of Department of Transportation ("Standard Specifications" available online on WSDOT's website), Addenda (as defined in the Standard Specifications), the Contractor's completed and submitted Bid Proposal Documents, Special Provisions for CIP No. 0353, including the WSDOT Standard Plans and City Standard Plans identified therein, Performance and Payment Bonds (attached hereto as Exhibits A and B respectively), all change orders and contract amendments signed by both Parties after the date this Contract has been fully executed, as well as all documents, exhibits, appendices, and attachments to or referenced in any of the aforementioned Contract Documents. All Contract Documents listed here are incorporated herein by reference and made a part hereof. To the extent any documents are incorporated by reference into the Standard Specifications and/or Special Provisions, they are incorporated herein by reference and made part of the Contract Documents.

Contractor shall perform any changes in the work in accord with the Contract Documents. The Contractor shall provide and bear the expense of all equipment, work, and labor, of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in these Contract Documents except those items mentioned therein to be furnished by the City.

II. The City hereby promises and agrees with the Contractor to employ, and does employ the Contractor to provide the materials and to do and cause to be done the above described work and to complete and finish the same in accord with the project plans and specification and the terms and conditions herein contained and hereby contracts to pay for the same according to the referenced specifications and the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract.

III. The Contractor for himself/herself, and for his/hers heirs, executors, administrators, successors, and assigns, does hereby agree to full performance of all covenants required of the Contractor in the contract.

IV. It is further provided that no liability shall attach to the City by reason of entering onto this contract, except as provided herein.

V. The prevailing party in any litigation or arbitration arising out of this Agreement shall be entitled to its attorney's fees and costs of such litigation or arbitration (including expert witness fees).

VI. The project was awarded for the bid amount of **$_____.**

VII. It is understood and agreed that Contractor shall be an independent contractor and not the agent or employee of City, that City is interested in only the results to be achieved, and that the right to control the particular manner, method, and means in which the services are performed is solely within the discretion of Contractor. Any and all employees who provide services to City under this Agreement shall be deemed employees solely of Contractor. The Contractor shall be solely responsible for the conduct and actions of all its employees under this Agreement and any liability that may attach thereto.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the date below, and the City has caused this instrument to be executed on the date stated above.

Executed by Contractor _____ , 2025.
Date

_____
Printed Name

_____
Title

_____
Signature

City of Spokane Valley

John Hohman
Printed Name

City Manager
Title

_____
Signature

EXHIBIT A

BOND NO: _____

CONTRACTOR'S PERFORMANCE BOND
to City of Spokane Valley, Washington

The City of Spokane Valley, Spokane County, Washington, has awarded to _____ (Contractor), as Principal, a contract for the construction of the project designated as **Wellesley Ave Preservation**, Project No. **0353** in Spokane Valley, Washington, and said Principal is required under the terms of the Contract to furnish a performance bond in accordance with chapter 39.08 Revised Code of Washington (RCW).

The Principal, and _____ (Surety), a corporation, organized under the laws of _____ and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the City of Spokane Valley, as Obligee, in the sum of $_____ total Contract amount (including Washington State sales tax), subject to the provisions herein.

This performance bond shall become null and void, if and when the Principal, its heirs, executors, administrators, successors, or assigns shall well and faithfully perform all of the Principal's obligations under the Contract and fulfill all the terms and conditions of all duly authorized modifications, additions, and changes to said Contract that may hereafter be made, at the time and in the manner therein specified; shall warranty the work as provided in the Contract and shall indemnify and hold harmless the Obligee from any defects in the workmanship and materials incorporated into the work for the period identified in the Contract; and if such performance obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on this bond, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

This bond may be executed in two original counterparts, and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety.

PRINCIPAL (CONTRACTOR)		SURETY	
_____		_____	
Principal Signature	Date	Surety Signature	Date
_____		_____	
Printed Name		Printed Name	
_____		_____	
Title		Title	

Name, address, and telephone of local office/agent of Surety Company is:

_____

_____

_____

Revised 2.9.2023

EXHIBIT B

BOND NO: _____

CONTRACTOR'S PAYMENT BOND
to City of Spokane Valley, Washington

The City of Spokane Valley, Spokane County, Washington, has awarded to _____ (Contractor), as Principal, a contract for the construction of the project designated as **Wellesley Ave Preservation**, Project No. **0353** in Spokane Valley, Washington, and said Principal is required under the terms of the Contract to furnish a payment bond in accordance with chapter 39.08 Revised Code of Washington (RCW) and chapter 60.28 RCW.

The Principal, and _____ (Surety), a corporation organized under the laws of _____ and licensed to do business in the State of Washington as surety and named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Dept., are jointly and severally held and firmly bound to the City of Spokane Valley, as Obligee, in the sum of $_____ total Contract amount, subject to the provisions herein. This payment bond shall cover any and all taxes incurred pursuant to Titles 50 and 51 RCW, taxes imposed on the Principal pursuant to Title 82 RCW, and any additional sales taxes.

This payment bond shall become null and void, if and when the Principal, its heirs, executors, administrators, successors, or assigns shall pay all persons in accordance with chapters 39.08, 39.12, and 60.28 RCW, including all workers, laborers, mechanics, subcontractors, and materialmen, and all persons who shall supply such contractor or subcontractor with provisions and supplies for the carrying on of such work; shall pay all taxes due pursuant to Titles 50, 51, and 82 RCW; and shall indemnify and hold harmless the Obligee from all loss, cost, or damage which Obligee may suffer by reason of the failure of Principal to make such required payments; and if such payment obligations have not been fulfilled, this bond shall remain in full force and effect.

The Surety for value received agrees that no change, extension of time, alteration or addition to the terms of the Contract, the specifications accompanying the Contract, or to the work to be performed under the Contract shall in any way affect its obligation on this bond, except as provided herein, and waives notice of any change, extension of time, alteration or addition to the terms of the Contract or the work performed. The Surety agrees that modifications and changes to the terms and conditions of the Contract that increase the total amount to be paid the Principal shall automatically increase the obligation of the Surety on this bond and notice to Surety is not required for such increased obligation.

This bond may be executed in two original counterparts, and shall be signed by the parties' duly authorized officers. This bond will only be accepted if it is accompanied by a fully executed and original power of attorney for the officer executing on behalf of the surety.

PRINCIPAL (CONTRACTOR)		SURETY	
_____		_____	
Principal Signature	Date	Surety Signature	Date
_____		_____	
Printed Name		Printed Name	
_____		_____	
Title		Title	

Name, address, and telephone of local office/agent of Surety Company is:

_____

_____

_____

Revised 2.9.23

PART 4
GENERAL SPECIAL PROVISIONS

Division 1	General Requirements
Division 2	Earthwork
Division 4	Bases
Division 5	Surface Treatments and Pavements
Division 6	Structures
Division 7	Drainage Structures, Storm Sewers, Sanitary Sewer, etc.
Division 8	Miscellaneous Construction
Division 9	Materials

INTRODUCTION TO THE SPECIAL PROVISIONS

(January 4, 2024 APWA GSP, Option B)

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2024 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter "Standard Specifications"). The Standard Specifications, as modified or supplemented by these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

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

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

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

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any
- *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT Manual M21-01, current edition
- City of Spokane Valley Standard Plans

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 Wellesley Avenue from Tolford Road to Isenhart Road and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

(January 19, 2022 APWA GSP)

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

Dates

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

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

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

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

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

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

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

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

Supplement this Section with the following:

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

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

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

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

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

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

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

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

Contract Documents
See definition for "Contract".

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

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

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

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

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this section and replace it with the following:

1-02.1 Qualifications of Bidder
(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")	6	Furnished automatically upon award.
Contract Provisions	6	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	**0**	Furnished at the Contractor's expense.

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.

1-02.4 Examination of Plans, Specifications, and Site of Work

1-02.4(1) General
(December 30, 2022 APWA GSP Option A)

The first sentence of the ninth paragraph, beginning with "Any prospective Bidder desiring…", is revised to read:

Prospective Bidders desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing soon enough to allow a written reply to reach all prospective Bidders before the submission of their Bids.

1-02.4(1) General

(December 30, 2022 APWA GSP Option B)

The first sentence of the ninth paragraph, beginning with "Any prospective Bidder desiring…", is revised to read:

Prospective Bidders desiring an explanation or interpretation of the Bid Documents, shall request the explanation or interpretation in writing by close of business 3 days preceding the bid opening to allow a written reply to reach all prospective Bidders before the submission of their Bids.

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

1-02.6(1) Recycled Materials Proposal

(January 4, 2016 APWA GSP)

Add the following new section:

The Bidder shall submit with the Bid, its proposal for incorporating recycled materials into the project, using the form provided in the Contract Provisions.

1-02.7 Bid Deposit

(March 8, 2013 APWA GSP)

Supplement this section with the following:

Bid 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 bid 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.

If so stated in the Contract Provisions, bidder must use the bond form included in the Contract Provisions.

If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

1-02.9 Delivery of Proposals

(February 1, 2022 COSV GSP)

The first two paragraphs of Section 1-02.9 are deleted and replaced 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.

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.

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.

1-02.12 Public Opening of Proposals

(2024 COSV GSP)

Section 1-02.12 is deleted and replaced with the following:

Sealed bids are to be received at the Spokane Valley City Hall, 10210 E Sprague Ave, Spokane Valley, WA 99206, prior to the time and date specified in the Advertisement For Bids.

Bids shall be publicly opened and read immediately thereafter.

1-02.13 Irregular Proposals

(January 4, 2024 APWA GSP)

Delete this section and replace it with the following:

1. A Proposal will be considered irregular and will be rejected if:
   a. The Bidder is not prequalified when so required;
   b. The Bidder adds provisions reserving the right to reject or accept the Award, or enter into the Contract;
   c. A price per unit cannot be determined from the Bid Proposal;
   d. The Proposal form is not properly executed;
   e. The Bidder fails to submit or properly complete a subcontractor list (WSDOT Form 271-015), if applicable, as required in Section 1-02.6;
   f. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification (WSDOT Form 272-056), if applicable, as required in Section 1-02.6;
   g. The Bidder fails to submit Written Confirmations (WSDOT Form 422-031) 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;
   h. 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 in accordance with Section 1-07.11;
   i. The Bidder fails to submit a DBE Bid Item Breakdown (WSDOT Form 272-054), 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;
   j. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation.

2. A Proposal may be considered irregular and may be rejected if:
   a. The Proposal does not include a unit price for every Bid item;
   b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
   c. The authorized Proposal Form furnished by the Contracting Agency is not used or is altered;

d. The completed Proposal form contains unauthorized additions, deletions, alternate Bids, or conditions;
e. Receipt of Addenda is not acknowledged;
f. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
g. If Proposal form entries are not made in ink.

1-02.14 Disqualification of Bidders

(May 17, 2018 APWA GSP, Option A)

Delete this section and replace it with the following:

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

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

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

1-02.15 Pre Award Information

(December 30, 2022 APWA GSP)

Revise this section to read:

Before awarding any contract, the Contracting Agency may require one or more of these items or actions of the apparent lowest responsible bidder:

1. A complete statement of the origin, composition, and manufacture of any or all materials to be used,
2. Samples of these materials for quality and fitness tests,
3. A progress schedule (in a form the Contracting Agency requires) showing the order of and time required for the various phases of the work,
4. A breakdown of costs assigned to any bid item,
5. Attendance at a conference with the Engineer or representatives of the Engineer,
6. Obtain, and furnish a copy of, a business license to do business in the city or county where the work is located.
7. Any other information or action taken that is deemed necessary to ensure that the bidder is the lowest responsible bidder.

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

(December 30, 2022 APWA GSP)

Revise the first paragraph to read:

After opening and reading proposals, the Contracting Agency will check them for correctness of extensions of the prices per unit and the total price. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control. If a minimum bid amount has been established for any item and the bidder's unit or lump sum price is less than the minimum specified amount, the Contracting Agency will unilaterally revise the unit or lump sum price, to the minimum specified amount and recalculate the extension. The total of extensions, corrected where necessary, including sales taxes where applicable and such additives and/or alternates as selected by the Contracting Agency, will be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price amount and the amount of the contract bond.

1-03.1(1) Identical Bid Totals

(December 30, 2022 APWA GSP)

Revise this section to read:

After opening Bids, if two or more lowest responsive Bid totals are exactly equal, then the tie-breaker will be the Bidder with an equal lowest bid, that proposed to use the highest percentage of recycled materials in the Project, per the form submitted with the Bid Proposal. If those percentages are also exactly equal, then the tie-breaker will be determined by drawing as follows: Two or more slips of paper will be marked as follows: one marked "Winner" and the other(s) marked "unsuccessful". The slips will be folded to make the marking unseen. The slips will be placed inside a box. One authorized representative of each Bidder shall draw a slip from the box. Bidders shall draw in alphabetic order by the name of the firm as registered with the Washington State Department of Licensing. The slips shall be unfolded and the firm with the slip marked "Winner" will be determined to be the successful Bidder and eligible for Award of the Contract. Only those Bidders who submitted a Bid total that is exactly equal to the lowest responsive Bid, and with a proposed recycled materials percentage that is exactly equal to the highest proposed recycled materials amount, are eligible to draw.

1-03.3 Execution of Contract

(January 4, 2024 APWA GSP Option B)

Revise this section to read:

Within 3 calendar days of Award date (not including Saturdays, Sundays and Holidays), the successful Bidder shall provide the information necessary to execute the Contract to the Contracting Agency. The Bidder shall send the contact information, including the full name, email address, and phone number, for the authorized signer and bonding agent to the Contracting Agency.

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 7 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, a satisfactory bond as required by law and Section 1-03.4, the Transfer of Coverage form for the Construction Stormwater General Permit with sections I, III, and VIII completed when provided. Before execution of the contract by the Contracting Agency, the successful bidder shall provide 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 14 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

(December 30, 2022 APWA GSP)

Revise this section to read:

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

1-04 SCOPE OF THE WORK

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

(December 30, 2022 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.

1-04.4 Changes

(January 19, 2022 APWA GSP)

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

1-04.4(1) Minor Changes

(2024 COSV GSP)

Section 1-04.4(1) is supplemented with the following:

Minor Change	Calculation

1-05 CONTROL OF WORK

1-05.4 Conformity With and Deviations From Plans and Stakes

(2024 COSV GSP)

Section 1-05.4 is supplemented with the following:

Contractor Surveying

The Contractor shall furnish all survey necessary for the construction of this project.

The Contractor shall be responsible for setting, maintaining and resetting (as may be required) all horizontal and vertical construction staking necessary for the installation, construction or reconstruction of the utilities, subgrade, base course, top course, drainage, surfacing, walls, curbing, sidewalk, pedestrian pathways, driveway approaches, paving, channelization, , illumination, signals, fencing, guardrails, barriers, signing and all other Work defined in the Contract documents. Except for the survey control data to be furnished by the Contracting Agency, any additional calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

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

Contractor-supplied survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Vertical secondary control shall be established using spirit levels, not a GPS system. Provide level notes and horizontal control notes and other descriptions of secondary control to the Contracting Agency.

2. Establish intermediate benchmarks as needed to provide vertical control throughout the project. A copy of cut sheets with reference to actual benchmark elevations shall be provided to the Engineer at the same time it is supplied to the Contractor, but not less than 2 working days prior to construction.

3. Establish the centerlines of all alignments by placing hubs, stakes, or marks on centerline or on offsets to centerline at points along the alignments at a maximum spacing of fifty feet and at all grade breaks and curve points (PCs, PTs, and PIs).

4. Establish clearing limits. Stake at all angle points and intermediate points at a maximum spacing of fifty feet between stakes.

5. Establish grading limits. Place slope stakes at maximum centerline increments of 50 feet. Establish offset reference to all slope stakes.

6. Setting and maintaining 2-inch by 2-inch offset hubs with a tack at 50-foot intervals for all water, storm, culvert and sanitary sewer lines and grades. The offset hubs shall be set perpendicular to the storm and sanitary sewer line, with two hubs set at meter boxes, hydrants, manholes, cleanouts, catch basins, drywells, and storm drain outfalls. The stationing, offset distance, cut to invert, cut to rim, and hub elevation shall be marked on the guard stake.

7. Establish the horizontal and vertical location of all drainage features such as ditches and curb inlets, providing offset stakes at a horizontal interval not greater than 25 feet.

8. Establish roadbed, and surfacing elevations by placing stakes/hubs at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes/hubs shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transverse staking shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes/hubs is not more than 12 feet.

9. Establish top back of Curb elevations by setting stakes/hubs at horizontal intervals not greater than 25 feet in tangent sections; all point of curvature (PC) stations; point of tangency (PT) stations; at curb radii, at quarter points in all curb curve sections and at center of pedestrian ramp stations showing gutter line grade.

10. Establish sidewalk control points at grade breaks and panel angle points by setting stakes / hubs marked with cuts and fills to finish grade required to construct pedestrian ramp plans after demolition and subgrade is excavated.

11. Block or modular block walls will be staked with a single offset line to the bottom face of wall, placing stakes at beginning and end of walls, horizontal angle points/curves and at approximately 50-foot intervals.

12. Swales shall be staked at top of slope and bottom of slope for all spot elevations shown on the plans and other intermediate points the Contractor may need to facilitate construction.

13. Illumination poles, signal poles, junction boxes, and sign posts will be staked with two offset reference points.

14. For concrete pavement the surveyor shall establish roadbed and surfacing elevations by placing stakes/hubs at the top of subgrade and at the top of each course of surfacing. The subgrade stakes shall be set at all PCC panel corner locations. Top of crushed surfacing stakes shall be set at every PCC panel corner location. During final grading operations, the Contractor will schedule the staking crew to be on site to set missing hubs and correct grades while the Engineer verifies the hubs. The Contractor shall not set forms until the engineer has verified the hubs. The staking crew will record the concrete panel locations. After concrete placement and prior to sawcutting the staking crew shall mark with white paint all angle points in the PCC panel joint layout.

15. According to WAC 332-120 “Survey Monuments – Removal or Destruction”, a surveyor licensed in the State of Washington has been hired by the City to search the proposed construction area for known or existing survey monuments. All found monuments are shown on the plans. If, during construction, the Contractor discovers existing survey monuments, not shown on the plans, he shall immediately notify the Engineer. If a property corner is shown on the plans and it is not shown to be removed and the Contractor’s operations moves or destroys it, the Contractor shall re-establish it or replace it at his own expense. Re-establishment or replacement of property corners shall be done only by a Washington State licensed Land Surveyor and be in accordance with WAC 332-120.

The Contractor shall provide the Contracting Agency copies of any, survey notes, references for monuments, calculations and staking data when requested by the Engineer.

Copies of the primary survey control data provided by the contracting agency are available for the bidder's inspection at the office of the Project Engineer.

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

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

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of a minimum of two primary control points used for the horizontal and vertical control. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project.

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

	Vertical	Horizontal
Slope stakes	±0.2 feet	±0.10 feet
Subgrade grade stakes/hubs set 0.04 feet below grade	0.01 feet (high) 0.04 feet (low)	±0.1 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Top of Crushed Surfacing or Paving	±0.01feet	±0.04 feet (parallel to alignment) ±0.04 feet (normal to alignment)
Top of Curb	±0.02 feet	±0.04 feet (parallel to alignment) ±0.04 feet (normal to alignment)
Concrete Panel Joints	±0.02 feet	±0.04 feet (parallel to alignment) ±0.04 feet (normal to alignment)

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

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

The Contracting Agency will provide AutoCad drawing files showing the horizontal and vertical alignments. The Contractor shall calculate coordinates for the alignment and develop his own staking sheets for the project. He shall provide a copy of the staking sheets to the Engineer prior to beginning excavation activities.

Stakes shall be provided to construct this project in accordance with the Plans. Additional stakes may be needed that are not described in the Plans; these additional stakes will be required but not limited to intersections and drainage. The Contractor shall thoroughly familiarize themselves with the plans to identify all additional staking not described in items 1-15 above.

Once the offset hubs have been set, the Contractor shall keep them accessible for use by the Agency. If hubs cannot be accessed due to spoil piles or equipment, the Contractor shall place additional hubs in a location acceptable to the Engineer.

Measurement

There is no specific measurement for the lump sum item "Construction Surveying."

There is no specific measurement for the lump sum item "Construction Surveying-Utility."

Payment

Payment will be made in accordance with Section 1-04.1 for the following bid items: when included in the proposal:

Construction Surveying	Lump Sum

"Construction Surveying", per lump sum.

The lump sum price for "Construction Surveying" shall be full pay for furnishing all tools, labor, equipment, and materials required to provide surveying services for road, stormwater and signal/illumination construction described by these specifications.

1-05.5 Tolerances

(2024 COSV GSP)

Section 1-05.5 is supplemented with the following:

The tolerance limits specified in Section 1-05.4 of the Special Provisions shall also apply to the Work.

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.

1-05.11 Final Inspection

Delete this section and replace it with the following:

1-05.11 Final Inspections and Operational Testing

(October 1, 2005 APWA GSP)

1-05.11(1) Substantial Completion Date

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

If, after this inspection, the Engineer concurs with the Contractor that the work is substantially complete and ready for its intended use, the Engineer, by written notice to the Contractor, will set

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

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

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

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

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

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.
The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Engineer's right hereunder.

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

1-05.11(3) Operational Testing

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

they were installed. The Physical Completion Date cannot be established until testing and corrections have been completed to the satisfaction of the Engineer.

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

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

1-05.12(1) Guarantee Period

(February 7, 2019 COSV GSP)

Section 1-05.12(1) is supplemented with the following:

The Contractor shall return to the project and repair or replace all defects in workmanship and material discovered within two years after Final Acceptance of the Work. The Contractor shall start work to remedy any such defects within 7 calendar days of receiving Contracting Agency's written notice of a defect and shall complete such work within the time stated in the Contracting Agency's notice. In case of an emergency, where damage may result from delay or where loss of services may result, such corrections may be made by the Contracting Agency's own forces or another contractor, in which case the cost of corrections shall be paid by the Contractor. In the event the Contractor does not accomplish corrections within the time specified, the work will be otherwise accomplished and the cost of same shall be paid by the Contractor.

When corrections of defects are made, the Contractor shall then be responsible for correcting all defects in workmanship and materials in the corrected work for one year after acceptance of the corrections by Contracting Agency.

This guarantee is supplemental to and does not limit or affect the requirements that the Contractor's work comply with the requirements of the Contract or any other legal rights or remedies of the Contracting Agency.

1-05.13 Superintendents, Labor and Equipment of Contractor

(*2024* COSV GSP)

The fourth and fifth sentence of the second paragraph in Section 1-05.13 is revised to read:

The prime contractor shall have a superintendent or a person with authority over the project, on-site during the hours of work per 1-08.0(2) and during any additional approved work hours. Any superintendent who fails to follow the Engineer's written directions, instructions, or determinations; or who is found to not be physically present on the jobsite during the approved hours of work hours; may be subject to removal from the project. Upon the written request of the Engineer, the Contractor shall immediately remove such superintendent and name a replacement in writing. The Engineer may direct the Contractor to stop work until a new Superintendent can be installed who is physically present on the job site. The resulting period of work stoppage shall be counted as working days.

1-05.13 Superintendents, Labor and Equipment of Contractor

(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

1-05.14 Cooperation With Other Contractors

Section 1-05.14 is supplemented with the following:

(March 13, 1995)
Other Contracts Or Other Work
It is anticipated that the following work adjacent to or within the limits of this project will be performed by others during the course of this project and will require coordination of the work:

***

- Avista- relocate light pole into new curbline of bulb out section at SE corner of Wellesley and Tolford Rd.
- Avista- verify depth of gas line east of Moore after pothole
- Lumen has identified shallow communication lines on the south side of Wellesley Ave (Approx. Sta 14+25 to 25+75). Contractor will need to coordinate with Lumen for the relocation and lowering of the communication lines.
- AT&T, Comcast,- contact about potential to relocate communication lines.

***

1-05.15 Method of Serving Notices
(January 4, 2024 APWA GSP)

Revise the second paragraph to read:

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

1-05.16 Water and Power
(October 1, 2005 APWA GSP)

Add the following new section:

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

1-06 CONTROL OF MATERIAL

1-06.1 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.

1-06.1(4) Fabrication Inspection Expense

(June 27, 2011 AWPA GSP)

Delete this section in its entirety.

1-06.2 Acceptance of Materials

1-06.2(1) Samples and Tests for Acceptance

(*2024* COSV GSP)

Section 1-06.2(1) is supplement with the following:

The Contractor shall submit a written request to the Contracting Agency two working days in advance, when a material is ready for acceptance tests. The request shall include the type of materials and the locations ready to be tested.

The Contracting Agency will provide testing services through a certified testing firm and laboratory. The Contracting Agency will schedule two material testing service site visits per day. The definition of a site visit is the time necessary to complete all available acceptance testing per the contractor's request. The Contracting Agency's onsite representative, will determine when all active acceptance testing is complete and release the material tester for the day.

The Contractor may request more than two site visits per working day, each additional site visit a deduction for the material tester's mobilization will be made at $200.00 per site visit. The deduction(s) will be subtracted from any money due or coming due to the Contractor.

Failure to have the areas and materials ready for acceptance testing as requested may result in the release of the material tester for the day.

1-06.2(2) Statistical Evaluation of Materials for Acceptance

1-06.2(2)B Financial Incentive

(January 4, 2024 AWPA GSP)

Replace the first sentence of this Section with the following:

The maximum Composite Pay Factor shall be 1.00.

1-06.6 Recycled Materials

(2024 COSV GSP)

Section 1-06.6 is deleted and replaced 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.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed

(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

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

1-07.1(2) Health and Safety

(April 3, 2006)

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

Confined Space

Confined spaces are known to exist at the following locations:

- New and existing catch basins, manholes and drywells

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

The Contractor shall prepare and implement a confined space program for each of the confined spaces identified above. The Contractors Confined Space program shall be sent to the Contracting Agency at least 7 days prior to the Contractor beginning work in or adjacent to the confined space. No work shall be performed in or adjacent to the confined space until the plan is

submitted to the Engineer as required. The Contractor shall communicate with the Project Engineer to ensure a coordinated effort for providing and maintaining a safe worksite for both the Contracting Agency's and Contractor's workers when working in or near a confined space.

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

1-07.2 State Taxes

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

1-07.2 State Sales Tax

(June 27, 2011 APWA GSP)

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

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

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

1-07.2(1) State Sales Tax — Rule 171

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

1-07.2(2) State Sales Tax — Rule 170

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

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

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

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

1-07.2(3) Services

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

1-07.15 Temporary Water Pollution Prevention

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

(2024 , COSV GSP)

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

Payment will be made for each of the following bid items:

SPCC Plan	Lump Sum

1-07.16 Protection and Restoration of Property

1-07.16(1) Private/Public Property

(*2024* COSV GSP)

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

Work Area Limits

Easement and right-of-way limits are shown on the plans. The Contractor shall confine all of his operation within these limits unless he obtains written approval from the adjacent property owner(s).

Use of Private Property

The Contractor shall file with the City a copy of each written permission obtained to use private property prior to use.

1-07.17 Utilities and Similar Facilities

(April 2, 2007)

Section 1-07.17 is supplemented with the following:

Locations and dimensions shown in the 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:

***

Call Before you Dig On Call Center Ph. 811	Avista Utilities (Gas Attn: Robb Koschalk 2406 N. Dollar Rd MSC-060 Spokane Valley, WA 99212 Ph: (509) 495-2034, (509) 280-7383 (Cell)
Spokane County Wastewater Operations Attn: Chris Walker 12107 E Empire Way Spokane Valley, WA CDWalker@spokanecounty.org Ph: (509) 477-1984	Avista Utilities (Fiber) Attn: Eric Barnes 1411 E. Mission Avenue Spokane, WA 99202 Ph: (509) 495-2493
Avista Utilities (Power) Attn: Blake Davis Customer Project Coordinator Blake.davis@avistacorp.com 1411 E. Mission Avenue Spokane, WA 99202 Ph: (509) 495-2211	Lumen Technologies (formerly Century Link) TERR-1016622 Attn: Nolan Shanholtzer, Project Manager nshanholtzer@congruex.com (360) 787-8955
AT&T roberta.anderson@sienaengineeringgroup.com; ed.burton@sienaengineeringgroup.com;	Comcast Brent Fischer Ph : (509) 755-4804 brent_fisher@cable.comcast.com; mark_davis3@cable.comcast.com
Trentwood Irrigation District #3 Attn: Devon S. and Mike Klein 4402 N. Sulivan Road Spokane Valley, WA 99216 (509) 922-7532	Avista Gas Michelle Chambers (509) 495-4963, Cell (509) 655-2226 Alex McGrath, Gas Project Coordinator (509) 495-4150, Cell (509) 280-5070

***

(October 3, 2022)
Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or these Special Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this project. It is anticipated that utility adjustment, relocation, replacement or construction within the project limits will be completed as follows:

***See Section 1-05.14 ***

The Contractor shall attend a mandatory utility preconstruction meeting with the Engineer, all affected Subcontractors, and all utility owners and their Contractors prior to beginning onsite work.

The following addresses and telephone numbers of utility companies or their Contractors that will be adjusting, relocating, replacing or constructing utilities within the project limits are supplied for the Contractor's use:

*** See Table Above***

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, 2024 APWA GSP)

1-07.18(1) General Requirements

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

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

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

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

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

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

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

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

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

1-07.18(2) Additional Insured

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

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

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

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

1-07.18(3) Subcontractors

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

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

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

1-07.18(4) Verification of Coverage

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

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall 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:

$2,000,000 Each Occurrence

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

1-07.18(5)B Automobile Liability

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

Such policy must provide the following minimum limit:

$1,000,000	Combined single limit each accident

1-07.18(5)C Workers' Compensation

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

1-07.22 Use of Explosives

(2024 COSV GSP)

Section 1-07.22 is deleted in its entirety and replaced with the following:

Blasting is not allowed on City of Spokane Valley public works projects. Rock excavation shall be accomplished by other methods.

1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic

(2024 COSV GSP, Option 1)

The second paragraph of Section 1-07.23(1) is supplemented with the following:

6. Adjacent Property Access

When a property has two or more driveway approaches, the Contractor shall always provide vehicular access to at least one driveway. When a property has only one driveway approach, the Contractor shall notify the business or property owner at least two days in advance of any temporary construction closure. Access to all residences shall not be closed prior to 7:00 AM and shall be restored by 5:00 PM, each day. Access to any business shall not be closed more than two hours during any day.

If the Contractor blocks vehicular access to a property beyond the times allowed, they shall be subject to a $500 deduct from the contract payment for each and every thirty (30) minutes the vehicular access remains closed.

1-07.23(1) Construction Under Traffic

(2024 COSV GSP, Option 2)

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

Garbage Collection
The Contractor shall be responsible for the coordination of the garbage collection service with Waste Management during all lane or street closures. The Contractor's schedule shall not reduce the frequency of the existing garbage collection schedule at any time.

1-07.23 Public Convenience and Safety

1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic

(2024 COSV GSP, Option 3)

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

Public Liaison Representative
The Contractor's Public Liaison Representative shall:

1. Verify and coordinate construction/temporary traffic control is adequate with property owners. The Public Liaison Representative will inform city staff of any issues that may arise.

2. Provide advance notification to business and residential owners of any limited access and/or driveway closures.

3. Provide advance notification to business and residential owners on vehicular and pedestrian access through the construction zone to their properties.

4. Attend weekly construction meetings.

5. Provide daily restriction updates for each parcel adjacent to or within the project limits to the Engineer throughout the project duration.

6. The Public Liaison Representative shall not be the project superintendent.

7. The Public Liaison shall not distribute written correspondence to business and residents prior to obtaining Agency approval.

8. The Public Liaison shall provide a contact phone number and email address to the city no later than at the preconstruction meeting that may be distributed by the city to the public.

9. The Public Liaison shall create a flyer or other written notification and distribute to all properties impacted by construction operations at least 2 days prior to any work that will impact properties. Additional notification is required for each activity that will impact access or use of the property.

Minimum Qualifications
Public Liaison Representative shall have:

1. A minimum of 500 hours of experience involving the preparation and distribution of public information materials to residents and/or business owners. The Public Liaison Representative shall be kind, courteous and polite when dealing directly with the public.

Measurement

No specific unit of measurement will apply to the lump sum item for "Public Liaison Representative".

Payment

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

Public Liaison Representative	Lump Sum

"Public Liaison Representative", per lump sum.

The lump sum Contract price for "Public Liaison Representative", shall be full pay for furnishing all tools, labor, equipment, and materials required to provide public outreach as described above.

1-07.23(1) Construction Under Traffic

(2024 COSV GSP, Option 4)

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

Lane, shoulder, and roadway closures are subject to the following restrictions:

***

Wellesley Avenue

- A shoulder (half road) closure is allowed for the entire duration of the project, provided that:
  - A single lane is provided for both directions of traffic.
  - Local access is provided to all property owners
  - Traffic control and detour shall be set up in accordance to the Traffic Control Plan or other traffic control plans submitted to and approved by the Engineer.

- A full road closure is allowed for the entire duration of the project, provided that:
  - East of Tolford Road to Isenhart Road (Work Zone C and D)
    - Local and access is provided to all property owners.
    - Wellesley and Tolford intersection is open to traffic on a paved surface
    - Traffic Contractor is working within these limits.
    - Traffic control and detour shall be set up in accordance to the Traffic Control Plan or other traffic control plans submitted to and approved by the Engineer.
    - Portable Changeable Message Signs (PCMSs) shall be placed per the Road Closure Plans.

Wellesley Avenue and Tolford Intersection (Work Zone A & B)

- The intersection is allowed to be closed for single day durations, provided that:
  - Closure is allowed between the hours of 8:30 AM to 4:00 PM (Monday-Friday)
  - Local and access is provided to all property owners.
  - Traffic Contractor is working within these limits.

- Traffic control and detour shall be set up in accordance to the Traffic Control Plan or other traffic control plans submitted to and approved by the Engineer.
- Portable Changeable Message Signs (PCMSs) shall be placed per the Road Closure Plans.

***

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. Exceptions to these restrictions are listed below and when applicable take precedence over closures listed above. The Engineer may also consider on a case-by-case basis additional exceptions following a written request by the Contractor.

Traffic Delays

When Automated Flagger Assistance Devices (AFADs) or flaggers are used to control traffic, traffic shall not be stopped for more than *** fifteen *** minutes at any time. All traffic congestion shall be allowed to clear before traffic is delayed again.

If the delay becomes greater than *** fifteen *** minutes, the Contractor shall immediately begin to take action to cease the operations that are causing the delays. If the *** fifteen *** minute delay limit has been exceeded, as determined by the Engineer, the Contractor shall provide to the Engineer, a written proposal to revise his work operations to meet the *** fifteen *** minute limit. This proposal shall be accepted by the Engineer prior to resuming any work requiring traffic control.

There shall be no delay to medical, fire, or other emergency vehicles. The Contractor shall alert all flaggers and personnel of this requirement.

General Restrictions

Construction vehicles using a closed traffic lane shall travel only in the normal direction of traffic flow unless expressly allowed in an accepted traffic control plan. Construction vehicles shall be equipped with flashing or rotating amber lights.

No two consecutive, or intersections shall be closed at the same time and only one ramp at an interchange shall be closed, unless specifically shown in the Plans.

Roads that are designated as part of a detour shall not be closed or restricted during the implementation of that detour, unless specifically shown in the Plans. Contract shall place two orange flags above all existing speed limit signs along the designated detour route.

Controlled Access

No special access or egress shall be allowed by the Contractor other than normal legal movements or as shown in the Plans.

Contractor's vehicles of 10,000 GVW or greater shall not exit or enter a lane open to public traffic except as follows:

Egress and ingress shall only occur during the hours of allowable lane closures, and:

1. For exiting an open lane of traffic, by decelerating in a lane that is closed during the allowable hours for lane closures.

2. For entering an open lane of traffic, by accelerating in a closed lane during the allowable hours for lane closures.

Traffic control vehicles are excluded from the gross vehicle weight requirement. If placing construction signs will restrict traveled lanes, then the work will be permitted during the hours of allowable lane closures.

Advance Notification

The Contractor shall notify the Engineer in writing of any traffic impacts related to lane closure, shoulder closure, sidewalk closure, or any combination for the week by 12:00 p.m. (noon) Wednesday the week prior to the stated impacts.

The Contractor shall notify the Engineer in writing ten working days in advance of any traffic impacts related to full roadway closure.

The Contractor shall notify the Engineer in writing of any changes to the stated traffic impacts a minimum of 48 hours prior to the traffic impacts.

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)

1-08.0(1) Preconstruction Conference

(October 10, 2008 APWA GSP)

Add the following new section:

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 $$1$$ prior to the day(s) the Contractor is requesting to change the hours.

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

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

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

1-08.1 Subcontracting

1-08.1(7) Payment to Subcontractors and Lower-Tier Subcontractors

1-08.1(7)A Payment Reporting

(January 4, 2024 APWA GSP)

Revise this section to read: "Vacant".

1-08.4 Prosecution of Work

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

The Contractor shall commence onsite work no earlier than June 16, 2025, and on or before June 23, 2025, and shall notify the Engineer in writing a minimum of 10 calendar days in advance of the date on which the Contractor intends to begin work.

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(December 4, 2006)
This project shall be physically completed within ***30*** working days.

Contract time shall begin on the first working day the Contractor starts onsite work or ***June 23, 2025***, whichever occurs first.

1-08.9 Liquidated Damages

(March 3, 2021 APWA GSP, Option A)

Replace Section 1-08.9 with the following:

Time is of the essence of the Contract. Delays inconvenience the traveling public, obstruct traffic, interfere with and delay commerce, and increase risk to Highway users. Delays also cost tax payers undue sums of money, adding time needed for administration, engineering, inspection, and supervision.

Accordingly, the Contractor agrees:

1. To pay liquidated damages in the amount of *** $1,500.00 *** for each working day beyond the number of working days established for Physical Completion, and

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

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

Liquidated damages will not be assessed for any days for which an extension of time is granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire Contract.

1-09 MEASUREMENT AND PAYMENT

1-09.2(1) General Requirements for Weighing Equipment

(January 4, 2024 APWA GSP, Option B)

Revise item 4 of the fifth paragraph to read:

4. Test results and scale weight records for each day's hauling operations are provided to the Engineer daily. Reporting shall utilize WSDOT form 422-027A, 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

(December 30, 2022 APWA GSP)

Revise the first paragraph to read:

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

1-09.6 Force Account

(December 30, 2022 APWA GSP)

Supplement this section with the following:

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

1-09.7 Mobilization

(December 30, 2022 APWA GSP)

Delete this Section and replace it with the following:

Mobilization consists of preconstruction expenses and the costs of preparatory Work and operations performed by the Contractor typically occurring before 10 percent of the total original amount of an individual Bid Schedule is earned from other Contract items on that Bid Schedule. Items which are not to be included in the item of Mobilization include but are not limited to:

1. Portions of the Work covered by the specific Contract item or incidental Work which is to be included in a Contract item or items.
2. Profit, interest on borrowed money, overhead, or management costs.
3. Costs incurred for mobilizing equipment for force account Work.

Based on the lump sum Contract price for "Mobilization", partial payments will be made as follows:

1. When 5 percent of the total original Bid Schedule amount is earned from other Contract items on that original Bid Schedule, excluding amounts paid for materials on hand, 50 percent of the Bid Item for mobilization on that original Bid Schedule, 5 percent of the total of that original Bid Schedule, or 5 percent of the total original Contract amount, whichever is the least, will be paid.

2. When 10 percent of the total original Bid Schedule amount is earned from other Contract items on that original Bid Schedule, excluding amounts paid for materials on hand, 100 percent of the Bid Item for mobilization on that original Bid Schedule, 10 percent of the total of that original Bid Schedule, or 10 percent of the total original Contract amount, whichever is the least, will be paid.
3. When the Substantial Completion Date has been established for the project, payment of any remaining amount Bid for mobilization will be paid.

Nothing herein shall be construed to limit or preclude partial payments otherwise provided by the Contract.

1-09.7 Mobilization

(2024 COSV GSP)

Section 1-09.7 is supplemented with the following:

Payment will be made for each of the following bid item:

Mobilization	Lump Sum

1-09.9 Payments

(March 13, 2012 APWA GSP)

Supplement this section with the following:

Lump sum item breakdowns are not required when the bid price for the lump sum item is less than $20,000.

1-09.9 Payment

(December 30, 2022 APWA GSP)

Section 1-09.9 is revised to read:

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.

Failure to perform obligations under the Contract by the Contractor may be decreed by the Contracting Agency to be adequate reason for withholding any payments until compliance is achieved.

Upon completion of all Work and after final inspection (Section 1-05.11), the amount due the Contractor under the Contract will be paid based upon the final estimate made by the Engineer and presentation of a Final Contract Voucher Certification to be signed by the Contractor. The Contractor's signature on such voucher shall be deemed a release of all claims of the Contractor unless a Certified Claim is filed in accordance with the requirements of Section 1-09.11 and is expressly excepted from the Contractor's certification on the Final Contract Voucher Certification. The date the Contracting Agency signs the Final Contract Voucher Certification constitutes the final acceptance date (Section 1-05.12).

If the Contractor fails, refuses, or is unable to sign and return the Final Contract Voucher Certification or any other documentation required for completion and final acceptance of the Contract, the Contracting Agency reserves the right to establish a Completion Date (for the purpose of meeting the requirements of RCW 60.28) and unilaterally accept the Contract. Unilateral final acceptance will occur only after the Contractor has been provided the opportunity, by written request from the Engineer, to voluntarily submit such documents. If voluntary compliance is not achieved, formal notification of the impending establishment of a Completion Date and unilateral final acceptance will be provided by email with delivery confirmation from the Contracting Agency to the Contractor, which will provide 30 calendar days for the Contractor to submit the necessary documents. The 30 calendar day period will begin on the date the email with delivery confirmation is received by the Contractor. The date the Contracting Agency unilaterally signs the Final Contract Voucher Certification shall constitute the Completion Date and the final acceptance date (Section 1-05.12). The reservation by the Contracting Agency to unilaterally accept the Contract will apply to Contracts that are Physically Completed in

accordance with Section 1-08.5, or for Contracts that are terminated in accordance with Section 1-08.10. Unilateral final acceptance of the Contract by the Contracting Agency does not in any way relieve the Contractor of their responsibility to comply with all Federal, State, tribal, or local laws, ordinances, and regulations that affect the Work under the Contract.

Payment to the Contractor of partial estimates, final estimates, and retained percentages shall be subject to controlling laws.

1-09.11(3) Time Limitation and Jurisdiction

(December 30, 2022 APWA GSP)

Revise this section to read*:*

For the convenience of the parties to the Contract it is mutually agreed by the parties that 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.

1-09.13 Claim Resolution

1-09.13(1)A General

(December 30, 2022 APWA GSP)

Revise this section to read:

Prior to seeking claims resolution through arbitration or litigation, the Contractor shall proceed in accordance with Sections 1-04.5 and 1-09.11. The provisions of Sections 1-04.5 and 1-09.11 must be complied with in full as a condition precedent to the Contractor's right to seek claim resolution through binding arbitration or litigation.

Any claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be resolved, as prescribed herein, through binding arbitration or litigation.

The Contractor and the Contracting Agency mutually agree that those claims or causes of action which total $1,000,000 or less, which are not resolved by mediation, shall be resolved through litigation unless the parties mutually agree in writing to resolve the claim through binding arbitration.

The Contractor and the Contracting Agency mutually agree that those claims or causes of action in excess of $1,000,000, which are not resolved by mediation, 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
(January 19, 2022 APWA GSP)

Revise the third paragraph to read:

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

1-09.13(4) Venue for Litigation
(December 30, 2022 APWA GSP)

Revise this section to read:

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

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2 Traffic Control Management

1-10.2(1) General

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

> *(October 3, 2022)*
> 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
> https://www.nwlett.edu
>
> Evergreen Safety Council
> 12545 135th Ave. NE
> Kirkland, WA 98034-8709
> 1-800-521-0778
> https://www.esc.org
>
> The American Traffic Safety Services Association
> 15 Riverside Parkway, Suite 100
> Fredericksburg, Virginia 22406-1022
> Training Dept. Toll Free (877) 642-4637

Phone: (540) 368-1701
https://atssa.com/training

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

US Safety Alliance
(904) 705-5660
https://www.ussafetyalliance.com

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

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

1-10.4 Measurement

1-10.4(3) Reinstalling Unit Items With Lump Sum Traffic Control

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

(November 2, 2022)
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.

"Work Zone Safety Contingency", by force account.

***
"Portable Changeable Message Sign" will be measured by the hour for the time that each sign is operating as shown on the approved Traffic Control Plan.
***

1-10.5 Payment

1-10.5(3) Reinstating Unit Items With Lump Sum Traffic Control

Section 1-10.5(3) is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Project Temporary Traffic Control	Lump Sum
Portable Changeable Message Sign	Per Hour
Work Zone Safety Contingency	Estimate

(November 2, 2022)
"Work Zone Safety Contingency", by force account.

All costs as authorized by the Engineer will be paid for by force account as specified in Section 1-09.6.

For purpose of providing a common proposal for all bidders, the Contracting Agency has entered an amount for the item "Work Zone Safety Contingency" in the Proposal to become a part of the Contractor's total bid.

The Engineer may choose to use existing bid items for the implementation of the agreed upon enhancement.

1-11 DOCUMENTATION COMPLIANCE

(2025 COSV GSP)

Section 1-11 is a new section:

1-11 DOCUMENTATION COMPLIANCE

It is essential that the Contracting Agency receives all contract documentation at the earliest possible time. The Contracting Agency has established a pay item and amount to provide this documentation.

The payment will be calculated by the following:

1. 25 percent will be paid when the Contractor submits all material documentation shown on the Record of Materials (ROM) for all bid items.

2. 25 percent will be paid when the Contractor submits all Sub-contractor and Payroll documentation required by the Contract including Request to Sublets, City Business License, and Intents to Pay Prevailing Wage for each subcontractor and lower tier subcontractor.

3. 50 percent will be paid when the Physical Completion date has been established by the Engineer.

Deductions from the total payment will be made for the following:

1. For each material installed without allowing one full working day for review, a deduction of $125.00 per material source/manufacturer submitted by QPL and $400.00 per material submitted by RAM will be made from the payment

2. For each non-approved subcontractor that begins Contract work within the project limits and then the Contractor subsequently submits for sublet approval will be deducted at a cost of $500.00 per subcontractor.

3. Any additional material processing costs per Section 1-06.1 of the Special Provisions.

4. Any additional material testing per Section 1-06.2(1) of the Special Provisions.

5. Any deductions per Section 1-07.23(1) of the Special Provisions.

Payment will be made for the following bid item:

Documentation Compliance	Calculated

"Documentation Compliance," calculated.

END OF DIVISION

DIVISION 2
EARTHWORK

2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.2 Disposal of Usable Material and Debris

(February 7, 2018 COSV GSP)

Section 2-01.2 is supplemented with the following:

The Contractor shall dispose of all debris using Disposal Method No. 2 – Waste Site.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.3 Construction Requirements

2-02.3(2) Removal of Bridges, Box Culverts, and other Drainage Structures

(February 1, 2022 COSV GSP)

Section 2-02.3(2) is supplemented with the following:

Remove Catch Basins and Inlets

Frames and grates of inlets and catch basins to be removed shall be disposed off-site by the contractor. The catch basins and inlets shall be removed entirely. All piping connections shall be plugged per Section 7-08.3(4). The void shall be backfilled with crushed surfacing top course and compacted per Section 2-03.3(14)C, Method C.

Remove Storm Drain Pipe

The Contractor shall remove the existing storm drain pipe and dispose offsite. The resulting void shall be filled with embankment compaction, per Section 2-03.3(14)C, Method C.

Abandon Drywell

The Contractor shall vactor clean the drywell of existing sludge and debris from the drywell before beginning work. The inside of the drywell shall be filled with pea gravel, to a depth of 4 feet below finish grade. The frames and grates of drywells to be abandoned shall be disposed off-site by the contractor. All piping connections shall be plugged per Section 7-08.3(4). The concrete cones and barrels of the drywell shall be removed to a depth of 4 feet below finish grade.

2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters

(February 7, 2018 COSV GSP)

Item 1 and 2 of Section 2-02.3(3) are deleted and replaced with the following:

1. Haul broken-up pieces to a disposal site furnished by the Contractor.

2. Any removed material to be incorporated into the project must meet the materials specifications as applicable for the proposed use.

Section 2-02.3(3) is supplemented with the following:

5. Within the project boundaries, previous roadway overlays and repairs may have placed asphalt fill onto Portland cement concrete driveway approaches. For this project, the Contractor shall be required to remove this asphalt fill material where shown in the Plans or directed by the Engineer. This work shall be paid for at the same unit price as the "Remove Asphalt Concrete Pavement" bid item and no separate payment shall be made.

2-02.3(4) Removal of Abandoned Utilities

(February 7, 2018 COSV GSP)

Add the following new section:

2-02.3(4) Removal of Abandoned Utilities

The Contractor shall remove and dispose of abandoned utilities, conduit and vehicle detection loops that interferes with proposed construction found within the proposed road section or under sidewalk and curb areas. The cost for this work shall be included in the cost of the "Roadway Excavation Including Haul" bid item.

2-02.3(5) Utility Potholing and Conflicts

(March 23, 2023 COSV GSP)

Add the following new section:

2-02.3(5) Utility Potholing and Conflicts

Utility Potholing

Potholing is included as a bid item for use in determining the location of existing utilities in advance of the Contractor's operations. The Contractor shall field verify the elevation and location of existing utilities, whether shown on the plans or based on locates, where the storm, sewer and water improvements cross. The potholing shall be undertaken prior to casting manholes/catch basins and prior to any pipe installation between the furthest downstream and upstream drainage/sewer structure or 500 linear feet of water main, to give the Engineer the opportunity to make any necessary vertical and horizontal alignment changes, without affecting the Contractor's operations. The Contractor shall provide the Engineer up to 48 hours to review the information. The method of potholing, equipment and tools shall be approved by the Engineer. Potholing shall be conducted in the presence of the Engineer and the Utility owner.

The procedure shall be as follows:

1. Notify Underground Service Alert
2. Excavate by whatever means are necessary to protect the utility and public
3. Verify size and material of utility
4. Tie the horizontal location (Sta. and Offset) based on the roadway's centerline alignment.
5. Survey elevation at the top of existing utility pipe or invert elevation of storm sewer pipe, tied to project's datum.
6. Provide the pothole information on the City's "Pothole Utility Record" form and include with a sketch to the Engineer for review.
7. Backfill pothole.

Resolution of Utility Conflicts

Resolution of the utility conflicts is included as a bid item for use in resolving utility conflicts that are identified during the course of construction.

In no way shall the work described under utility potholing or resolution of utility conflict, relieve the Contractor of their responsibilities described in Section 1-07.17 of the Standard Specifications and Special Provisions and elsewhere in the Contract Documents.

2-02.4 Vacant

(February 7, 2018 COSV GSP)

Section 2-02.4 including title is deleted and replaced with the following:

2-02.4 Measurement

"Remove Cement Concrete Curb", shall be measured per linear foot along the face of existing curb, curb and gutter or pedestrian curb.

"Remove Cement Concrete Sidewalk / Driveway Approach", shall be measured per square yard along the ground for full depth of existing concrete.

"Remove Existing Catch Basin", shall be measured per each catch basin or inlet.

“Abandon Existing Drywell”, shall be per each.

"Remove Storm Drain Pipe", shall be measured per linear foot, parallel to the pipe invert.

“Pothole Utility” per each.

2-02.5 Payment

(February 1, 2022 COSV GSP)

Section 2-02.5 is deleted in its entirety and replaced with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Remove Cement Concrete Curb	Per Linear Foot
Remove Cement Concrete Sidewalk / Driveway Approach	Per Square Yard
Remove Existing Catch Basin	Per Each
Remove Storm Drain Pipe	Per Linear Foot
Abandon Existing Drywell	Per Each
Resolution of Utility Conflicts	Force Account
Pothole Utility	Per Each

Sawcutting shall be included in the cost of other Bid items.

"Remove Cement Concrete Curb", per linear foot.

The unit Contract price per linear foot for "Remove Cement Concrete Curb", per linear foot; shall be full pay for furnishing all tools, labor, equipment, and materials required to sawcut, remove, load, haul and dispose of existing curb, curb and gutter, or pedestrian curb and subgrade.

"Remove Cement Concrete Sidewalk / Driveway Approach", per square yard.

The unit Contract price per square yard for "Remove Cement Concrete Sidewalk / Driveway Approach", shall be full pay for furnishing all tools, labor, equipment, and materials required to sawcut, remove, load, haul and dispose of the existing sidewalk or driveway approach and subgrade.

"Remove Existing Catch Basin", per each.

The unit Contract price per each for "Remove Existing Catch Basin" shall be full pay for furnishing all tools, labor, equipment, and materials required to remove and dispose of the catch basin or inlet as specified. The cost of the plugging existing pipes and filling/compacting the fill in the resulting void shall be included in this bid item.

"Remove Storm Drain Pipe", per linear foot.

The unit Contract price per linear foot for "Remove Storm Drain Pipe" shall be full pay for furnishing all tools, labor, equipment, and materials required to perform the work as specified. The cost of the fill material and compaction to fill the void shall be included in this bid item.

"Abandon Existing Drywell", per each.

The unit Contract price per each for "Abandon Existing Drywell" shall be full pay for furnishing all tools, labor, equipment, and materials required to remove and dispose of the top of the drywell including vactoring out existing sediment and debris in the barrel, filling the barrel with pea gravel and plugging existing pipes.

“Resolution of Utility Conflicts”, force account as provided in Section 1-09.6.

“Pothole Utility”, per each.

The unit Contract price per each for “Pothole Utility” shall be full payment for furnishing tools, labor, equipment, and materials required to excavate, identify, survey and backfill (with excavated material) the utility line. Payment will be made for each field verified sewer, storm, water, gas, underground telecommunication, and underground electrical line crossing location shown on the Plans or directed by the Engineer. Payment will be withheld until the Contractor completes the “Pothole Utility Record” form and submits to the Engineer.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

(February 7, 2018 COSV GSP)

The last sentence of the first paragraph of Section 2-03.1 is deleted.

2-03.3 Construction Requirements

2-03.3(3) Excavation Below Subgrade
(February 7, 2018 COSV GSP)

Section 2-03.3(3) is supplemented with the following:

Material shall be considered rock when, the Engineer witnesses that the Contractor is unable to progress with a Caterpillar 235 Track-Hoe (or equal), or a D-8 Caterpillar equipped with a single tooth ripper (or equal). The cost of equipment, labor and material to operate the above equipment shall be incidental to other bid items.

2-03.3(20) Curb, Sidewalk and Driveway Approach Excavation
(February 7, 2018 COSV GSP)

Add the following new section:

2-03.3(20) Curb, Sidewalk and Driveway Approach Excavation

Excavation to subgrade below new curbing, curb and gutter, sidewalk, driveway approaches, driveways, sidewalk and pedestrian ramps shall be to the depth and width necessary to install the section shown in the contract documents. The cost for the excavation (including haul and disposal of the material) shall be included in the unit cost of the bid item requiring the excavation.

2-03.4 Measurement
(February 7, 2018 COSV GSP)

The first paragraph of Section 2-03.4 is deleted and replaced with the following

"Roadway Excavation Incl. Haul" shall be measured by the neatline cubic yard and shall not be field measured. The excavation neatline cubic yard is defined as the calculated difference between the existing surface area elevations and the required excavated plan depth below finish grade over the area of excavation. The quantity shown on the Bid Schedule for "Roadway Excavation Incl. Haul" shall be paid unless the Engineer approves Contractor supplied calculations based on the original project topographic survey showing a more accurate quantity.

2-03.5 Payment
(February 16, 2018 COSV GSP)

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Roadway Excavation Incl. Haul	Per Cubic Yard

Grading and compacting subgrade shall be included in the cost of other Bid items.

2-07 WATERING

2-07.1 Description
(February 7, 2018 COSV GSP)

Section 2-07.1 is supplemented with the following:

Water for dust control shall be applied by the Contractor to adequately control dust throughout the entire construction period to the satisfaction of the Engineer. If the Contractor, fails to water project areas when directed by the Engineer, the Engineer will water the project and deduct the invoice cost of the watering from the project pay estimate.

2-07.3 Construction Requirements

2-07.3(1) Water Supplied from Hydrants

(February 7, 2018 COSV GSP)

Add the following new section:

2-07.3(1) Water Supplied from Hydrants

The Contractor shall secure permission from and comply with all requirements of the local Water Utility before obtaining water from fire hydrants. The Engineer shall be notified by the Contractor of such permission as soon as granted.

The Contractor shall only use hydrant wrenches to open hydrants. The Contractor shall also make certain that the hydrant valve is open full, since a partially opened valve causes damage to the hydrant. A metered hydrant connection furnished by the Water Utility shall be used as an auxiliary valve on the outlet line for control purposes. Fire hydrant valves must be closed slowly to avoid a surge in the system; which creates undue pressure on water lines. The Contractor shall carefully note the importance of following these directions.

If one of the Contractor's employees damages a hydrant or pipeline resulting from improper hydrant use, he shall immediately notify the Water Utility so that the damage can be repaired as quickly as possible. The Contractor is responsible for damages resulting in hydrant misuse.

Upon completing the use of the hydrants, the Contractor shall notify the Water Utility so that the hydrants may be inspected for possible damage. Any damage resulting from the use of the hydrants by the Contractor will be repaired by the Water Utility, and the cost thereof shall, if necessary be withheld from the final payment to the Contractor.

The Contractor shall furnish all equipment and tools, except the metered hydrant connection, that may be necessary to meet the requirements of the Water Utility pertaining to hydrant use.

Violation of these requirements could render the Contractor liable for damage suits in the event of fire, because of malfunctioning or damaged fire hydrants.

2-09 STRUCTURE EXCAVATION

2-09.3 Construction Requirements

2-09.3(1) General Requirements

(February 1, 2022 COSV GSP)

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

At the end of each day's work the Contractor shall provide and install a safety fence completely around all excavations greater in depth than 24 inches below finish grade. The fence shall be a

minimum 42-inch mesh wire or plastic with temporary steel posts. Plastic fence shall be a bright orange or other color acceptable to the Engineer. Wire fence shall be liberally marked with bright orange flagging acceptable to the Engineer.

Trench Fence Penalty

Each failure occurrence by the Contractor to install a safety fence completely around an excavation shall be subject to a penalty of $1,000. The penalty amount shall be subtracted from the monies owed for work completed under this contract. The penalty will be assessed for each excavation not completely fenced; multiple penalties may be assessed in each day.

Trench Excavation Safety System

The Contractor shall provide a Trench Excavation Safety System, per Chapter 39.04 RCW, meeting the provisions of the Washington Industrial Safety and Health Act, Chapter 49.17 RCW for all trenches more than 4-feet deep.

The Engineer will not review, approve, or have any liability for the adequacy of the Contractor's Trench Excavation Safety System.

2-09.3(1)E Backfilling

(February 7, 2019 COSV GSP)

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

A submittal with the mix design is not required if the Contractor is using one of the following mixes:

Supplier	CDF	Lean Concrete
CDA Redi-Mix	020AF38C	030AF38C
Central Pre-Mix Concrete Co.	35041030	30300830
Interstate Concrete & Asphalt	35041030	30300830

These mixes will be accepted based on a Certificate of Compliance provided at the jobsite by the supplier per 6-02.3(5)B.

The lean concrete mix shall have 3-sacks of concrete per cubic yard of mix and the maximum aggregate size shall be 3/8-inch. A non-chloride accelerant may be added to decrease set time.

2-09.3(3) Construction Requirements, Structure Excavation, Class A

2-09.3(3)B Excavation Using Open Pits-Extra Excavation

(*February 8, 2021 COSV GSP)*

The eighth paragraph of Section 2-09.3(3)B is revised to read:

Excavations using open pits may require design and submittals. The Contractor shall provide a safe work environment and shall execute the work in a manner that does not damage adjacent pavements, utilities, or structures. If the Engineer determines the Contractor's work may potentially affect adjacent traffic, pavements, utilities, or structures, the Engineer may request a

Type 1, 2 or 2E Working Drawing from the Contractor at no additional cost to the Contracting Agency. The Contractor shall explain in the Working Drawing how the Engineer's concerns will be addressed, why infrastructure will not be damaged by the work, and how worker safety will be preserved.

The first sentence of the ninth paragraph of Section 2-09.3(3)B is revised to read:

For excavations that have soil types and slope geometries defined in WAC 296-155 part N and are between 4-feet and 20-feet in height, the contractor shall submit type 2 Working Drawings if requested by the Engineer.

2-09.4 Measurement

(February 1, 2022 COSV GSP)

Section 2-09.4 is deleted and replaced with the following:

For all pipes, pipe arches, structural plate pipes, underpasses, there will be no specific measurement for structural excavation or shoring.

For all manholes, catch basins, grate inlets, and drop inlets there will be no specific measurement for structural excavation or shoring.

For drywells there will be no specific measurement for structural excavation or shoring.

"Trench Fence Safety Compliance", will be calculated and payment deducted for as described in Section 2-09.3(1).

There will be no specific unit of measurement for lump sum item "Trench Excavation Safety System."

2-09.5 Payment

(February 1, 2022 COSV GSP)

Section 2-09.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items when included in the proposal:

Trench Fence Safety Compliance	Calculation
Trench Excavation Safety System	Lump Sum

"Trench Fence Safety Compliance", by calculation.

'Trench Excavation Safety System", per lump sum.

The lump sum Contract price for "Trench Excavation Safety System" shall be full pay for furnishing all tools, labor, equipment, and materials required for all work to furnish and install a safety system meeting all applicable state and federal requirements for all storm drain and water system associated work. Payment for the "Trench Excavation Safety System" shall not be construed as acceptance or approval of the Contractor's Trench Excavation Safety System.

END OF DIVISION

DIVISION 4
BASES

4-04 BALLAST AND CRUSHED SURFACING

4-04.2 Materials

(May 21, 2019 COSV GSP)

Section 4-04.2 is supplemented with the following:

Recycled Concrete Aggregate shall not be used for surfacing material that will ultimately be left exposed to the elements once the project is complete. (gravel driveways, gravel shoulders, etc.). Recycled Concrete Aggregate shall not be used for base course or top course under structures (i.e. retaining walls, foundations, etc.)

4-04.3 Construction Requirements

4-04.3(5) Shaping and Compaction

(February 1, 2022 COSV GSP)

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

Crushed surfacing placed under areas subject to vehicular traffic (roadway surfaces, parking areas, driveway approaches and curb and gutter) shall be compacted to at least 95 percent of the standard density determined by the requirements of Section 2-03.3(14)D.

Crushed surfacing placed under structures such as catch basins, inlets, curb inlets, pull boxes, junction boxes and inlets shall be compacted to at least 95 percent of the standard density determined by the requirements of Section 2-03.3(14)D.

Crushed surfacing placed under areas subject to pedestrian traffic only sidewalks, pedestrian walking paths shall be compacted to at least 95 percent of the standard density determined by the requirements of Section 2-03.3(14)D.

The Contracting Agency will take only one test on a recycled concrete aggregate source to determine a proctor. Any additional proctors needed to determine field densities, due to the inconsistency of the recycled concrete aggregate, will be at the Contractor's expense. The number of proctors required will be at the contracting agency's discretion based on inspection of the material.

4-04.4 Measurement

(February 7, 2018 COSV GSP)

Section 4-04.4 is supplemented with the following:

The following crushed surfacing materials will be measured and paid for:

Material	Depth	Location
CSTC	3 Inch	Gravel Patchback Behind Sidewalks
CSTC	8 Inch	Under HMA in Roadway

-All costs for crushed surfacing material used at other locations not listed in the above table shall be included in payment for other items of Work in the Contract.

"Crushed Surfacing Top Course, __ In. Depth", shall be measured by plan view square yard of compacted material in place.

4-04.5 Payment

(February 7, 2018 COSV GSP)

Section 4-04.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items when included in the proposal:

Crushed Surfacing Top Course, 3 In. Depth	Per Square Yard
Crushed Surfacing Top Course, 8 In. Depth	Per Square Yard

"Crushed Surfacing Top Course, ___ In. Depth", per square yard.

The unit Contract price per square yard for "Crushed Surfacing Top Course, ___ In. Depth", shall be full pay for furnishing all tools, labor, equipment, and materials required to furnish, load, haul, place and compact crushed surfacing top course to the bid item depth in those areas shown on the plans or where directed by the Engineer.

END OF DIVISION

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

5-04 HOT MIX ASPHALT

5-04.2 Materials

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

5-04.2(1)A Mix Designs Containing RAP and/or RAS

(February 8, 2021)

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

Mix designs using RAP must meet the classification of Low RAP per Table 2. "High RAP/Any RAS" mix designs will not be accepted.

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

Section 5-04.2(2) is deleted and replaced with the following:

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

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 & signature) 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 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. (For commercial mixes, AASHTO T 324 evaluation is not required)

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.

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

5-04.3 Construction Requirements

5-04.3(3) Equipment

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

Section 5-04.3(3)D is deleted in its entirety.

5-04.3(4) Preparation of Existing Paved Surfaces

(February 1, 2022 COSV GSP)

The first sentence of the second paragraph of Section 5-04.3(4) is replaced with the following:

Apply a uniform coat of asphalt (tack coat) to all paved surfaces on which any course of HMA is to be placed or abutted, including each lift on projects with multiple lifts of HMA.

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

Contractor is responsible for replacing any paint or plastic pavement markings covered by tack that is tracked out beyond the paving limits by hauling or other equipment during the any paving operation.

5-04.3(7) Spreading and Finishing

(December 31, 2019 COSV GSP)

Section 5-04.3(7) is supplemented with the following:

The contractor shall bid and construct each project with enough equipment so that, on a roadway with two or more lanes, only one cold longitudinal joint, placed at centerline, shall be constructed in any roadway. A cold longitudinal joint is defined as a longitudinal joint that has been left exposed for more than four hours or the surface temperature of the asphalt has cooled to less than 175 degrees, whichever occurs first.

The mixture shall be laid upon 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.

The temperature of the mixture at point of transfer into the paver shall not be lower than the recommended compaction temperature as stated on the mix-design, unless otherwise directed by the Engineer in writing.

The minimum compacted depth of any layer in any course is to be as shown in Table 6A, unless approved by the engineer:

Table 6A
Minimum Nominal Compacted Depth of Any Layer

HMA Class	Minimum Lift Thickness (ft)
⅜"	0.08
½"	0.12
¾"	0.20
1"	0.25

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

The second paragraph of Section 5-04.3(8) is deleted.

5-04.3(9) HMA Mixture Acceptance

(February 1, 2023 COSV GSP)

Table 7 in Section 5-04.3(9) is revised with the following:

Table 7

Basis of Acceptance for HMA Mixture		
	Visual Evaluation	**Statistical Evaluation**
Criteria for Selecting the Evaluation Method	• Commercial HMA placed at any location • Any HMA placed in: o driveways o ditches o prelevel o pavement patches o paths o trails o temporary pavement[1] • Other nonstructural applications of HMA as approved by the Engineer	All HMA mixture other than that accepted by Visual Evaluation

[1]Temporary pavement is HMA that will be removed before Physical Completion of the Contract.

5-04.3(9)A Mixture Acceptance – Test Section

Section 5-04.3(9)A , including its subsections are deleted in its entirety.

5-04.3(9)B Mixture Statistical Evaluation

5-04.3(9)B2 Mixture Statistical Evaluation-Sampling

The second sentence of the second paragraph of Section 5-04.3(9)B2 is deleted.

5-04.3(9)B3 Mixture Statistical Evaluation-Acceptance Testing

Section 5-04.3(9)B3 is supplemented with the following:

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

5-04.3(9)B5 Mixture Statistical Evaluation – Composite Pay Factors (CPF)

The last sentence of section 5-04.3(9)B5 is revised to read:

The maximum CPF for HMA mixture shall be 1.0.

Table 12 of Section 5-04.3(9)B5 is revised to read:

Table 12 HMA Mixture Price Adjustment Factors

Constituent	Factor "f"
All aggregate passing 1 ½", 1", ¾", 3/8" and No. 4 sieves	2
All aggregate passing No. 8 sieve	15
All aggregate passing No. 200 sieve	20
Asphalt binder	40
Voids in Mineral Aggregate	2
Air Voids (Va) (where applicable)	20

5-04.3(9)B6 Mixture Statistical Evaluation – Price Adjustments

Section 5-04.3(9)B6 is replaced by the following:

For each HMA mixture lot, a Job Mix Compliance Price Adjustment will be determined and applied, as follows:

$$JMCPA = [0.60 \times (CPF - 1.00)] \times Q \times UP$$

Where
JMCPA = Job Mix Compliance Price Adjustment for a given lot of mixture ($)
CPF = Composite Pay Factor for a given lot of mixture (maximum is 1.00)
Q = Quantity in a given lot of mixture (tons or S.Y.)
UP = Unit price of the HMA in a given lot of mixture ($/ton or S.Y.)

5-04.3(9)B7 Mixture Statistical Evaluation – Retests

Section 5-04.3(9)B7 is replaced with the following:

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, VMA 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)E Mixture Acceptance – Notification of Acceptance Test Results

(December 31, 2019 COSV GSP)

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

The results of all acceptance testing performed in the field and the Composite Pay Factor (CPF) of the lot after three sublots have been tested will be available to the Contractor upon request to the Engineer.

The Contractor agrees:

1. Quality control, defined as the system used by the Contractor to monitor, assess, and adjust its production processes to ensure that the final HMA mixture will meet the specified level of quality, is the sole responsibility of the Contractor.

2. The Contractor has no right to rely on any testing performed by the Contracting Agency, nor does the Contractor have any right to rely on timely notification by the Contracting Agency of the Contracting Agency's test results (or statistical analysis thereof), for any part of quality control and/or for making changes or correction to any aspect of the HMA mixture.

3. The Contractor shall make no claim for untimely notification by the Contracting Agency of the Contracting Agency's test results or statistical analysis.

5-04.3(10) HMA Compaction Acceptance

5-04.3(10)B HMA Compaction – Cyclic Density

(December 31, 2019COSV GSP)

The first sentence of section 5-04.3(10)B is revised to read:

Low cyclic density areas are defined as spots or streaks in the pavement that are less than **91.0-percent** of the theoretical maximum density.

The third sentence of Section 5-04.3(10)B is revised to read:

A $500 price adjustment will be assessed for any 500-foot section with two or more density readings below 91 percent of the theoretical maximum density.

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

5-04.3(10)C2 HMA Compaction Statistical Evaluation – Acceptance Testing

(February 1, 2023 COSV GSP)

Section 5-04.3(10)C2 is replaced with the following:

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)C3 HMA Statistical Compaction – Price Adjustments

(February 1, 2023 COSV GSP)

The Table in Section 5-04.3(10)C3 is replaced with the following:

Value of CPF	Equation for Calculating CPA
When CPF > 1.00	CPA = $0
When CPF = 1.00	CPA = $0
When CPF < 1.00	CPA = [0.60 x (CPF – 1.00)] x Q x UP

Where

CPA = Compaction Price Adjustment for the compaction lot ($)
CPF = Composite Pay Factor for the compaction lot (maximum is 1.0)
Q = Quantity in the compaction lot (tons or S.Y.)
UP = Unit price of the HMA in the compaction lot ($/ton or $/S.Y.)

5-04.3(12) Joints

5-04.3(12)A HMA Joints

(February 1, 2022 COSV GSP)

Section 5-04.3(12)A is supplemented with the following:

The Contractor shall install tack to all joints longitudinal, transverse and pavement patches on all HMA lifts that are not hot lapped.

Equipment used for performing the tack application shall always be maintained in satisfactory working condition. Prior to the application of tack the face of the joint shall be thoroughly dry and free from any loose material, dust, or other debris that would inhibit adhesion. Joint tack shall be applied concurrent with the final HMA placement and application shall be limited to the surfaces that will be paved during the same working shift.

A heavy application of tack coat (0.16 gallons per square yard) shall be applied to all vertical faces of the joints, including the entire step wedge and any abutting vertical concrete curb surface. The contractor shall re-tack the joint once after pavement compaction is complete per Section 5-04.3(12)A3.

5-04.3(12)A1 Transverse Joints

(December 31, 2019 COSV GSP)

The first sentence of the second paragraph of Section 5-04.3(12)A is revised to read:

Construct a temporary wedge of HMA on a 12:1 for drop offs less than 3 inches and 30:1 for drop offs great than or equal to 3 inches where a transverse joint as a result of paving or planing is open to traffic.

5-04.3(12)A2 Longitudinal Joints

(February 1, 2022 COSV GSP)

Section 5-04.3(12)A2 is supplemented with the following:

Longitudinal step wedge joint

A continuous longitudinal step wedge joint shall be constructed along the longitudinal joint at centerline or as shown on the Plans. The HMA step joint shall consist of a vertical step not less than ¾-inch or more than one-half the compacted lift thickness. The remaining depth below the vertical step shall be tapered at a slope not steeper than 4:1. The sloped portion of the HMA step wedge joint shall be uniformly compacted with a plate wacker or other device approved by the Engineer. Tack shall be applied on the vertical face of the joint prior to placing the adjoining HMA.

A longitudinal step wedge may be omitted with a hot joint where adjacent paving passes are paved concurrently, and the surface temperature of the asphalt of the first paving pass is still over 175 degrees. The longitudinal step wedge joint need not be constructed within cul-de-sacs or on residential streets with a centerline length less than 300 feet.

5-04.3(12)A3 Joint Adhesive

(February 1, 2022 COSV GSP)

Section 5-04.3(12)A3 is a new section:

5-04.3(12)A3 Joint Adhesive

The contractor shall re-tack asphalt to asphalt joints after pavement compaction is complete. A clean sand shall be applied to blot the tack while patching to assure that the tack coat does not track off site. It should be evident that the joint is sealed to the Engineer. If the joint opens up, the contractor shall seal the joint with an approved crack sealant.

The Tack Coat shall be an un-diluted CSS-1 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(13) Surface Smoothness

(February 1, 2023 COSV GSP)

Item 1 under the second paragraph of Section 5-04.3(13) is deleted and replaced with the following:

1. Not Used

Section 5-04.3(13) is supplemented with the following:

Any paved areas that do not shed water, as a result creating a ponding issue; shall be counted as an excessive defect. At the request of the Engineer, any or all paved areas shall be flooded by the contractor to evaluate for ponding. The cost associated with testing for ponding shall be incidental to bid item for HMA.

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

All new and existing frames; grates and lids for sewer manholes, storm water manholes and catch basins; water valve boxes; gas valve boxes; communication and power vaults; monument cases; pull boxes; junction boxes and all other utility appurtenances in the roadway shall be adjusted after the final HMA lift.

The center location of each utility appurtenance and all monuments shall be referenced by survey prior to the start of paving operations and a temporary covering shall be placed over the appurtenances to facilitate the continuous paving operation. The Contractor shall place compacted cold mix or HMA over lowered utilities where the travelled way is open to traffic prior to the final paving. The location of each water valve shall be marked on the surface of the new pavement within 24 hours of the placement of the pavement. After paving has been completed, the Contractor shall install and adjust utility castings/covers on all new and existing public/private utility structures and monuments within 5 working days of placing the final HMA wearing lift.

The HMA pavement shall be cut and removed to a neat circle, as shown in the contract plans. The asphalt shall be cut using a hole saw or coring machine. **The location of the HMA removal shall be based upon the survey reference location established by the contractor**. The utility appurtenance shall be adjusted to the finished grade utilizing the same methods of construction specified for new construction in Section 7-05 of the Standard Specifications. The utility appurtenance's rim elevation shall be set 1/8 inch to 3/8 inches below the top of the final HMA surface. The HMA removal area shall be backfilled with lean concrete to an elevation of 3 inches below the final HMA surface.

The day following placement of the lean concrete, the edge of asphalt, outer edge of the casting, and top of the lean concrete shall be coated with a heavy application of tack coat. HMA shall be placed and compacted around the utility appurtenance and over the lean concrete with hand tampers and a patching roller. The complete HMA patch shall match the final HMA surface for texture, density, and uniformity of grade. The joint between the patch and the final HMA surface shall be retacked and covered immediately with dry paving sand.

Any erroneous core that creates inadvertent joint(s) in the final HMA surface due to the Contractor improper referencing of the utility appurtenance shall be subject to a $2,500.00 penalty per occurrence. The penalty will be deducted from the Contractor's payment. Any erroneous cores or other pavement repairs completed after paving of the final HMA surface shall be compliant with the Inland Northwest Regional Pavement Cut Policy.

The Contractor may not use pre-manufactured frame inserts.

5-04.4 Measurement

(December 31, 2019 COSV GSP)

Section 5-04.4 is supplemented with the following:

HMA CL. __ In. PG ___, ___ In. Depth will be measured by the square yard per typical section/details shown on the plans.

If the Contractor elects to remove and replace HMA as allowed by Section 5-04.3(11), the material removed will not be measured.

5-04.5 Payment

(February 1, 2022 COSV GSP)

Section 5-04.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

HMA CL. 3/8 In. PG 64-H-28, 4 In. Depth	Per Square Yard
HMA CL. 3/8 In. PG 64-H-28, 6 In. Depth	Per Square Yard
Job Mix Compliance Price Adjustment	Calculated
Compaction Price Adjustment	Calculated
HMA Surface Smoothness Compliance	Calculated

All costs for asphalt tack coat and sand on pavement joints shall be in the cost of other Bid Items

"HMA CL. __ In. PG ___, __Inch Depth", per square yard.

The unit Contract price square yard for "HMA CL. __ In. PG ___, __ In. Depth." shall be full pay for furnishing all tools, labor, equipment, and materials required in accordance with the requirements of Section 5-04.

When HMA is paid by the square yard for a given depth, a Thickness Deficiency Payment Deduction shall be subtracted from the HMA bid item unit price if the average depth of the HMA pavement placed is less than that shown on the Plan Section. When the total tonnage placed for each HMA bid item, per day of paving operation, does not calculate and average to the required Contract plan depth and its depth discrepancy is greater than 1/8 inch, the following table will be used to determine the Thickness Deficiency Payment Deduction to the HMA bid item unit price for the total HMA placed for that day. The daily average HMA depth will be measured by the total HMA tonnage (collected from truck tickets) divided by the asphalt's daily average in place density tests (or from the HMA mix design) and then divided by the total area paved (field measured) for each HMA bid item.

Average Thickness Deficiency (Inch)	**Thickness Deficiency Payment Deduction (% Unit Price Per Square Yard)**
0 to 1/8"	0
Greater Than 1/8" to 1/4"	15
Greater Than 1/4" to 3/8"	25
Greater Than 3/8" to 1/2"	50
Greater Than 1/2"	100*

* The HMA for this lot will be rejected by the Engineer.

"HMA Surface Smoothness Compliance", by calculation.

"HMA Surface Smoothness Compliance", will be calculated and payment deducted for as described in Section 5-04.3(13)

5-05.3(16) Protection of Pavement

(February 7, 2018 COSV GSP)

The second paragraph of Section 5-05.3(16) is supplemented with the following:

When concrete is being placed adjacent to an existing pavement or sidewalk, that part of the equipment which is supported on the existing pavement or sidewalk shall be equipped with protective pads on crawler tracks or rubber-tired wheels on which the bearing surface is offset to run a sufficient distance from the edge of the pavement or sidewalk to avoid breaking the pavement or sidewalk edge.

Paving operations adjacent to and abutting the concrete pavement shall not be scheduled until the average of cylinder strength tests exceed 3,000 psi.

END OF DIVISION

DIVISION 6
STRUCTURES

6-02 CONCRETE STRUCTURES

6-02.3 Construction Requirements

6-02.3(2) Proportioning Materials

6-02.3(2)B Commercial Concrete

(March 14, 2018 COSV GSP)

Section 6-02.3(2)B is supplemented with the following:

Commercial concrete used for curb, curb and gutter, curb ramps, sidewalks, driveway approaches and median islands shall have a minimum compressive strength at 28 days of 4,000 psi in accordance with AASHTO T22.

The last sentence of the second paragraph of Section 6-02.3(2)B is revised to read:

Commercial concrete used for curb, curb and gutter, curb ramps, sidewalks, driveway approaches and median islands, it shall have a minimum cementitious material content of 564 pounds per cubic yard of concrete, shall be air entrained, and the tolerances of Section 6-02.3(5)C shall apply.

6-02.3(4) Ready Mix Concrete

Section 6-02.3(4) is replaced with the following:

All concrete shall be batched in a pre-qualified manual, semi-automatic, or automatic plant as described in Section 6-02.3(4)A. The Engineer is not responsible for any delays to the Contractor due to problems in getting the plant certified.

6-02.3(5) Acceptance of Concrete

6-02.3(5)B Certification of Compliance

(February 7, 2019 COSV GSP)

Delete the last sentence and replace with the following:

The Certificate of Compliance for commercial concrete, 4,000P concrete, Cl 4,000 Commercial concrete, Controlled Density Fill, and lean concrete, shall include, as a minimum, the following information:

Type of Concrete
Admixtures added at the plant
Batching facility
Date and time of batching
Mix Number
Truck No.

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

7-04 STORM SEWERS

7-04.2 Materials

(February 1, 2022 COSV GSP)

Section 7-04.2 is supplemented with the following:

Ductile Iron Pipe shall meet the requirements of Section 9-30.1(1).

7-04.4 Measurement

(February 7, 2018 COSV GSP)

Section 7-04.4 is supplemented with the following:

"Solid Wall PVC Storm Sewer Pipe __ In. Diam.", shall be measured per linear foot installed, along the invert.

7-04.5 Payment

(February 7, 2018 COSV GSP)

Section 7-04.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Solid Wall PVC Storm Sewer Pipe 10 In. Diam.	Per Linear Foot
Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	Per Linear Foot

"Solid Wall PVC Storm Sewer Pipe __ In. Diam.", per linear foot.

The second to last paragraph of Section 7-04.5 is deleted and replaced with the following:

The unit Contract price per linear foot for storm sewer pipe of the kind and size specified shall be full pay for all tools, labor, equipment, and materials to furnish and install the storm sewer pipe, including; structure excavation Class B; disposing of excavated material; shoring; bedding; backfilling; adjustment of inverts to drainage structures; flushing/cleaning construction debris from the pipe and for testing the storm sewer pipe, in those areas shown on the plans or where directed by the Engineer in accordance with the requirements of Section 7-04.3(1).

7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.2 Materials

(December 31, 2019 COSV GSP)

Section 7-05.2 is supplemented with the following:

Manhole Steps and Entry Couplings

Manhole steps are required for all manholes except Type III manholes. Manhole steps shall be reinforced copolymer polypropylene plastic as manufactured by Lane International Corporation or an alternate acceptable to the Engineer. Manhole steps shall have integral restraints to prevent side slippage of feet.

Entry couplings shall be Kor-N-Seal or a PVC manhole adapter as manufactured by GPK Products, Inc. or a Dura-Seal III gasket as manufactured by Dura-Tech, Inc., or acceptable alternate. Gasket material shall comply with the provision of ASTM D-2000 3 BA715. Kor-N-Seal shall be installed at the manhole manufacturer's plant. Field installation will not be permitted.

Locking Manhole Lids
All manholes not located within paved public roads shall have locking manhole covers conforming to Spokane County Standard Plan U-14.

Manhole Cone Section
All manholes shall be constructed with gasketed eccentric cone sections, unless otherwise specified by the Engineer.

Lids Within a Pedestrian Path
All lids located within a pedestrian path or access route shall either be manufactured or have a coating applied in accordance with manufacturer's recommendations to meet the stable, firm, and slip-resistant requirements of the Americans with Disabilities Act.

7-05.3 Construction Requirements

Section 7-05.3 is supplemented with the following:

All openings between the structure and the pipe shall be watertight and filled with mortar/grout that has a minimum compressive strength of 4,000 psi at 7 days.

The Contractor shall prevent gravel, rocks or other construction debris from entering catch basins, drywells, inlets and manholes. All gravel, rocks or other construction debris shall be removed for all the new and existing structures at no cost to the Agency. The structures shall be cleaned following the requirements of Section 7-07 of the Standard Specifications.

For all active storm and sewer systems, the Contractor shall remove any construction debris from the structure within 24 hours of notification by the Agency. The Contractor shall jet the associated storm drain or sewer pipe of the construction debris filled structure to the next downstream structure, at no cost to the Agency. The Contractor shall utilize a vacuum truck at the next downstream structure while cleaning to prevent any debris from flowing beyond the project limits.

7-05.3(1) Adjusting Manholes, Drywells and Catch Basins to Grade

(February 13, 2023 COSV GSP)

Section 7-05.3(1) is supplemented with the following:

Frames and grates of manholes and catch basins that will be replaced shall be disposed offsite by the Contractor.

When adjusting existing sewer manhole to new grades the maximum vertical distance between the top of the structure and the bottom of grate shall be 13 inches max and 2 inches minimum. If this vertical distance is exceeded, the Contractor shall remove the existing cone or lid, furnish and install a barrel section, and reset the lid or cone before furnishing and installing all necessary concrete collars or rings.

The manhole, drywell and catch basin rim elevations shown on the Plans are estimates only. The Contractor shall set the rim elevations in accordance with Section 5-04.3(13).

All rim and grate adjustments of greater than 1 inch shall be done with concrete adjustment rings. Concrete bricks are not allowed. Adjustment rings and castings shall receive a min. ¼" bed of watertight, non-shrink mortar/grout between them. The adjustment section shall then receive coating of watertight, non-shrink mortar/grout on the outside, with the mortar/grout struck off on the inside with a concave or "V" joint between the rings and casting.

7-05.3(2) Abandon Existing Manholes

(February 7, 2018 COSV GSP)

Section 7-05.3(2) including title is deleted and replaced with the following:

7-05.3(2) Abandon Existing Manholes, Drywells and Catch Basins

Where shown on the plans or directed by the Engineer, existing manholes, drywells, inlets and catch basins shall be abandoned or removed in accordance with Section 2-02.

7-05.3(5) Pre-Cast Concrete Drywells

(February 7, 2018 COSV GSP)

Add the following new section:

7-05.3(5) Pre-Cast Concrete Drywells

This provision covers the work required for removal and installation of precast concrete drywells, connecting to existing drywells and restoration of drywells partially exposed for trench excavation.

Prior to connecting to an existing drywell the Contractor shall clean the existing drywell of debris, soil, and water by vactoring.

Precast concrete drywells shall be constructed or replaced per the standard details as shown on the plans and as directed by the Engineer. Alternate drywells equal and similar to those shown on the plans may be furnished subject to the approval of the Engineer, in writing.

All cement concrete for the precast sections shall be Class "4000" meeting the requirements of Section 6-02 of the Standard Specifications. All components of the dry well shall be subject to the inspection and approval of the Engineer. The Contractor at his expense shall replace any defective component.

The cast-in-place concrete cap shall be poured to the diameter of the excavation.

Concrete caps disturbed when connecting to existing drywells or drywells partially exposed for trench excavation may be replaced with controlled density fill (CDF). The CDF shall be placed on fabric liner to protect the surrounding gravel backfill.

The Contractor shall replace the fabric liner, special backfill, and concrete cap as directed by the Engineer for drywells partially exposed for trench excavation.

7-05.4 Measurement

(February 7, 2018 COSV GSP)

Section 7-05.4 is supplemented with the following:

"Remove and Replace Metal Casting", will be measured per each.

“Connection to Existing Catch Basin,” will be measured per each.

“Concrete Inlet”, will be measured per each.

“Catch Basin Type 1”, will be measured per each.

“Catch Basin Type 2”, will be measured per each.

"Precast Concrete Drywell Type B", will be measured per each.

"Adjust Existing Manhole", will be measured per each.

"Adjust Existing Catch Basin or Drywell", will be measured per each.

"Adjust Existing Manhole", will be measured per each.

7-05.5 Payment

(February 7, 2018 COSV GSP)

Section 7-05.5 is supplemented with the following:

The cost of "Structure Excavation Class B, including haul" required for installation of any manhole, inlet, catch basin or drywell structure shall be included in the unit bid price for each structure.

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Remove and Replace Metal Casting	Per Each
Connection to Existing Catch Basin	Per Each
Concrete Inlet	Per Each
Catch Basin Type 1	Per Each
Catch Basin Type 2	Per Each
Precast Concrete Drywell Type B	Per Each
Grate Inlet Type 2	Per Each
Adjust Existing Catch Basin or Drywell	Per Each
Adjust Existing Manhole	Per Each

"Remove and Replace Metal Casting", per each.

The unit Contract price per each for "Remove and Replace Metal Casting" shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to remove and dispose of the existing metal frame, existing metal grate or solid lid, concrete adjustment rings, and remaining grout from the top of the existing drainage structure; provide and install concrete adjustment rings, new metal frame including hood (if applicable), new grate or solid cover to the top of the existing structure according to the Contract Plans; grouting; final utility adjustment per section 5-04.3(13); cleaning/removing construction debris from the existing drainage structure; and other related items.

"Connection to Existing Catch Basin", per each.

The unit Contract price per each for " Connection to Existing Catch Basin" shall be full pay for furnishing all tools, labor, equipment, and materials required for or incidental to connecting a new pipe to an existing drainage structure at the location and elevation as shown in the Contract Plans including : structure excavation class B including haul, coring or sawcutting a new entrance into the drainage structure, grouting the new storm drain pipe into place, furnishing and installation of sand collar and removing construction debris after construction is complete.

"Concrete Inlet", per each.

The unit Contract price per each for "Concrete Inlet" shall be full pay for all tools, labor, equipment, and materials to furnish and install a concrete inlet conforming to Spokane Valley Standard Plan S-113, including structure excavation Class B; disposing of excavated material; shoring; CSTC bedding; backfill; pipe connections; grouting; concrete adjustment rings; metal frame with grate or solid cover; final utility adjustment per section 5-04.3(13); cleaning/ removing construction debris from the structure and other related items.

"Catch Basin Type 1", per each.

The unit Contract price per each for "Catch Basin Type 1" shall be full pay for all tools, labor, equipment, and materials to furnish and install a catch basin conforming to Spokane Valley Std Plan S-112, including structure excavation Class B; disposing of excavated material; shoring; CSTC bedding; backfill; pipe connections; grouting; concrete adjustment rings; metal frame with grate or solid cover; final utility adjustment per section 5-04.3(13); cleaning/ removing construction debris from the structure and other related items.

"Catch Basin Type 2", per each.

The unit Contract price per each for "Catch Basin Type 2" shall be full pay for all tools, labor, equipment, and materials to furnish and install a catch basin conforming to Spokane Valley Std Plan S-119, including structure excavation Class B; disposing of excavated material; shoring; CSTC bedding; backfill; pipe connections; grouting; concrete adjustment rings; metal frame with grate or solid cover; final utility adjustment per section 5-04.3(13); cleaning/ removing construction debris from the structure and other related items.

"Precast Concrete Drywell Type B," per each.

The unit Contract price per each for "Precast Concrete Drywell, Type B," shall be full pay for all tools, labor, equipment, and materials to furnish and install a drywell structure conforming to a

Type B drywell per Spokane Valley Std Plan S-102, including structure excavation Class B; disposing of excavated material; shoring; CSTC bedding; geotextile; gravel backfill for drywell; pipe connections; grouting; concrete adjustment rings; metal frame with grate or solid cover; final utility adjustment per section 5-04.3(13); cleaning/ removing construction debris from the structure, and other related items.

"Adjust Existing Catch Basin or Drywell", per each.

The unit Contract price per each for "Adjust Existing Catch basin or Drywell" shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to adjust the existing structures to grade, including, but not limited to: structure excavation Class B including haul, interim adjustments up or down as may be required, excavation, backfilling, compaction, protection of the structures, provisions for continued street drainage, pavement patching, surfacing, restoration of adjacent areas in accordance with the specifications and plans, and removing construction debris after construction is complete. Payment for locating, uncovering, shielding, cleaning and jetting sewer manholes, storm water catch basins, and drywells is included under the "Adjust Existing Catch Basin or Drywell" pay item price.

"Adjust Existing Manhole," per each.

The unit Contract price per each for "Adjust Existing Manhole" shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to adjust the existing structures to grade, including, but not limited to: structure excavation Class B including haul, interim adjustments up or down as may be required, excavation, backfilling, compaction, protection of the structures, provisions for continued street drainage, pavement patching, surfacing, restoration of adjacent areas in accordance with the specifications and plans, and removing construction debris after construction is complete. Payment for locating, uncovering, shielding, cleaning and jetting sewer manholes, is included under the "Adjust Existing Manhole" pay item price.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.3 Construction Requirements

7-08.3(1) Excavation and Preparation of Trench

7-08.3(1)A Trenches

(February 7, 2018 COSV GSP)

Section 7-08.3(1)A is supplemented with the following:

Stockpiles

Material stockpiles including trench excavation shall not block emergency entrance to side streets. Material stockpiles shall not remain more than 24 hours, excluding weekends and holidays, in any location.

Soil Information

Soils logs are included in Appendices for information only. If a geotechnical report is not provided in the appendices, .the Contractor shall make its own interpretation and conclusions on geotechnical conditions, as per Section 1-02.4.

7-08.3(1)C Bedding the Pipe

(February 7, 2018 COSV GSP)

The third and fourth sentences in the second paragraph and the third paragraph of Section 7-08.3(1)C are deleted and replaced with the following:

The Contractor shall compact the bedding with a "J" bar or similar device as accepted by the Engineer. A maximum of 6-inches of bedding material shall be placed before use of the "J" bar.

Bedding material shall be placed a minimum of 12-inches horizontally to each side of the pipe to facilitate compaction of the bedding material. Bedding material shall be placed to a minimum depth of 12-inches above the pipe prior to backfilling.

PVC Storm Water Pipe and Ductile Iron Storm Water Pipe Bedding

The Contractor shall furnish and install bedding material meeting the requirements of one of the following materials:

1. Crushed Surfacing Top Course, Section 9-03.9(3), or

2. A clean sand/gravel mixture free from organic matter and conforming to the following gradation:

Sieve Size	Percent Passing
¾" square	100
U.S. No. 4	50-100
U.S. No. 200	0-15

No alternative material will be used.

7-08.3(3) Backfilling

(February 7, 2018 COSV GSP)

Section 7-08.3(3) is supplemented with the following:

The Contractor shall provide, place and consolidate imported backfill to compensate for lost volume of native material due to compaction to specified density and/or removal of unsuitable material, where authorized by the Engineer. The Engineer shall be notified 24 hours prior to placing imported backfill.

Imported backfill shall be excess excavated trench material from other areas of the project or material imported from an outside source. Imported backfill shall be uniformly graded, free of topsoil, organic matter, and frozen soil. Maximum size shall be 4-inch diameter and not more than 15% by weight shall pass the number 200 sieve.

The lift thickness shall be based on the Contractor's ability to maintain the proper compaction throughout the entire depth of the lift as verified by compaction test results. The maximum lift thickness shall be 18-inches unless approved by the Engineer.

When requested by the Engineer, the Contractor shall excavate, including backfill and re-compaction, to the depth requested by the Engineer for density testing at no additional cost to the Owner.

Native material in the bottom of the trench disturbed by the bucket teeth or the Contractor's operation shall be re-compacted with a vibratory or mechanical compactor acceptable to the Engineer before laying the pipe.

The top 2-feet of the pipe trench shall be free of asphalt pavement larger than 1½-inch.

Drywell rock encountered in trench excavation shall be mixed with the native material so as not to exceed 25% by weight.

7-08.3(5) Marking Tape

(February 7, 2018 COSV GSP)

Add the following new section:

7-08.3(5) Marking Tape

Marking Tape shall be installed over all utilities. The tape shall be placed at the location where shown on the plans, or if not shown, approximately 18 inches above the top of the pipe over the entire length of the pipe. Marking tape shall meet the requirements of Section 9-15.18.

7-08.4 Measurement

(February 1, 2022 COSV GSP)

The third paragraph of Section 7-08.4 is deleted and replaced with the following:

Trench excavation for stormwater, sewer, and water piping shall not be measured.

7-08.5 Payment

(February 1, 2022 COSV GSP)

Section 7-08.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items when included in the proposal:

Plug Existing Pipe	Per Each

All costs associated with structure excavation Class B; disposing of excavated material; pipe bedding; backfilling; adjustment of inverts to drainage or sewer structures; and flushing/cleaning construction debris from the pipe in the installation of stormwater, sewer and water piping shall be included in the unit Contract Price per foot for the size and type of pipe being installed.

7-11 **VACANT**

(February 7, 2018 COSV GSP)

Section 7-11 is deleted and replaced with the following:

7-11 DRY UTILITY ADJUSTMENTS

7-11.1 Description

This section covers the adjustment of existing gas valve, communication and power vaults, within existing roadways.

7-11.2 Materials

Adjustment materials shall conform to Section 5-04.3(13).

7-11.3 Construction Requirements

The gas valve and communication and power vault, junction box and pull box rim elevations shown on the Plans are estimates only. The Contractor shall set the rim elevations in accordance with Section 5-04.3(13).

7-11.4 Measurement

"Adjust Gas Valve", shall be measured per each.

"Adjust Utility Vault", shall be measured per each. Utility Vault definition shall include communication, power or signal utilities involving vaults, pull boxes or junction boxes.

7-11.5 Payment

Payment will be made in accordance with Section 1-04.1 for the following bid items when included in the proposal:

Adjust Gas Valve	Per Each
Adjust Utility Vault	Per Each

“Adjust Gas Valve”, per each.

The unit Contract price per each for "Adjust Gas Valve" shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to adjust the structures to grade, including but not limited to: structure excavation Class B including haul, interim adjustments up or down as may be required, excavation, backfilling, compaction, protection of the structures, adjusting existing valve box to finished grade, provisions for continued street drainage, pavement patching, surfacing, restoration of adjacent areas in accordance with the specifications and plans, and removing construction debris after construction is complete.

“Adjust Utility Vault”, per each.

The unit Contract price per each for "Adjust Utility Vault" shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to adjust the structures to grade, including but not limited to: structure excavation Class B including haul, interim adjustments up or down as may be required, excavation, backfilling, compaction, protection of the structures, adjusting existing vault to finished grade, provisions for continued street drainage, pavement patching, surfacing, restoration of adjacent areas in accordance with the specifications and plans, and removing construction debris after construction is complete.

7-12 VALVES FOR WATER MAINS

7-12.3 Construction Requirements

(February 7, 2018 COSV GSP)

Section 7-12.3 is supplemented with the following:

The water valve box rim elevations shown on the Plans are estimates only. The Contractor shall set the rim elevations in accordance with Section 5-04.3(13).

7-12.4 Measurement

(February 7, 2018 COSV GSP)

Section 7-12.4 is supplemented with the following:

"Adjust Existing Water Valve", shall be measured per each.

7-12.5 Payment

(February 7, 2018 COSV GSP)

Section 7-12.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Adjust Existing Water Valve	Per Each

"Adjust Existing Water Valve", per each.

"Adjust Existing Water Valve", per each, shall be full pay for furnishing all tools, labor, equipment, and materials required or incidental to adjust the structures to grade, including but not limited to: structure excavation Class B including haul, interim adjustments up or down as may be required, excavation, backfilling, compaction, protection of the structures, adjusting existing valve box to finished grade, provisions for continued street drainage, pavement patching, surfacing, restoration of adjacent areas in accordance with the specifications and plans, and removing construction debris after construction is complete.

END OF DIVISION

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.5 Payment

8-01.5(2) Item Bids

Section 8-01.5(2) is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Erosion/Water Pollution Control	Estimate
ESC Lead	Per Day
Inlet Protection	Per Each

8-02 ROADSIDE RESTORATION

8-02.4 Measurement

(February 7, 2018 COSV GSP)

Section 8-02.4 is supplemented with the following:

"Topsoil Type ___, ___ In. Depth" will be measured by the square yard along the grade and slope of the area covered immediately after application.

"Landscaping Rock Salvage" will be measured per square yard.

8-02.5 Payment

(February 1, 2022 COSV GSP)

Section 8-02.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Topsoil Type __, __ In. Depth	Per Square Yard
Landscaping Rock Salvage	Per Square Yard
Sod Installation	Per Square Yard

"Topsoil Type ___, ___ In. Depth" per square yard.

The unit Contract price per square yard for "Topsoil Type ___, ___ In. Depth" shall be full payment for all costs for the specified Work including pre-excavation weed control, excavating, loading, hauling, intermediate windrowing, stockpiling, weed control on stockpiles or windrows, and removal, placing, spreading, processing, cultivating, and placing the specified topsoil type.

"Landscaping Rock Salvage", per square yard.

The unit Contract price per square yard for "Landscaping Rock Salvage", shall be full pay for furnishing all tools, labor, equipment, and materials required to rake the landscaping rock in accordance with the plans, prior to construction, protect the rock during construction, protect and maintain the plastic weed barrier, replenish rock with the same gradation and coloration if damaged or missing, and to restore the weed barrier and rock to its original location and condition following construction.

"Sod Installation", per square yard.

8-03 IRRIGATION SYSTEMS

8-03.3(15) Irrigation System Revisions

Add the following new section:

8-03.3(15) Existing Irrigation System Restoration

The Contractor, in the presence of the Inspector, shall meet with the adjacent property Owner prior to excavation and removal work. The Contractor and Owner shall test the existing system to verify that it currently is operational. The Contractor and Owner, during the meeting shall identify and flag all existing sprinkler head locations; piping locations; and valve locations.

The Contractor shall develop a plan of the revised system that relocates piping and sprinkler heads onto private property. The plan shall show the new or re-used sprinkler head locations; new piping size and configuration; and locations where revised piping will tie into the existing system. The plan shall be drawn to scale showing the revised irrigation system relative to the new sidewalk and driveway approaches. The Contractor shall obtain the owner's approval of the irrigation system reconfiguration in writing, and provide a copy to the Engineer, prior to demolition of the existing system.

Any modifications necessary to relocate and restore private property irrigation systems will be field directed by the City.

The Contractor shall conduct excavation operations in a manner that will protect existing irrigation systems. Any irrigation systems damaged as a result of the Contractor's operation shall be repaired by the Contractor to the satisfaction of the City at no cost to the Agency.

The Contractor shall flush and test all lines in the system after completion of any modifications. All tests shall be conducted at existing residential household pressure. If head coverage or pressure is not satisfactory to the Owner, the Contractor will replace heads and re-flush the system until it is.

8-03.4 VACANT

Section 8-03.4 is replaced with the following:

8-03.4 Measurement

"Irrigation System Revision" will be measured per force account.

8-03.5 Payment

Section 8-03.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Irrigation System Revision	Estimate

"Irrigation System Revision", by force account as provided in Section 1-09.6.

Modifications to existing irrigation systems including installing new lines, valves and fittings; pipes, replacing sprinkler system components with same type, replacing valves and fittings, flush pipes, and any additional Work deemed necessary by the Engineer will be paid for by force account in accordance with Section 1-09.6.

8-04 CURBS, GUTTERS, AND SPILLWAYS

8-04.3 Construction Requirements

8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways

(February 7, 2018 COSV GSP)

The first paragraph of Section 8-04.3(1) is revised to read:

Cement concrete curb, curb and gutter, gutter, and spillway shall be constructed with air entrained commercial concrete with a minimum compressive strength at 28 days of 4,000 psi in accordance with AASHTO T22.

The first sentence of the fourth paragraph of Section 8-04.3(1) is revised to read:

Expansion joints shall extend the full section and depth of the curb. Expansion joints in the curb or curb and gutter shall be spaced at 100-foot intervals, the beginning and ends of the curb returns, drainage structures, bridges, connections with existing curbing, and match joint locations of adjacent sidewalks and driveways.

Section 8-04.3(1) is supplemented with the following:

The Contractor shall place and compact crushed surfacing top course below the curbs, gutters and spillways in accordance with the plans, compacted to the requirements of Section 4-04.

The Contractor shall be responsible for barricading, patrolling, or otherwise protecting the newly placed concrete to prevent damage and/or vandalism. Damaged, vandalized, discolored, stained, or unsightly concrete shall be removed and replaced at the expense of the Contractor.

8-04.5 Payment

Section 8-04.5 is supplemented with the following:

Payment will be made for each of the following bid items:

Cement Conc. Traffic Curb	Per Linear Foot

Cement Conc. Traffic Curb and Gutter	Per Linear Foot
Cement Conc. Pedestrian Curb	Per Linear Foot

The cost for furnishing, shaping and compacting crushed surfacing top course below the curbs, gutters and spillways in accordance with the plans, shall be included in the unit price for each curb, gutter or spillway bid item.

8-05 VACANT

(February 7, 2018 COSV GSP)

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

8-05 TRAFFIC ISLANDS

8-05.1 Description

This work shall consist of constructing traffic islands or median curbs to line and detail as shown on the Plans or as directed by the Engineer.

8-05.2 Materials

Reinforced doweled curb shall be constructed with commercial concrete conforming to the requirements of Sections 6-02 and 8-04 and the plans.

Island nosing's shall be constructed of commercial concrete and in accordance with Section 6-02 and with the plans.

If specified, precast traffic curb shall conform to the requirements of Section 8-07.

Traffic island fill, where shown on the plans, shall be a crushed surfacing top course meeting the requirements of Section 9-03.9(3).

8-05.3 Construction Requirements

General

The area between the curbs of the islands shall be backfilled with compacted crushed surfacing top course and covered with 4 inches of Portland Cement Concrete. Two-inch diameter holes shall be drilled through the existing pavement into the subgrade at the low points in the island or as directed by the Engineer to allow the moisture that may accumulate to drain away. The backfill inside the island shall be graded to affect a slope of one inch per foot for the concrete surface, to facilitate drainage, and shall be at a level such that the surface of the concrete island is even with the top of the curb.

The surface of the concrete shall be both floated and trowelled and given a broomed finish.

The finished median curb and island shall conform to line, grade, and cross-section. The horizontal variance shall not be greater than 1/4-inch when checked with a 10-foot straight edge, nor greater than 1/8-inch in a 5-foot distance or less. The vertical variance shall not be greater than 1/4-inch when checked against plan elevation. The cross-section dimension variance shall not be greater than 1/4-inch

In locations where a delineator is shown on the median, the contractor may place a 2-1/4" (inside) diameter PVC sleeve prior to pouring concrete to ensure the delineator can be installed without damaging the rebar.

The Contractor may choose to construct the island surface in one phase, provided there is an expansion joint between the sidewalk portion of the surface and the concrete island surface. The Contractor may elect to construct the island surface in two phases, in order to make it easier to achieve the required surface treatments. In this case, there will be no extra compensation made for constructing the surface in multiple phases.

Special Considerations

Restrictions for Clearance. Occasionally situations arise wherein the island curbs become so close together as to make it extremely difficult to form them separately. In order to accommodate this situation in a consistent manner, areas of the traffic island where the curbs are closer than __-inches measured from outside face to outside face shall be formed monolithically of cement concrete, with NO exposed aggregate concrete used in the space between.

Special Requirements for Cross Walks. When shown on the plans, traffic islands must accommodate pedestrian traffic. Consequently, special consideration must be made for the pedestrians' safe passage.

Pedestrian ways may take the form of either a pass-through or a normal wheelchair ramp and sidewalk, as provided for below.

1. Pass-throughs shall be created by dividing a single traffic island as necessary to create two or more smaller traffic islands. The pass-throughs shall be a minimum of 6-foot in width. The surface of the HMA or PCCP shall be finished in a manner that will allow water to drain out of and away from the pass-through.

2. For islands of sufficient size, curb ramps shall be used. A minimum 5-foot length landing is required between ramps. The ramps shall be connected with 5-foot wide City standard sidewalk with a broom finish. All other sidewalk standards apply including lateral expansion and contraction joints.

It shall be noted that utilization of the standard doweled island curb does not allow for ramp thickness where the plane of the ramp intersects the plane of the pavement. In order to address this, the Contractor shall chip or saw the pavement to a 4-inch depth and remove the required amount of pavement as to allow for full thickness of the ramp concrete. The edge of the chipped area which coincides with the normal face of curb shall be vertical and neat in appearance, so that when the ramp concrete is poured against it, the resulting work will present a uniform line. In this case, the work to chip or saw and then remove the required portion of pavement shall be considered incidental to the work and there shall be no extra payment made.

8-05.4 Measurement

"Raised Median Island", will be measured per square yard from face of curb.

8-05.5 Payment

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Raised Median Island	Per Square Yard

"Raised Median Island", per square yard.

The unit Contract price per square yard for "Raised Median Island", shall be full pay for furnishing all tools, labor, equipment, and materials required or necessary to construct traffic island(s) in accordance with the Plans and Specifications. The work shall include drilling holes in the newly constructed pavement, furnishing and installing dowels, and placement of traffic island, including steel reinforced curb to the width and length shown on the plans.

8-06 CEMENT CONCRETE DRIVEWAY ENTRANCES

8-06.3 Construction Requirements

(February 7, 2018 COSV GSP)

The first paragraph of Section 8-06.3 is revised to read:

Cement concrete driveway approaches shall be constructed with air entrained commercial concrete with a minimum compressive strength at 28 days of 4,000 psi in accordance with AASHTO T22.

Section 8-06.3 is supplemented with the following:

The Contractor shall place and compact crushed surfacing top course below the driveway entrance or approach in accordance with the plans, compacted to the requirements of Section 4-04.

8-06.4 Measurement

(February 7, 2018 COSV GSP)

Section 8-06.4 is supplemented with the following:

"Cement Concrete Driveway Approach" will be measured by the square yard.

8-06.5 Payment

(February 7, 2018 COSV GSP)

Section 8-06.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid item:

Cement Concrete Driveway Approach	Per Square Yard

"Cement Concrete Driveway Approach", per square yard.

The unit Contract price per square yard for "Cement Concrete Driveway Approach", shall be full pay for furnishing all tools, labor, equipment, and materials required or necessary to excavate to subgrade; load, haul and dispose of excavated material; compact the subgrade; furnish, place, finish, cure and protect the approach.

The cost for furnishing, shaping and compacting crushed surfacing top course below the driveway entrance in accordance with the plans, shall be included in the unit price for the "Cement Concrete Driveway Approach" bid item.

8-09 RAISED PAVMENT MARKERS

8-09.4 Measurement

Section 8-09.4 is supplemented with the following:

Type 2 markers installed will be measured per each.

8-09.5 Payment

Section 8-09.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Raised Pavement Marker Type 2	Per Each

"Raised Pavement Marker Type 2", per each

8-10 GUIDE POSTS

8-10.2 Materials

(February 7, 2018 COSV GSP)

Section 8-10.2 is supplemented with the following:

A delineator shall be a 42 inch long, 2-1/4 inch diameter yellow post with no base or collars, and a recessed cap. It shall be made from linear low density, extruded polyethylene with UV inhibitors. It shall have two, 3 inch wide reflective wraps spaced 6 inches apart. The top of the top wrap shall be 1 inch from the top of the delineator.

The overall bullnose marker shall be a 2-3/4 inch long, 40 inch high, 8-3/4 inch wide. The panel shall have 29 inch high, 8 inch wide yellow, high intensity sheeting. The panel shall be made from high-density polyethylene (HDPE), the flex shall be made from thermoplastic polyurethane (TPU), and the stabilizing bar shall be made from stainless steel. The bullnose marker shall be attached to roadway/island using the manufacture's recommended base plate for standalone installation. All anchor hardware shall be furnished by the manufacturer.

8-10.3 Construction Requirements

(February 7, 2018 COSV GSP)

Section 8-10.3 is supplemented with the following:

Delineator Installation

After placement of the median islands, the contractor shall core drill a 2-1/4 inch (outside diameter) hole, 6 inches deep (measured from the adjacent median curb top surface). The Contractor shall remove and dispose of the core offsite and clean the hole and surrounding

pavement of any coring debris or mud. As an alternate the Contractor may elect to install 2-1/4 inch, inside diameter, PVC sleeves into the freshly poured median island.

Bullnose Marker Installation

Existing structures or signs shall be removed prior to installation. All holes remaining from such removals shall be completely filled with an approved grout and allowed to set prior to installation of the bullnose marker. In the case of new median island installation, the island shall be allowed to cure sufficiently prior to installation of the bullnose marker, all in accordance with the manufacturer's instructions. After installation, the Contractor shall clear the surrounding pavement of any debris or mud.

8-10.4 Measurement

(February 7, 2018 COSV GSP)

Section 8-10.4 is supplemented with the following:

"Delineator and Core Hole", will be measured per each.

8-10.5 Payment

(February 7, 2018 COSV GSP)

Section 8-10.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Delineator and Core Hole	Per Each

"Delineator and Core Hole", per each.

The unit Contract price per each for " Delineator and Core Hole ", shall be full pay for furnishing all tools, labor, equipment, and materials required for coring a 2-1/4" diameter hole, 6 inches deep, cleaning the hole and surrounding area of debris, and furnishing and installing tubular delineators at all locations shown or called out on the plans or where directed by the Engineer. The cost of temporary traffic control shall be included in other bid items.

8-14 CEMENT CONCRETE SIDEWALKS

8-14.3 Construction Requirements

(February 7, 2019 COSV GSP)

Section 8-14.3 is deleted in its entirety and replaced with the following:

The concrete in sidewalks and curb ramps shall be constructed with air entrained commercial concrete with a minimum compressive strength at 28 days of 4,000 psi in accordance with AASHTO T22.

8-14.3(1) Excavation

8-14.3(1)A Crushed Surfacing

(February 7, 2018 COSV GSP)

Add the following new section:

8-14.3(1)A Crushed Surfacing

The Contractor shall place and compact crushed surfacing top course below the sidewalk or curb ramp in accordance with the plans, compacted to the requirements of Section 4-04.

8-14.3(3) Placing and Finishing Concrete

(February 7, 2018 COSV GSP)

Section 8-14.3(3) is supplemented with the following:

At all street intersections, the concrete for the sidewalk and curb ramps shall be 6 inches in depth within the curb returns.

When the sidewalk is adjacent to curb, the expansion and contraction joint locations shall match the joints in the curb or curb and gutter.

The Contractor shall use fibrous expansion material, full depth of sidewalk or ramp, in all expansion joints. The contractor shall ensure that all expansion material has been installed per these requirements prior to pouring concrete.

8-14.3(4) Curing

(February 7, 2018 COSV GSP)

Section 8-14.3(4) is deleted and replaced with the following:

The curing materials and procedures outlined in Section 5-05.3(13) shall apply, except that white pigmented curing compound shall not be used on sidewalks. The curing agent shall be applied immediately after brushing and be maintained for a period of 5 days.

The curing period for sidewalks shall be a minimum of 3 days. The curing period for driveways shall be a minimum of 7 days. During the curing period, all traffic, both pedestrian and vehicular, shall be excluded. If methods of construction cannot exclude pedestrian or vehicular traffic, the Contractor shall use a high-early strength concrete with the prior approval of the Engineer. In this case, the sidewalk or driveway shall remain closed until the concrete reaches a minimum of 2500 PSI compressive strength, provided that vehicular traffic may be excluded for such additional time, as the Engineer may direct.

The Contractor shall have readily available sufficient protective covering, such as waterproof paper or plastic membrane, to cover the pour of an entire day in the event of rain or other unsuitable weather.

The Contractor shall be responsible for barricading, patrolling, or otherwise protecting the newly placed concrete to prevent damage and/or vandalism. Damaged, vandalized, discolored, stained, or unsightly concrete shall be removed and replaced at the expense of the Contractor.

8-14.3(5) Detectable Warning Surface

(April 17, 2025 COSV GSP)

Section 8-14.3(5)A is supplemented with the following:

The detectable warning surface (DWS) shall be located as shown in the Plans. The DWS shall be a liquid applied application only. Placement of the detectable warning surface shall be in accordance with the manufacturer's recommendation for placement on a hardened cement concrete surface. The installation shall be done by an approved manufacturer installer.

The finished DWS product shall be clean looking and the application and dome spacing shall be consistent with WSDOT Standard Plan F-45.10-02. .

8-14.3(B) Cast-in-Place Detectable Warning Surfaces

(April 17, 2025 COSV GSP)

Section 8-14.3(5)B is deleted.

8-14.4 Measurement

(February 7, 2018 COSV GSP)

Section 8-14.4 is supplemented with the following:

"Detectable Warning Surface" will be measured per square foot.

8-14.5 Payment

(February 7, 2019 COSV GSP)

Section 8-14.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Cement Conc. Sidewalk	Square Yard
Cement Conc. Curb Ramp Type Parallel A ___	Each
Cement Conc. Curb Ramp Type Parallel B	Each
Cement Conc. Curb Ramp Type Single Direction	Each
Detectable Warning Surface	Square Foot

The unit Contract price per each for "Cement Conc. Curb Ramp Type ___," shall be full pay for construction of the curb ramp as specified, excluding the detectable warning surface.

The cost for furnishing, shaping and compacting crushed surfacing top course below the sidewalk or curb ramp in accordance with the plans, shall be included in the unit price for sidewalk and curb ramp bid items.

"Detectable Warning Surface", per square foot.

The unit Contract price per square foot for "Detectable Warning Surface" shall be full pay for furnishing all tools, labor, equipment, and materials required for furnishing and placing the liquid applied detectable warning surface.

8-18 MAILBOX SUPPORT

8-18.3 Construction Requirements

Section 8-18.3 is supplemented with the following:

The Contractor shall provide access to all mailboxes during construction. In order to provide access, the Contractor may place temporary mailbox supports during construction, the locations shall be approved by the United States Postal Service and the property owner prior to relocating the mailboxes.

8-21 PERMANENT SIGNING

8-21.3 Construction Requirements

(February 7, 2018 COSV GSP)

Section 8-21.3 is supplemented with the following:

U-channel sign posts and bases shall be installed per Spokane Valley Standard Plan R-140.

8-21.5 Payment

(February 16, 2018 COSV GSP)

Section 8-21.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Permanent Signing	Lump Sum

8-22 PAVEMENT MARKINGS

8-22.2 Materials

(February 1, 2023 COSV GSP)

Section 8-22.2 is supplemented with the following:

The plastic material for pavement markings on asphalt pavement shall be either Type A, B or C-1 as defined in Section 9-34.3 of the Standard Specifications.

The Contractor shall identify the reflective properties of the Type B material in the submittal. All Type B material installed on the project shall have the same reflective properties.

8-22.3 Construction Requirements

8-22.3(1) Preliminary Spotting

(February 7, 2018 COSV GSP

The first sentence of Section 8-22.3(1) is replaced with the following:

The Contractor shall provide preliminary spotting of the lines for Engineer Approval, before marking begins, based on his construction staking control.

8-22.3(4) Tolerance for Lines

(January 21, 2021 COSV GSP)

The third tolerance of Section 8-22.3(4) is replaced with the following:

Lane Width – The lane width, which is defined as the lateral width from the edge of pavement to the center of the lane line or between the centers of successive lane lines, shall not vary from the widths shown in the Contract by more than plus or minus 4 inches for lane widths of more than 11 feet or 2 inches for lane widths of 11 feet or less.

8-22.3(5) Installation Instructions

(February 7, 2018 COSV GSP

Section 8-22.3(5) is supplemented with the following:

Pavement Markings-Durable

The Contractor shall install the Type C-1 markings per the manufacturer's specification for hot inlay application only. The manufacturer's installation instructions shall be included with the Request for Approval of Materials (RAM) submittal.

The Contractor shall supplement the manufacturer's Type C-1 markings installation instructions with the following:

The Contractor shall provide a dedicated ten-ton steel-drum finish roller (no vibration) for the marking installation. The markings should be placed at least 4 inches from any asphalt seam or crown. Type C-1 markings must be installed when the paved asphalt temperature is between 160ºF and 130ºF, for hot inlay application.

If the paved asphalt temperature drops below 130ºF, the Contractor shall immediately stop the installation of the Type C-1 markings and place temporary pavement markings (per section 8-23 of the standard specifications) for the remaining paved asphalt sections, so not to delay opening of the roadway. The remaining permanent pavement markings that were not installed within the temperature range must be installed with contact adhesive following the manufacturer's installation instructions for grooved pavement surface application using diamond cutting blades to groove the surface. The Contractor shall maintain the temporary markings until the permanent markings are installed.

Any additional costs to install and remove temporary pavement markings, groove cutting, groove/surfacing cleaning, additional traffic control, or any delay costs due to the Contractor's inability to install the markings within the temperature range shall be at the Contractor's expense.

Type B Preformed Fused Thermoplastic pavement marking shall not be over heated during application. Type B Preformed Fused Thermoplastic pavement markings that are pock-marked with bubbles will be rejected, and the Contractor shall pay all costs, including temporary traffic control, to remove by grinding and reinstall the material.

8-22.5 Payment

(February 1, 2023 COSV GSP

Section 8-22.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid items:

Removing Plastic Line	Per Linear Foot
Plastic Line	Per Linear Foot
Plastic Wide Line	Per Linear Foot
Plastic Stop Line	Per Linear Foot
Plastic Crosswalk Line	Per Square Foot
Plastic Traffic Arrow	Per Each
Plastic Bicycle Lane Symbol	Per Each

END OF DIVISION

DIVISION 9
MATERIALS

9-03 AGGREGATES

9-03.8 Aggregates for Hot Mix Asphalt

9-03.8(2) HMA Test Requirements

(February 7, 2018 COSV GSP)

Item 1 of Section 9-03.8(2) is deleted and replaced with the following:

1. The Number of ESAL's for the design and acceptance of the HMA shall be 3 million or greater.

9-03.8(3) Grading

9-03.8(3)B Gradation-Recycled Asphalt Pavement and Mineral Aggregate

(February 7, 2018 COSV GSP)

The first sentence of Section 9-03.8(3)B is deleted and replaced with the following:

The RAP utilized in the production of HMA shall be sized prior to entering the mixer with 100 percent passing a 1 inch sieve so that a uniform and thoroughly mixed HMA is produced in the mixer.

9-03.12 Gravel Backfill

9-03.12(5) Gravel Backfill for Drywells

(February 7, 2018 COSV GSP)

Section 9-03.12(5) is deleted and replaced with the following:

Special backfill for drywells shall consist of primarily unfractured, naturally occurring, free draining material conforming to the following gradation:

Sieve	% Passing
3"	100
1"	15
U.S. #200	2 max.

Fracture shall be 20 percent max.
All percentages are by weight.

9-05 DRAINAGE STRUCTURES AND CULVERTS

9-05.15 Metal Castings

9-05.15(1) Manhole Ring and Cover

(February 7, 2018 COSV GSP)

Section 9-05.15(1) is supplemented with the following:

Frames shall have all gussets removed if installed in cement concrete pavement.

9-05.50 Precast Concrete Drainage Structures

(February 7, 2019 COSV GSP)

Section 9-05.50(1) is supplemented with the following:

Manholes, Catch basins, inlets and drywells shall be constructed with concrete meeting 4,000 psi compressive strength and meet the requirements of ASTM C-478 or AASHTO M-199.

9-14 EROSION CONTOL AND ROADSIDE PLANTING

9-28 SIGNING MATERIALS AND FABRICATION

9-28.1 General

(February 7, 2018 COSV GSP)

Section 9-28.1 is supplemented with the following:

Background reflective sheeting for signs that are not specified shall be Type III or Type IV reflective sheeting. Legend reflective sheeting for signs that are not specified shall be Type III or Type IV reflective sheeting.

9-28.11 Hardware

(February 7, 2019 COSV GSP)

Section 9-28.1 is supplemented with the following:

Steel street sign post and sign hardware shall be:

Bolts shall meet the requirements of ASTM A307
Nuts shall meet the requirements of AASHTO M292 or ASTM A194
Washers shall meet the requirements of AASHTO M293 or ASTM F436
Steel bolts, nuts and washers shall either be stainless steel or be galvanized in accordance with AASHTO M232 or ASTM F2329.

The splice spacer bar shall conform to ASTM A26M.
The Lap splice bolt shall have 1,240 MPa tensile strength.

Aluminum street sign bolts, nuts and washers shall be ASTM F468 2024-T4 Aluminum:

9-28.15 Vacant

(February 1, 2022 COSV GSP)

Section 9-28.15 is deleted and replaced with the following:

9-28.15 Stop Sign, Street Sign and Regulatory Signposts

Signposts shall be a minimum 10 or 12 feet long such that bottom of the sing is at least 7 feet above the sidewalk, "U" channel, 3 lb/foot minimum unit weight, with a breakaway bolted connection. Minimum post and base cross-sectional area (including holes) shall be .837 in^2. Minimum post Sx about the XX axis shall be .336 in^3. Each signpost shall be mounted to a 3 foot long "U" channel, 3 lb/foot minimum unit weight, base driven into the existing ground. Bolts and fasteners shall be either galvanized or stainless steel. Post and base shall be either galvanized or be powder coated green.

The contractor shall submit a sign proof for all new sign installations prior to fabrication.

APPENDICES

(January 2, 2012)

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

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APPENDIX A: Wage Rate Information

APPENDIX B: Standard Plans

APPENDIX C: Pothole Utility Record

***

Standard Plans

(November 4, 2024)

The Washington State Department of Transportation *Standard Plans* M21-01, published September 2024, is made a part of this Contract with the following revisions:

A-10.30

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

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

A-40.20

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

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

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

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

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

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

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

B-90.40
Valve Detail – DELETED

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

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

C-81.15
Sheet 1, General Notes, Add Note 7, to read;"7. The concrete class for the moment slab shall be class 4000 typically and class 4000A when the top of the slab is used as the roadway, or sidewalk, surface. The concrete class for the barrier is defined in Standard Specification Section 6-10.3."

C-85.11
On Section B, the callout "3" EXPANDED POLYSTYRENE AROUND COLUMN (TYP.)" is revised to read "3" EXPANDED POLYSTYRENE OR POLYETHYLENE FOAM AROUND COLUMN (TYP.)"

D-3.09
Sheet 1, Geosynthetic Wall with 2 FT Traffic Surcharge detail, callout – "BARRIER ON WALL ~ SEE Standard Plan D-3.15 or D-3.16" is revised to read: "BARRIER ON WALL ~ SEE Standard Plan C-81.10 and/or C-81.15"

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

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

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

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

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

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

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

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

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

F-10.18
General Note 1; "Construct curb joints at concrete pavement transverse joint locations. If all adjacent pavement is HMA, see Standard Plam F-30.10 for Curb Expansion and Contraction Joint Spacing." Is revised to read – "See Standard Plan F-30.10 and Standard Specification Section 8-04.3 for Curb Expansion and Contraction Joint details and spacing."

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

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

Delete: “15’ – 0” MAX. (TYP.)”

F-40.14

The one instance of “2.0% MAX.” is replaced with “2.1% MAX.”

Note 7 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement. When a ramp is constructed on a radius, the Curb Ramp length is measured on the inside radius along the back of the walkway.

Section A is amended as follows:

Delete: “15’ – 0” MAX. (TYP.)”

Section C is amended as follows:

Delete: “15’ – 0” MAX. (TYP.)”

F-40.15

The one instance of “2.0% MAX.” is replaced with “2.1% MAX.”

Note 7 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.

Section A is amended as follows:

Delete: “15’ – 0” MAX. (TYP.)”

F-40.16

The one instance of “2.0% MAX.” is replaced with “2.1% MAX.”

Note 8 is replaced with the following:

7. The running slope of curb ramps shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the landing. Do not include the abutting landing in the Curb Ramp length measurement.

Section A is amended as follows:

Delete: “15’ – 0” MAX. (TYP.)”

Section B is amended as follows:

Delete: “15’ – 0” MAX. (TYP.)”

F-80.10

The one instance of “2.0% MAX.” is replaced with “2.1% MAX.”

Note 6 is replaced with the following:

The running slope of the Pedestrian Ramp shall not exceed 8.3% maximum except as noted herein. If the 8.3% running slope creates a ramp that exceeds 15ft, see contract plans for details. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk.

Section A is amended as follows:

Delete: “15” Max.”

J-10.10

Sheet 4 of 6, “Foundation Size Reference Table”, PAD WIDTH column, Type 33xD=6’ – 3” is revised to read: 7’ – 3”. Type 342LX / NEMA P44=5’ – 10” is revised to read: 6’ – 10”

Sheet 5 of 6, Plan View, “FOR EXAMPLE PAD SHOWN HERE:, “first bullet” item, “-SPACE BETWEEN TYPE B MOD. CABINET AND 33x CABINET IS 6” (IN)” IS REVISED TO READ:

"SPACE BETWEEN TYPE B MOD. CABINET (BACK OF ALL CHANNEL STEEL) AND 33x CABINET IS 6" (IN) (CHANNEL STEEL ADDS ABOUT 5" (IN)"

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

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

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

J-20.10
DELETED

J-20.11
DELETED

J-20.26
Add Note 1, "1. One accessible pedestrian pushbutton station per pedestrian pushbutton post."
Add General Note 2, to read: "Signs shown are for locations with pedestrian signal displays (Accessible Pedestrian Signals/APS). Accessible information device (AID) pushbuttons signs not shown."
Revise View Titles (Both Sheets) to read: "ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY"

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

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

J-21.15
Partial View, callout, was – LOCK NIPPLE ~ 1 ½" DIAM., is revised to read; CHASE NIPPLE ~ 1 ½" (IN) DIAM.

J-28.30
General Note 13 – "See Standard Plans C-8b and C-85.14 for steel light standards on traffic barrier" is revised to read; "See Standard Plan C-85.15 for steel light standards on traffic barrier."

J-40.10

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

J-40.36

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

J-40.37

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

J-75.20

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

J-75.55

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

L-5.10

Add new general Note 9 on sheet 1 – "9. The top of wall in Section A on Sheet 1 shall be located as follows: 1) flush with the finished grade when placed within the deflection distance of the long span guardrail system (Std. Plan C-20.40), 2) Two inches maximum above finished grade when placed behind a box culvert guardrail steel post system (Std. Plan C-20.41 or C-20.43), 3) Six inches minimum for all other applications. The bottom rail shall be located at mid height between the top rail and the top of structure."

M-20.30

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

M-40.10

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

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

A-10.10-00 ..... 8/7/07	A-30.35-00 ..... 10/12/07	A-50.10-02 ..... 7/18/24
A-10.20-00 ..... 10/5/07	A-40.00-01 ..... 7/6/22	A-50.40-01 ..... 8/17/21
A-10.30-00 ..... 10/5/07	A-40.10-04 ..... 7/31/19	A-60.10-03 ..... 12/23/14
A-20.10-00 ..... 8/31/07	A-40.15-00 ..... 8/11/09	A-60.20-03 ..... 12/23/14
A-30.10-00 ..... 11/8/07	A-40.20-04 ..... 1/18/17	A-60.30-01 ..... 6/28/18
A-30.30-01 ..... 6/16/11	A-40.50-03 ..... 9/12/23	A-60.40-00 ..... 8/31/07

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

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

1

C-1 .....9/8/22
C-1b 10/12/23
C-1d 10/31/03
C-6a.....9/8/22
C-7 .....9/8/22
C-7a.....9/8/22
C-20.10-09 .....10/12/23
C-20.14-05 .....9/8/22
C-20.15-03 .....10/12/23
C-20.18-04 .....9/8/22
C-20.40-10 .....10/12/23
C-20.41-05 .....7/18/24
C-20.43-01 .....7/18/24
C-20.44-00 .....8/13/24
C-20.45-03 .....9/8/22
C-20.55-00 .....7/30/24
C-22.16-08 .....10/17/23
C-22.40-11 .....7/21/24
C-22.45-07 .....7/21/24
C-23.70-01..... 10/16/23
C.24.10-05..... 7/21/24
C-24.15-00..... 3/15/22
C-25.20-07..... 8/20/21
C-25.22-06..... 8/20/21
C-25.26-05..... 8/20/21
C-25.30-01..... 8/20/21
C-25.32-00..... 7/29/24
C-25.80-05..... 8/12/19
C-60.10-04..... 7/21/24
C-60.15-01..... 7/21/24
C-60.20-01..... 9/8/22
C-60.30-02..... 7/21/24
C-60.40-01..... 7/21/24
C-60.45-01..... 7/21/24
C-60.50-01..... 7/21/24
C-60.60-01..... 7/21/24
C-60.70-01..... 9/8/22
C-60.80-02..... 7/21/24
C-70.10-04 .....10/16/23
C-70.15-01 .....7/21/24
C-75.10-02 .....9/16/20
C-75.20-03 .....8/20/21
C-75.30-03 .....8/20/21
C-80.10-03 .....10/16/23
C-80.20-01 .....6/11/14
C-80.30-02 .....8/20/21
C-80.40-01 .....6/11/14
C-85.10-00 .....4/8/12
C-85.11-01.....9/16/20
C-85.15-03 .....10/17/23
C-85-18-03 .....9/8/22
C-81.10-00 .....9/12/23
C-81.15-00 .....9/12/23

2

D-2.36-03 .....6/11/14
D-2.46-02 .....8/13/21
D-2.84-00 .....11/10/05
D-2.92-01 .....4/26/22
D-3.09-00 .....5/17/12
D-3.10-01 .....5/29/13
D-3.11-03..... 6/11/14
D-4..... 12/11/98
D-6..... 6/19/98
D-10.10-01 ..... 12/2/08
D-10.15-01 ..... 12/2/08
D-10.20-01 ..... 8/7/19
D-10.25-01 .....8/7/19
D-10.30-00 .....7/8/08
D-10.35-00 .....7/8/08
D-10.40-01 .....12/2/08
D-10.45-01 .....12/2/08
D-20.10-00 .....10/9/23

3

E-1.....2/21/07
E-2.....5/29/98
E-4 ..... 8/27/03
E-4a 8/27/03
E-20.10-00.....9/12/23
E-20.20-00.....10/4/23

4

F-10.12-04.....9/24/20
F-10.16-00.....12/20/06
F-10.18-04.....6/28/24
F-10.40-04.....9/24/20
F-10.42-00.....1/23/07
F-10.62-02 ..... 4/22/14
F-10.64-03 ..... 4/22/14
F-30.10-04 ..... 9/25/20
F-40.12-03 ..... 6/29/16
F-40.14-03 ..... 6/29/16
F-40.15-04.....9/25/20
F-40.16-03.....6/29/16
F-45.10-05.....6/4/24
F-80.10-04.....7/15/16

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G-10.10-00 ..... 9/20/07
G-20.10-03 ..... 8/20/21
G-22.10-04 ..... 6/28/18
G-24.10-00 ..... 11/8/07
G-24.20-01 ..... 2/7/12
G-24.30-02 ..... 6/28/18
G-24.40-07 ..... 6/28/18
G-24.50-05 ..... 8/7/19
G-24.60-05 ..... 6/28/18
G-25.10-05 ..... 9/16/20
G-26.10-00 ..... 7/31/19
G-30.10-04 ..... 6/23/15
G-50.10-03 ..... 6/28/18
G-90.10-03 ..... 7/11/17
G-90.20-05 ..... 7/11/17
G-90.30-04 ..... 7/11/17
G-95.10-02 ..... 6/28/18
G-95.20-03 ..... 6/28/18
G-95.30-03 ..... 6/28/18

1

H-10.10-01 ..... 6/2/24
H-10.11-00 ..... 6/2/24
H-10.15-01 ..... 6/2/24
H-10.16-00 ..... 6/2/24
H-30.10-00 ..... 10/12/07
H-32.10-00 ..... 9/20/07
H-60.10-01 ..... 7/3/08
H-60.20-01 ..... 7/3/08
H-70.10-02 ..... 8/17/21
H-70.20-02 ..... 8/17/21

2

I-10.10-01 ..... 8/11/09
I-30.10-02 ..... 3/22/13
I-30.15-02 ..... 3/22/13
I-30.16-01 ..... 7/11/19
I-30.17-01 ..... 6/12/19
I-30.20-00 ..... 9/20/07
I-30.30-02 ..... 6/12/19
I-30.40-02 ..... 6/12/19
I-30.60-02 ..... 6/12/19
I-40.10-00 ..... 9/20/07
I-40.20-00 ..... 9/20/07
I-50.20-02 ..... 7/6/22
I-60.10-01 ..... 6/10/13
I-60.20-01 ..... 6/10/13
I-80.10-02 ..... 7/15/16

3

J-05.50-00 ..... 8/30/22
J-10 ..... 7/18/97
J-10.10-04 ..... 9/16/20
J-10.12-00 ..... 9/16/20
J-10.14-00 ..... 9/16/20
J-10.15-01 ..... 6/11/14
J-10.16-02 ..... 8/18/21
J-10.17-02 ..... 8/18/21
J-10.18-02 ..... 8/18/21
J-10.20-04 ..... 8/18/21
J-10.21-02 ..... 8/18/21
J-10.22-03 ..... 10/4/23
J-10.25-01 ..... 6/21/24
J-10.26-00 ..... 8/30/22
J-12.15-00 ..... 6/28/18
J-12.16-00 ..... 6/28/18
J-15.10-01 ..... 6/11/14
J-15.15-02 ..... 7/10/15
J-20.01-01 ..... 6/21/24
J-20.05-00 ..... 6/21/24
J-20.10-05 ..... 10/4/23
J-20.11-03 ..... 7/31/19
J-20.15-04 ..... 6/21/24
J-20.16-02 ..... 6/30/14
J-20.20-02 ..... 5/20/13
J-20.26-01 ..... 7/12/12
J-21.10-05 ..... 6/21/24
J-21.15-01 ..... 6/10/13
J-21.16-02 ..... 6/21/24
J-21.17-01 ..... 6/10/13
J-21.20-01 ..... 6/10/13
J-22.15-03 ..... 6/21/24
J-26.10-03 ..... 7/21/16
J-26.15-01 ..... 5/17/12
J-26.20-01 ..... 6/28/18
J-27.10-01 ..... 7/21/16
J-27.15-00 ..... 3/15/12
J-28.01-00 ..... 8/30/22
J-28.10-02 ..... 8/7/19
J-28.22-00 ..... 8/07/07
J-28.24-02 ..... 9/16/20
J-28.26-01 ..... 12/02/08
J-28.30-04 ..... 6/18/24
J-28.40-02 ..... 6/11/14
J-28.42-01 ..... 6/11/14
J-28.43-01 ..... 6/28/18
J-28.45-03 ..... 7/21/16
J-28.50-03 ..... 7/21/16
J-28.60-03 ..... 8/27/21
J-28.70-04 ..... 8/30/22
J-29.10-02 ..... 8/26/22
J-29.15-01 ..... 7/21/16
J-29.16-02 ..... 7/21/16
J-30.10-01 ..... 8/26/22
J-40.01-00 ..... 8/30/22
J-40.05-00 ..... 7/21/16
J-40.10-04 ..... 4/28/16
J-40.20-03 ..... 4/28/16
J-40.30-04 ..... 4/28/16
J-40.35-01 ..... 5/29/13
J-40.36-02 ..... 7/21/17
J-40.37-02 ..... 7/21/17
J-40.38-01 ..... 5/20/13
J-40.39-00 ..... 5/20/13
J-50.05-00 ..... 7/21/17
J-50.10-01 ..... 7/31/19
J-50.11-02 ..... 7/31/19
J-50.12-02 ..... 8/7/19
J-50.13-01 ..... 8/30/22
J-50.15-01 ..... 7/21/17
J-50.16-01 ..... 3/22/13
J-50.18-00 ..... 8/7/19
J-50.19-00 ..... 8/7/19
J-50.20-00 ..... 6/3/11
J-50.25-00 ..... 6/3/11
J-50.30-00 ..... 6/3/11
J-60.05-01 ..... 7/21/16
J-60.11-00 ..... 5/20/13
J-60.12-00 ..... 5/20/13
J-60.13-00 ..... 6/16/10
J-60.14-01 ..... 7/31/19
J-75.10-02 ..... 7/10/15
J-75.20-01 ..... 7/10/15
J-75.30-02 ..... 7/10/15
J-75.50-00 ..... 8/30/22
J-75.55-00 ..... 8/30/22
J-80.05-00 ..... 8/30/22
J-80.10-01 ..... 8/18/21
J-80.12-00 ..... 8/18/21
J-80.15-00 ..... 6/28/18
J-81.10-02 ..... 8/18/21
J-81.12-00 ..... 9/3/21
J-84.05-00 ..... 8/30/22
J-86.10-00 ..... 6/28/18
J-90.10-03 ..... 6/28/18
J-90.20-03 ..... 6/28/18

J-22.16-03 ..... 7/10/15	J-40.40-02..... 7/31/19	J-90.21-02.....6/28/18
J-22.17-00 ..... 6/21/24	J-45.36-00..... 7/21/17	J-90.50-00.....6/28/18
K-70.20-01 ..... 6/1/16	K-80.32-00 ..... 8/17/21	K-80.35-01 .....9/16/20
K-80.10-02 ..... 9/25/20	K-80.34-00 ..... 8/17/21	K-80.37-01 .....9/16/20
L-5.10-02 ..... 6/5/24	L-20.10-03 ..... 7/14/15	L-40.20-02.....6/21/12
L-5.15-00 ..... 9/19/22	L-30.10-02..... 6/11/14	L-70.10-01.....5/21/08
L-10.10-02 ..... 6/21/12	L-40.15-01..... 6/16/11	L-70.20-01.....5/21/08
M-1.20-04 ..... 9/25/20	M-9.60-00..... 2/10/09	M-24.66-00.....7/11/17
M-1.40-03 ..... 9/25/20	M-11.10-04..... 8/2/22	M-40.10-04.....10/17/23
M-1.60-03 ..... 9/25/20	M-12.10-04..... 6/28/24	M-40.20-00.....10/12/07
M-1.80-03 ..... 6/3/11	M-15.10-02..... 7/17/23	M-40.30-01.....7/11/17
M-2.20-03 ..... 7/10/15	M-17.10-02..... 7/3/08	M-40.40-00.....9/20/07
M-2.21-00 ..... 7/10/15	M-20.10-04..... 8/2/22	M-40.50-00.....9/20/07
M-3.10-04 ..... 9/25/20	M-20.20-02..... 4/20/15	M-40.60-00.....9/20/07
M-3.20-04 ..... 8/2/22	M-20.30-05..... 6/28/24	M-60.10-01.....6/3/11
M-3.30-04 ..... 9/25/20	M-20.40-03..... 6/24/14	M-60.20-03.....8/17/21
M-3.40-04 ..... 9/25/20	M-20.50-02..... 6/3/11	M-65.10-03.....8/17/21
M-3.50-03 ..... 9/25/20	M-24.20-02..... 4/20/15	M-80.10-01.....6/3/11
M-5.10-03 ..... 9/25/20	M-24.40-02..... 4/20/15	M-80.20-00.....6/10/08
M-7.50-01 ..... 1/30/07	M-24.60-04..... 6/24/14	M-80.30-00.....6/10/08
M-9.50-02 ..... 6/24/14	M-24.65-00..... 7/11/17	

END OF DIVISION

APPENDIX A
WAGE RATE INFORMATION

Washington State – Spokane County
Benefit Code Key

Based on the bid submittal deadline for this project, the applicable effective date for prevailing wages for this project is: May 16, 2025

The State of Washington prevailing wage rates applicable for this public works project, which is located in Spokane County, may be found at the following website address of the Department of Labor and Industries:

https://secure.lni.wa.gov/wagelookup/rates/journey-level-rates

A copy of the applicable prevailing wage rates are also available for viewing at the office of the Owner, located at City Hall, 10210 E. Sprague Avenue, Spokane Valley, WA 99206. Upon request, the Owner will mail a hard copy of the applicable prevailing wages for this project.

The state prevailing rate of wage to be paid to all workmen, laborers, or mechanics employed in the performance of any part of this contract shall be in accordance with the provisions of Chapter 39.12 RCW, as amended, and the rules and regulations of the Department of Labor and Industries of the State of Washington. The prevailing wage rates for the locality or localities where this contract will be performed shall be determined by the Industrial Statistician of the State Department of Labor and Industries and are by reference made a part of this contract as though fully set forth herein.

The prime CONTRACTOR and all subcontractors must pay the prevailing wage rates on the work performed under this contract.

The CONTRACTOR and all subcontractors must pay all the filing fees required to comply with applicable labor laws.

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: 05/16/2025

Spokane County

Trade^	Job Classification	Wage	Holiday	Overtime	Note	Risk Class
Asbestos Abatement Workers	Journey Level	$51.50	7B	1M	8Z	View
Boilermakers	Journey Level	$77.39	5N	1C		View
Brick Mason	Journey Level	$59.64	5A	1M		View
Building Service Employees	Janitor	$20.16	5Q	1		View
Building Service Employees	Shampooer	$20.17	5Q	1		View
Building Service Employees	Waxer	$20.17	5Q	1		View
Building Service Employees	Window Cleaner	$20.25	5Q	1		View
Cabinet Makers (In Shop)	Journey Level	$16.66		1		View
Carpenters	Acoustical Worker	$58.42	15J	11U	9L	View
Carpenters	Bridge, Dock & Wharf Carpenter	$62.42	15J	11U	9L	View
Carpenters	Floor Layer & Floor Finisher	$58.42	15J	11U	9L	View
Carpenters	Form Builder	$58.42	15J	11U	9L	View
Carpenters	General Carpenter	$58.42	15J	11U	9L	View
Carpenters	Heavy Construction Carpenter	$62.42	15J	11U	9L	View
Carpenters	Scaffold/Shoring Erecting & Dismantling	$62.42	15J	11U	9L	View
Cement Masons	Journey Level	$56.59	7B	1N		View
Divers & Tenders	Assistant Tender	$64.97	15J	11U	9I	View
Divers & Tenders	Bell/Vehicle or Submersible Operator Not Under Pressure	$69.29	15J	11U	9I	View
Divers & Tenders	Dive Master	$81.34	15J	11U	9I	View

Divers & Tenders	Dive Supervisor	$123.52	15J	11U	9I	View
Divers & Tenders	Diver (Diving)	$122.02	15J	11U	9I	View
Divers & Tenders	Diver Tender	$68.29	15J	11U	9I	View
Divers & Tenders	Manifold Operator	$68.29	15J	11U	9I	View
Divers & Tenders	Manifold Operator Mixed Gas	$72.29	15J	11U	9I	View
Divers & Tenders	ROV Operator	$68.29	15J	11U	9I	View
Divers & Tenders	ROV Tender/Technician	$64.97	15J	11U	9I	View
Divers & Tenders	Stand-By Diver	$69.29	15J	11U	9I	View
Dredge Workers	Assistant Engineer	$85.37	5D	3F		View
Dredge Workers	Assistant Mate (Deckhand)	$84.71	5D	3F		View
Dredge Workers	Boatmen	$85.37	5D	3F		View
Dredge Workers	Engineer Welder	$87.02	5D	3F		View
Dredge Workers	Leverman, Hydraulic	$88.77	5D	3F		View
Dredge Workers	Mates	$85.37	5D	3F		View
Dredge Workers	Oiler	$84.71	5D	3F		View
Drywall Applicator	Journey Level	$59.19	15O	11S		View
Drywall Tapers	Journey Level	$59.19	15O	11S		View
Electrical Fixture Maintenance Workers	Journey Level	$30.89		1		View
Electricians - Inside	Journeyman	$66.10	7G	1E		View
Electricians - Motor Shop	Craftsman	$16.66		1		View
Electricians - Motor Shop	Journey Level	$16.66		1		View
Electricians - Powerline Construction	Cable Splicer	$102.42	5A	4D		View
Electricians - Powerline Construction	Certified Line Welder	$93.99	5A	4D		View
Electricians - Powerline Construction	Groundperson	$59.30	5A	4D		View
Electricians - Powerline Construction	Heavy Line Equipment Operator	$93.99	5A	4D		View
Electricians - Powerline Construction	Journey Level Lineperson	$93.99	5A	4D		View
Electricians - Powerline Construction	Line Equipment Operator	$80.96	5A	4D		View
Electricians - Powerline Construction	Meter Installer	$59.30	5A	4D	8W	View

Electricians - Powerline Construction	Pole Sprayer	$93.99	5A	4D		View
Electricians - Powerline Construction	Powderperson	$69.84	5A	4D		View
Electronic Technicians	Journey Level	$56.78	5I	1B		View
Elevator Constructors	Mechanic	$115.14	7D	4A		View
Elevator Constructors	Mechanic In Charge	$124.53	7D	4A		View
Fabricated Precast Concrete Products	Journey Level	$20.23		1		View
Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	$20.23		1		View
Fence Erectors	Fence Erector	$51.50	7B	1M	8Z	View
Flaggers	Journey Level	$48.55	7B	1M	8Z	View
Glaziers	Journey Level	$46.70	7L	4L		View
Heat & Frost Insulators And Asbestos Workers	Journey Level	$65.80	5K	1U		View
Heating Equipment Mechanics	Journey Level	$74.38	6Z	1B		View
Hod Carriers & Mason Tenders	Journey Level	$53.84	7B	1M	8Z	View
Industrial Power Vacuum Cleaner	Journey Level	$16.66		1		View
Inland Boatmen	Journey Level	$16.66		1		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	$16.66		1		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	$16.66		1		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	$16.66		1		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	$16.66		1		View
Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	$16.66		1		View
Insulation Applicators	Journey Level	$58.42	15J	11U	9L	View
Ironworkers	Journeyman	$74.44	15K	11N		View
Laborers	Air And Hydraulic Track Drill	$52.14	7B	1M	8Z	View
Laborers	Asphalt Raker	$52.14	7B	1M	8Z	View
Laborers	Asphalt Roller, Walking	$51.82	7B	1M	8Z	View
Laborers	Brick Pavers	$51.50	7B	1M	8Z	View
Laborers	Brush Hog Feeder	$51.50	7B	1M	8Z	View

Laborers	Brush Machine	$52.14	7B	1M	8Z	View
Laborers	Caisson Worker, Free Air	$52.14	7B	1M	8Z	View
Laborers	Carpenter Tender	$51.50	7B	1M	8Z	View
Laborers	Cement Finisher Tender	$51.82	7B	1M	8Z	View
Laborers	Cement Handler	$51.50	7B	1M	8Z	View
Laborers	Chain Saw Operator & Faller	$52.14	7B	1M	8Z	View
Laborers	Clean-up Laborer	$51.50	7B	1M	8Z	View
Laborers	Compaction Equipment	$51.82	7B	1M	8Z	View
Laborers	Concrete Crewman	$51.50	7B	1M	8Z	View
Laborers	Concrete Saw, Walking	$51.82	7B	1M	8Z	View
Laborers	Concrete Signalman	$51.50	7B	1M	8Z	View
Laborers	Concrete Stack	$52.14	7B	1M	8Z	View
Laborers	Confined Space Attendant	$51.50	7B	1M	8Z	View
Laborers	Construction Specialist	$52.34	7B	1M	8Z	View
Laborers	Crusher Feeder	$51.50	7B	1M	8Z	View
Laborers	Demolition	$51.50	7B	1M	8Z	View
Laborers	Demolition Torch	$51.82	7B	1M	8Z	View
Laborers	Dope Pot Fireman, Non-mechanical	$51.82	7B	1M	8Z	View
Laborers	Driller Helper (when Required To Move & Position Machine)	$51.82	7B	1M	8Z	View
Laborers	Drills With Dual Masts	$52.46	7B	1M	8Z	View
Laborers	Dry Stack Walls	$51.50	7B	1M	8Z	View
Laborers	Dumpman	$51.50	7B	1M	8Z	View
Laborers	Erosion Control Laborer	$51.50	7B	1M	8Z	View
Laborers	Firewatch	$51.50	7B	1M	8Z	View
Laborers	Form Cleaning Machine Feeder, Stacker	$51.50	7B	1M	8Z	View
Laborers	Form Setter, Paving	$51.82	7B	1M	8Z	View
Laborers	General Laborer	$51.50	7B	1M	8Z	View
Laborers	Grade Checker	$54.43	7B	1M	8Z	View

Laborers	Grout Machine Header Tender	$51.50	7B	1M	8Z	View
Laborers	Guard Rail	$51.50	7B	1M	8Z	View
Laborers	Gunite	$52.14	7B	1M	8Z	View
Laborers	Hazardous Waste Worker (level A)	$52.46	7B	1M	8Z	View
Laborers	Hazardous Waste Worker (level B)	$52.14	7B	1M	8Z	View
Laborers	Hazardous Waste Worker (level C)	$51.82	7B	1M	8Z	View
Laborers	Hazardous Waste Worker (level D)	$51.50	7B	1M	8Z	View
Laborers	Hdpe Or Similar Liner Installer	$51.50	7B	1M	8Z	View
Laborers	High Scaler	$52.14	7B	1M	8Z	View
Laborers	Industrial Technician	$73.60	7B	1M	8Z	View
Laborers	Jackhammer Operator Miner, Class "b"	$51.82	7B	1M	8Z	View
Laborers	Laser Beam Operator	$52.14	7B	1M	8Z	View
Laborers	Miner, Class "a"	$51.50	7B	1M	8Z	View
Laborers	Miner, Class "c"	$52.14	7B	1M	8Z	View
Laborers	Miner, Class "d"	$52.46	7B	1M	8Z	View
Laborers	Monitor Operator, Air Track Or Similar Mounting	$52.14	7B	1M	8Z	View
Laborers	Mortar Mixer	$52.14	7B	1M	8Z	View
Laborers	Nipper	$51.50	7B	1M	8Z	View
Laborers	Nozzleman	$52.14	7B	1M	8Z	View
Laborers	Nozzleman, Water (to Include Fire Hose), Air Or Steam	$51.82	7B	1M	8Z	View
Laborers	Pavement Breaker, 90 Lbs. & Over	$52.14	7B	1M	8Z	View
Laborers	Pavement Breaker, Under 90 Lbs.	$51.82	7B	1M	8Z	View
Laborers	Pilot Car	$48.55	7B	1M	8Z	View
Laborers	Pipelayer	$52.14	7B	1M	8Z	View
Laborers	Pipelayer, Corrugated Metal Culvert And Multi-Plate	$52.14	7B	1M	8Z	View
Laborers	Pipewrapper	$52.14	7B	1M	8Z	View
Laborers	Plasterer Tenders	$52.14	7B	1M	8Z	View
Laborers	Pot Tender	$51.82	7B	1M	8Z	View

Laborers	Powderman	$54.05	7B	1M	8Z	View
Laborers	Powederman Helper	$51.82	7B	1M	8Z	View
Laborers	Power Buggy Operator	$51.82	7B	1M	8Z	View
Laborers	Power Tool Operator, Gas, Electric, Pneumatic	$51.82	7B	1M	8Z	View
Laborers	Rad-Con Technician	$73.60	7B	1M	8Z	View
Laborers	Railroad Equipment, Power Driven, Except Dual Mobile	$51.82	7B	1M	8Z	View
Laborers	Railroad Power Spiker Or Puller, Dual Mobile	$51.82	7B	1M	8Z	View
Laborers	Remote Equipment Operator	$52.46	7B	1M	8Z	View
Laborers	Remote Equipment Operator (i.e Compaction And Demolition)	$51.82	7B	1M	8Z	View
Laborers	Rigger/signal Person	$51.82	7B	1M	8Z	View
Laborers	Riprap Person	$51.50	7B	1M	8Z	View
Laborers	Rodder & Spreader	$51.82	7B	1M	8Z	View
Laborers	Sand Hogs Under Compressed Air Conditions	$304.86	7B	1M	8Z	View
Laborers	Sandblast Tailhoseman	$51.50	7B	1M	8Z	View
Laborers	Scaffold Erector, Wood Or Steel	$51.50	7B	1M	8Z	View
Laborers	Scaleman	$48.55	7B	1M	8Z	View
Laborers	Stake Jumper	$51.50	7B	1M	8Z	View
Laborers	Structural Mover	$51.50	7B	1M	8Z	View
Laborers	Tailhoseman (water Nozzle)	$51.50	7B	1M	8Z	View
Laborers	Timber Bucker & Faller (by Hand)	$51.50	7B	1M	8Z	View
Laborers	Track Laborer (rr)	$51.50	7B	1M	8Z	View
Laborers	Traffic Control Laborer	$48.55	7B	1M	8Z	View
Laborers	Traffic Control Supervisor	$51.50	7B	1M	8Z	View
Laborers	Trencher, Shawnee	$51.82	7B	1M	8Z	View
Laborers	Trenchless Technology Technician	$52.14	7B	1M	8Z	View
Laborers	Truck Loader	$51.50	7B	1M	8Z	View
Laborers	Truck Mounted Attenuator	$48.55	7B	1M	8Z	View

Laborers	Tugger Operator	$51.82	7B	1M	8Z	View
Laborers	Vibrators, All	$52.14	7B	1M	8Z	View
Laborers	Wagon Drills	$51.82	7B	1M	8Z	View
Laborers	Water Pipe Liner	$51.82	7B	1M	8Z	View
Laborers	Welder, Electrical, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	$52.46	7B	1M	8Z	View
Laborers	Well-point Person	$51.50	7B	1M	8Z	View
Laborers	Wheelbarrow, Power Driven	$51.82	7B	1M	8Z	View
Laborers	Window Washer, Cleaner	$48.55	7B	1M	8Z	View
Laborers - Underground Sewer & Water	General Laborer & Topman	$52.14	7B	1M	8Z	View
Laborers - Underground Sewer & Water	Pipe Layer	$52.14	7B	1M	8Z	View
Landscape Construction	Landscape Laborer	$48.55	7B	1M	8Z	View
Landscape Construction	Landscape Operator	$59.63	7Z	4S	9A	View
Landscape Maintenance	Groundskeeper	$16.66		1		View
Lathers	Journey Level	$59.19	15O	11S		View
Marble Setters	Journey Level	$59.64	5A	1M		View
Metal Fabrication (In Shop)	Fitter	$16.66		1		View
Metal Fabrication (In Shop)	Laborer	$16.66		1		View
Metal Fabrication (In Shop)	Machine Operator	$16.66		1		View
Metal Fabrication (In Shop)	Painter	$16.66		1		View
Metal Fabrication (In Shop)	Welder	$16.66		1		View
Millwright	Journey Level	$79.33	5A	1B		View
Modular Buildings	Journey Level	$16.66		1		View
Painters	Commercial Painter	$47.26	6Z	1W		View
Painters	Industrial Painter	$54.58	6Z	1W	9D	View
Pile Driver	Journey Level	$64.02	15J	11U	9L	View
Plasterers	Journey Level	$56.27	7K	1N		View
Playground & Park Equipment Installers	Journey Level	$16.66		1		View

Plumbers & Pipefitters	Journey Level	$74.03	7E	1J		View
Power Equipment Operators	A-frame Truck (2 Or More Drums)	$59.44	7Z	4S	9A	View
Power Equipment Operators	A-frame Truck (single Drum)	$58.73	7Z	4S	9A	View
Power Equipment Operators	All Tower Cranes	$64.09	7Z	4S	9A	View
Power Equipment Operators	Asphalt Plant Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Assistant Refrigeration Plant (under 1000 Ton)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Automatic Subgrader (ditches & Trimmers)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Backfillers (cleveland & Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Backhoe & Hoe Ram (under 3/4 Yd.)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Backhoe (45,000 Gw & Under)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Backhoe (45,000 Gw To 110,000 Gw)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Backhoe (over 110,000 Gw)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Backhoes & Hoe Ram (3 Yds & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Bagley Or Stationary Scraper	$58.73	7Z	4S	9A	View
Power Equipment Operators	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Batch Plant & Wet Mix Operator, Single Unit (concrete)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Batch Plant (over 4 Units)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Belt Finishing Machine	$58.73	7Z	4S	9A	View
Power Equipment Operators	Belt Loader (kocal Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Belt-crete Conveyors With Power Pack Or Similar	$59.44	7Z	4S	9A	View
Power Equipment Operators	Bending Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators	Bit Grinders	$58.36	7Z	4S	9A	View
Power Equipment Operators	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber &	$60.46	7Z	4S	9A	View

	Similar When Used As Automatic					
Power Equipment Operators	Blade Operator (motor Patrol & Attachments)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Blower Operator (cement)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Boat Operator	$58.36	7Z	4S	9A	View
Power Equipment Operators	Bob Cat (skid Steer)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Bolt Threading Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators	Boom Cats (side)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Boring Machine (earth)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Bump Cutter (wayne, Saginau Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Cableway Controller (dispatcher)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Cableway Operators	$60.46	7Z	4S	9A	View
Power Equipment Operators	Canal Lining Machine (concrete)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Carrydeck & Boom Truck (under 25 Tons)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Cement Hog	$58.73	7Z	4S	9A	View
Power Equipment Operators	Chipper (Without Crane)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Clamshell, Dragline	$62.33	7Z	4S	9A	View
Power Equipment Operators	Cleaning & Doping Machine (Pipeline)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Compactor (self-propelled With Blade)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	$58.36	7Z	4S	9A	View
Power Equipment Operators	Concrete Cleaning / Decontamination Machine Operator	$60.46	7Z	4S	9A	View
Power Equipment Operators	Concrete Pump Boom Truck	$60.14	7Z	4S	9A	View
Power Equipment Operators	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Concrete Saw (multiple Cut)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Concrete Slip Form Paver	$60.14	7Z	4S	9A	View

Power Equipment Operators	Conveyor Aggregate Delivery Systems (c.a.d.)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Crane Oiler & Cable Tender, Mucking Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators	Crane Oiler - Driver (cdl Required)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Cranes (100 to 299 Tons) All Attachments	$63.26	7Z	4S	9A	View
Power Equipment Operators	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	$59.82	7Z	4S	9A	View
Power Equipment Operators	Cranes (25 Tons To And Including 44 Tons), All Attachments Incl. Clamshell, Dragline	$60.14	7Z	4S	9A	View
Power Equipment Operators	Cranes (300 Tons and Over) All Attachments	$64.09	7Z	4S	9A	View
Power Equipment Operators	Cranes (45 Tons To 55 Tons), All Attachments Incl. Clamshell And Dragline	$60.46	7Z	4S	9A	View
Power Equipment Operators	Cranes (56 to 99 tons) and overhead, rail and Quick Tower. All attachment incl. Clamshell, Dragline	$62.33	7Z	4S	9A	View
Power Equipment Operators	Crusher Feeder	$58.36	7Z	4S	9A	View
Power Equipment Operators	Crusher, Grizzle & Screening Plant Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators	Curb Extruder (asphalt Or Concrete)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Deck Engineer	$59.44	7Z	4S	9A	View
Power Equipment Operators	Deck Hand	$58.36	7Z	4S	9A	View
Power Equipment Operators	Derricks & Stifflegs (65 Tons & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Derricks & Stifflegs (under 65 Tons)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Distributor Leverman	$58.73	7Z	4S	9A	View
Power Equipment Operators	Ditch Witch Or Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators	Dope Pots (power Agitated	$58.73	7Z	4S	9A	View
Power Equipment Operators	Dozer / Tractor (up To D-5 Or Equivalent) And Traxcavator	$59.44	7Z	4S	9A	View
Power Equipment Operators	Dozer / Tractors (d-6 & Equivalent & Over)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Dozer, 834 R/t & Similar	$60.14	7Z	4S	9A	View
Power Equipment Operators	Drill Doctor	$60.14	7Z	4S	9A	View

Power Equipment Operators	Driller Licensed	$62.33	7Z	4S	9A	View
Power Equipment Operators	Drillers Helper	$58.36	7Z	4S	9A	View
Power Equipment Operators	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Drills (churn, Core, Calyx Or Diamond)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Elevating Belt (holland Type)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Elevating Belt-type Loader (euclid, Barber Green & Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Elevating Grader-type Loader (dumor, Adams Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Elevator Hoisting Materials	$58.73	7Z	4S	9A	View
Power Equipment Operators	Equipment Serviceman, Greaser & Oiler	$59.63	7Z	4S	9A	View
Power Equipment Operators	Fireman & Heater Tender	$58.36	7Z	4S	9A	View
Power Equipment Operators	Fork Lift Or Lumber Stacker, Hydra-life & Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators	Generator Plant Engineers (diesel Or Electric)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Gin Trucks (pipeline)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Grade Checker	$59.82	7Z	4S	9A	View
Power Equipment Operators	Gunite Combination Mixer & Compressor	$59.44	7Z	4S	9A	View
Power Equipment Operators	H.d. Mechanic	$60.46	7Z	4S	9A	View
Power Equipment Operators	H.d. Welder	$60.46	7Z	4S	9A	View
Power Equipment Operators	Heavy Equipment Robotics Operator	$60.46	7Z	4S	9A	View
Power Equipment Operators	Helicopter Pilot	$62.33	7Z	4S	9A	View
Power Equipment Operators	Helper, Mechanic Or Welder, H.D	$58.36	7Z	4S	9A	View
Power Equipment Operators	Hoe Ram	$59.82	7Z	4S	9A	View
Power Equipment Operators	Hoist (2 Or More Drums Or Tower Hoist)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Hoist, Single Drum	$58.73	7Z	4S	9A	View
Power Equipment Operators	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Hydro-seeder, Mulcher, Nozzleman	$58.36	7Z	4S	9A	View

Power Equipment Operators	Lime Batch Tank Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Lime Brain Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Loaders (bucket Elevators And Conveyors)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Loaders (overhead & Front-end, Over 8 Yds.)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Loaders (overhead And Front-end, 10 Yds. & Over)	$62.33	7Z	4S	9A	View
Power Equipment Operators	Locomotive Engineer	$59.44	7Z	4S	9A	View
Power Equipment Operators	Longitudinal Float	$58.73	7Z	4S	9A	View
Power Equipment Operators	Master Environmental Maintenance Technician	$60.46	7Z	4S	9A	View
Power Equipment Operators	Mixer (portable - Concrete)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Mixermobile	$59.44	7Z	4S	9A	View
Power Equipment Operators	Mobile Crusher Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Mucking Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators	Multiple Dozer Units With Single Blade	$60.14	7Z	4S	9A	View
Power Equipment Operators	Pavement Breaker, Hydra-hammer & Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators	Paving (dual Drum)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Paving Machine (asphalt And Concrete)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Piledriving Engineers	$59.82	7Z	4S	9A	View
Power Equipment Operators	Plant Oiler	$58.36	7Z	4S	9A	View
Power Equipment Operators	Posthole Auger Or Punch	$59.44	7Z	4S	9A	View
Power Equipment Operators	Power Broom	$58.73	7Z	4S	9A	View
Power Equipment Operators	Pump (grout Or Jet)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Pumpman	$58.36	7Z	4S	9A	View

Power Equipment Operators	Quad-track Or Similar Equipment	$60.14	7Z	4S	9A	View
Power Equipment Operators	Railroad Ballast Regulation Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Railroad Power Tamper Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Railroad Tamper Jack Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Railroad Track Liner Operator (self-propelled)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Refrigeration Plant Engineer (1000 Tons & Over)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Refrigeration Plant Engineer (under 1000 Ton)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Rollerman (finishing Asphalt Pavement)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	$58.36	7Z	4S	9A	View
Power Equipment Operators	Roto Mill (pavement Grinder)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Rotomill Groundsman	$59.63	7Z	4S	9A	View
Power Equipment Operators	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Rubber-tired Skidders (r/t With Or Without Attachments)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Scrapers, All, Rubber-tired	$60.14	7Z	4S	9A	View
Power Equipment Operators	Screed Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators	Shovels (3 Yds. & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Shovels (under 3 Yds.)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Signalman (whirleys, Highline, Hammerheads Or Similar)	$59.82	7Z	4S	9A	View
Power Equipment Operators	Soil Stabilizer (p & H Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators	Spray Curing Machine (concrete)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Spreader Box (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Spreader Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators	Steam Cleaner	$58.36	7Z	4S	9A	View

Power Equipment Operators	Straddle Buggy (ross & Similar On Construction Job Only)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Surface Heater & Planer Machine	$59.63	7Z	4S	9A	View
Power Equipment Operators	Tractor (farm Type R/t With Attachments, Except Backhoe)	$58.73	7Z	4S	9A	View
Power Equipment Operators	Traverse Finish Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators	Trenching Machines (7 Ft. Depth & Over)	$60.14	7Z	4S	9A	View
Power Equipment Operators	Trenching Machines (under 7 Ft. Depth Capacity)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Tug Boat Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators	Tugger Operator	$58.73	7Z	4S	9A	View
Power Equipment Operators	Turnhead (with Re-screening)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Turnhead Operator	$59.44	7Z	4S	9A	View
Power Equipment Operators	Ultra High Pressure Wateriet Cutting Tool System Operator, (30,000 Psi)	$60.46	7Z	4S	9A	View
Power Equipment Operators	Vactor Guzzler, Super Sucker	$60.14	7Z	4S	9A	View
Power Equipment Operators	Vacuum Blasting Machine Operator	$60.46	7Z	4S	9A	View
Power Equipment Operators	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	$59.63	7Z	4S	9A	View
Power Equipment Operators	Welding Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators	Whirleys & Hammerheads, All	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	A-frame Truck (2 Or More Drums)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	A-frame Truck (single Drum)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	All Tower Cranes	$64.09	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Asphalt Plant Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Assistant Refrigeration Plant (under 1000 Ton)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Automatic Subgrader (ditches & Trimmers)	$60.14	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Backfillers (cleveland & Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoe & Hoe Ram (under 3/4 Yd.)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoe (45,000 Gw & Under)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoe (45,000 Gw To 110,000 Gw)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoe (over 110,000 Gw)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoes & Hoe Ram (3 Yds & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Bagley Or Stationary Scraper	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Batch Plant & Wet Mix Operator, Single Unit (concrete)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Batch Plant (over 4 Units)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Belt Finishing Machine	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Belt Loader (kocal Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Belt-crete Conveyors With Power Pack Or Similar	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Bending Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Bit Grinders	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Blade Operator (motor Patrol & Attachments)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Blower Operator (cement)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Boat Operator	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Bob Cat (skid Steer)	$59.44	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Bolt Threading Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Boom Cats (side)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Boring Machine (earth)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Bump Cutter (wayne, Saginau Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cableway Controller (dispatcher)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cableway Operators	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Canal Lining Machine (concrete)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Carrydeck & Boom Truck (under 25 Tons)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cement Hog	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Chipper (Without Crane)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Clamshell, Dragline	$62.33	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cleaning & Doping Machine (Pipeline)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Compactor (self-propelled With Blade)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Concrete Cleaning / Decontamination Machine Operator	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Concrete Pump Boom Truck	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Concrete Saw (multiple Cut)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Concrete Slip Form Paver	$60.14	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Conveyor Aggregate Delivery Systems (c.a.d.)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Crane Oiler & Cable Tender, Mucking Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Crane Oiler - Driver (cdl Required)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (100 to 299 Tons) All Attachments	$63.26	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (25 Tons To And Including 44 Tons), All Attachments Incl. Clamshell, Dragline	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (300 Tons and Over) All Attachments	$64.09	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (45 Tons To 55 Tons), All Attachments Incl. Clamshell And Dragline	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Cranes (56 to 99 tons) and overhead, rail and Quick Tower. All attachment incl. Clamshell, Dragline	$62.33	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Crusher Feeder	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Crusher, Grizzle & Screening Plant Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Curb Extruder (asphalt Or Concrete)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Deck Engineer	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Deck Hand	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Derricks & Stifflegs (65 Tons & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Derricks & Stifflegs (under 65 Tons)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Distributor Leverman	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Ditch Witch Or Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Dope Pots (power Agitated	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Dozer / Tractor (up To D-5 Or Equivalent) And Traxcavator	$59.44	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Dozer / Tractors (d-6 & Equivalent & Over)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Dozer, 834 R/t & Similar	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Drill Doctor	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Driller Licensed	$62.33	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Drillers Helper	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Drills (churn, Core, Calyx Or Diamond)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Elevating Belt (holland Type)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Elevating Belt-type Loader (euclid, Barber Green & Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Elevating Grader-type Loader (dumor, Adams Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Elevator Hoisting Materials	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Equipment Serviceman, Greaser & Oiler	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Fireman & Heater Tender	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Fork Lift Or Lumber Stacker, Hydra-life & Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Generator Plant Engineers (diesel Or Electric)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Gin Trucks (pipeline)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Grade Checker	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Gunite Combination Mixer & Compressor	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	H.d. Mechanic	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	H.d. Welder	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Heavy Equipment Robotics Operator	$60.46	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Helicopter Pilot	$62.33	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Helper, Mechanic Or Welder, H.D	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Hoe Ram	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Hoist (2 Or More Drums Or Tower Hoist)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Hoist, Single Drum	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Hydro-seeder, Mulcher, Nozzleman	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Lime Batch Tank Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Lime Brain Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Loaders (bucket Elevators And Conveyors)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Loaders (overhead & Front-end, Over 8 Yds.)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Locomotive Engineer	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Longitudinal Float	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Master Environmental Maintenance Technician	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Mixer (portable - Concrete)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Mixermobile	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Mobile Crusher Operator (recycle Train)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Mucking Machine	$59.44	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Multiple Dozer Units With Single Blade	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Pavement Breaker, Hydra-hammer & Similar	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Paving (dual Drum)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Paving Machine (asphalt And Concrete)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Piledriving Engineers	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Plant Oiler	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Posthole Auger Or Punch	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Power Broom	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Pump (grout Or Jet)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Pumpman	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Quad-track Or Similar Equipment	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Railroad Ballast Regulation Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Railroad Power Tamper Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Railroad Tamper Jack Operator (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Railroad Track Liner Operator (self-propelled)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Refrigeration Plant Engineer (1000 Tons & Over)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Refrigeration Plant Engineer (under 1000 Ton)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Rollerman (finishing Asphalt Pavement)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Roto Mill (pavement Grinder)	$60.14	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Rotomill Groundsman	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Rubber-tired Skidders (r/t With Or Without Attachments)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Scrapers, All, Rubber-tired	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Screed Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Shovels (3 Yds. & Over)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Shovels (under 3 Yds.)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Signalman (whirleys, Highline, Hammerheads Or Similar)	$59.82	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Soil Stabilizer (p & H Or Similar)	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Spray Curing Machine (concrete)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Spreader Box (self-propelled)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Spreader Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Steam Cleaner	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Straddle Buggy (ross & Similar On Construction Job Only)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Surface Heater & Planer Machine	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Tractor (farm Type R/t With Attachments, Except Backhoe)	$58.73	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Traverse Finish Machine	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Trenching Machines (7 Ft. Depth & Over)	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Trenching Machines (under 7 Ft. Depth Capacity)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Tug Boat Operator	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Tugger Operator	$58.73	7Z	4S	9A	View

Power Equipment Operators-Underground Sewer & Water	Turnhead (with Re-screening)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Turnhead Operator	$59.44	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Ultra High Pressure Wateriet Cutting Tool System Operator, (30,000 Psi)	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Vactor Guzzler, Super Sucker	$60.14	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Vacuum Blasting Machine Operator	$60.46	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	$59.63	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Welding Machine	$58.36	7Z	4S	9A	View
Power Equipment Operators-Underground Sewer & Water	Whirleys & Hammerheads, All	$60.46	7Z	4S	9A	View
Power Line Clearance Tree Trimmers	Journey Level In Charge	$64.20	5A	4A		View
Power Line Clearance Tree Trimmers	Spray Person	$60.74	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Equipment Operator	$64.20	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Trimmer	$57.29	5A	4A		View
Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	$43.05	5A	4A		View
Refrigeration & Air Conditioning Mechanics	Journey Level	$72.57	7E	1J		View
Residential Brick Mason	Journey Level	$22.50		1		View
Residential Carpenters	Journey Level	$31.62		1		View
Residential Cement Masons	Journey Level	$30.58		1		View
Residential Drywall Applicators	Journey Level	$26.29		1		View
Residential Drywall Tapers	Journey Level	$53.68	7E	1P		View
Residential Electricians	Journey Level	$40.04	5I	1E		View
Residential Glaziers	Journey Level	$30.82		1		View
Residential Insulation Applicators	Journey Level	$32.31		1		View
Residential Laborers	Journey Level	$21.15		1		View
Residential Marble Setters	Journey Level	$59.64	5A	1M		View
Residential Painters	Journey Level	$30.66		1		View

Residential Plumbers & Pipefitters	Journey Level	$32.45		1	View
Residential Refrigeration & Air Conditioning Mechanics	Journey Level	$64.77		1	View
Residential Sheet Metal Workers	Journey Level (Field or Shop)	$71.88	5I	1B	View
Residential Soft Floor Layers	Journey Level	$17.05		1	View
Residential Sprinkler Fitters (Fire Protection)	Journey Level	$35.04		1	View
Residential Stone Masons	Journey Level	$59.64	5A	1M	View
Residential Terrazzo Workers	Journey Level	$20.61		1	View
Residential Terrazzo/Tile Finishers	Journey Level	$25.58		1	View
Residential Tile Setters	Journey Level	$20.61		1	View
Roofers	Journey Level	$48.54	5I	1R	View
Roofers	Using Irritable Bituminous Materials	$50.54	5I	1R	View
Sheet Metal Workers	Journey Level (Field or Shop)	$74.38	6Z	1B	View
Sign Makers & Installers (Electrical)	Journey Level	$16.66		1	View
Sign Makers & Installers (Non-Electrical)	Sign Installer	$19.12		1	View
Sign Makers & Installers (Non-Electrical)	Sign Maker	$16.66		1	View
Soft Floor Layers	Journey Level	$59.52	7C	3J	View
Solar Controls For Windows	Journey Level	$16.66		1	View
Sprinkler Fitters (Fire Protection)	Journey Level	$69.91	7J	1R	View
Stage Rigging Mechanics (Non Structural)	Journey Level	$16.66		1	View
Stone Masons	Journey Level	$59.64	5A	1M	View
Street And Parking Lot Sweeper Workers	Journey Level	$20.47		1	View
Surveyors	All Classifications	$19.84	0	1	View
Telecommunication Technicians	Journey Level	$56.78	5I	1B	View
Telephone Line Construction - Outside	Cable Splicer	$41.35	5A	2B	View
Telephone Line Construction - Outside	Hole Digger/Ground Person	$27.31	5A	2B	View
Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	$34.53	5A	2B	View
Telephone Line Construction - Outside	Telephone Lineperson	$39.07	5A	2B	View

Terrazzo Workers	Journey Level	$43.81	5A	1M		View
Tile Setters	Journey Level	$43.81	5A	1M		View
Tile, Marble & Terrazzo Finishers	Journey Level	$35.93	5A	1M		View
Traffic Control Stripers	All cleanup required in connection with traffic control stripers work (Group 1)	$92.44	15L	1K		View
Traffic Control Stripers	Handling, painting and installing of all car stops, stop signs and any other type sign (Group 2)	$55.54	15L	1K		View
Traffic Control Stripers	Installation of guard rail and posts and similar protective devices (Group 2)	$55.54	15L	1K		View
Traffic Control Stripers	Installation of parking gates, ticket spitters and other mechanical and automatic control devices (Group 2)	$55.54	15L	1K		View
Traffic Control Stripers	Installation of plastic metal or composition button, or lines used instead of paint (Group 1)	$92.44	15L	1K		View
Traffic Control Stripers	Line removal; chemical sand and hydro-blast, paint and button (Group 1)	$92.44	15L	1K		View
Traffic Control Stripers	Manufacturing and installation of all car stops and control devices and similar traffic regulators (Group 2)	$55.54	15L	1K		View
Traffic Control Stripers	Manufacturing, painting, stenciling, servicing, repairing, placing and removal of traffic safety and control devices/barricades (Group 2)	$55.54	15L	1K		View
Traffic Control Stripers	Painting and installing lines, arrows, bumpers, curbs, etc., on parking lots, air fields, highways, game courts (Group 1)	$92.44	15L	1K		View
Traffic Control Stripers	Preparation and maintenance of all surfaces (Group 1)	$92.44	15L	1K		View
Traffic Control Stripers	Seal coating, slurry coating and other surface protection (Group 2)	$55.54	15L	1K		View
Truck Drivers	Asphalt Mix Over 20 Yards	$59.45	5D	1V	8M	View
Truck Drivers	Asphalt Mix To 20 Yards	$59.25	5D	1V	8M	View
Truck Drivers	Dump Truck	$59.25	5D	1V	8M	View
Truck Drivers	Dump Truck & Trailer	$59.45	5D	1V	8M	View
Truck Drivers	Other Trucks	$59.14	5D	1V	8M	View
Truck Drivers - Ready Mix	Transit Mixers 20 yards and under	$59.45	5D	1V	8M	View
Truck Drivers - Ready Mix	Transit Mixers over 20 yards	$59.79	5D	1V	8M	View

Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	$21.00	**1**	**View**
Well Drillers & Irrigation Pump Installers	Oiler	$16.66	**1**	**View**
Well Drillers & Irrigation Pump Installers	Well Driller	$18.00	**1**	**View**

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Overtime Codes

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

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

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

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

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

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

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

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

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

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

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

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

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

Overtime Codes Continued

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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

Overtime Codes Continued

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

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

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

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

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

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

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

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

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

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

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

Overtime Codes Continued

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

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

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

S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).

All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus $2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

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

Overtime Codes Continued

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

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

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

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

Overtime Codes Continued

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

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

   C The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

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

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

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

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

Overtime Codes Continued

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

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

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

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.

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

All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

J. All hours worked on holidays shall be paid at double the hourly rate of wage.

K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.

L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar ($2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

Overtime Codes Continued

11. M. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.

Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars ($2.00) per hour.

N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.

Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

O. All work performed on Saturdays, Sundays, and Holidays shall be paid at one and one half (1-1/2) times the straight time rate of pay.

Overtime Codes Continued

11. P. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 a.m. to 6:00 p.m., then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shifts shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten-hour shifts.

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

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

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

Q. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 35% over the hourly rate of wage. Work performed on Sundays shall be paid at double time. All hours worked on holidays shall be paid at double the hourly rate of wage.

R On Monday through Saturday hours worked outside 6:00 am and 7:00 pm, and all hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

When a holiday falls on a Saturday, the Friday before shall be the observed holiday. When a holiday falls on a Sunday, the following Monday shall be the observed holiday.

S. The first ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions, or other conditions beyond the control of the Employer, then Saturday may be worked at the straight time rate, for the first eight (8) hours, or the first ten (10) hours when a four day ten hour workweek has been established.

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

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

11. T. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay.

All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

U. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.

On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay.

All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

If, due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift, then a Special Shift may be worked, Monday through Friday, at the straight-time rate. The starting time of work for the Special Shift will be arranged to fit such conditions of work. Such Special Shift shall consist of eight (8) hours of work for eight (8) hours of pay or ten (10) hours of work for ten(10) hours of pay on a four-ten workday schedule.

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).

Holiday Codes Continued

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

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

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

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

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

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

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

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

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

Holiday Codes Continued

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

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

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

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

Holiday Codes Continued

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

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

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

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

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

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

Holiday Codes Continued

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

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

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

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

Holiday Codes Continued

7. 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.

Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Holiday Codes Continued

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

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

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

J. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

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

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

M. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

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

O. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, the day before Christmas day, and Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

Note Codes

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

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

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

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

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

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

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

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

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

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

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

Note Codes Continued

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

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

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

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

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

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

Note Codes Continued

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

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

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

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

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

Note Codes Continued

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

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

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

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

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

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

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

H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

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

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

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

Employees may be required to perform any combination of work within the Diving team/crew, (with the exception of dive Supervisor) provided they are paid at the highest rate at which he/she has worked for the shift.

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

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

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

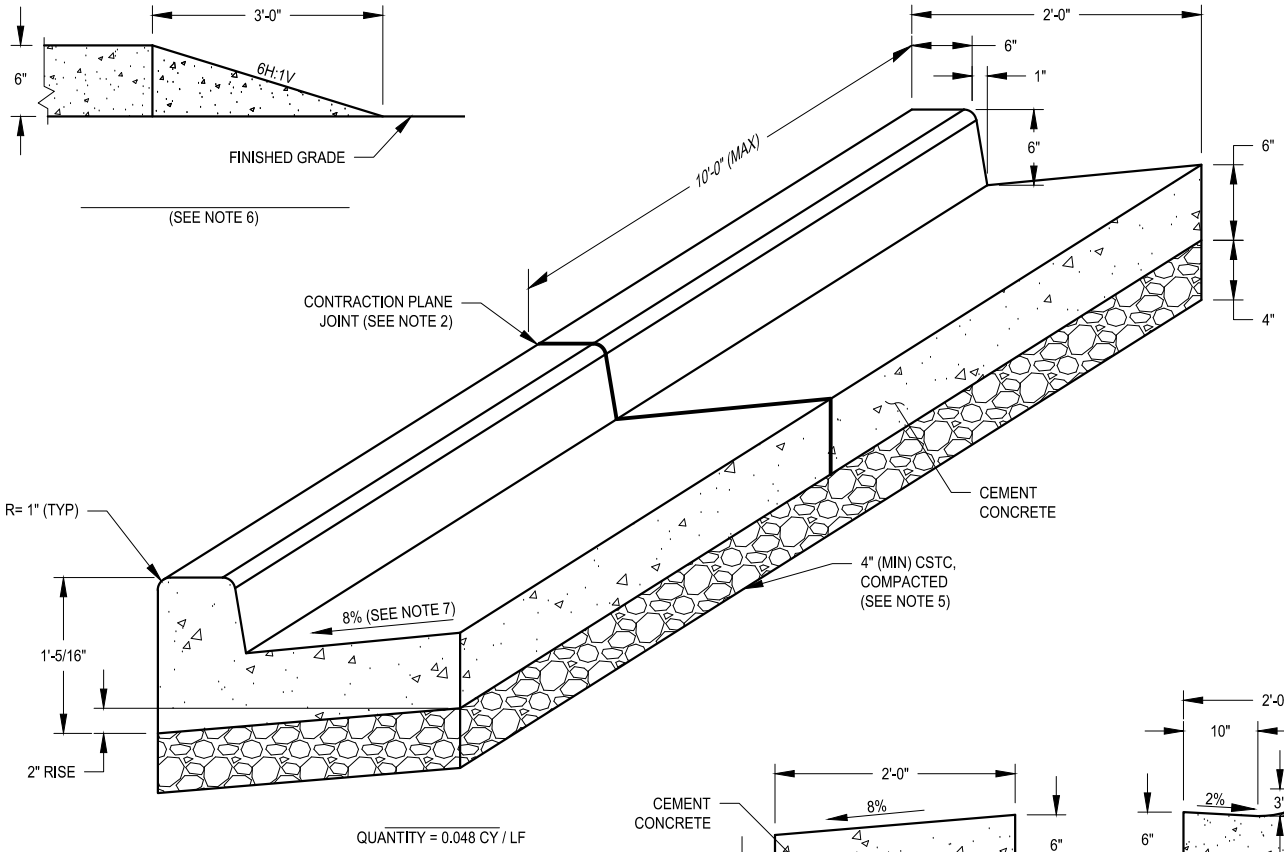
APPENDIX B
STANDARD PLANS

Spokane Valley Standard Plans

- R-102 Curbing
- R-103 Sidewalk
- R-109 Pedestrian Ramps
- R-113 Residential Concrete Approach Adjacent Sidewalk
- R-139 Sign and Post Installation
- R-140 Street Signs Arterial Intersections
- S-102 Precast Drywells Placed in Asphalt
- S-103 Drywell Details
- S-104 Drywell Frame and Grates
- S-105 Precast Riser Details
- S-106 Utility Cover Adjustment
- S-112 Catch Basin Type 1
- S-113 Concrete Inlet Type 1
- S-115 Combination Inlet
- S-117 Catch Basin & Inlet Installation
- S-121 Metal Grate Type 1 (Bypass)
- S-122 Metal Grate Type 3 (Sump)

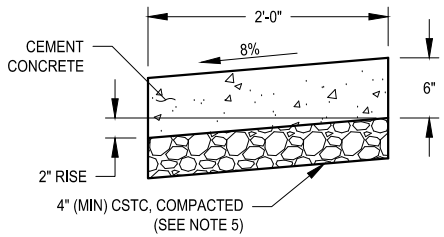
WSDOT Standard Plans

- B-10.20-03 Catch Basin Type 2
- B-30.10-03 Rectangular Frame (Reversible)
- B-35.40-00 Grate Inlet Type 2
- B-40.40-02 Frame and Dual Vaned Grate for Grate Inlet
- F-45.10-05 Detectable Warning Surface
- I-40.20-00 Storm Drain Inlet Protection
- M-3.40-04 Two-Way Left-Turn and Median Channelization
- M-15.10-02 Crosswalk Layout
- M-20.10-04 Longitudinal Marking Patterns
- M-20.30-05 Longitudinal Marking Supplement with Raised Pavement Markers
- M-24.40-02 Symbol Markings-Traffic Arrows for Low-Speed Roadways
- M-24.60-04 Symbol Markings Miscellaneous
- M-9.50-02 Bicycle Lane Symbol Layout



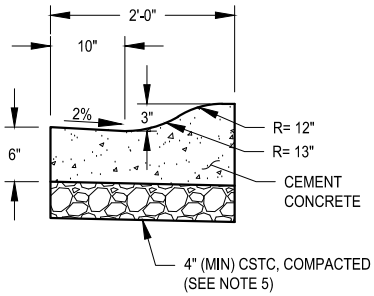
GENERAL NOTES:

1. CEMENT CONCRETE SHALL BE CLASS 4,000 CONCRETE PER SECTION 6-02 OF THE WSDOT STANDARD SPECIFICATIONS.
2. CONTRACTION PLANE JOINTS FOR CEMENT CONCRETE SHALL BE PLACED AT 2 TIMES SIDEWALK WIDTH OR 10' MAXIMUM AND SHALL MATCH SCORES IN SIDEWALK WHERE APPLICABLE.
3. 3/8" EXPANSION MATERIAL SHALL BE PLACED AT ALL CURB RETURNS AND AT ANY STRUCTURE. MAXIMUM 100' SPACING. EXPANSION JOINT SHALL EXTEND THE FULL CONCRETE DEPTH.
4. TYPES A, C, R AND S CURBS TO BE USED ONLY IN SPECIAL CASES WITH APPROVAL OF THE CITY ENGINEER.
5. SUBGRADE AND CSTC UNDER ALL CURBING SHALL BE COMPACTED TO 95%.
6. TRANSITION CURB END TO FINISHED GRADE BY SLOPING TOP OF CURB @ 6H:IV.
7. FOR "SPILL" CURB APPLICATIONS, GUTTER SHALL SLOPE AWAY FROM CURB AT 2%.
8. PROVIDE TYPE 1 INLETS AT LOW POINTS SIMILAR TO STANDARD PLAN S-110 AND SPOKANE REGIONAL STORMWATER MANUAL.
9. PEDESTRIAN CURB TO BE USED ONLY AT PEDESTRIAN CURB RAMPS AND LANDINGS.
10. ALL BROKEN, CRACKED, HEAVED, AND SUNKEN CURB SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT.
11. EXCEPT FOR JOINTS AND BROOM FINISHING, NO OTHER MARKINGS ARE PERMITTED ON THE FINISHED SURFACE.
12. NO NEW UTILITY COVERS, BOXES, LIDS, OTHER THAN STORM STRUCTURES SHALL BE LOCATED WITHIN THE CURB AND GUTTER.



TYPE "S"

QUANTITY = 0.037 CY / LF (SEE NOTES 4 & 8)



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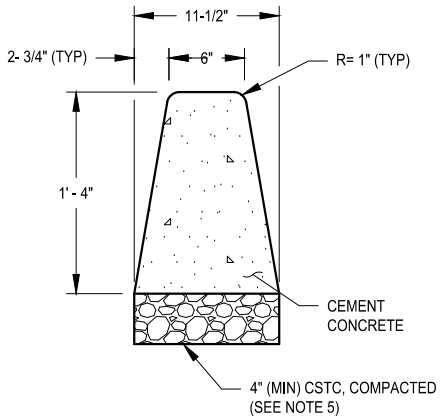

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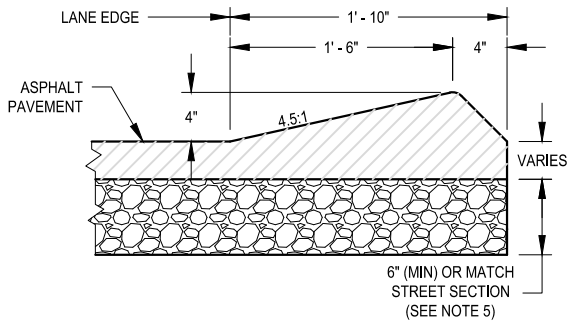

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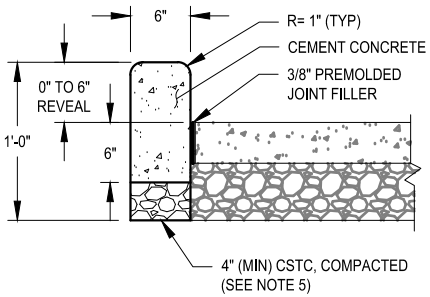


(SEE NOTE 9)

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

CURBING

STANDARD PLAN NO. R-102

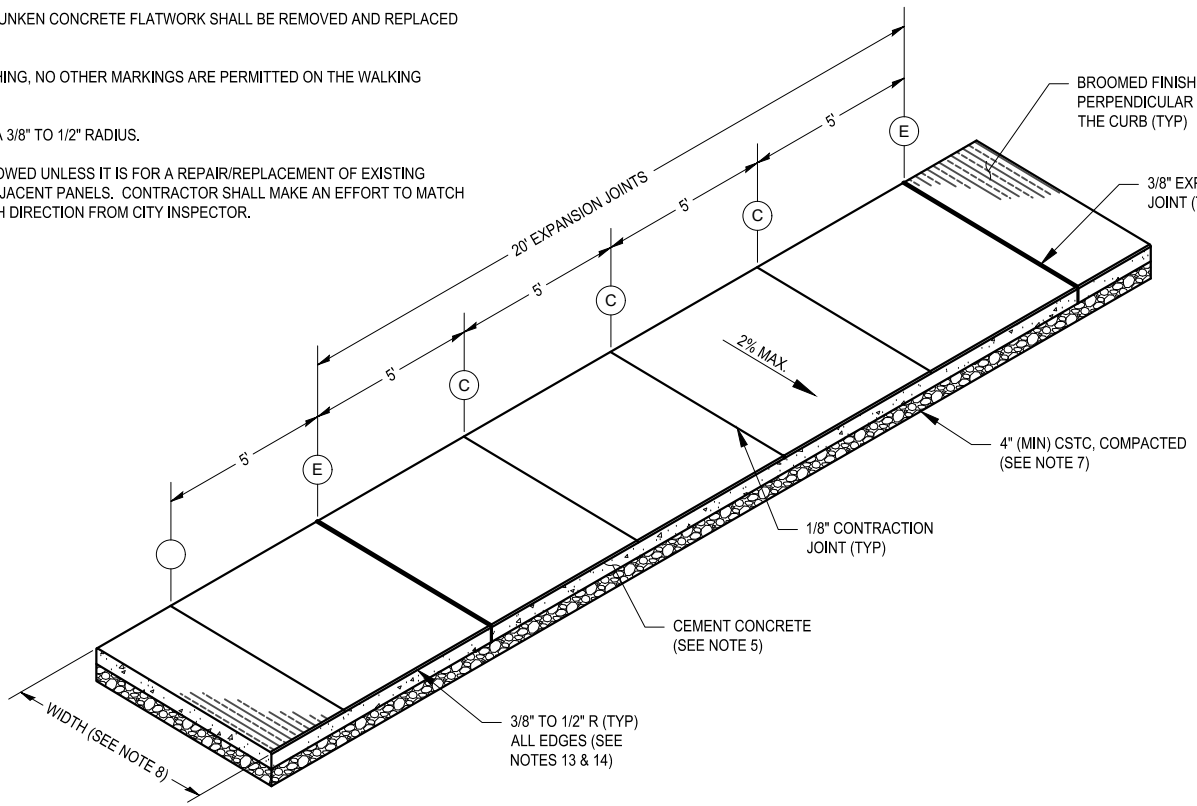
PUBLICATION DATE:	03/2025
REVISION NO.:	02

CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

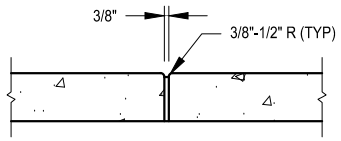
TYPE "A"

GENERAL NOTES:

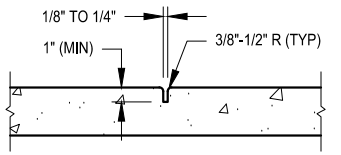
1. CONTRACTION JOINTS SHALL BE PLACED EVERY 5' AND MATCH CURB JOINTS WHEN ADJACENT TO CURB.
2. 3/8" EXPANSION JOINTS SHALL BE PLACED EVERY 20' WITH FELT EXPANSION MATERIAL EXTENDING THE FULL SIDEWALK DEPTH.
3. 3/8" EXPANSION MATERIAL SHALL BE REQUIRED BETWEEN SIDEWALK AND DRIVEWAYS AND/OR DRIVEWAY APPROACH. EXPANSION JOINT MATERIAL SHALL BE SECURED IN PLACE PRIOR TO CONCRETE PLACEMENT AND SHALL COMPLETELY SEPARATE ADJACENT SLABS EXTENDING FROM THE SURFACE TO GRAVEL BASE. PLACEMENT OF EXPANSION JOINT MATERIAL SHALL NOT BE FLOATED OR PRESSED INTO WET CONCRETE AFTER CONCRETE HAS BEEN PLACED.
4. SIDEWALK SHALL SLOPE TOWARDS THE CURB AT 1% TO 2% MAX.
5. SIDEWALKS SHALL BE 6 INCHES IN DEPTH WITHIN CURB RETURNS OF ALL INTERSECTIONS CLASSIFIED AS ARTERIALS OR COLLECTORS. SIDEWALKS SHALL BE 6 INCHES IN DEPTH AS PART OF A DRIVEWAY. SIDEWALKS SHALL BE A MINIMUM OF 4 INCHES IN DEPTH AT ALL OTHER LOCATIONS.
6. STREET SIDE TOP OF WALK SHALL BE LEVEL WITH TOP OF CURB. WHERE TYPE 'S' CURBING IS USED WITH SEPARATED SIDEWALKS AND SWALES, THE STREET SIDE TOP OF WALK SHALL BE SET LEVEL WITH THE STREET SIDE TOP OF TYPE 'S' CURB.
7. SUBGRADE AND CSTC UNDER ALL SIDEWALKS SHALL BE COMPACTED TO 95%.
8. REFER TO TABLES 7.2 & 7.3 IN THE SPOKANE VALLEY STREET STANDARDS FOR SIDEWALK WIDTH.
9. MAXIMUM LONGITUDINAL GRADE OF SIDEWALK IS 5% OR MATCH STREET GRADE, IF ADJACENT.
10. CEMENT CONCRETE SHALL BE CLASS 4,000 CONCRETE PER SECTION 6-02 OF THE WSDOT STANDARD SPECIFICATIONS.
11. ALL BROKEN, CRACKED, HEAVED AND SUNKEN CONCRETE FLATWORK SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT.
12. EXCEPT FOR JOINTS AND BROOM FINISHING, NO OTHER MARKINGS ARE PERMITTED ON THE WALKING SURFACE.
13. ALL PANEL SHALL BE TROWELED WITH A 3/8" TO 1/2" RADIUS.
14. PERIMETER EDGING SHALL NOT BE ALLOWED UNLESS IT IS FOR A REPAIR/REPLACEMENT OF EXISTING PANELS AND ONLY WHEN MATCHING ADJACENT PANELS. CONTRACTOR SHALL MAKE AN EFFORT TO MATCH EXISTING PANELS IN ACCORDANCE WITH DIRECTION FROM CITY INSPECTOR.



ISOMETRIC VIEW



E EXPANSION JOINT DETAIL



C

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

SIDEWALK

STANDARD PLAN NO. R-103

PUBLICATION DATE:	03/2025
REVISION NO.:	02

CREATION: 3/20/2025. REVISED: 3/20/2025 BY: JMORSE

CONTRACTION JOINT ROW

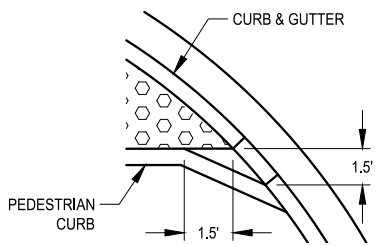
GENERAL NOTES:

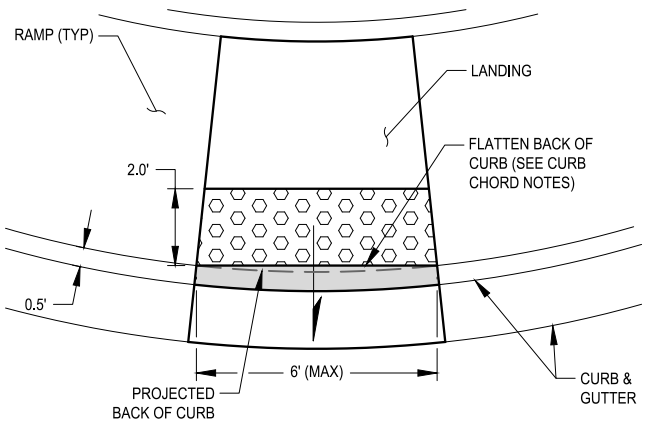
1. CURB RAMPS AND RELATED INFRASTRUCTURE SHALL CONFORM WITH THE CURRENT AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN GUIDELINES.
2. THE LONGITUDINAL SLOPE OF THE CROSSWALK (MARKED OR UNMARKED) SHALL NOT EXCEED 5%.THE CROSS SLOPE SHALL BE 2% MAXIMUM UNLESS CONTAINED IN A STREET WITHOUT YIELD OR STOP CONTROL, THEN MAXIMUM CROSS SLOPE IS 5%.
3. THE LONGITUDINAL SLOPE OF THE CURB RAMP SHALL BE 0.5% MINIMUM AND 8.33% MAXIMUM, BUT THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. IF THE RAMPS MAXIMUM LENGTH OF 15 FEET IS APPLYING, THE LONGITUDINAL SLOPE IS ALLOWED TO EXCEED 8.33%. THE MAXIMUM CROSS SLOPE SHALL BE 2%.
4. LANDINGS SHALL PROVIDE A 4-FOOT x 5-FOOT TURNING SPACE WITH A 0.5% TO 2.0% SLOPE IN EACH DIRECTION. TURNING SPACES MAY OVERLAP WITH OTHER TURNING SPACES AND CLEAR SPACES.
5. MAXIMUM SLOPES ARE STRICTLY ENFORCED. EXCEEDING THE MAXIMUM SLOPES WILL REQUIRE REMOVAL AND RECONSTRUCTION
6. ALL BROKEN, CRACKED, HEAVED AND SUNKEN CONCRETE SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT.
7. VERTICAL SURFACE DISCONTINUITIES SHALL BE 1/2" MAXIMUM. VERTICAL SURFACE DISCONTINUITIES BETWEEN 1/4" TO 1/2" SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 2H:1V.
8. GRADE BREAKS SHALL NOT BE ALLOWED ON THE SURFACE OF CURB RAMPS OR LANDINGS. GRADE BREAKS SHALL BE PERPENDICULAR TO THE DIRECTION OF TRAVEL.
9. DRAINAGE STRUCTURES, JUNCTIONS BOXES, OR OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN FRONT OF RAMPS
10. CEMENT CONCRETE SHALL BE CLASS 4,000 CONCRETE PER SECTION 6-02 OF THE WSDOT STANDARD SPECIFICATIONS.
11. PEDESTRIAN RAMPS, LANDINGS AND SIDEWALK ADJACENT TO THE CURB SHALL BE 6" THICK WHEN LOCATED WITHIN CURB RETURN.
12. SUBGRADE AND CSTC UNDER ALL RAMPS SHALL BE COMPACTED TO 95%.
13. ALL PANEL EDGES SHALL BE TROWELED WITH 3/8" TO 1/2" RADIUS.
14. PERIMETER EDGING SHALL NOT BE ALLOWED UNLESS IT IS FOR A REPAIR/REPLACEMENT OF EXISTING PANELS AND ONLY WHEN MATCHING ADJACENT PANELS. CONTRACTOR SHALL MAKE AN EFFORT TO MATCH EXISTING PANELS IN ACCORDANCE WITH DIRECTION FROM CITY INSPECTOR.
15. EXCEPT FOR JOINTS AND BROOM FINISHING, NO OTHER MARKINGS ARE PERMITTED ON THE WALKING SURFACE.
16. PEDESTRIAN CURB MAY BE OMITTED IF THE GROUND SURFACE AT THE BACK OF THE CURB RAMP AND/OR LANDING WILL BE AT THE SAME ELEVATION AS THE CURB RAMP OR LANDING AND THERE WILL NOT BE MATERIAL TO RETAIN.
17. PROVIDE FLARED SIDES ON PERPENDICULAR OR COMBINATION CURB RAMPS WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE RAMP. THE FLARED SIDES ARE PART OF THE PEDESTRIAN CIRCULATION PATH, BUT ARE NOT PART OF THE PEDESTRIAN ACCESS ROUTE. THE SLOPE OF THE FLARED SIDES IS MEASURED PARALLEL TO THE CURB LINE. FLARED SIDES ARE NOT NEEDED OR MAY BE STEPPER WHEN THE PEDESTRIAN CIRCULATION PATH DOES NOT CROSS THE RAMP.
18. DETECTABLE WARNING SURFACES SHALL BE FEDERAL YELLOW IN COLOR. DETECTABLE WARNING SURFACES SHALL BE CAST IN PLACE OR LIQUID APPLIED.
19. DETECTABLE WARNING SURFACES SHALL BE 24" MINIMUM IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP, LANDING OR OTHER ROADWAY ENTRANCE.
20. THE SIZE AND SPACING OF TRUNCATED DOMES SHALL BE PER WSDOT STANDARD PLAN F-45.10
21. THE ROWS OF TRUNCATED DOMES SHALL BE ALIGNED TO BE PARALLEL TO THE DIRECTION OF TRAVEL AND PERPENDICULAR TO THE GRADE BREAK AT THE BACK OF CURB.
22. WHEN THE GRADE BREAK BETWEEN THE CURB RAMP AND THE LANDING IS LESS THAN OR EQUAL TO 5 FEET FROM THE BACK OF CURB AT ALL POINTS, PLACE THE DETECTABLE WARNING SURFACE ON THE BOTTOM OF THE CURB RAMP DIRECTLY ABOVE THE GRADE BREAK.

CURB CHORD NOTES:

1. DETECTABLE WARNING SURFACE SHALL BE PLACED ADJACENT TO THE BACK OF CURB AND WITH NO MORE THAN A 2 INCH GAP BETWEEN THE DWS AND THE BACK OF CURB.
2. FOR RAMPS LOCATED WITHIN A CURB RETURN AND WIDER THAN 6 FEET THE DETECTABLE WARNING SURFACES MUST BE LIQUID APPLIED.
3. FOR RAMPS LOCATED WITHIN LARGER CURB RETURNS (>20FT RADIUS) AND 6 FEET IN WIDTH OR LESS, THE BACK OF CURB MAY BE CONSTRUCTED AS A CHORD/STRAIGHT LINE TO ADHERE TO THE 2 INCH GAP REQUIREMENT.

RAMP REQUIREMENTS			
	RECOMMENDED	MINIMUM	MAXIMUM
FLARED SIDE SLOPE (%)	9.5	0.5	10
FLARED SIDE LENGTH (FT)		5	15
RAMP SLOPE (%)	7	0.5	8.33*
RAMP CROSS SLOPE (%)	1	0.5	2*
RAMP LENGTH (FT)		6	15
RAMP WIDTH (FT)		4	-
LANDING WIDTH (FT)		5'	-
LANDING SLOPE (%)	1	0.5	2*
GUTTER SLOPE (%)	4	2	5
CHANGE IN LEVEL (IN)	FLUSH		0.5", SEE NOTE 2
*ADA REQUIREMENT			





CURB CHORD DETAIL

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

PEDESTRIAN RAMPS NOTES AND DETAILS

STANDARD PLAN NO. R-109

PUBLICATION DATE:	03/2025
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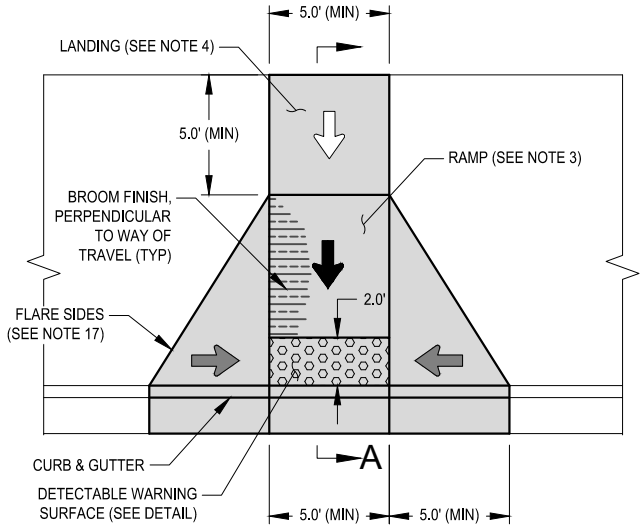
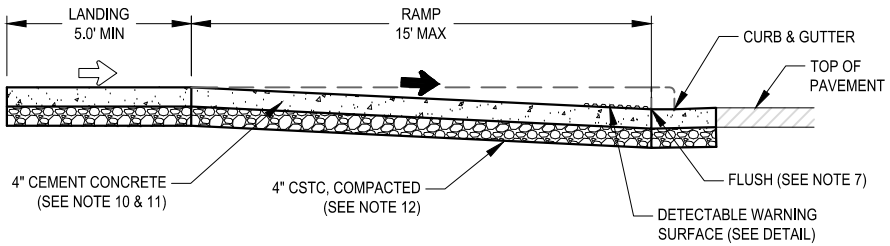
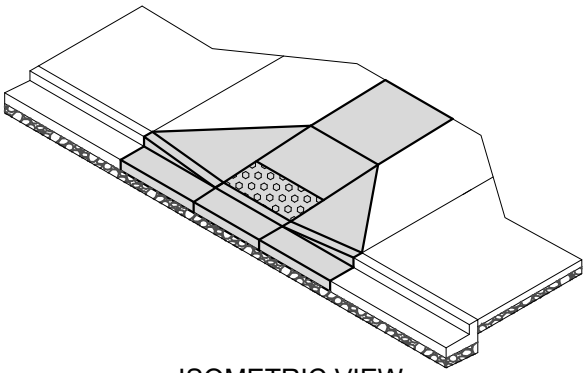
APPROVED BY: PUBLIC WORKS DIRECTOR



PLAN VIEW



SECTION A-A



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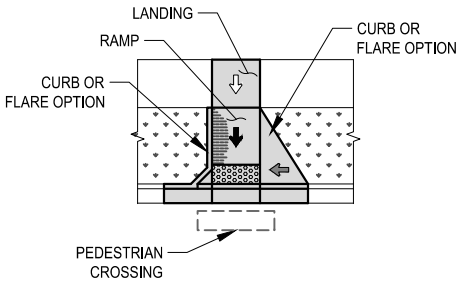

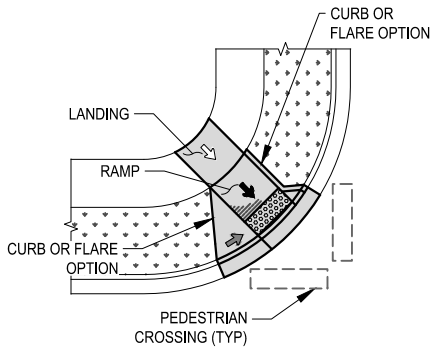

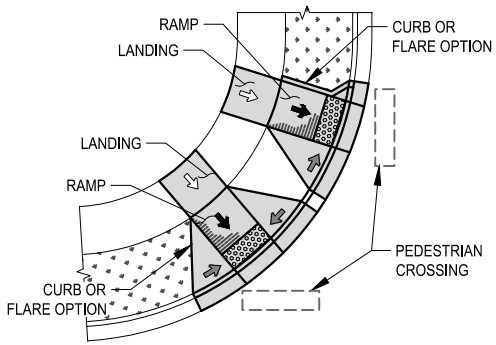

NOTE: TREAT AS TWO SEPARATE CURB RAMPS

EXAMPLE APPLICATIONS

1.0% TO 2.0%

5.0% TO 8.3% RUNNING SLOPE
2.0% OR FLATTER CROSS SLOPE

10.0% OR FLATTER SLOPE

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

PEDESTRIAN RAMPS PERPENDICULAR

STANDARD PLAN NO. R-109

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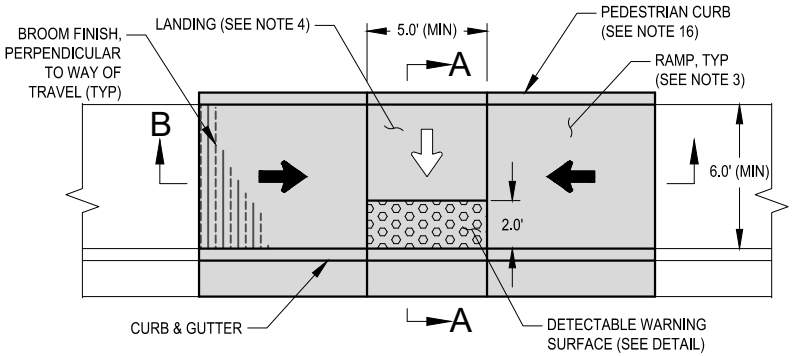
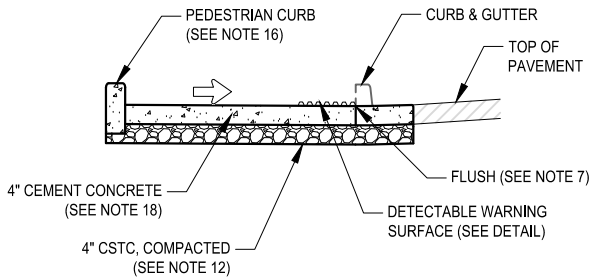
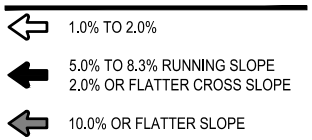
APPROVED
PUBLIC WORKS DIRECTOR

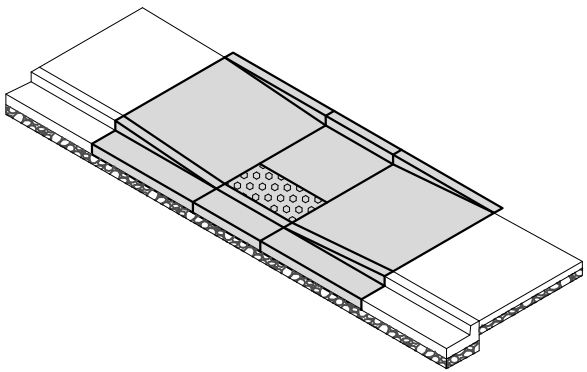


PLAN VIEW



SECTION A-A





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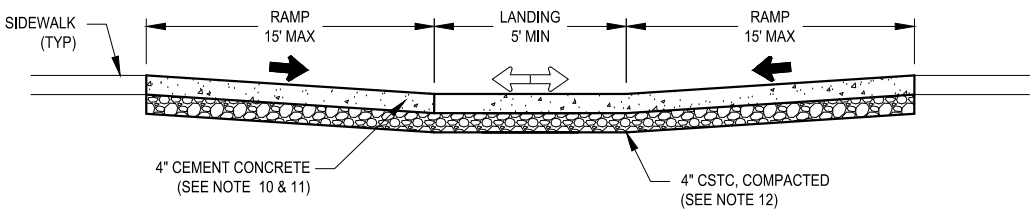

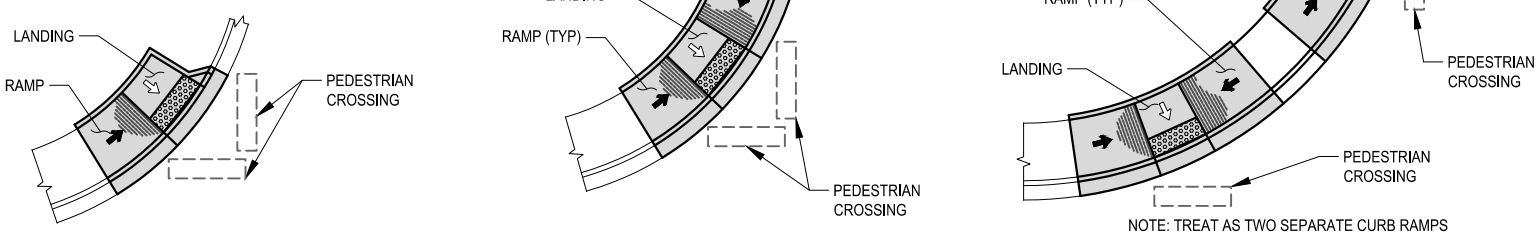

NOTE: TREAT AS TWO SEPARATE CURB RAMPS

EXAMPLE APPLICATIONS

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

PEDESTRIAN RAMPS PARALLEL

STANDARD PLAN NO. R-109

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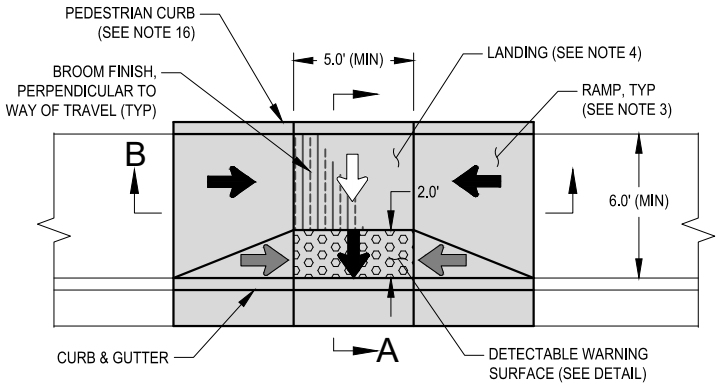
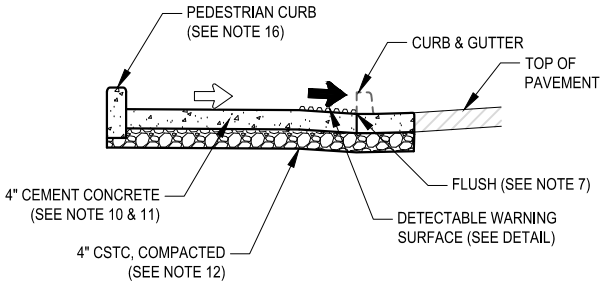
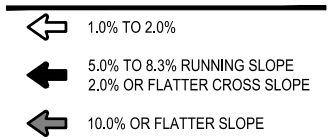
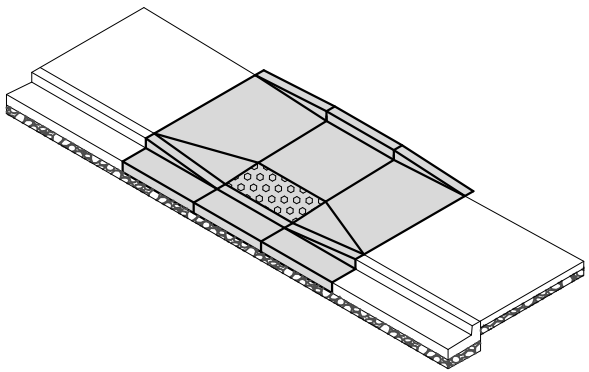
DIRECTOR



PLAN VIEW







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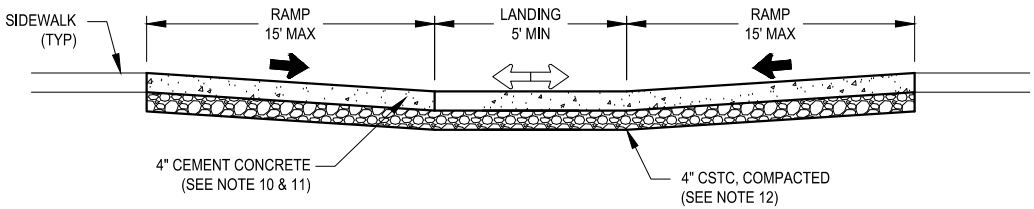
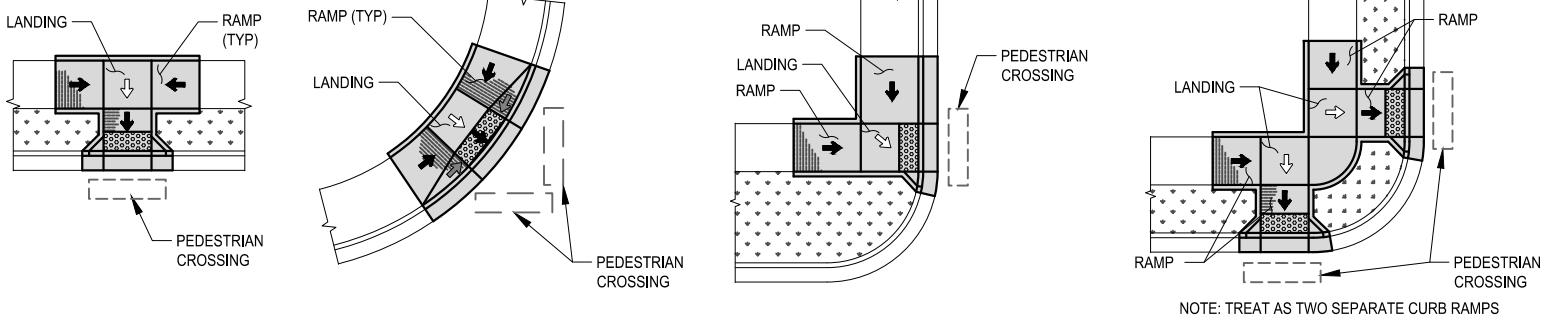


SECTION B-B



NOTE: TREAT AS TWO SEPARATE CURB RAMPS

EXAMPLE APPLICATIONS

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

PEDESTRIAN RAMPS COMBINATION

STANDARD PLAN NO. R-109

PUBLICATION DATE:	03/2025
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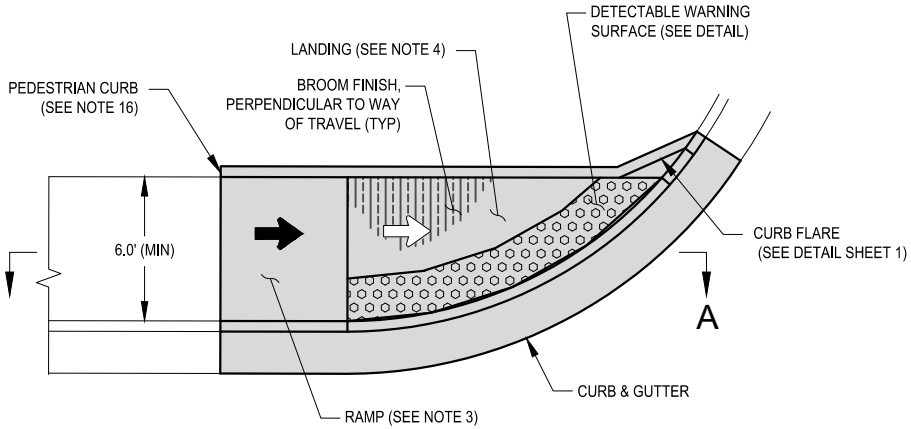
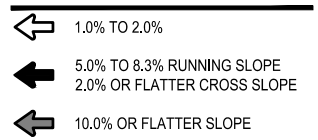
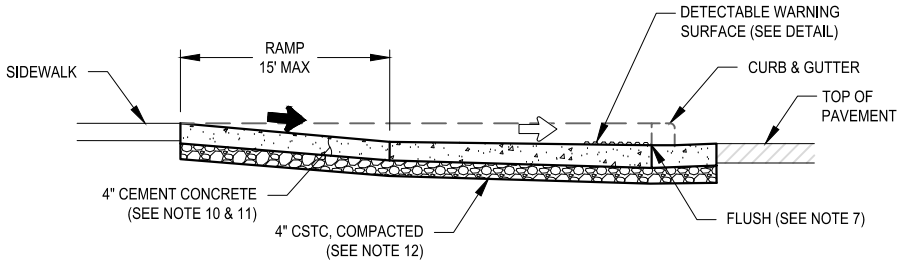
APPROVED
PUBLIC WORKS DIRECTOR

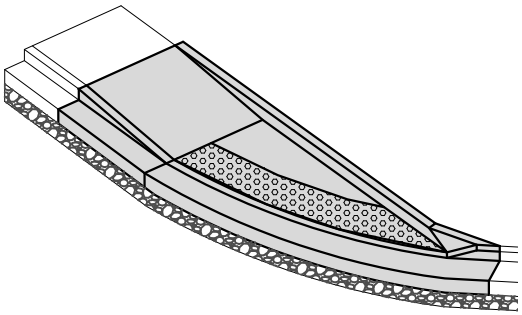


PLAN VIEW





SECTION A-A



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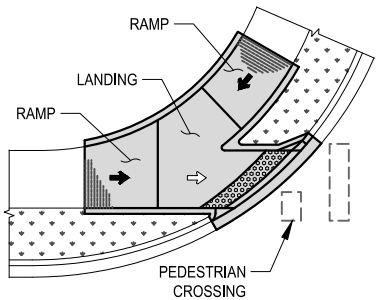
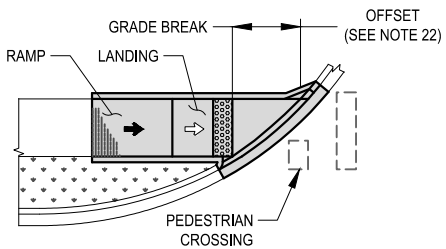
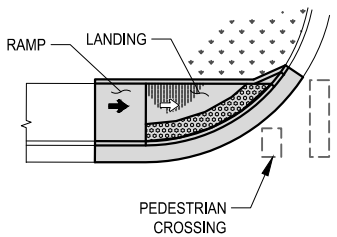






EXAMPLE APPLICATIONS

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

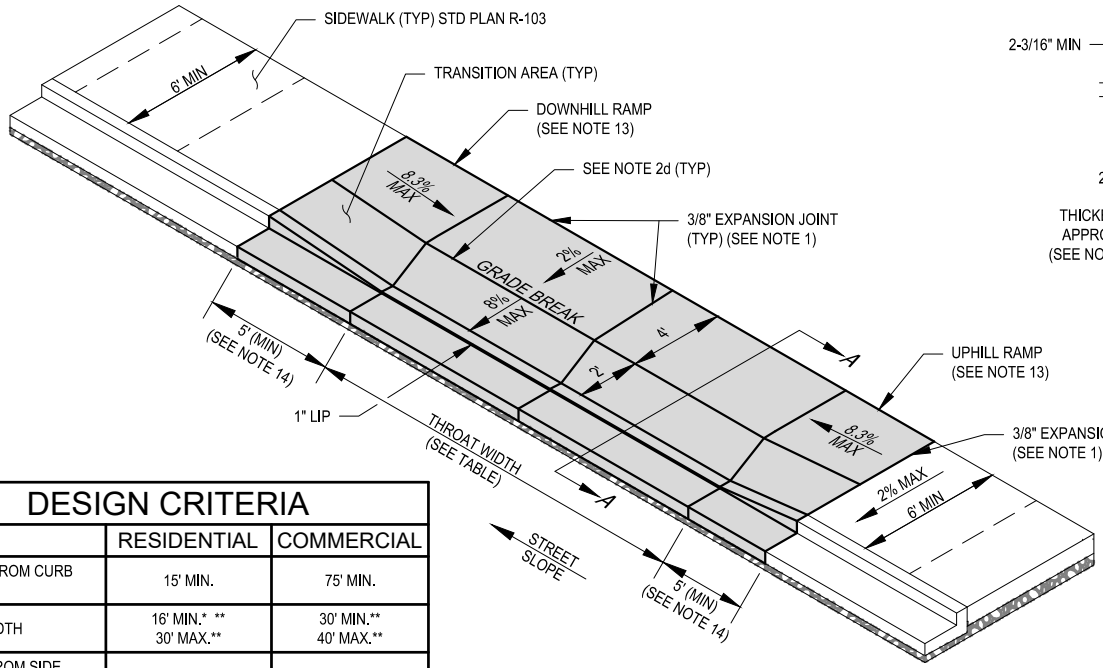
PEDESTRIAN RAMPS SINGLE DIRECTION

STANDARD PLAN NO. R-109

PUBLICATION DATE:	03/2025
REVISION NO.:	02

CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

APPROVED
PUBLIC WORKS DIRECTOR



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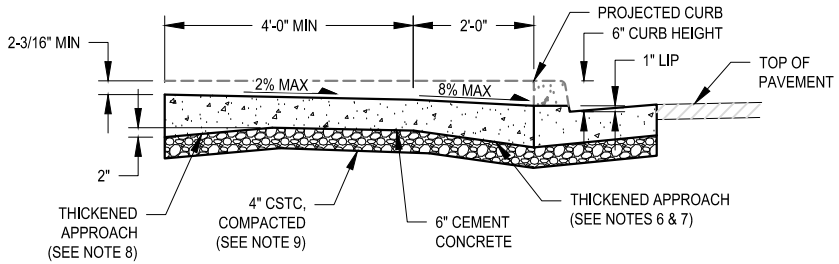

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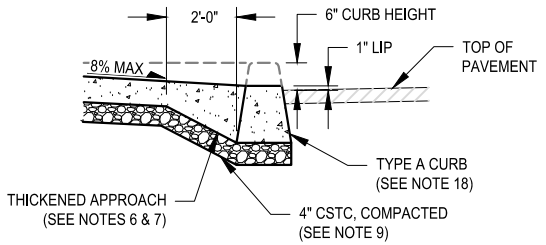

SECTION VIEW - TYPE A CURB
(SEE NOTE 18)

DESIGN CRITERIA

	RESIDENTIAL	COMMERCIAL
DISTANCE FROM CURB RETURN	15' MIN.	75' MIN.
THROAT WIDTH	16' MIN.* ** 30' MAX.**	30' MIN.** 40' MAX.**
SETBACK FROM SIDE PROPERTY LINE AT R.O.W.	5' MIN.	5' MIN.
SETBACK FROM SIDE PROPERTY LINE	2' MIN.	2' MIN.
* 24' MINIMUM WIDTH IF DRIVEWAY LENGTH IS OVER 75', SEE R-117		
** THE TOTAL APPROACH WIDTH SHALL NOT BE GREATER THAN 50% OF TOTAL LOT FRONTAGE WIDTH.		

1. EXPANSION JOINT MINIMUM REQUIREMENTS:
   a. 3/8" EXPANSION JOINT MATERIAL SHALL BE PLACED AT LEAST EVERY 20' IN WIDTH WITHIN THE DRIVEWAY APPROACH AND SHALL LINE UP WITH SIDEWALK EXPANSION JOINTS IF APPLICABLE.
   b. 3/8" EXPANSION JOINT MATERIAL IS REQUIRED BETWEEN DRIVEWAY SLAB AND THE SIDEWALK AND THE DRIVEWAY APPROACH.
   c. EXPANSION JOINT MATERIAL SHALL BE SECURED IN PLACE PRIOR TO CONCRETE PLACEMENT AND SHALL COMPLETELY SEPARATE ADJACENT SLABS EXTENDING FROM THE SURFACE TO GRAVEL BASE. PLACEMENT OF EXPANSION JOINT MATERIAL SHALL NOT BE FLOATED OR PRESSED INTO WET CONCRETE AFTER CONCRETE HAS BEEN PLACED.
   d. AN ALTERNATIVE TO SETTING EXPANSION JOINT MATERIAL PRIOR TO PLACING CONCRETE WOULD BE TO SAW CUT FULL DEPTH 1/2" WIDE AND FILL WITH APPROVED MASTIC PER WSDOT 9-04.2(2) POURED RUBBER JOINT SEALER.
2. CONTROL JOINTS SHALL BE PLACED AT THE DISCRETION OF THE CONTRACTOR. CRACK REPAIR WITHIN THE WARRANTY PERIOD IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTROL JOINT MINIMUM REQUIREMENTS; CONTROL JOINTS SHALL:
   a. BE NO FARTHER APART THAN 10'.
   b. NOT EXCEED A RATIO OF 1 TO 1.25 LENGTH TO WIDTH.
   c. BE A MINIMUM OF 1" DEEP (FOR TROWELED OR SAW CUT).
   d. BE ADDED AT ALL GRADE BREAKS.
3. CEMENT CONCRETE SHALL BE CLASS 4,000 CONCRETE PER SECTION 6-02 OF THE WSDOT STANDARD SPECIFICATIONS.
4. ALL EXTERNAL EDGES SHALL BE TROWELED WITH A 3/8" TO 1/2" RADIUS.
5. A 4" (MIN) THICK CSTC LAYER SHALL BE PLACED UNDER DRIVE APPROACH.
6. FIRST 2' OF DRIVE APPROACH (AT CURB SIDE) SHALL BE THICKENED TO MATCH BOTTOM OF CURB.
7. WHEN AN ASPHALT APPROACH IS USED THE ASPHALT SHALL BE PLACED IN 0.30' LIFTS PER WSDOT 5-04.3(7)
8. LAST 2' OF SIDEWALK (HOUSE SIDE) WILL BE THICKENED 2 EXTRA INCHES WHEN OTHER HARD SURFACES ARE NOT PROPOSED ADJACENT TO THE APPROACH.
9. SUBGRADE AND CSTC UNDER APPROACH SHALL BE COMPACTED TO 95%.
10. ALL BROKEN, CRACKED, HEAVED AND SUNKEN CONCRETE SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT.
11. PERIMETER EDGING SHALL NOT BE ALLOWED UNLESS IT IS FOR A REPAIR/REPLACEMENT OF EXISTING PANELS AND ONLY WHEN MATCHING ADJACENT PANELS. CONTRACTOR SHALL MAKE AN EFFORT TO MATCH EXISTING PANELS IN ACCORDANCE WITH DIRECTION FROM CITY INSPECTOR.
12. ALL CHANGES IN LEVEL ACROSS JOINT MUST BE FLUSH WITH A MAXIMUM DIFFERENCE IN ELEVATION OF 3/16".
13. LENGTH OF UPHILL RAMP FOR STREETS WITH LONGITUDINAL SLOPES LESS THAN 2.0% SHALL BE 5'. THE MAXIMUM LONGITUDINAL SLOPE SHALL BE 8.3%, BUT THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15 FEET. REQUIRED UPHILL RAMP LENGTHS SHALL BE DETERMINED BY DESIGN ENGINEER. DOWNHILL RAMP LENGTHS ARE NOT REQUIRED TO EXCEED 5' AND SHALL BE A MAXIMUM OF 8.3%.
14. MONO-PLACEMENT OF CURBS AND CROSS GUTTER WITH OTHER STRUCTURES SUCH AS SIDEWALKS AND APPROACHES SHALL NOT BE ALLOWED AND SHALL BE SEPARATED WITH EITHER A COLD JOINT OR EXPANSION JOINT SEALED WITH A POURED RUBBER JOINT SEALER PER WSDOT 9-04.2(2).
15. SAWCUTING OF CURB TO CREATE CURB DROP IS NOT ALLOWED.
16. ALL APPROACHES SHALL BE PER CITY STREET STANDARDS 7.3 AND 7.8.
17. EXCEPT FOR JOINTS AND BROOM FINISHING, NO OTHER MARKINGS ARE PERMITTED ON THE WALKING SURFACE.
18. TYPE A CURB TO BE USED ONLY WHEN MATCHING EXISTING CURB AND WITH APPROVAL OF THE CITY ENGINEER.

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

RESIDENTIAL CONCRETE APPROACH ADJACENT SIDEWALK

STANDARD PLAN NO. R-113

PUBLICATION DATE:	03/2025
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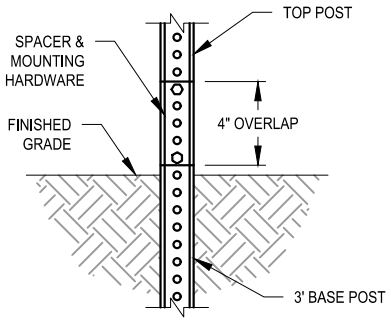
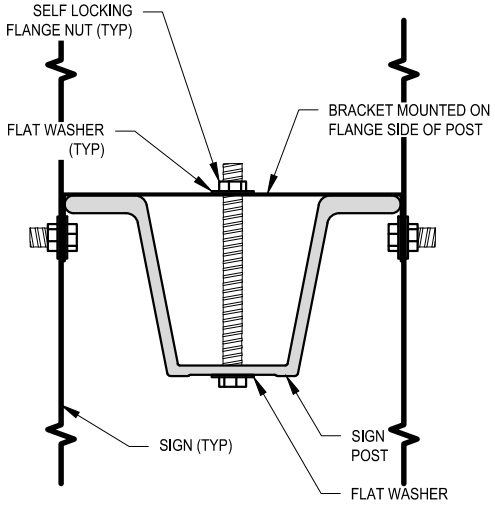
CREATION: 1/16/2025. REVISED: 4/21/2025 BY: JMORSE

APPROVED
PUBLIC WORKS DIRECTOR

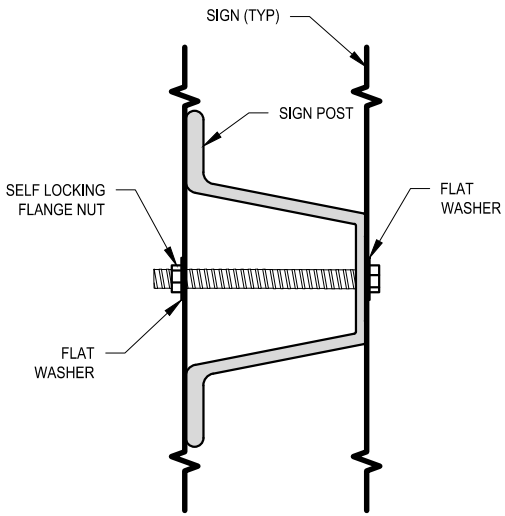
GENERAL NOTES:

1. SIGN TYPE, INSTALLATION AND APPLICATION SHALL CONFORM TO THE CURRENT EDITION OF THE M.U.T.C.D.
2. POST WEIGHT SHALL BE 3 LBS. PER FOOT.
3. ALL BASE POST AND TOP POST SHALL BE MARION STEEL, 3 LB., GREEN POWDER-COATED RIB-BACK POST.





SIGN INSTALLATION
(WITH SIGN BRACKET)



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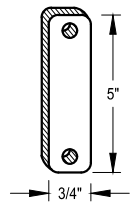
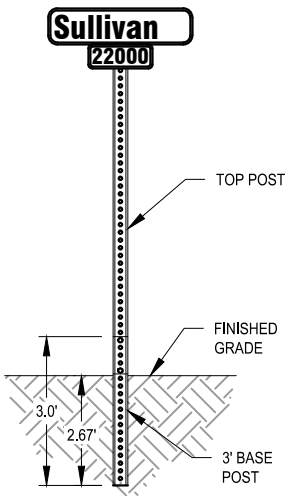
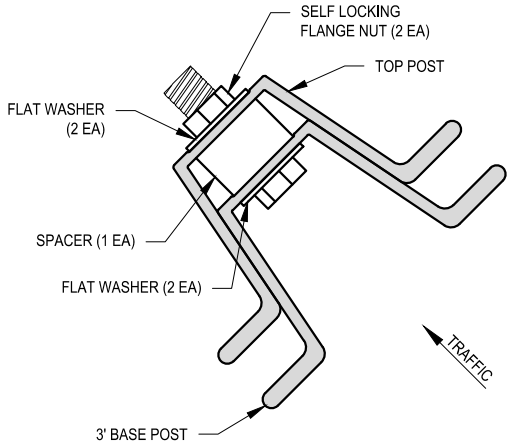
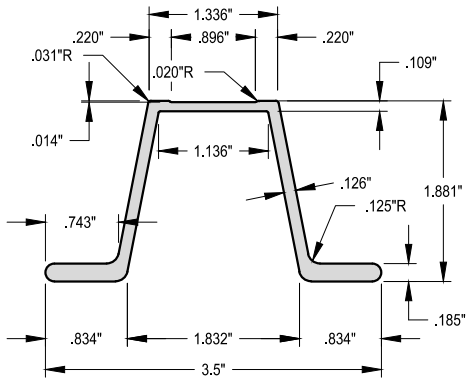


SPACER
(1/2"x 3/4"x 5")



SIGN SUPPORT SYSTEM





WITH 3/8" DIA. HOLE
AREA = 0.840 SQ. FT.

	X - X AXIS	Y - Y AXIS
	Ixx = 0.376	Iyy = 0.376
	Sx = 0.340	Sy = 0.340

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

SIGN AND POST INSTALLATION

STANDARD PLAN NO. R-139

PUBLICATION DATE:	03/2025
REVISION NO.:	00

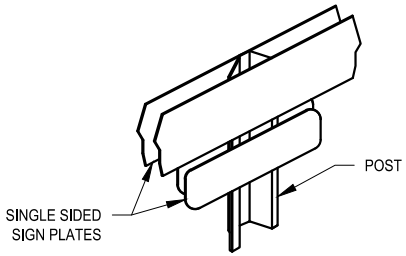
CREATION: 6/12/2024. REVISED: 3/20/2025 BY: JMORSE

ROV

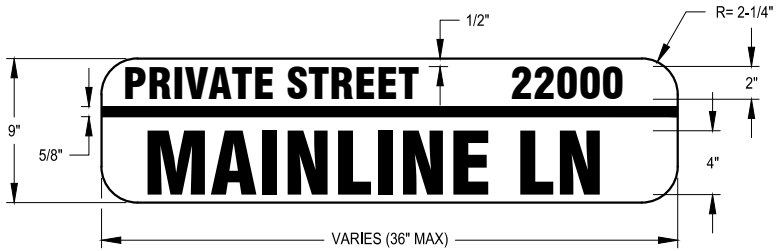
GENERAL NOTES:

1. THIS STANDARD PLAN IS TO BE USED AT ALL ARTERIAL INTERSECTIONS WITH ANY STREET, LANE, OR OTHER ARTERIAL.
2. SIGNS SHALL MEET SPECIFICATIONS FOR FLAT PLATE ALUMINUM, 0.08" THICK, ALODINE 1200 OR EQUAL.
3. THE SIGN SURFACE SHALL BE WHITE LETTERS ON A GREEN BACKGROUND. LETTERS AND BACKGROUND SHALL BE HIGH INTENSITY RETRO-REFLECTIVE SHEETING.
4. LETTERS SHALL BE A BLOCK TYPE FONT.
5. THE ROADWAY LABEL MAY BE OMITTED FOR "STREET", "ROAD", AND "AVENUE". ALL OTHER ROADWAYS SHALL INCLUDE THE ABBREVIATED LABEL (I.E.: COURT - CT, PARKWAY - PKWY, ETC.) ROADWAY LABELS SHALL BE UPPERCASE.
6. SIGN INSTALLATION SHALL CONFORM TO THE CURRENT EDITION OF THE M.U.T.C.D.
7. SIGN POST INSTALLATION AND SIGN MOUNTING SHALL BE PER SPOKANE VALLEY SIGN & POST INSTALLATION SUPPLEMENTAL PLAN.
8. SIGN PLATES ARE SINGLE SIDED.
9. ALL POSTS, UNLESS STREET NAME SIGN ONLY, SHALL HAVE POST MOUNTED 3 INCH x 60 INCH REFLECTIVE SHEETING. COLOR SHALL MATCH SIGN.

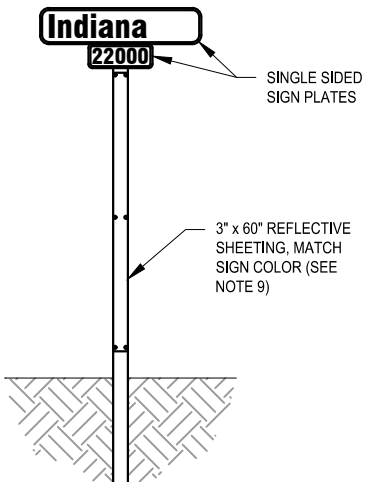
PUBLIC STREET



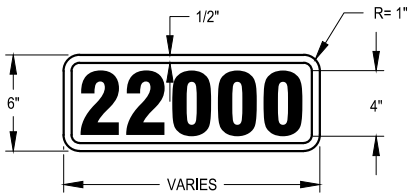
TYPICAL SIGN INSTALLATION
(SINGLE SIDED PLATE MOUNTING)



PRIVATE STREET



POST MOUNTED REFLECTIVE SHEETING



PUBLIC STREET

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

STREET SIGN ARTERIAL INTERSECTIONS

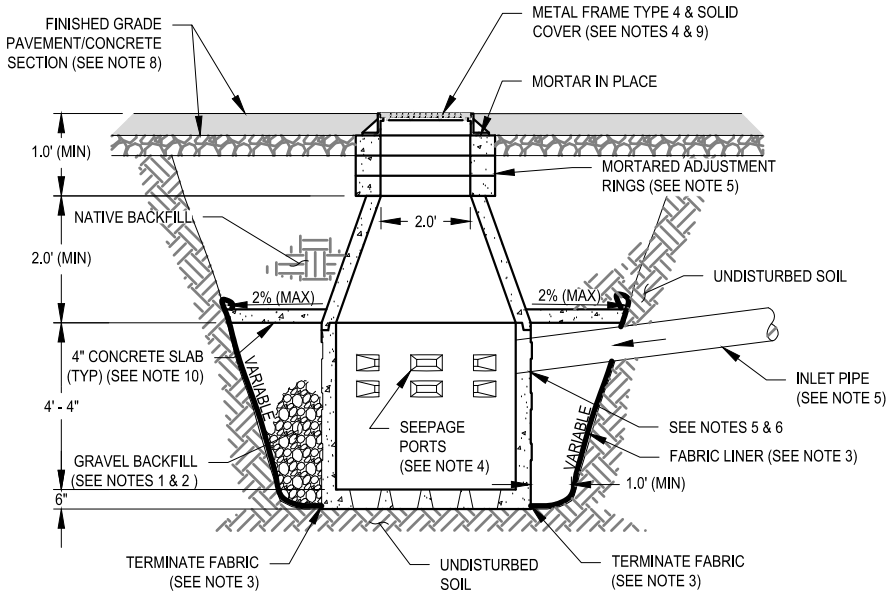
STANDARD PLAN NO. R-140

PUBLICATION DATE:	03/2025
REVISION NO.:	01

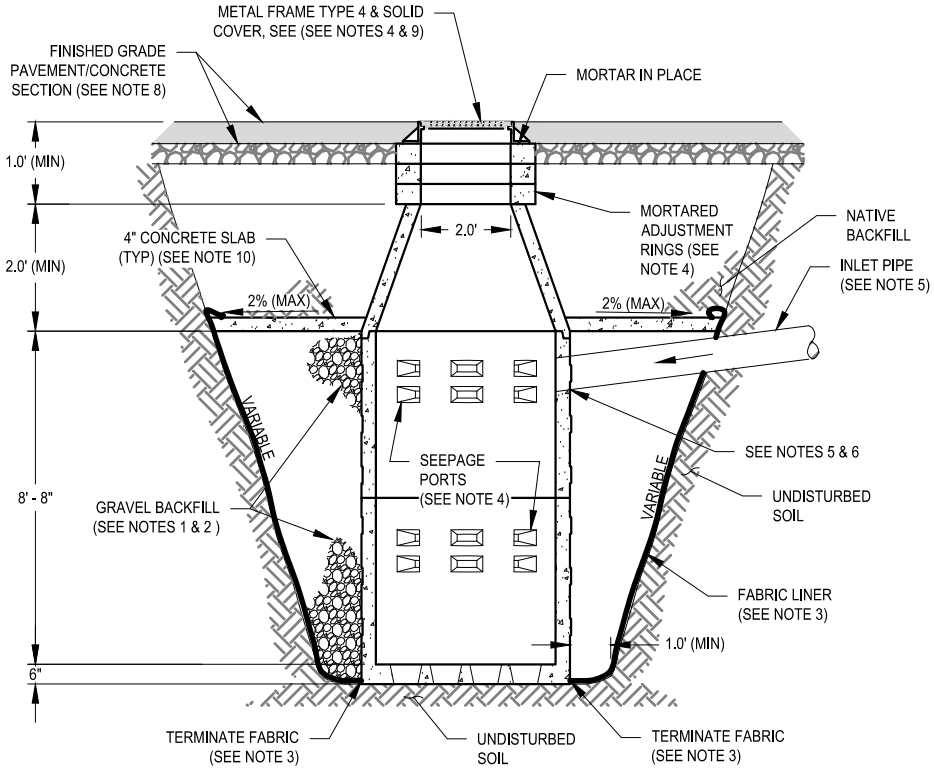
APPROVED

PUBLIC WORKS DIRECTOR

CREATION: 10/12/2023. REVISED: 3/20/2025 BY: JMORSE



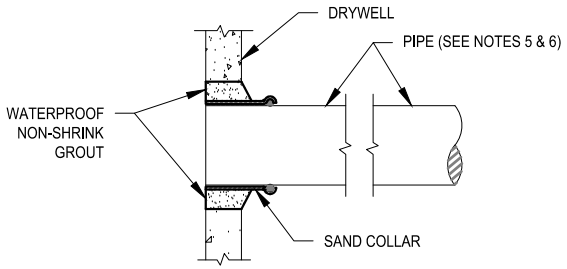
TYPE 'A'



TYPE 'B'

GENERAL NOTES:

1. GRAVEL BACKFILL QUANTITY FOR DRYWELLS:
   TYPE "A" - 30 CUBIC YARDS MINIMUM / 42 TONS.
   TYPE "B" - 40 CUBIC YARDS MINIMUM / 56 TONS.
   OR AS SPECIFIED ON STREET PLANS.
2. GRAVEL BACKFILL FOR DRYWELLS SHALL BE WASHED DRAIN ROCK CONFORMING TO WSDOT STANDARD SPEC. 9-03.12(5).
3. FABRIC SHALL BE MODERATE SURVIVABILITY AS OUTLINED IN WSDOT STANDARD SPEC. 9-33.2(1). FABRIC SHALL NOT BE WRAPPED AROUND DRYWELL BARRELS OR PLACED ON THE BOTTOM OF THE BARREL.
4. SEE PRECAST DRYWELL DETAILS, CITY STANDARD PLANS S-103 AND S-105. PRECAST MORTARED ADJUSTMENT RINGS SHALL BE USED IN LIEU OF ADJUSTING BLOCKS
5. WHEN PVC PIPE IS USED, A SAND COLLAR SHALL BE INSTALLED.
6. PIPES SHALL BE GROUTED INTO DRYWELL WITH WATERPROOF NON-SHRINK GROUT IN ACCORDANCE WITH STANDARD SPECIFICATION 9-20.3.
7. GRAVEL BACKFILL TO BE COMPLETELY COVERED WITH FABRIC.
8. MATERIAL COMPACTION SHALL MEET WSDOT STANDARD SPEC. 2-03.3(14)C, METHOD B.
9. UTILITY ADJUSTMENT SHALL MEET CITY STANDARDS, SEE STANDARD CITY PLAN UTILITY COVER ADJUSTMENT.
10. CONCRETE SLAB SHALL BE CLASS 3000 CONCRETE.



PVC ADAPTER

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

PRECAST DRYWELLS PLACED IN ASPHALT

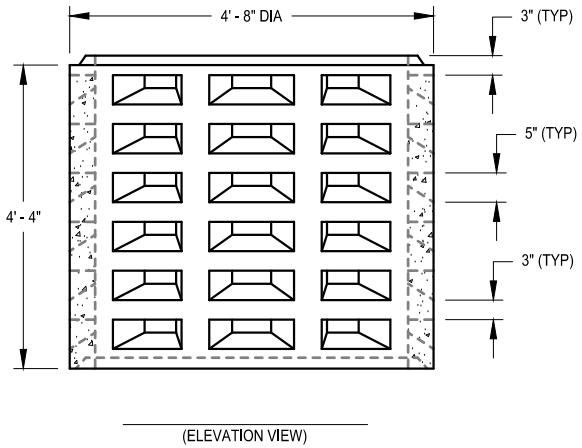
STANDARD PLAN NO. S-102

PUBLICATION DATE:	03/2025
REVISION NO.:	01

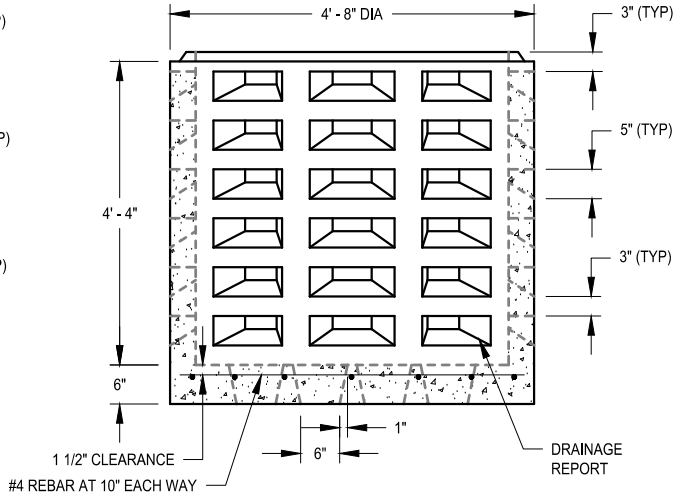
CREATION: 4/21/2025. REVISED: 4/21/2025 BY: JMORSE

APPROVED

PUBLIC WORKS DIRECTOR



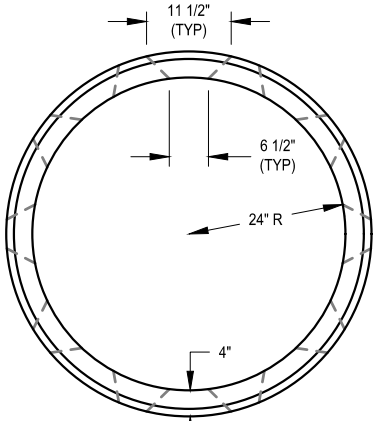
(ELEVATION VIEW)



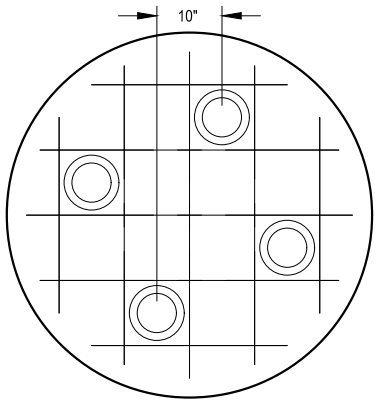
DRYWELL BASE
(ELEVATION VIEW)

GENERAL NOTES:

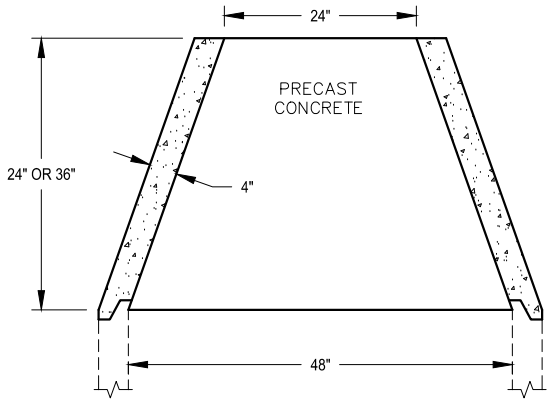
1. CONCRETE DRYWELL ITEMS SHALL BE CONSTRUCTED WITH THE BARRELS AND CONES REINFORCED WITH 0.12 SQ. IN. STEEL GRADE 40, PER LINEAL FOOT OF WALL.
2. TOLERANCE OF DIMENSIONS FOR DRAINAGE PORTS SHALL BE ±1/2".
3. EACH BARREL SECTION SHALL HAVE A MINIMUM OF 6 ROWS OF DRAINAGE PORTS VERTICALLY AND A MINIMUM OF 10 DRAINAGE PORTS AROUND THE CIRCUMFERENCE OF THE BARREL.

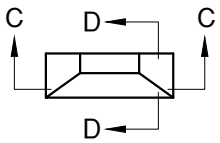


DRYWELL BARREL
(PLAN VIEW)

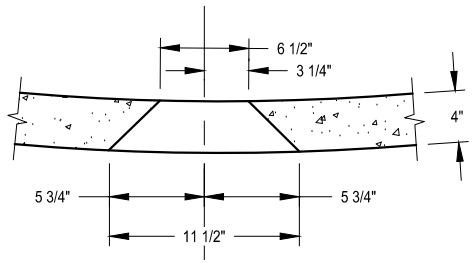


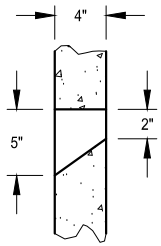
BASE DRAIN HOLE DETAIL
(PLAN VIEW)





DRAINAGE PORT





SECTION D-D

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

DRYWELL DETAILS

STANDARD PLAN NO. S-103

PUBLICATION DATE:	03/2025
REVISION NO.:	01

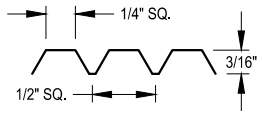
CREATION: 10/2/2023. REVISED: 3/20/2025 BY: JMORSE

APPROVED

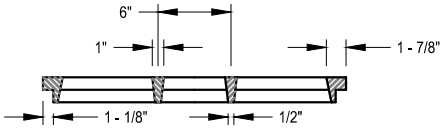
PUBLIC WORKS DIRECTOR

GENERAL NOTES:

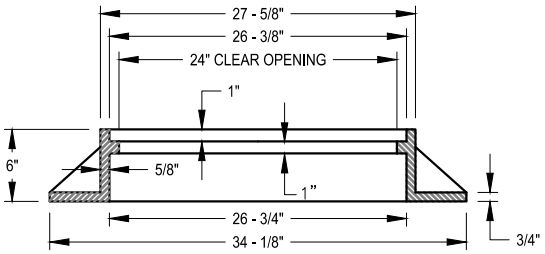
1. FRAME SHALL BE GRAY IRON CONFORMING TO A.S.T.M. A48-90, GRADE 30. THE GRATE SHALL BE DUCTILE IRON CONFORMING TO A.S.T.M. A536-84, CLASS 80-55-06.
2. METAL FRAME AND GRATE TYPE 4 SHALL ONLY BE USED WHERE SHOWN ON THE CONSTRUCTION PLANS. IT SHALL NOT BE USED AT A CURB LINE.
3. DRAINAGE SLOTS SHALL BE PLACED PARALLEL TO THE DIRECTION OF FLOW.
4. FIT TOLERANCE SHALL BE 1/8".
5. WELDING IS NOT PERMITTED.

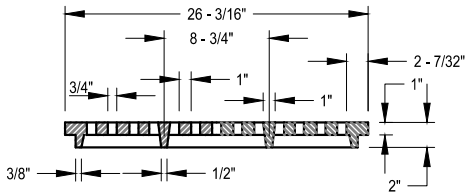


COVER SKID DESIGN DETAIL

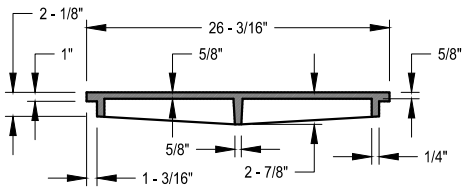


SECTION J-J

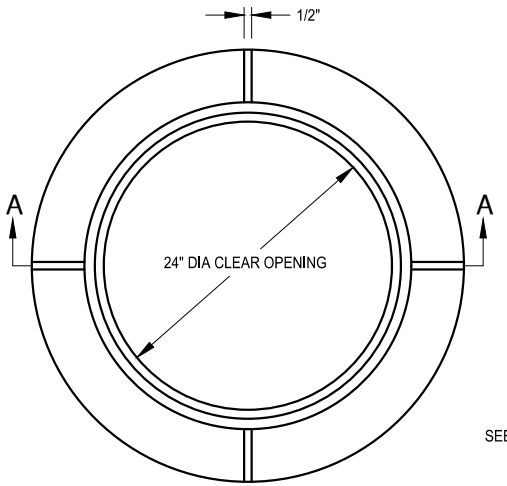




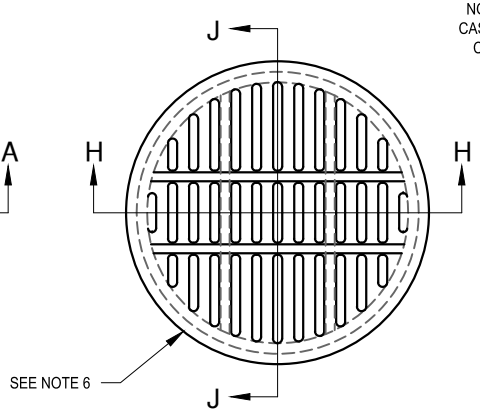
SECTION H-H

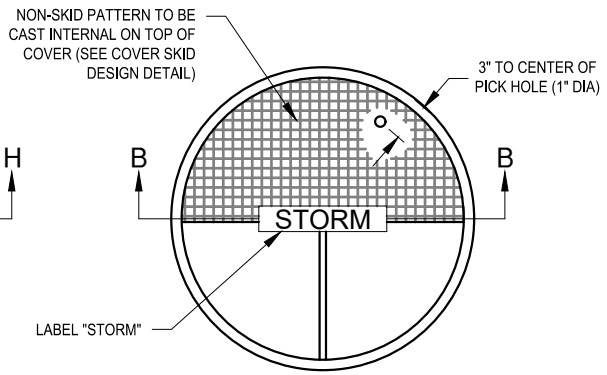


SECTION B-B



FRAME - TYPE 4
MINIMUM WEIGHT: 168 LBS





SOLID COVER
MINIMUM WEIGHT: 118 LBS

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

DRYWELL FRAME AND GRATES

STANDARD PLAN NO. S-104

PUBLICATION DATE:	03/2025
REVISION NO.:	02

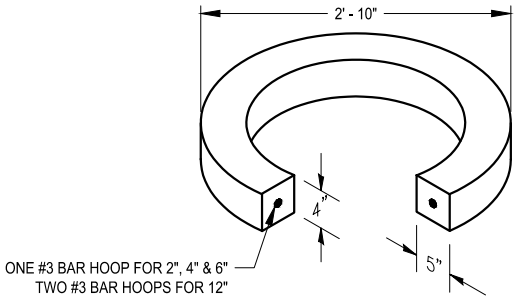
CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

ROV

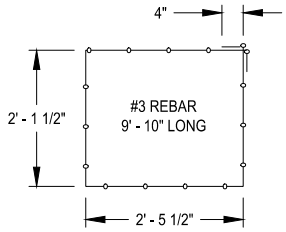
GRATE, TYPE 4

GENERAL NOTES:

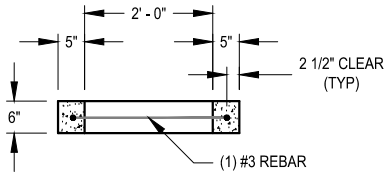
1. CONCRETE ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478 (AASHTO M199) & ASTM C-890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.



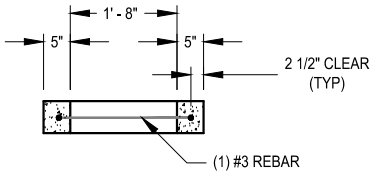
RISER, CIRCULAR



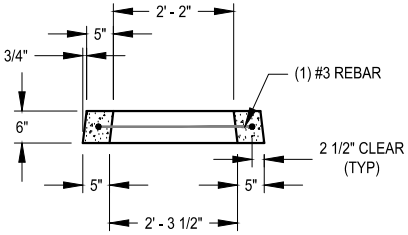
BENDING DETAIL



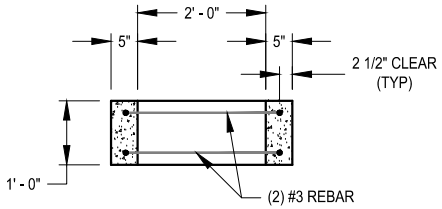
SECTION E-E
6" RISER



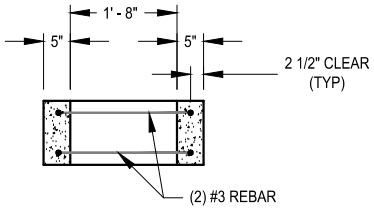
SECTION F-F
6" RISER



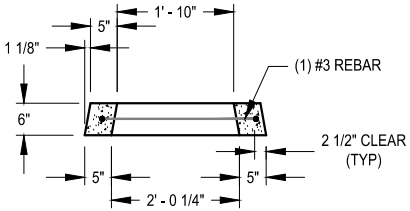
SECTION C-C
6" RISER



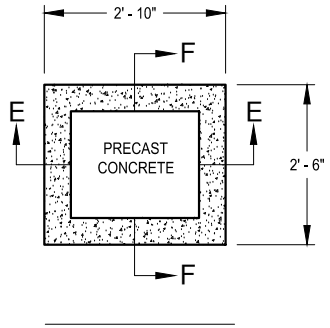
SECTION E-E
1' - 0" RISER

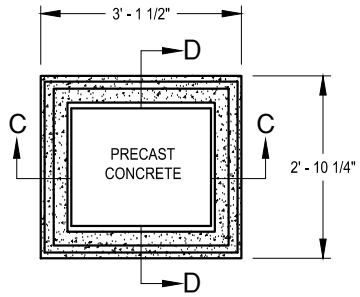


SECTION F-F
1' - 0" RISER



SECTION D-D
6" RISER





RISER, TYPE 2

CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

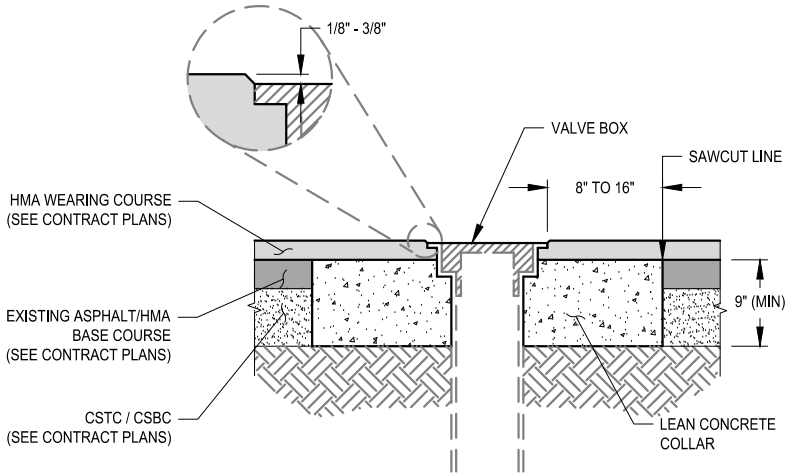
PRECAST RISERS

STANDARD PLAN NO. S-105

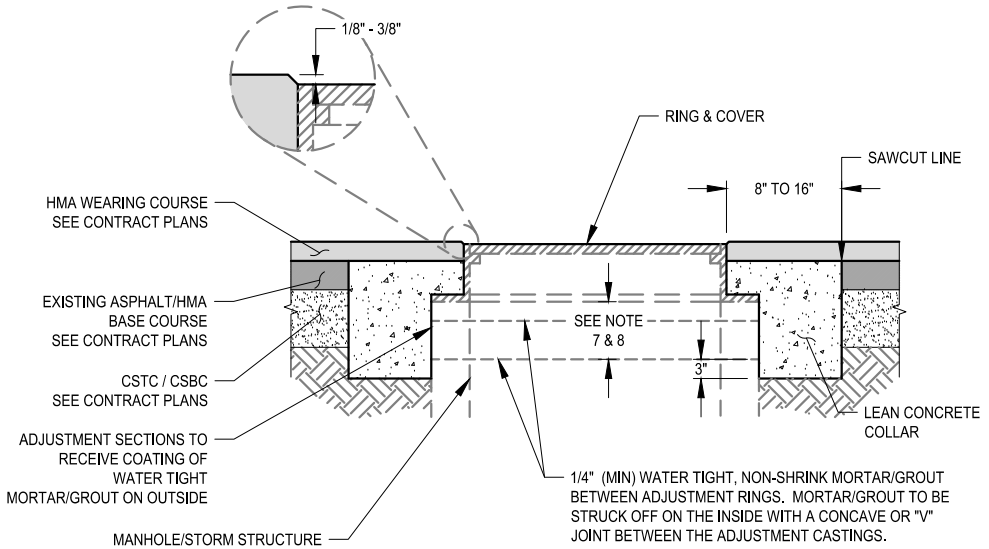
PUBLICATION DATE:	03/2025
REVISION NO.:	01

APPROVED
PUBLIC WORKS DIRECTOR

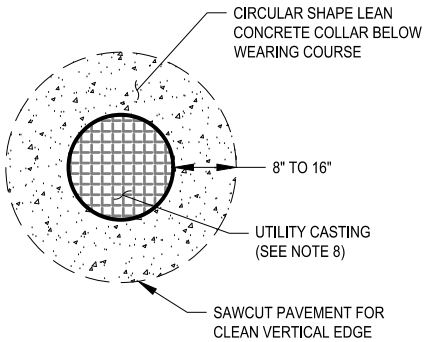
RISER, TYPE 1



ELEVATION VIEW - VALVE



ELEVATION VIEW - MANHOLE/STORM STRUCTURE



GENERAL NOTES:

1. UTILITY ADJUSTMENTS ARE TO BE COMPLETED AFTER PLACING THE FINAL HMA LIFT.
2. UTILITY COVERS SUCH AS FRAMES, GRATES AND LIDS FOR SEWER MANHOLES, STORMWATER MANHOLES AND CATCH BASINS, WATER VALVE BOXES, GAS VALVE BOXES, COMMUNICATION AND POWER VAULTS, MONUMENT CASES, PULL BOXES AND JUNCTION BOXES IN THE ROADWAY SHALL BE SET 1/8 INCH (MIN.) TO 3/8 INCH (MAX.) BELOW THE FINAL TOP OF ASPHALT SURFACE.
3. CATCH BASIN AND INLET GRATES, SET IN OR ADJACENT TO CURBING, SHALL BE SET 1/2 INCH BELOW GUTTER GRADE PER STD. PLAN S-117.
4. THE REQUIRED ELEVATION DIFFERENCE BETWEEN THE PAVEMENT AND UTILITY COVER SHALL BE MEASURED FROM THE BOTTOM OF A 10-FOOT LONG STRAIGHT EDGE TO THE TOP OF THE FRAME. THE STRAIGHT EDGE SHALL BE CHECKED OVER THE FRAME IN BOTH DIRECTIONS (PARALLEL AND AND PERPENDICULAR TO THE TRAVEL WAY).
5. UTILITY COVERS LOCATED WITHIN PEDESTRIAN ACCESS ROUTES SHALL CONFORM WITH ALL CURRENT A.D.A. GUIDELINES, INCLUDING NON-SLIP/SKID RESISTANT SURFACE.
6. A CIRCULAR SHAPE CONCRETE COLLAR IS REQUIRED ON ALL INSTALLATIONS/ADJUSTMENTS. CONCRETE SHALL MEET THE REQUIREMENTS OF LEAN CONCRETE PER WSDOT STANDARD SPECIFICATIONS SECTION 6-02.3(2)D AND HAVE CEMENTITIOUS CONTENT WITHIN THE RANGE OF 280 LBS (MIN.) TO 330 LBS (MAX.).
7. FOR SEWER MANHOLES, THE VERTICAL DISTANCE BETWEEN THE TOP OF STRUCTURE AND BOTTOM OF FRAME SHALL BE A MINIMUM OF 2" AND SHALL NOT TO EXCEED 13".
8. ADJUSTMENTS 1" OR GREATER TO BE MADE WITH PRECAST CONCRETE ADJUSTMENT RINGS ONLY.

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

UTILITY COVER ADJUSTMENT

STANDARD PLAN NO. S-106

PUBLICATION DATE:	03/2025
REVISION NO.:	01

CREATION: 3/24/2025. REVISED: 4/21/2025 BY: JMORSE

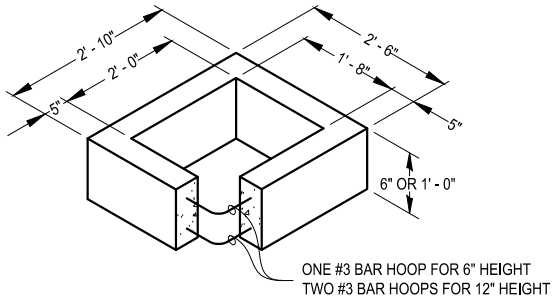
APPROVED

PUBLIC WORKS DIRECTOR

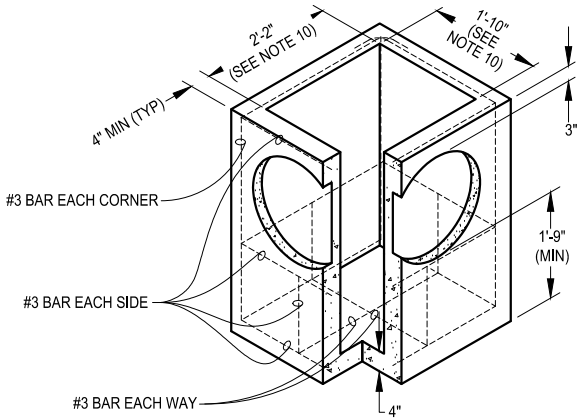
PIPE DIAMETER	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE PIPE	12"
ALL METAL PIPE	15"
CPSSP* (STD. SPEC. 9-05.20)	12"
SOLID WALL PVC (STD. SPEC. 9-05.12(1))	15"
PROFILE WALL PVC (STD. SPEC. 9-05.12(2))	15"
* CORRUGATED POLYETHYLENE STORM SEWER PIPE	

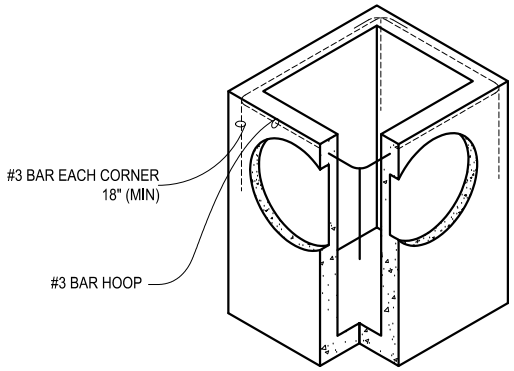
GENERAL NOTES:

1. CONCRETE CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478 (AASHTO M-199) AND ASTM C-890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.
2. AS AN ACCEPTABLE ALTERNATIVES TO THE REBAR SHOWN IN THE PRECAST BASE SECTION, FIBERS (PLACED ACCORDING TO THE STANDARD SPECIFICATIONS), OR WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT SHALL BE USED IN ADDITION TO THE MINIMUM REQUIRED REBAR SHOWN IN THE ALTERNATE PRECAST BASE SECTION. WIRE MESH SHALL NOT BE PLACED IN THE KNOCKOUTS.
3. THE KNOCKOUT DIAMETER SHALL NOT BE GREATER THAN 1'-8". KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM TO 2.5" MAXIMUM. PROVIDE A 1.5" MINIMUM GAP BETWEEN THE KNOCKOUT WALL AND THE OUTSIDE OF THE PIPE.
4. WHEN PVC PIPE IS USED, A SAND COLLAR SHALL BE INSTALLED.
5. AFTER THE PIPE IS INSTALLED, FILL THE GAP WITH NON-SHRINK GROUT IN ACCORDANCE WITH STANDARD SPECIFICATION 9-20.3.
6. CATCH BASIN/INLET SHALL BE SET ON A COMPACTED OR UNDISTURBED LEVEL FOUNDATION.
7. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5'.
8. THE FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE UP OR DOWN. THE FRAME MAY BE CAST INTO THE ADJUSTMENT SECTION.
9. THE PRECAST BASE SECTION MAY HAVE A ROUNDED FLOOR, AND THE WALLS MAY BE SLOPED AT A RATE OF 1:24 OR STEEPER.
10. THE OPENING SHALL BE MEASURED AT THE TOP OF THE PRECAST BASE SECTION.
11. ALL PICKUP HOLES SHALL BE FULLY GROUTED CLOSED AFTER THE BASIN HAS BEEN PLACED.



RECTANGULAR ADJUSTMENT
SEE STANDARD PLAN S-105





ALTERNATIVE PRECAST BASE SECTION
(SEE NOTE 2)

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

CATCH BASIN TYPE 1

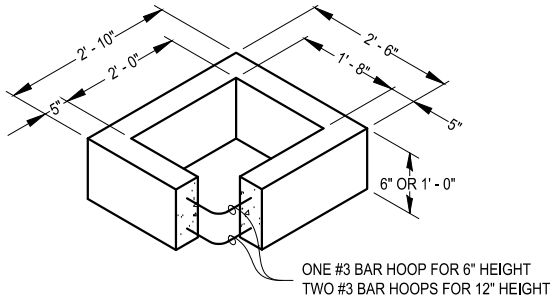
STANDARD PLAN NO. S-112

PUBLICATION DATE:	03/2025
REVISION NO.:	01

CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

ROV

PIPE ALLOWANCES	
PIPE DIAMETER	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE PIPE	12"
ALL METAL PIPE	15"
CPSSP* (STD. SPEC. 9-05.20)	12"
SOLID WALL PVC (STD. SPEC. 9-05.12(1))	15"
PROFILE WALL PVC (STD. SPEC. 9-05.12(2))	15"
* CORRUGATED POLYETHYLENE STORM SEWER PIPE	

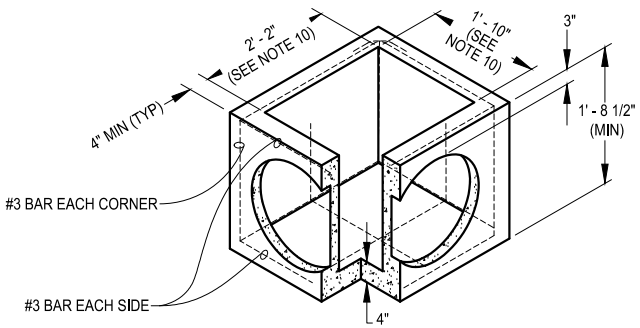


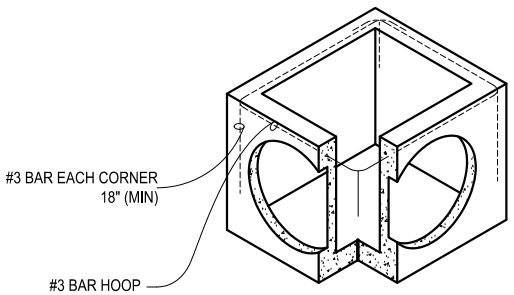
RECTANGULAR ADJUSTMENT

SEE STANDARD PLAN S-105

GENERAL NOTES:

1. CONCRETE INLET SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478 (AASHTO M-199) AND ASTM C-890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.
2. AS AN ACCEPTABLE ALTERNATIVES TO THE REBAR SHOWN IN THE PRECAST BASE SECTION, FIBERS (PLACED ACCORDING TO THE STANDARD SPECIFICATIONS), OR WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT SHALL BE USED IN ADDITION TO THE MINIMUM REQUIRED REBAR SHOWN IN THE ALTERNATE PRECAST BASE SECTION. WIRE MESH SHALL NOT BE PLACED IN THE KNOCKOUTS.
3. THE KNOCKOUT DIAMETER SHALL NOT BE GREATER THAN 1'-6". KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM TO 2.5" MAXIMUM. PROVIDE A 1.5" MINIMUM GAP BETWEEN THE KNOCKOUT WALL AND THE OUTSIDE OF THE PIPE.
4. WHEN PVC PIPE IS USED, A SAND COLLAR SHALL BE INSTALLED.
5. AFTER THE PIPE IS INSTALLED, FILL THE GAP WITH NON-SHRINK GROUT IN ACCORDANCE WITH STANDARD SPECIFICATION 9-20.3.
6. CATCH BASIN/INLET SHALL BE SET ON A COMPACTED OR UNDISTURBED LEVEL FOUNDATION.
7. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5'.
8. THE FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE UP OR DOWN. THE FRAME MAY BE CAST INTO THE ADJUSTMENT SECTION.
9. THE PRECAST BASE SECTION MAY HAVE A ROUNDED FLOOR, AND THE WALLS MAY BE SLOPED AT A RATE OF 1:24 OR STEEPER.
10. THE OPENING SHALL BE MEASURED AT THE TOP OF THE PRECAST BASE SECTION.
11. ALL PICKUP HOLES SHALL BE FULLY GROUTED CLOSED AFTER THE BASIN HAS BEEN PLACED.





ALTERNATIVE PRECAST BASE SECTION

(SEE NOTE 2)

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

CONCRETE INLET TYPE 1

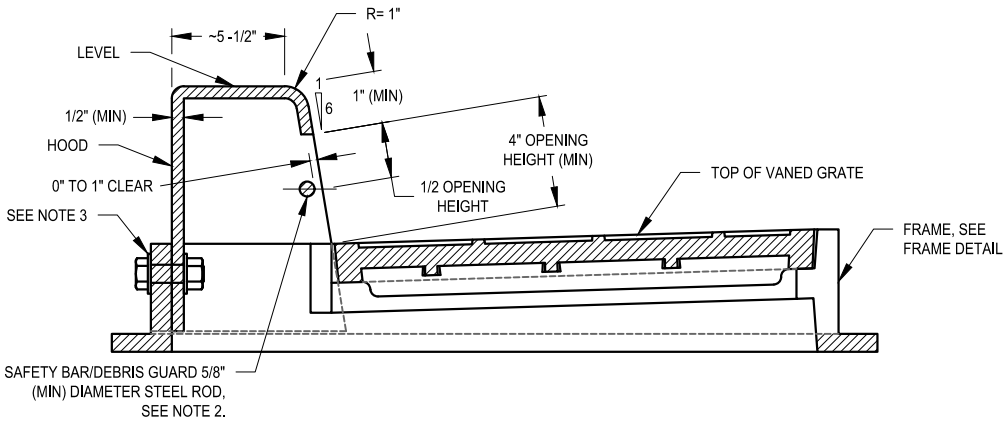
STANDARD PLAN NO. S-113

PUBLICATION DATE:	03/2025
REVISION NO.:	01

CREATION: 3/24/2025. REVISED: 3/24/2025 BY: JMORSE

ROV

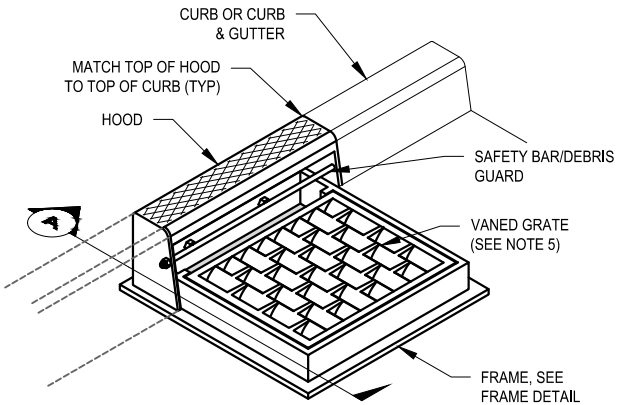
Y



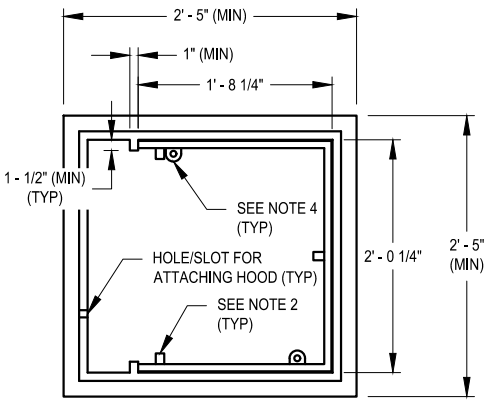
SECTION A
FRAME, HOOD, AND
VANED GRATE

GENERAL NOTES:

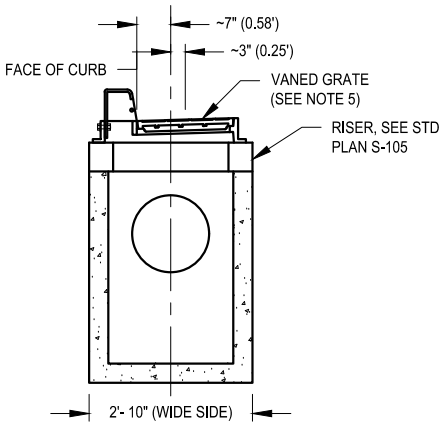
1. THE ASYMMETRY OF THE COMBINATION INLET SHALL BE CONSIDERED WHEN CALCULATING THE OFFSET DISTANCE FOR THE CATCH BASIN.
2. THE DIMENSIONS OF THE FRAME AND HOOD MAY VARY SLIGHTLY AMONG DIFFERENT MANUFACTURERS. THE FRAME MAY HAVE CAST FEATURES INTENDED TO SUPPORT A GRATE GUARD. HOOD UNITS SHALL MOUNT INSIDE OF THE FRAME. THE METHODS FOR FASTENING THE SAFETY BAR/DEBRIS GUARD ROD TO THE HOOD MAY VARY. THE HOOD MAY INCLUDE CASTING LUGS. THE TOP OF THE HOOD MAY BE CAST WITH A PATTERN.
3. ATTACH THE HOOD TO THE FRAME WITH TWO 3/4" X 2" HEX HEAD BOLTS, NUTS, AND OVERSIZE WASHERS. THE WASHERS SHALL HAVE DIAMETERS ADEQUATE TO ASSURE FULL BEARING ACROSS THE SLOTS.
4. WHEN BOLT-DOWN GRATES ARE SPECIFIED IN THE CONTRACT, PROVIDE TWO HOLES IN THE FRAME THAT ARE VERTICALLY ALIGNED WITH THE GRATE SLOTS. TAP EACH HOLE TO ACCEPT A 5/8" X 11 NC X 2" ALLEN HEAD CAP SCREW. LOCATION OF BOLT-DOWN HOLES VARIES AMONG DIFFERENT MANUFACTURERS.
5. ONLY DUCTILE IRON VANED GRATES SHALL BE USED. SEE STANDARD PLANS S-121 AND S-122.
6. THIS PLAN INCLUDES INSTALLATION DETAILS ONLY. FOR FABRICATION DETAILS SEE APPROPRIATE WSDOT STANDARD PLANS AND SPECIFICATIONS.
7. THE TOP OF GRATE SHALL BE INSTALLED 1/2" LOWER THAN THE PROJECTED GUTTER GRADE.



FRAME, HOOD, AND VANED
GRATE



FRAME DETAIL



SECTION A
CATCH BASIN, TYPE 1
(SEE NOTE 1)

CREATION: 3/24/2025. REVISED: 4/21/2025 BY: JMORSE

CITY OF Spokane Valley

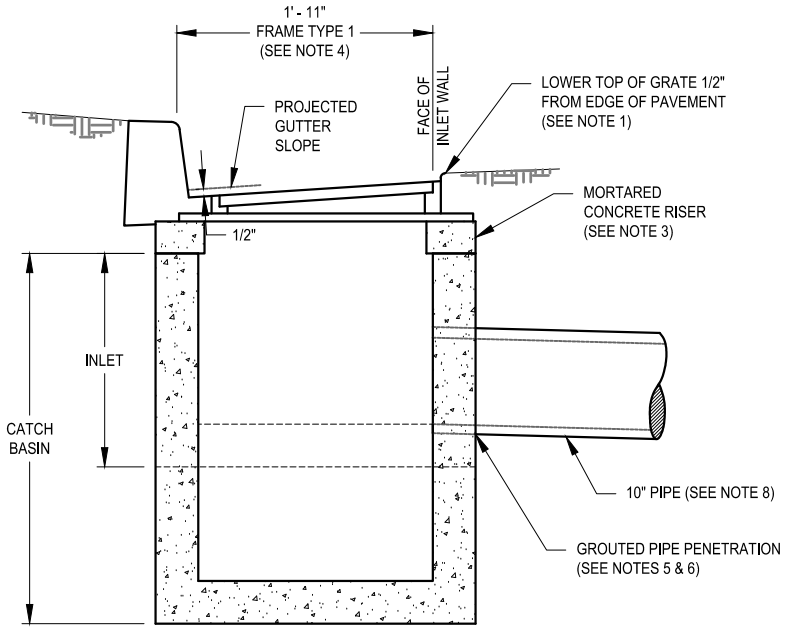
ROBERT B. BLEGEN, P.E.

COMBINATION INLET

STANDARD PLAN NO. S-115

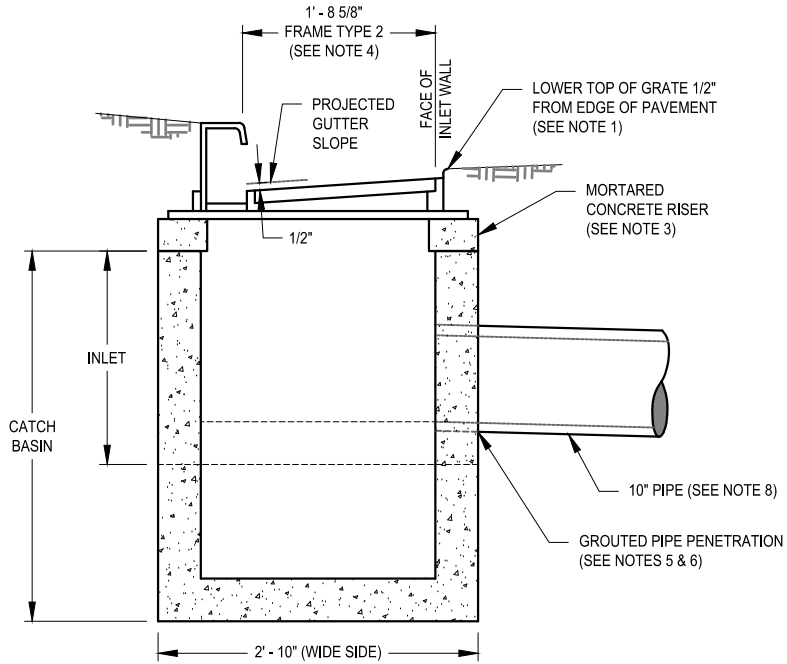
PUBLICATION DATE:	03/2025
REVISION NO.:	01

APPROVED
CITY ENGINEER



TYPE 1 INSTALLATION

NON-HOODED



TYPE 2 INSTALLATION

HOODED

GENERAL NOTES:

1. THE TOP OF GRATE SHALL BE INSTALLED 1/2" LOWER THAN THE PROJECTED GUTTER GRADE.
2. THE PRECAST CONCRETE CATCH BASIN/INLET SHALL BE PLACED ON THE SAME GRADE AS THE CURB.
3. MINIMUM ONE RISER TYPE 1 TO BE USED WITH CATCH BASIN/INLET, SEE STANDARD PLAN S-105.
4. FRAMES TYPE 1 AND TYPE 2, SEE SPOKANE COUNTY STANDARD PLANS B-10 AND B-11.
5. WHEN PVC PIPE IS USED, A SAND COLLAR SHALL BE INSTALLED.
6. PIPES SHALL BE GROUTED INTO DRYWELL WITH WATERPROOF NON-SHRINK GROUT, IN ACCORDANCE WITH STANDARD SPECIFICATIONS 9-20.3.
7. THIS PLAN INCLUDES INSTALLATION DETAILS ONLY. FOR FABRICATION DETAILS SEE APPROPRIATE WSDOT STANDARD PLANS AND SPECIFICATIONS.
8. MINIMUM DIAMETER OF PIPE IS 10". AN 8" DIAMETER PIPE IS ACCEPTABLE FOR A DISTANCE OF 50' OR LESS WITH CITY ENGINEER'S APPROVAL.

CREATION: 5/28/2024. REVISED: 4/21/2025 BY: JMORSE

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

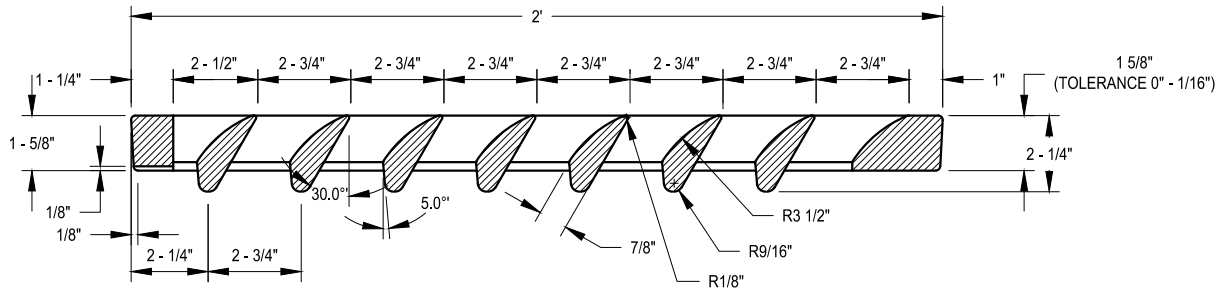
CATCH BASIN AND INLET INSTALLATION

STANDARD PLAN NO. S-117

PUBLICATION DATE:	03/2025
REVISION NO.:	01

APPROVED

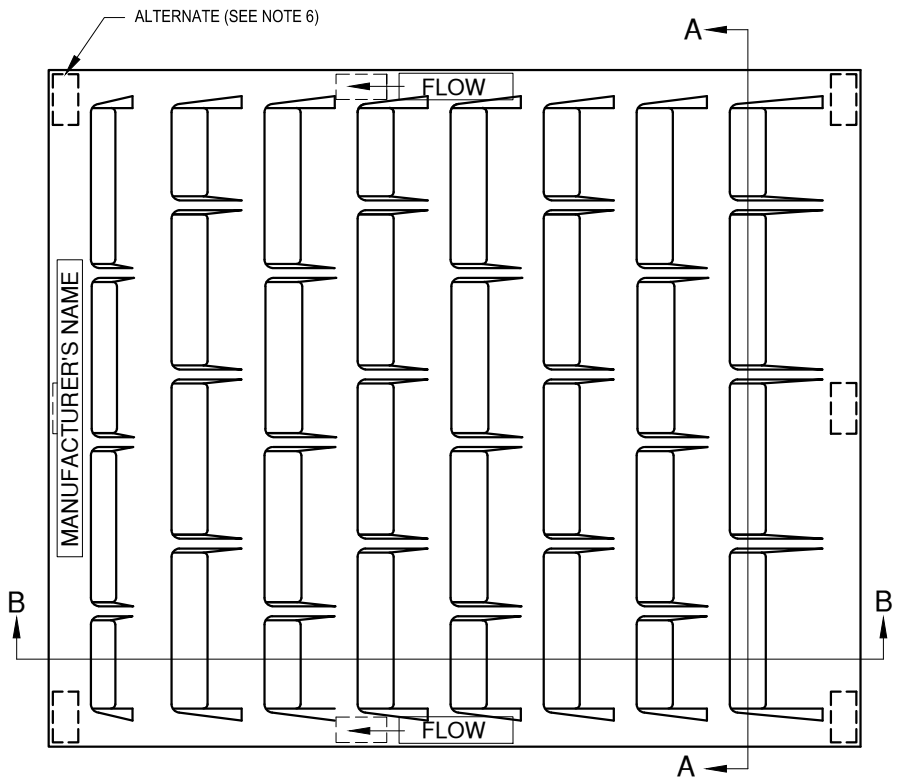
PUBLIC WORKS DIRECTOR



SECTION B-B

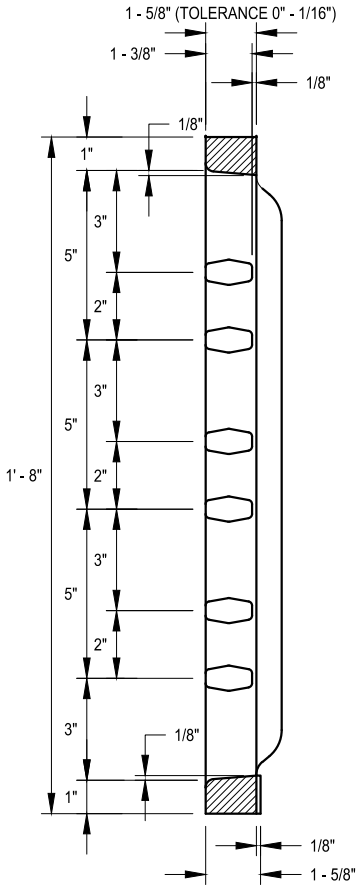
GENERAL NOTES:

1. THE NAME OF THE MANUFACTURER AND DIRECTION OF FLOW SHALL BE EMBOSSED ON THE TOP SURFACE OF EACH GRATE, LETTERING TO BE RECESSED 1/16".
2. FRAME SHALL BE GRAY IRON, AND GRATE SHALL BE DUCTILE IRON, BOTH SHALL CONFORM TO AASHTO M-306.
3. DIMENSIONS SHALL HAVE ±1/16" TOLERANCE, EXCEPT AS NOTED.
4. EDGES SHALL HAVE 1/8" RADIUS, 1/8" CHAMFER OR COMPLETE DE-BURRING.
5. WELDING IS NOT PERMITTED.
6. AS AN ALTERNATE, 8 PADS 1 1/2" X 3/4" X 1/8", INTEGRALLY CAST WITH THE GRATE, MAY BE USED.



PLAN VIEW

APPROXIMATE WEIGHT-101 LBS.



SECTION A-A

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

METAL GRATE TYPE 1 (BYPASS)

STANDARD PLAN NO. S-121

PUBLICATION DATE:	03/2025
REVISION NO.:	01

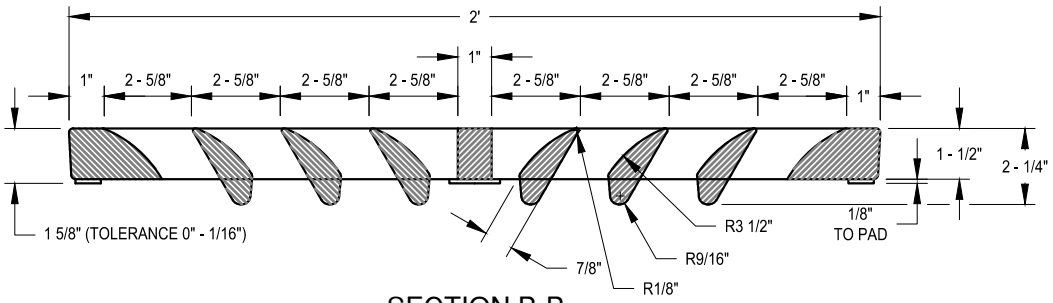
CREATION: 1/22/2025. REVISED: 3/20/2025 BY: JMORSE

APPROVED

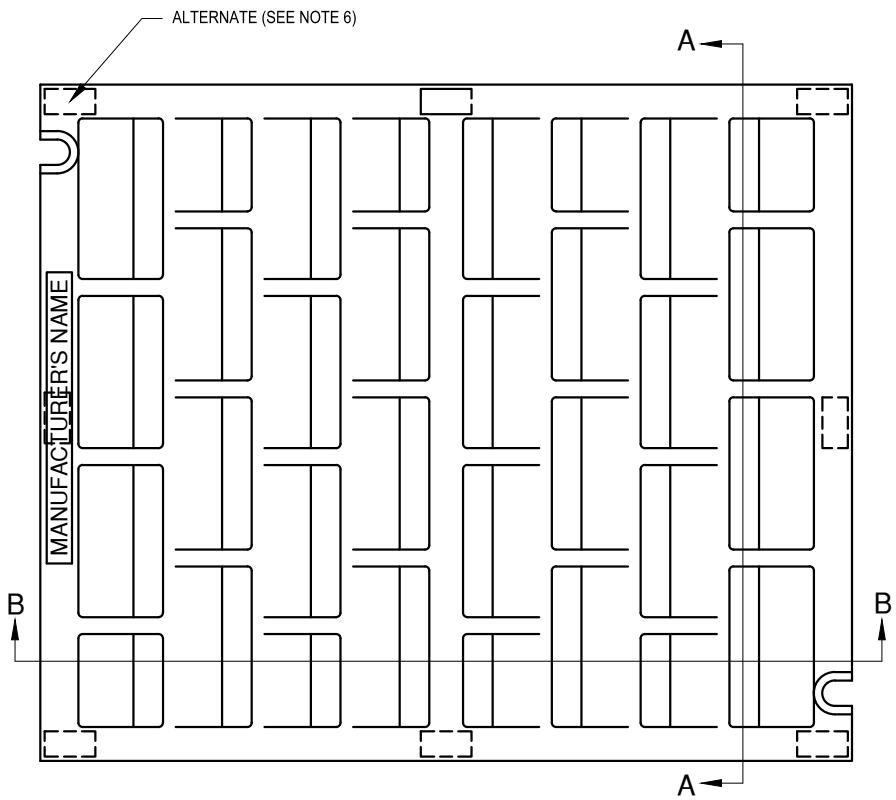
PUBLIC WORKS DIRECTOR

GENERAL NOTES:

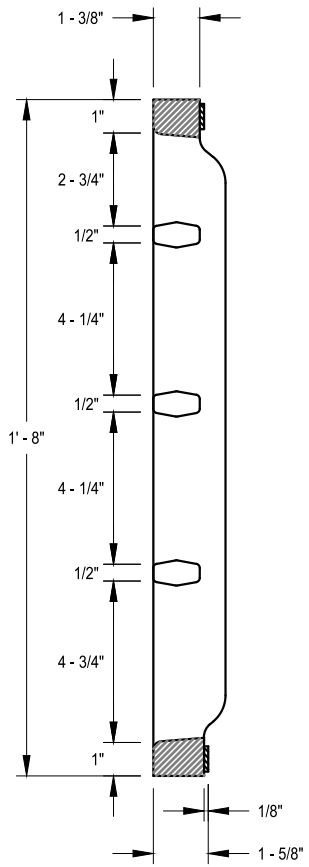
1. THE NAME OF THE MANUFACTURER AND DIRECTION OF FLOW SHALL BE EMBOSSED ON THE TOP SURFACE OF EACH GRATE, LETTERING TO BE RECESSED 1/16".
2. FRAME SHALL BE GRAY IRON, AND GRATE SHALL BE DUCTILE IRON, BOTH SHALL CONFORM TO AASHTO M-306.
3. DIMENSIONS SHALL HAVE ±1/16" TOLERANCE, EXCEPT AS NOTED.
4. EDGES SHALL HAVE 1/8" RADIUS, 1/8" CHAMFER OR COMPLETE DE-BURRING.
5. WELDING IS NOT PERMITTED.
6. AS AN ALTERNATE, 8 PADS 1 1/2" X 3/4" X 1/8", INTEGRALLY CAST WITH THE GRATE, MAY BE USED.



SECTION B-B



PLAN VIEW



SECTION A-A

CITY OF Spokane Valley

ROBERT B. BLEGEN, P.E.

METAL GRATE TYPE 3 (SUMP)

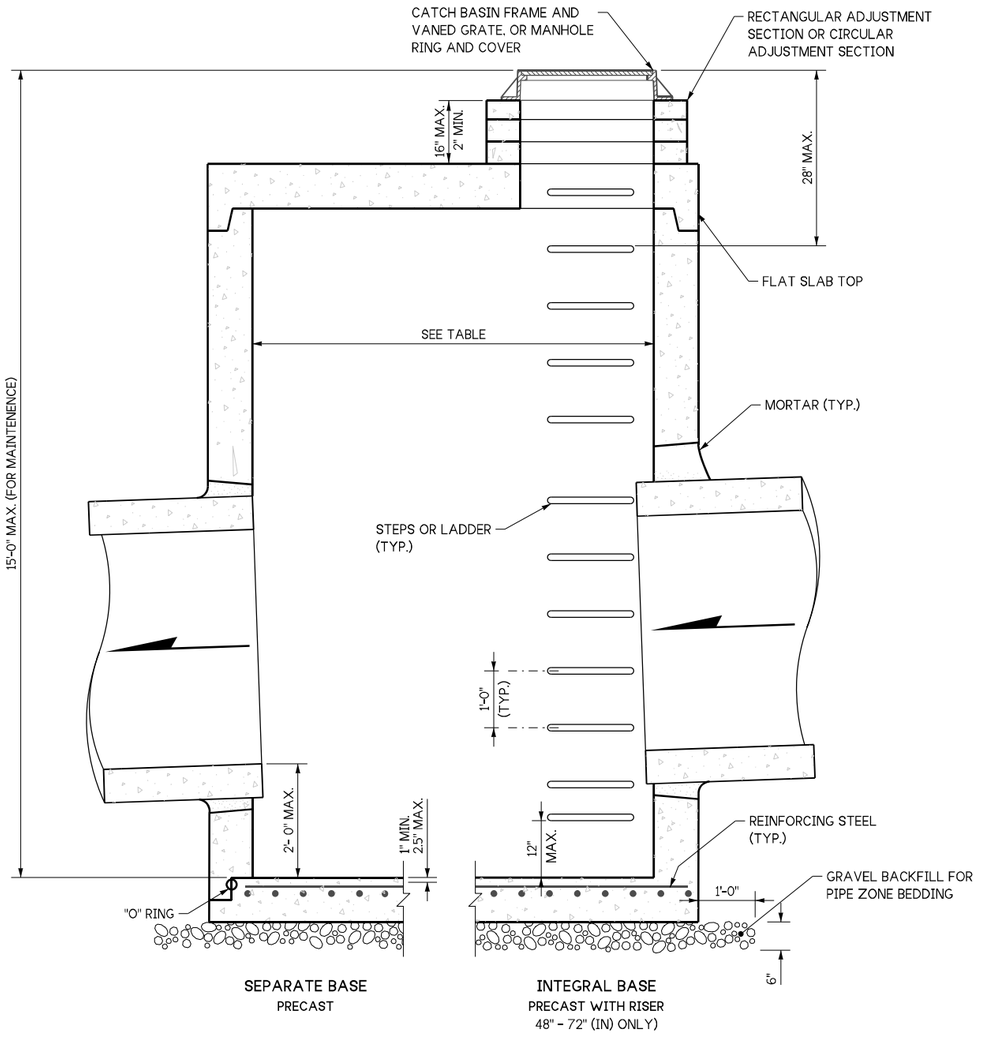
STANDARD PLAN NO. S-122

PUBLICATION DATE:	03/2025
REVISION NO.:	01

APPROVED

PUBLIC WORKS DIRECTOR

CREATION: 8/9/2023. REVISED: 3/20/2025 BY: JMORSE



NOTES:

1. No steps are required when height is 4' or less.
2. The bottom of the precast catch basin may be sloped to facilitate cleaning.
3. The rectangular frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
4. Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with **Standard Specification Section 9-04.3.**
5. Pipe allowances will vary depending on the pipe material used. Contact the Region Hydraulics Engineer for assistance.

CATCH BASIN DIMENSIONS				
CATCH BASIN DIAMETER	MIN. WALL THICKNESS	MIN. BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS
48"	4"	6"	36"	8"
54"	4.5"	8"	42"	8"
60"	5"	8"	48"	8"
72"	6"	8"	60"	12"
84"	8"	12"	72"	12"
96"	8"	12"	84"	12"
120"	10"	12"	96"	12"
144"	12"	12"	108"	12"

PIPE ALLOWANCES					
CATCH BASIN DIAMETER	PIPE MATERIAL WITH MAXIMUM INSIDE DIAMETER				
	CONCRETE	ALL METAL	CPSSP ① PP ④	SOLID WALL PVC ②	PROFILE WALL PVC ③
48"	24"	30"	24"	30"	30"
54"	30"	36"	30"	36"	36"
60"	36"	42"	36"	42"	42"
72"	42"	54"	42"	48"	48"
84"	54"	60"	54"	48"	48"
96"	60"	72"	60"	48"	48"
120"	66"	84"	60"	48"	48"
144"	78"	96"	60"	48"	48"

① Corrugated Polyethylene Storm Sewer Pipe (See **Standard Specification Section 9-05.20**)
② (See **Standard Specification Section 9-05.12(1)**
③ (See **Standard Specification Section 9-05.12)2)**)
④ Polypropolyne Pipe (See **Standard Specification Section 9-05.24**)

JULIE HEILMAN
STATE OF WASHINGTON
41819
REGISTERED
PROFESSIONAL ENGINEER

Aug 23, 2023

CATCH BASIN TYPE 2

STANDARD PLAN B-10.20-03

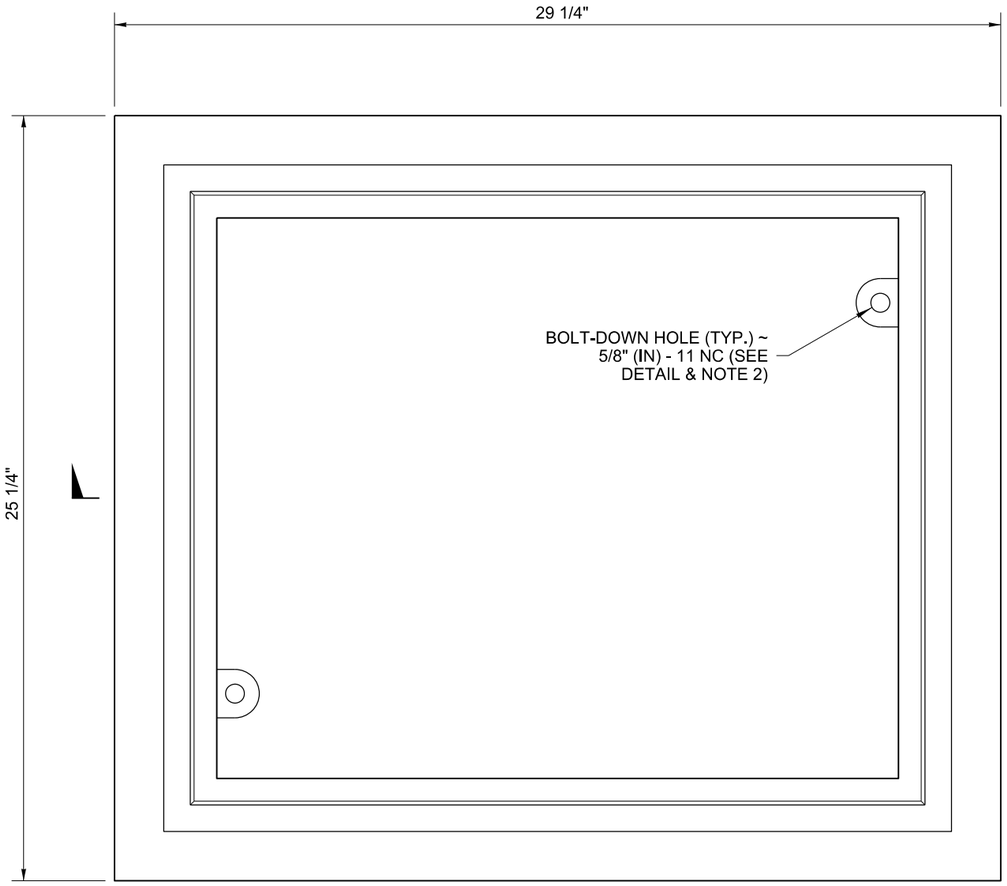
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

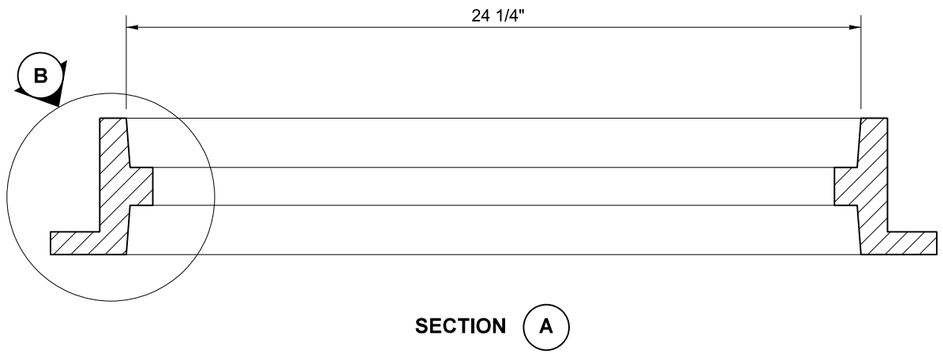
Mark A Staines Aug 23, 2023

STATE DESIGN ENGINEER

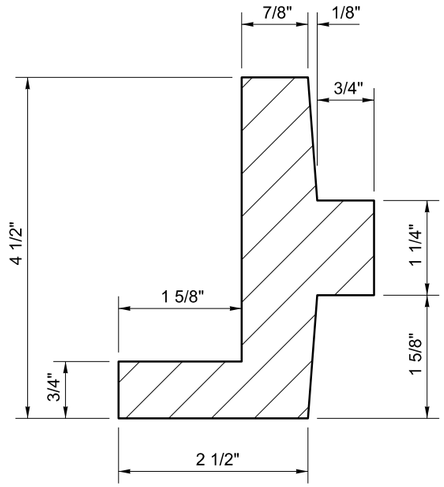
Washington State Department of Transportation



TOP



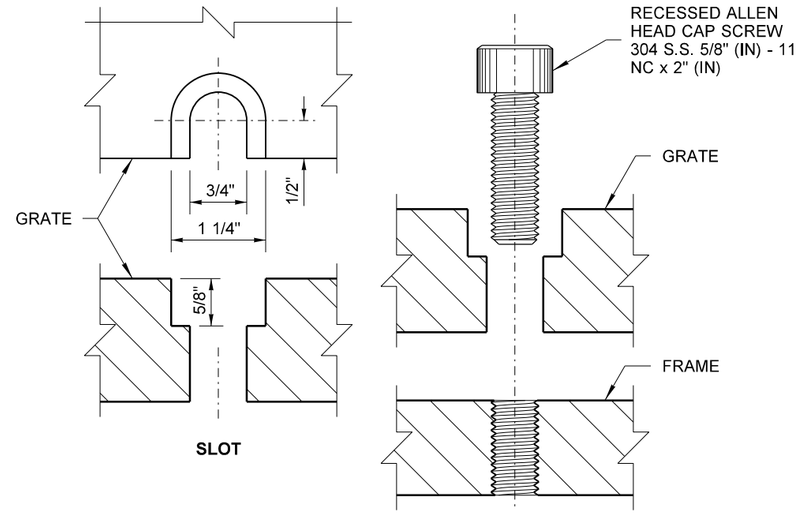
SECTION A



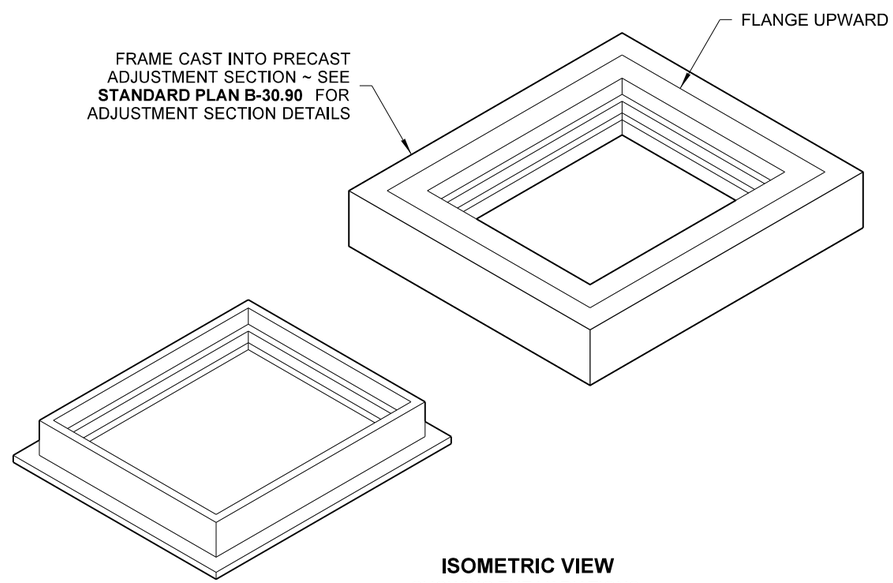
DETAIL B

NOTES

1. This frame is designed to accommodate 20" (in) × 24" (in) grates or covers as shown on **Standard Plans B-30.20, B-30.30, B-30.40,** and **B-30.50.**
2. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC × 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
3. Refer to **Standard Specification Section 9-05.15** and **9-05.15(2)** for additional requirements.



BOLT-DOWN DETAILS
SEE NOTE 2



ISOMETRIC VIEW
SHOWING THE VARIATIONS

JULIE HEILMAN
STATE OF WASHINGTON
41819
REGISTERED
PROFESSIONAL ENGINEER

Heilman, Julie
Feb 20 2018 12:52 PM
cosign

RECTANGULAR FRAME (REVERSIBLE)

STANDARD PLAN B-30.10-03

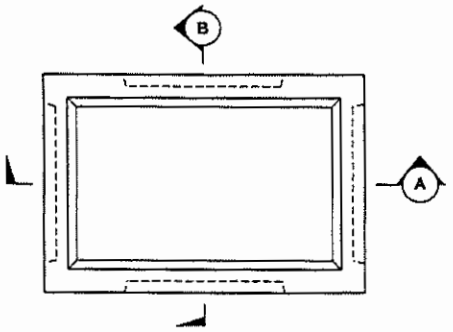
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Carpenter, Jeff
Feb 27 2018 7:55 AM
cosign

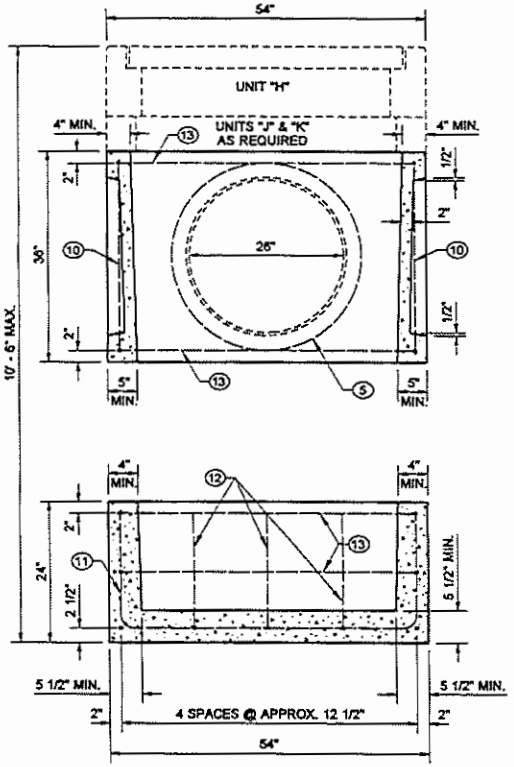
STATE DESIGN ENGINEER
Washington State Department of Transportation

DRAWN BY: FERN LIDDELL

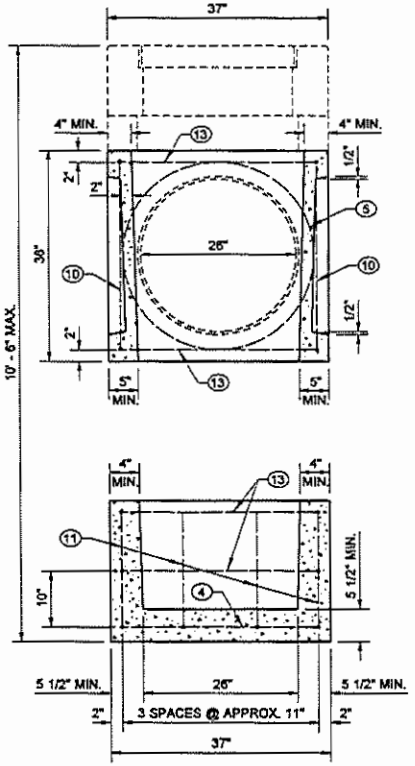
DRAWN BY: ADAM COCHRAN



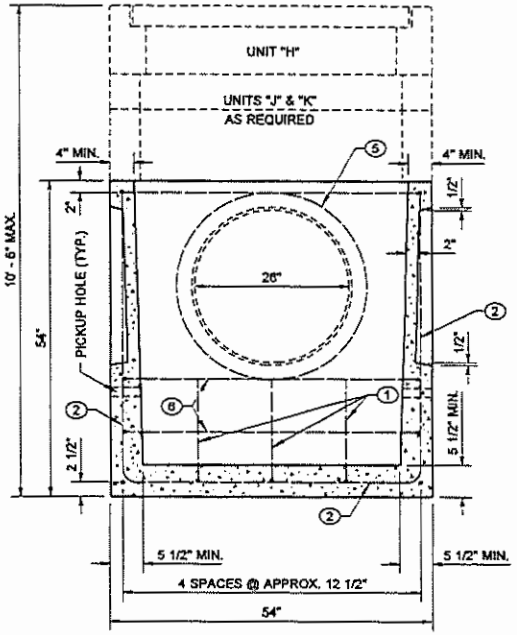
TOP VIEW



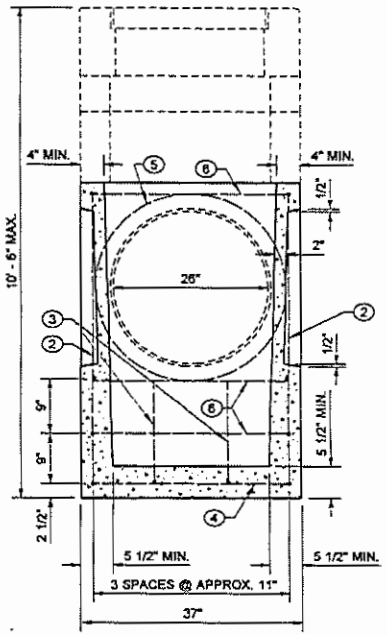
SECTION (A) TWO PIECE BASE



SECTION (B) TWO PIECE BASE



SECTION (A) ONE PIECE BASE



SECTION (B) ONE PIECE BASE

PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE	18"
ALL METAL PIPE	21"
CPSSP * (STD. SPEC. 9-05.20)	18"
SOLID WALL PVC (STD. SPEC. 9-05.12(1))	21"
PROFILE WALL PVC (STD. SPEC. 9-05.12(2))	21"

* CORRUGATED POLYETHYLENE STORM SEWER PIPE

MATTHEW J. WITECKI
STATE OF WASHINGTON
15581
REGISTERED
PROFESSIONAL ENGINEER
6/8/06

EXPIRES JULY 1, 2007

GRATE INLET TYPE 2

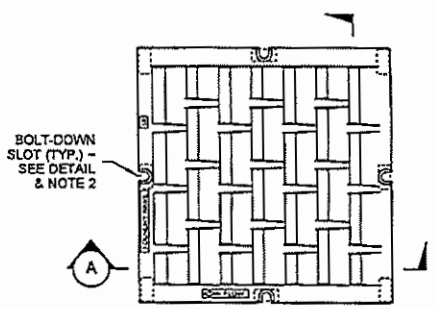
STANDARD PLAN B-35.40-00

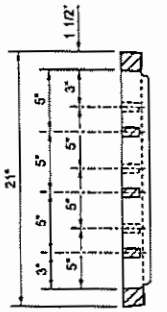
SHEET 1 OF 2 SHEETS

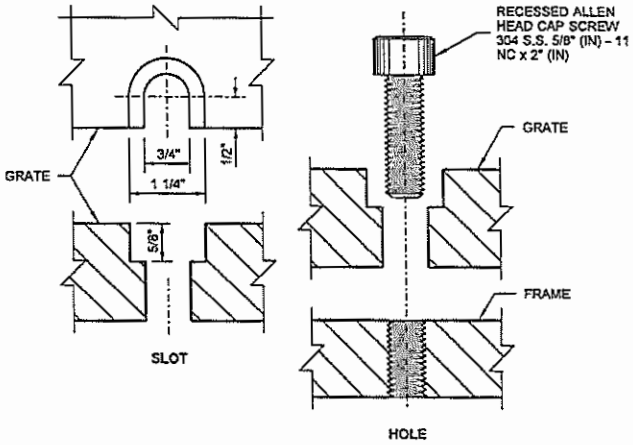
APPROVED FOR PUBLICATION

Harold Petersen 6-8-06
STATE DESIGN ENGINEER — DATE

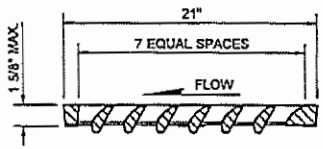
Washington State Department of Transportation





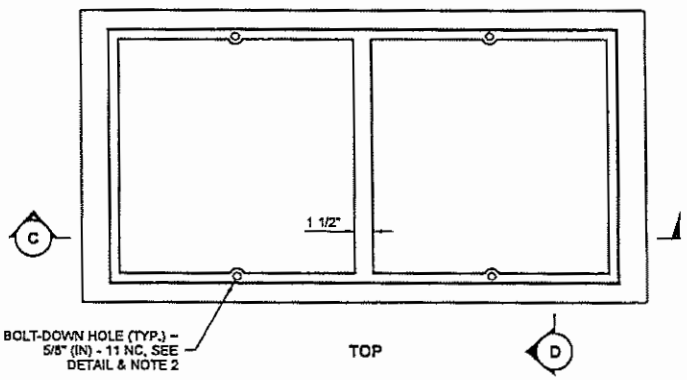


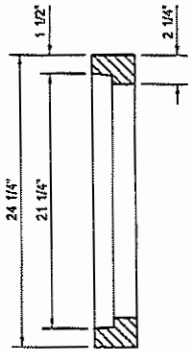
BOLT-DOWN DETAILS
SEE NOTE 2

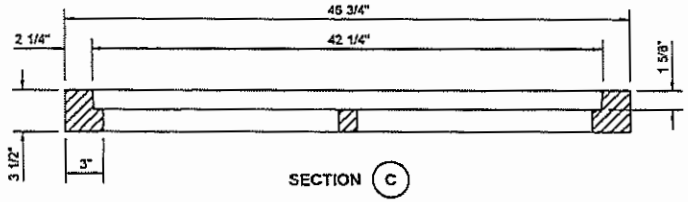


SECTION A

GRATE







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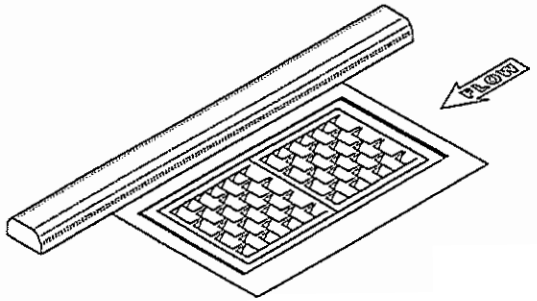
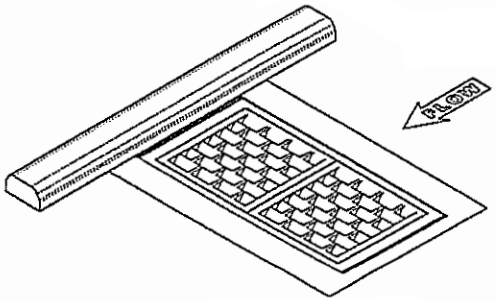


NORMAL INSTALLATION



ROTATED INSTALLATION

ISOMETRIC VIEWS
SEE NOTE 1

NOTES

1. The Contract may specify a rotated inlet installation. Orient the grates in the frame so they intercept flow.
2. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC × 2" (in) Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
3. Refer to **Standard Specification Section 9-05-15(2)** for additional requirements.
4. Frame and Grates shall be Ductile Iron.

DRAWN BY: LISA CYFORD

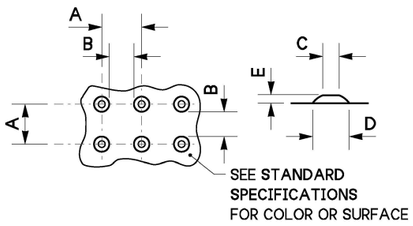
JULIE HEILMAN
STATE OF WASHINGTON
41819
REGISTERED
PROFESSIONAL ENGINEER

Heilman, Julie
Jan 25 2017 3:01 PM

FRAME AND DUAL VANED GRATES FOR GRATE INLET STANDARD PLAN B-40.40-02

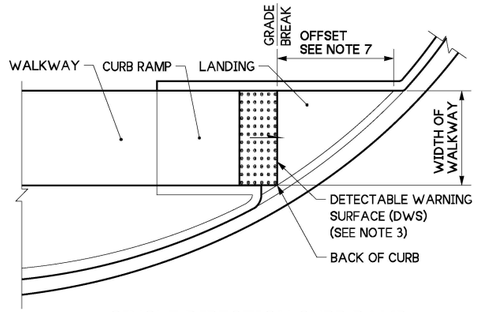
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Carpenter, Jeff
Jan 26 2017 6:52 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

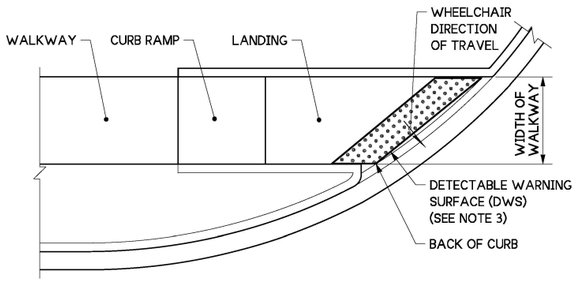


	MIN.	MAX.
A	1.60"	2.40"
B	0.65"	
C	0.45"	0.90"
D	0.90"	1.40"
E	0.20"	0.20"

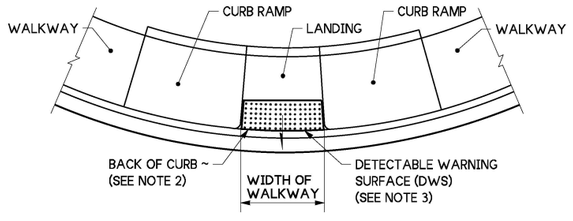
TRUNCATED DOME DETAILS
(SEE NOTE 3)



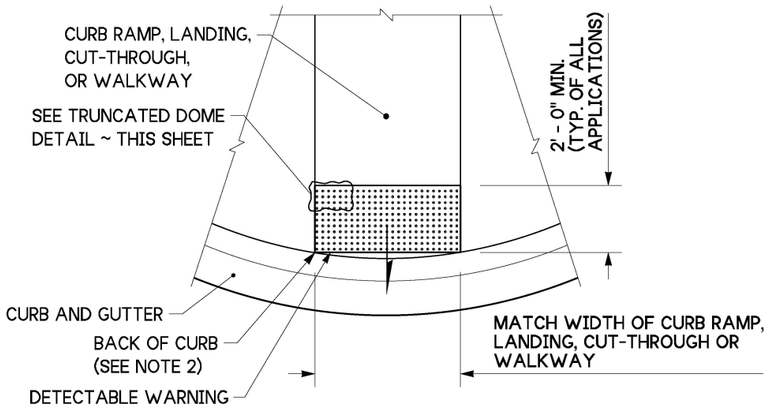
SINGLE DIRECTION CURB RAMP
(GRADE BREAK BETWEEN CURB AND LANDING < 5 FEET FROM BACK OF CURB)
(SEE NOTE 5)



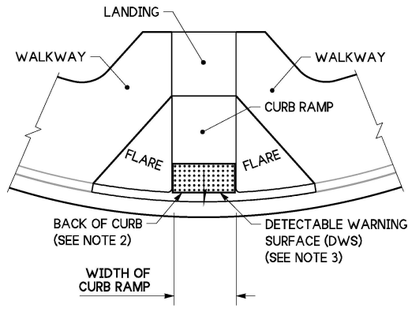
SINGLE DIRECTION CURB RAMP
(GRADE BREAK BETWEEN CURB AND LANDING > 5 FEET FROM BACK OF CURB)
(SEE NOTE 5)



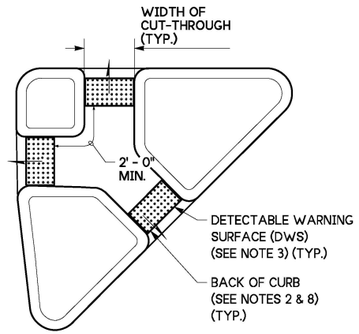
PARALLEL CURB RAMP
(SEE NOTE 6)



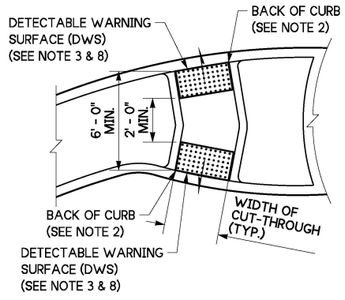
DETECTABLE WARNING SURFACE DETAIL



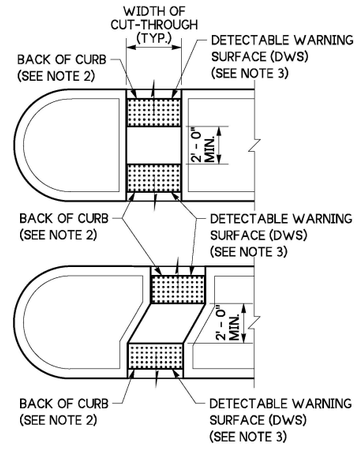
PERPENDICULAR CURB RAMP
(SEE NOTE 6)



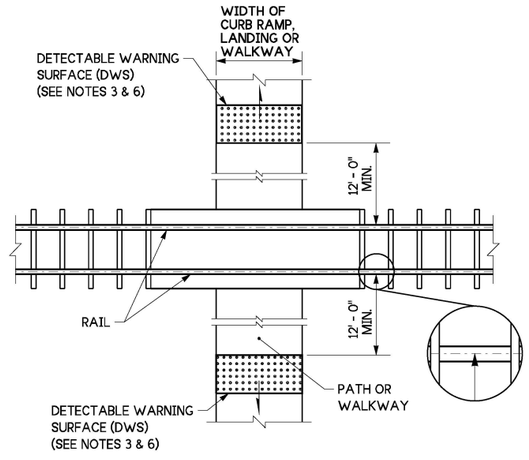
ISLAND CUT-THROUGH



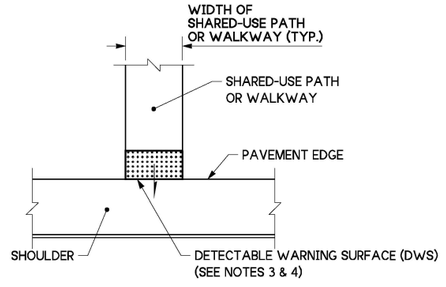
ROUNDABOUT SPLITTER ISLAND



MEDIAN CUT-THROUGH



PEDESTRIAN PAILROAD CROSSING



SHARED-USE PATH CONNECTION

NOTES:

1. Permanent Detectable Warning Surfaces (DWS) shall extend the full width of the curb ramp, landing, or other roadway entrance as applicable. Exception: If the manufacturer of the DWS requires a concrete border around the DWS, a variance of up to 2" (in) on each side of the DWS is permitted.

2. Permanent Detectable Warning Surfaces (DWS) shall be placed on a minimum 4" (in) thick concrete pad. The DWS panel shall be placed adjacent to the back of the curb and with no more than a 2" (in) gap between the DWS and the back of the curb measured at the center of the DWS panel. Exception: If the Manufacturer of the selected DWS requires a concrete border around the DWS, a variance of up to 2" (in) from the back of the curb is permitted (measured at the leading corners of the DWS panel).

3. The rows of truncated domes shall be aligned to be parallel to the direction of travel, and perpendicular to the grade break at the back of curb.

4. If curb and gutter are not present, such as a shared-use path connection, the Detectable Warning Surface shall be placed at the pavement edge.

5. See **Standard Plans** for sidewalk and curb ramp details.

6. If a curb ramp is required, the location of the Detectable Warning Surface must be at the bottom of the ramp and within the required distance from the rail crossing.

7. When the grade break between the curb ramp and the landing is less than or equal to 5 feet from the back of curb at all points, place the Detectable Warning Surface on the bottom of the curb ramp directly above the grade break.

8. Glued or stick down Detectable Warning Surfaces are allowed only for temporary work zone applications.

LEGEND

DIRECTION OF TRAVEL

JOANNA W. LOWREY
STATE OF WASHINGTON
42015
REGISTERED
PROFESSIONAL ENGINEER

Jun 4, 2024

DETECTABLE WARNING SURFACE

STANDARD PLAN F-45.10-05

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Mark A Doires Jun 4, 2024

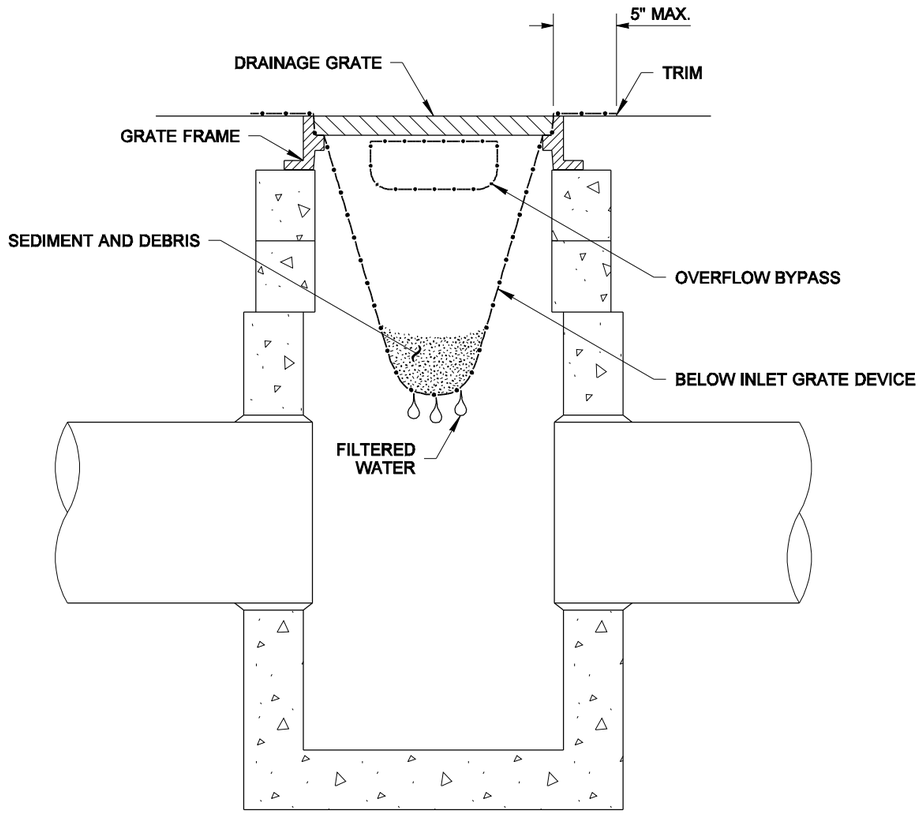
STATE DESIGN ENGINEER

Washington State Department of Transportation

DRAWN BY: LISA CYFORD

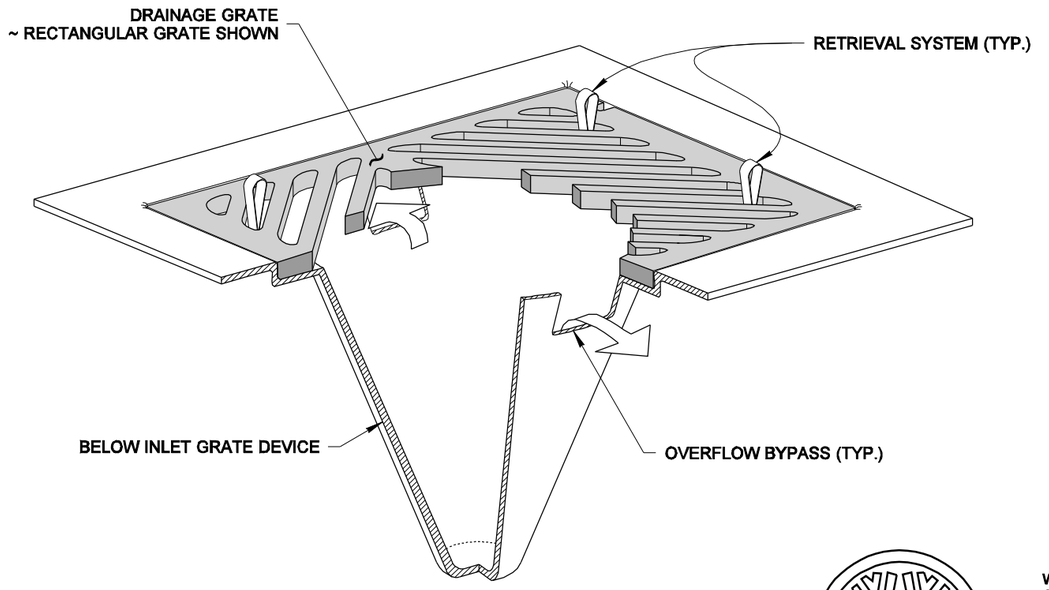
NOTES

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 8-01.3(15).



SECTION VIEW

NOT TO SCALE



ISOMETRIC VIEW

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

MARK W. MAURER
CERTIFICATE NO. 000598

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

STORM DRAIN INLET PROTECTION

STANDARD PLAN I-40.20-00

SHEET 1 OF 1 SHEET

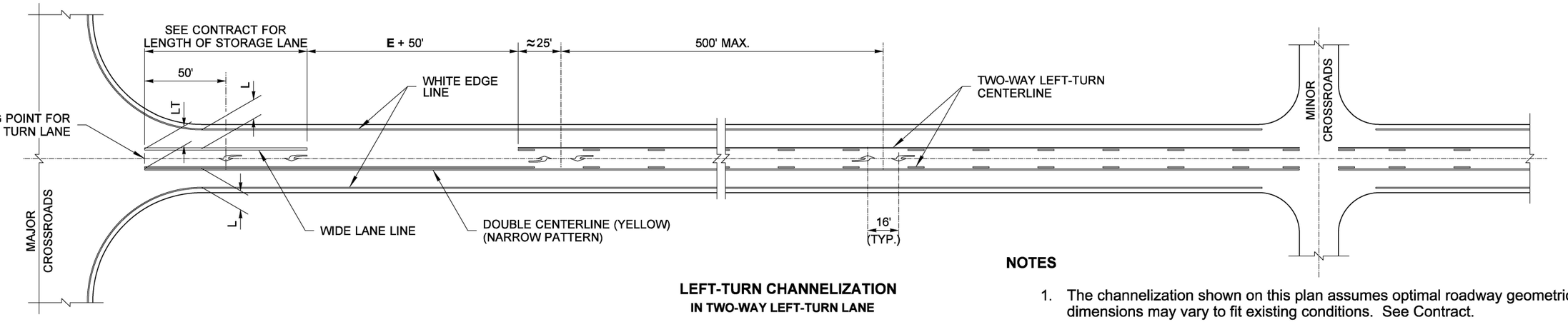
APPROVED FOR PUBLICATION

Pasco Bakotich III — STATE DESIGN ENGINEER

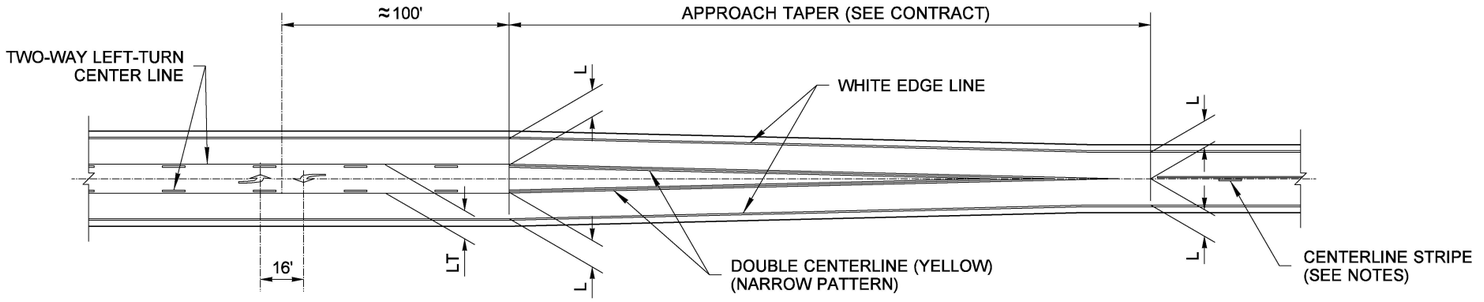
09-20-07 — DATE

Washington State Department of Transportation

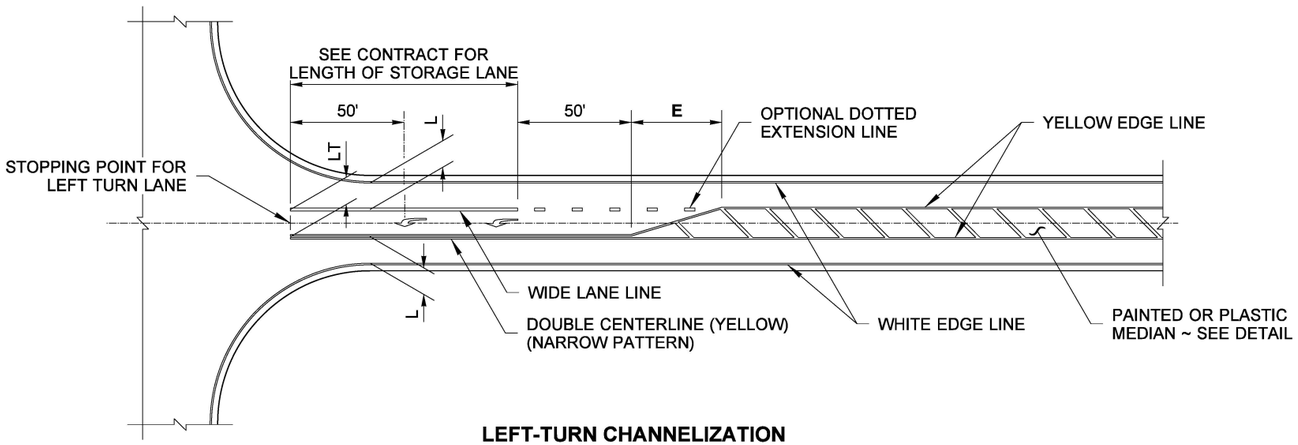
DRAWN BY: FERN LIDDELL



LEFT-TURN CHANNELIZATION
IN TWO-WAY LEFT-TURN LANE



TWO-WAY LEFT-TURN LANE
TRANSITION



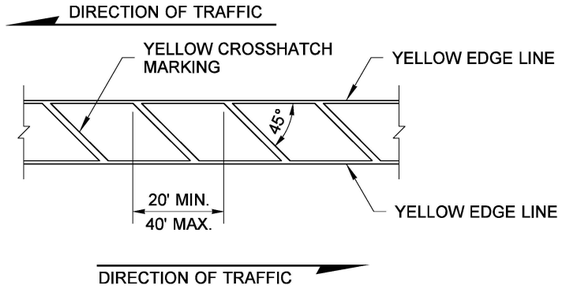
LEFT-TURN CHANNELIZATION
IN PAINTED MEDIAN

NOTES

1. The channelization shown on this plan assumes optimal roadway geometric design. The dimensions may vary to fit existing conditions. See Contract.
2. The channelization shown on this plan is for a two-lane highway. The channelization plan may be used on four-lane undivided highways with the appropriate considerations.
3. Centerline striping on the approach to raised channelization shall be No Pass in accordance with MUTCD figure 3B-15. Centerline striping on the departure from raised channelization shall be determined by an engineering study.
4. Centerline srtiping on the approach to and departure from painted channelization shall be determined by an engineering study.
5. Centerline striping on four-lane undivided highways shall be a double centerline.
6. The two Type 2L (SL) Traffic Arrows shown in the left-turn storage lane are optional, but recommended. Arrows may be added for longer storage lanes or deleted for shorter storage lanes. See Contract Plans.

POSTED SPEED	DIMENSION E ①
60 MPH	180'
55 MPH	180'
50 MPH	180'
45 MPH	180'
40 MPH	120'
35 MPH	120'
30 MPH	120'
25 MPH	120'
20 MPH	120'

① Can be reduced to a minimum of 50' to increase storage capacity.



PAINTED OR PLASTIC MEDIAN
COMPOSED OF LONGITUDINAL MARKINGS

LEGEND

L = Lane Width. See Contract for specified lane widths.
L T = Left -Turn Lane width. See Contract
Type 2L (SL) Traffic Arrow

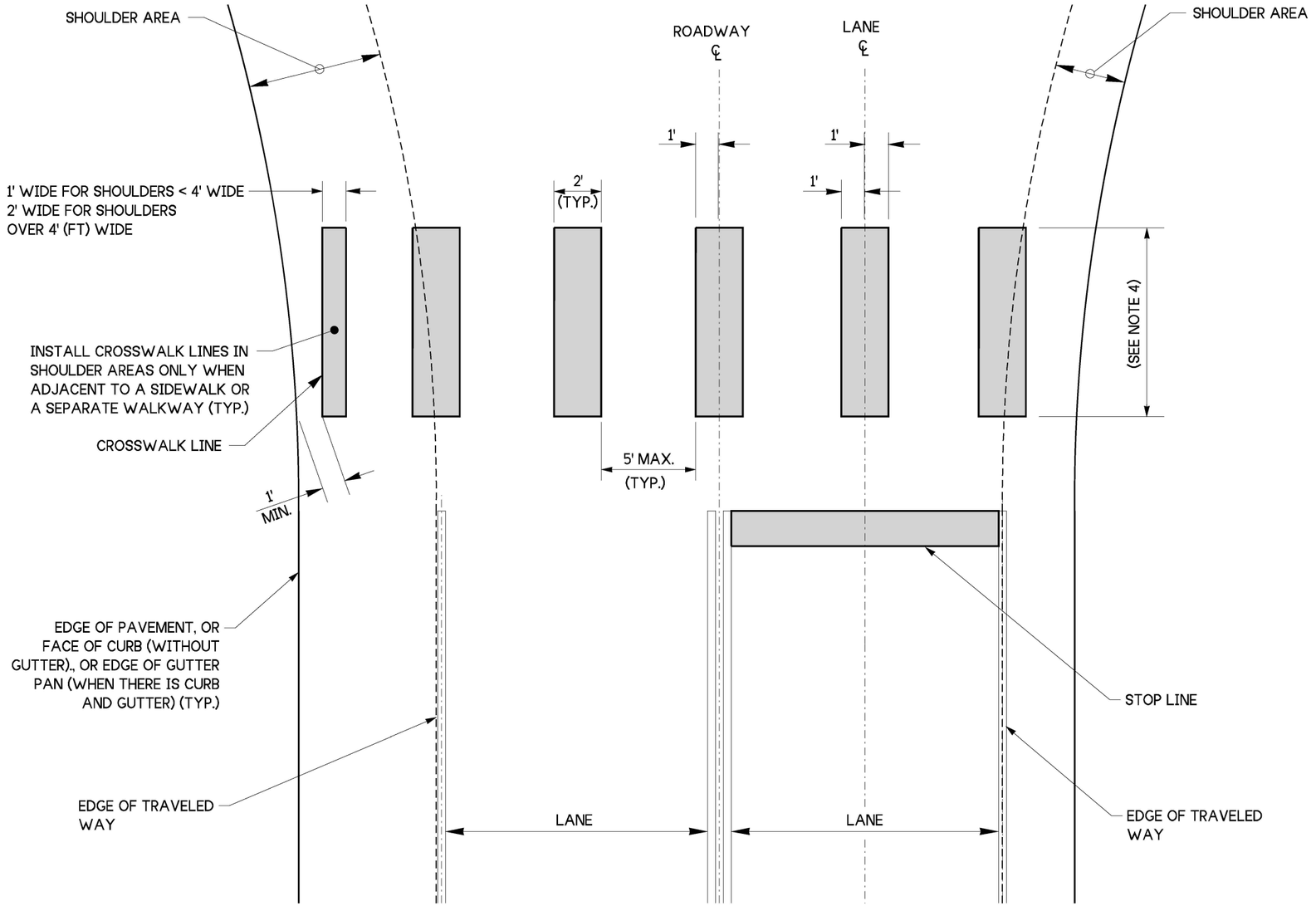
BRIAN J. WALSH
STATE OF WASHINGTON
36103
REGISTERED
PROFESSIONAL ENGINEER

Walsh, Brian
Sep 23 2020 2:03 PM
cosign

TWO-WAY LEFT-TURN AND MEDIAN CHANNELIZATION STANDARD PLAN M-3.40-04

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
(E X I
14:55:19 -07'00'
STATE DESIGN ENGINEER
Washington State Department of Transportation



CROSSWALK DETAIL

NOTES:

1. See Contract Plans for crosswalk locations.
2. To the maximum extent possible, curb ramp centerline should be perpendicular to the crosswalk centerline.
3. To the maximum extent possible, crosswalks should be perpendicular to the traveled way centerline.
4. See Contract plans for crosswalk width.
5. To maximim extent possible, place crosswalk bars out of the wheel paths.

SCOTT ANDREW DAVIS
STATE OF WASHINGTON
37361
REGISTERED
PROFESSIONAL ENGINEER

Scott A Davis (Jul 17, 2023 15:48 PDT)

Jul 17, 2023

CROSSWALK LAYOUT

STANDARD PLAN M-15.10-02

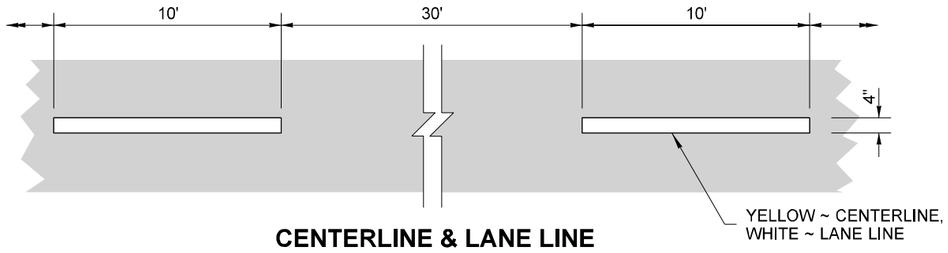
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

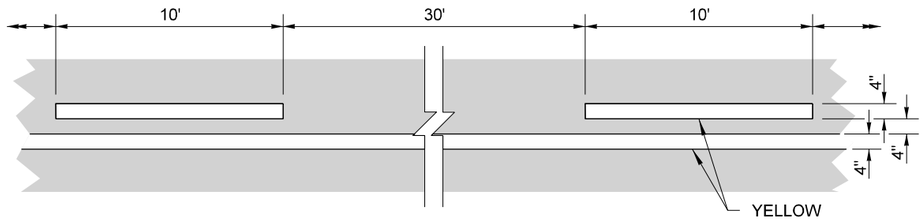
Mark A Gaines Jul 17, 2023

STATE DESIGN ENGINEER

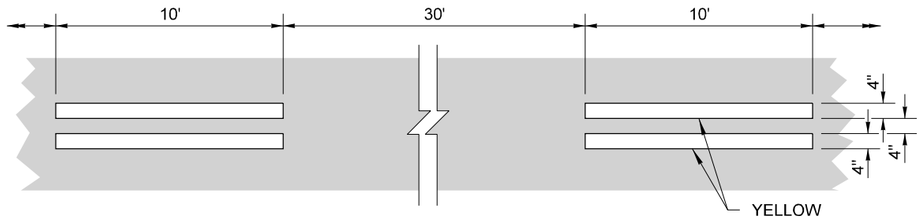
Washington State
Department of Transportation



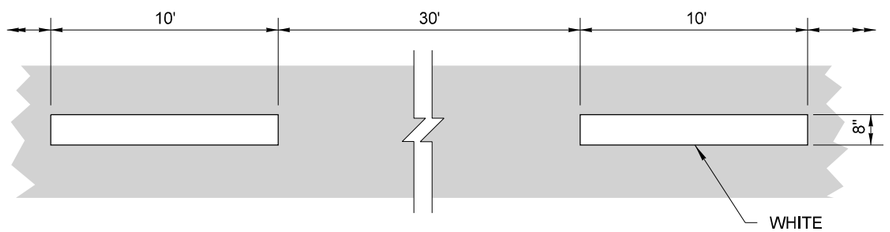
CENTERLINE & LANE LINE



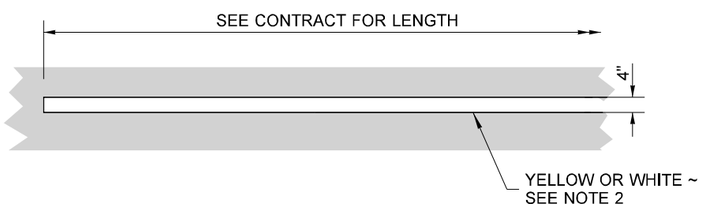
NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE



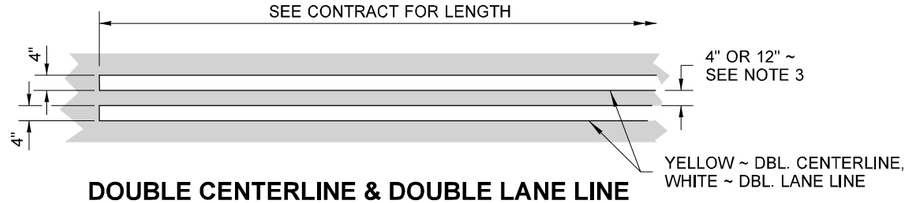
REVERSIBLE LANE LINE



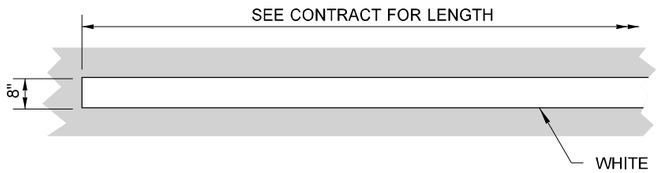
WIDE BROKEN LANE LINE



EDGE LINE & SOLID LANE LINE

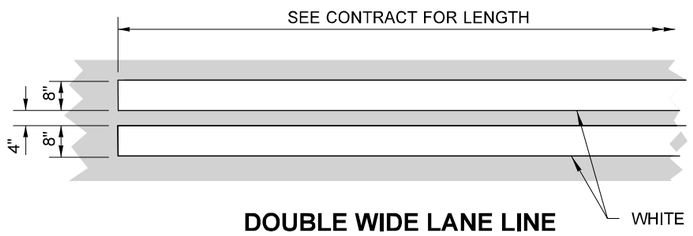


DOUBLE CENTERLINE & DOUBLE LANE LINE

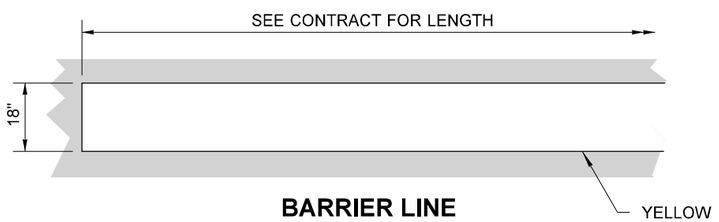


WIDE EDGE LINE & WIDE SOLID LANE LINE

OPTION TO USE AS CIRCULATORY ON ROUNDABOUT APPLICATIONS



DOUBLE WIDE LANE LINE



BARRIER LINE

NOTES

1. Dotted Extension Line shall be the same color as the line it is extending.
2. Edge Line shall be white on the right edge of traveled way, and yellow on the left edge of traveled way (on one-way roadways). Solid Lane Line shall be white.
3. The distance between the lines of the Double Centerline shall be 12" everywhere, except 4" for left-turn channelization and narrow roadways with lane widths of 10 feet or less. Local Agencies (on non-state routes) may specify a 4" distance for all locations.

   The distance between the lines of the Double Lane Line shall be 4".

DRAWN BY: FERN LIDDELL

BRIAN J. WALSH
STATE OF WASHINGTON
36103
REGISTERED
PROFESSIONAL ENGINEER
Brian J Walsh
Brian J Walsh (Aug 1, 2022 PDT)

Aug 1, 2022

LONGITUDINAL MARKING PATTERNS

STANDARD PLAN M-20.10-04

SHEET 1 OF 4 SHEETS

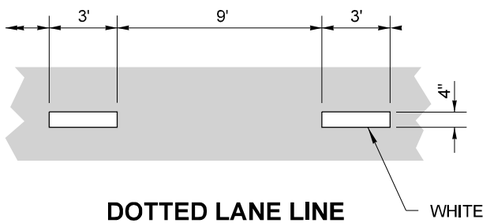
APPROVED FOR PUBLICATION

Mark Gaines
Mark Gaines (Aug 2, 2022 10:17 PDT)

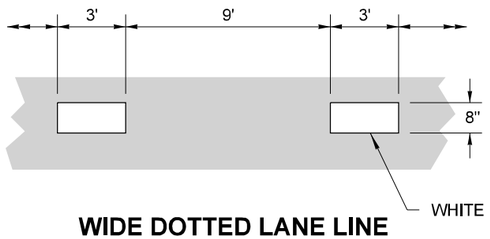
Aug 2, 2022

STATE DESIGN ENGINEER

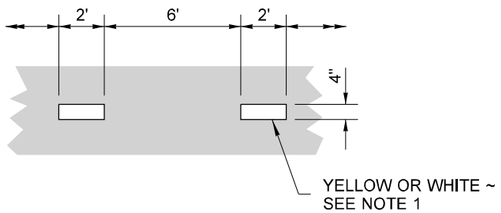
Washington State Department of Transportation



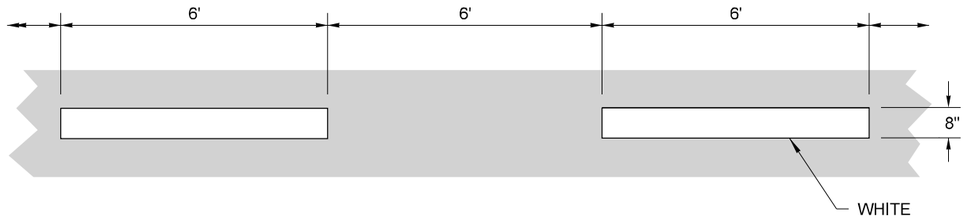
DOTTED LANE LINE



WIDE DOTTED LANE LINE



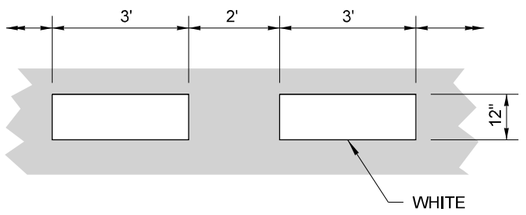
DOTTED EXTENSION LINE



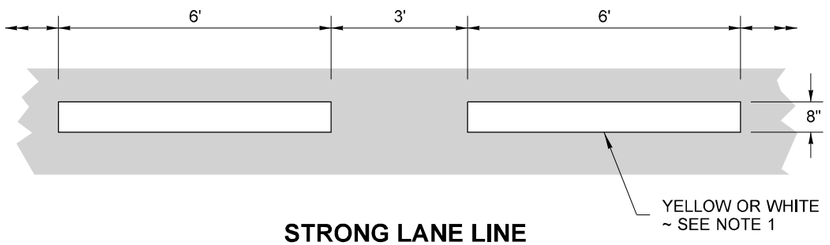
WIDE DOTTED EXTENSION LINE

DRAWN BY: FERN LIDDELL

ROUNDABOUT SPECIFIC LINES

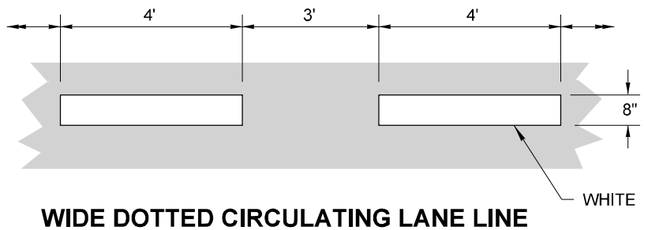


WIDE DOTTED ENTRY LINE



STRONG LANE LINE

OPTION TO USE AS CIRCULATORY ON ROUNDABOUT APPLICATIONS



WIDE DOTTED CIRCULATING LANE LINE

BRIAN J. WALSH
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Brian J Walsh
Brian J Walsh (Aug 1, 2022 PDT)

Aug 1, 2022

LONGITUDINAL MARKING PATTERNS

STANDARD PLAN M-20.10-04

APPROVED FOR PUBLICATION

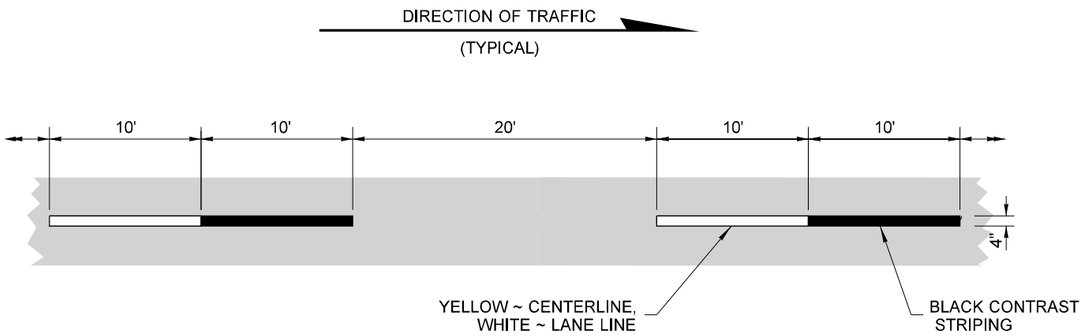
Mark Gaines
Mark Gaines (Aug 2, 2022 10:17 PDT)

Aug 2, 2022

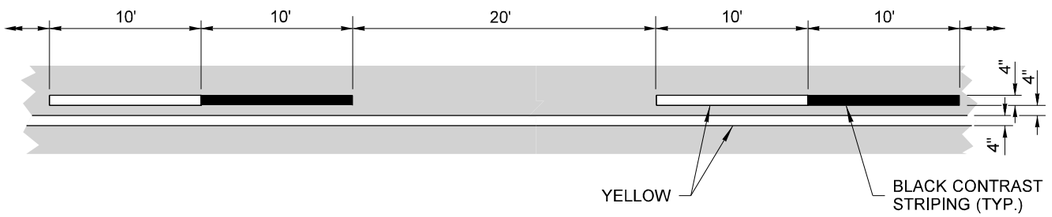
STATE DESIGN ENGINEER

Washington State Department of Transportation

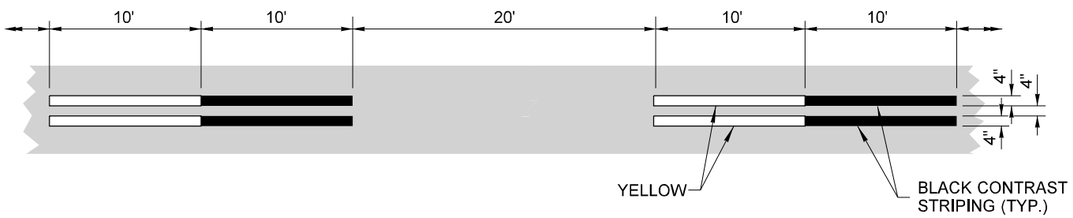
DRAWN BY: FERN LIDDELL



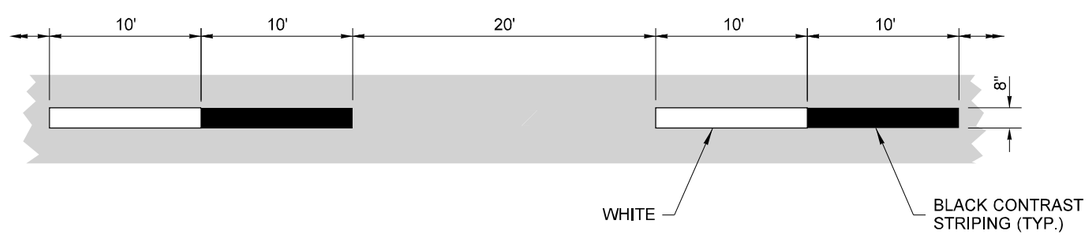
CENTERLINE & LANE LINE



NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE



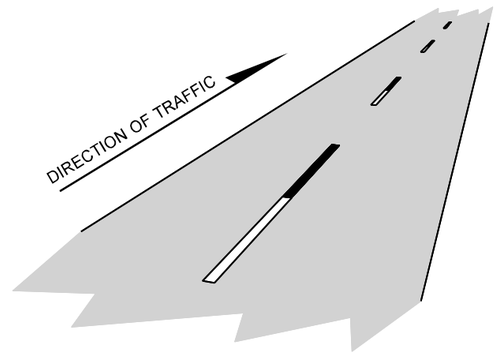
REVERSIBLE LANE LINE



WIDE BROKEN LANE LINE

NOTE

1. Dotted Extension Line shall be the same color as the line it is extending.



ISOMETRIC VIEW

BRIAN J. WALSH
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PROFESSIONAL ENGINEER

Brian J Walsh
Brian J Walsh (Aug 1, 2022 PDT)

Aug 1, 2022

LONGITUDINAL MARKING PATTERNS

STANDARD PLAN M-20.10-04

SHEET 3 OF 4 SHEETS

APPROVED FOR PUBLICATION

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Mark Gaines (Aug 2, 2022 10:17 PDT)

Aug 2, 2022

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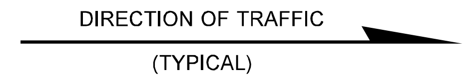
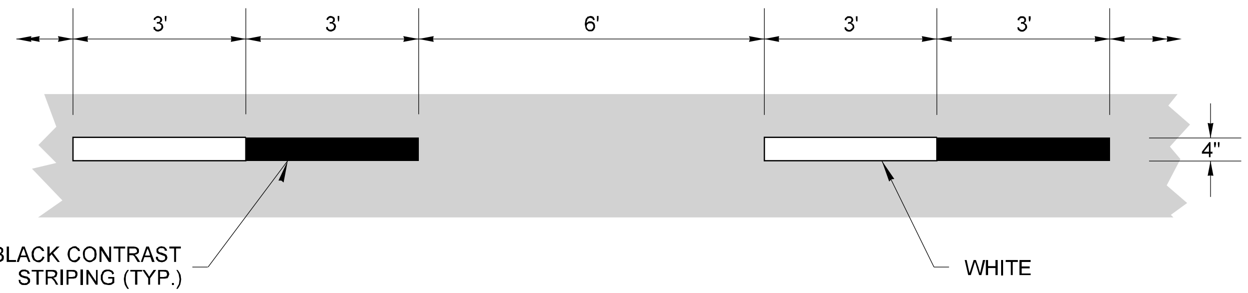
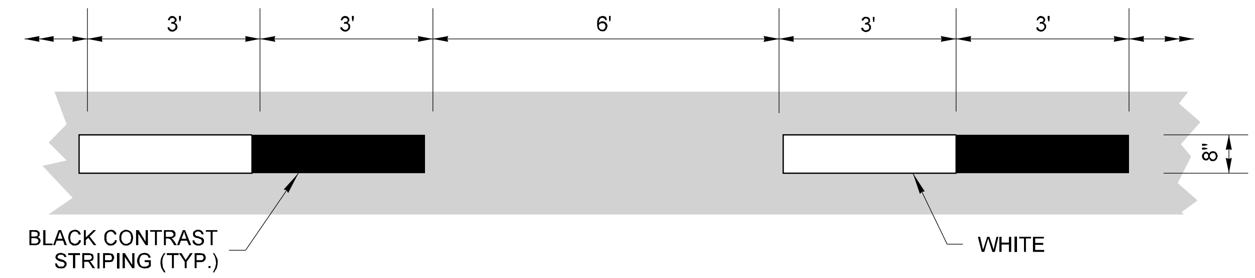
Washington State Department of Transportation

DRAWN BY: FERN LIDDELL

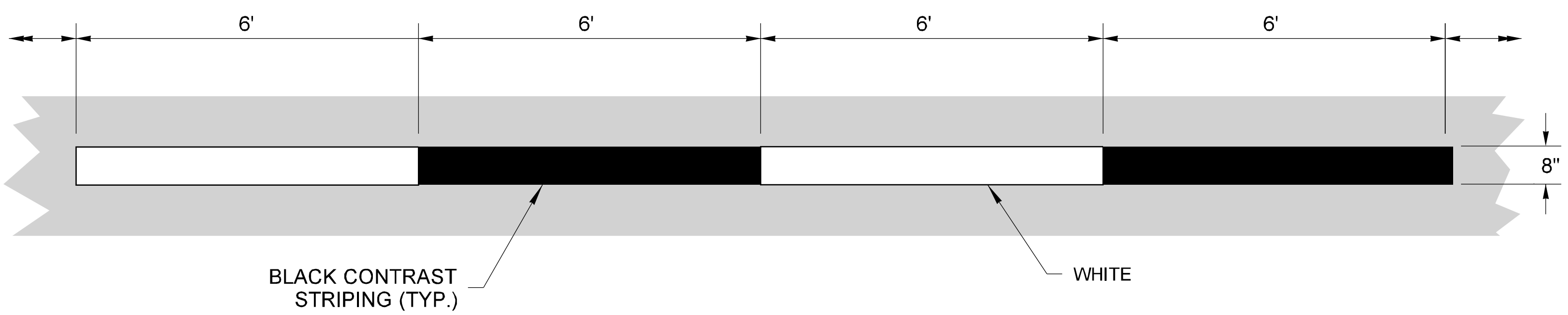




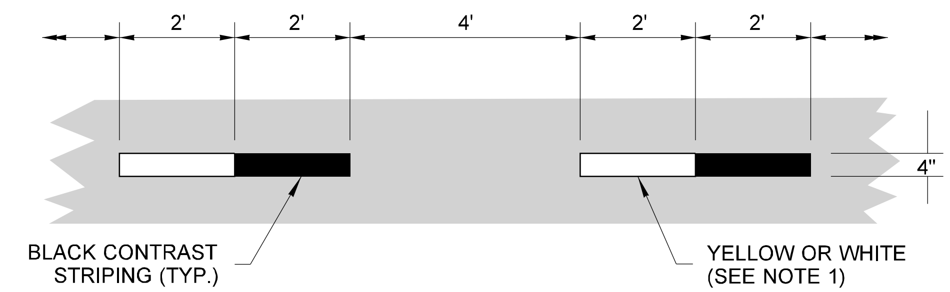
DOTTED LANE LINE



WIDE DOTTED LANE LINE

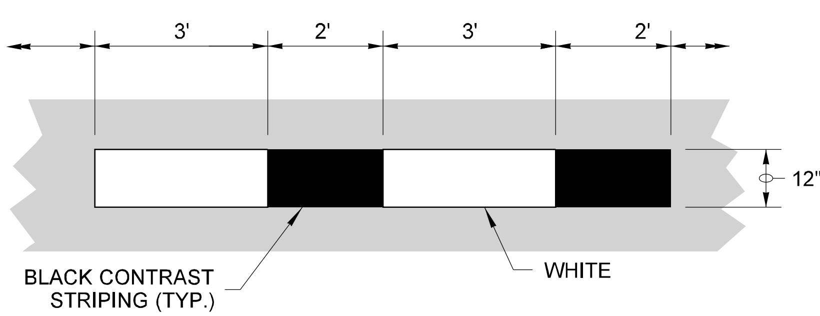


WIDE DOTTED EXTENSION LINE

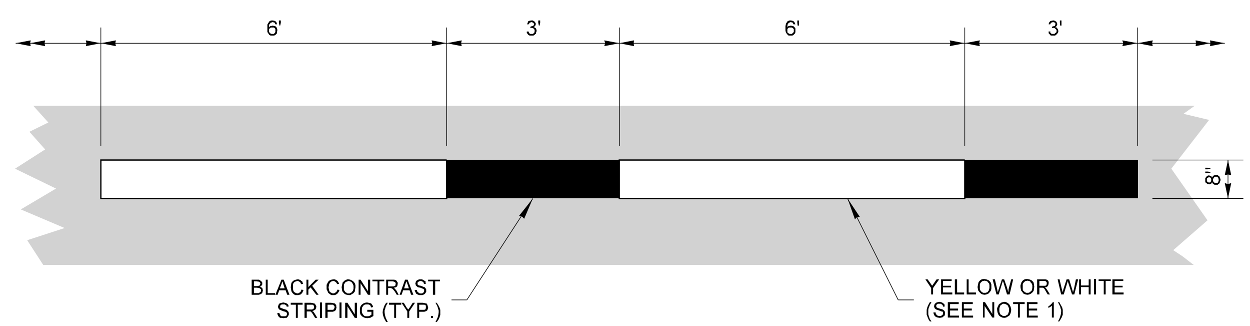


DOTTED EXTENSION LINE

ROUNDABOUT SPECIFIC LINES

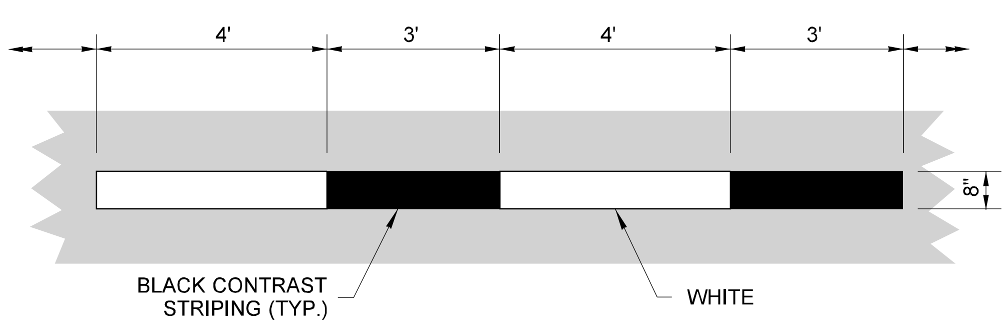


WIDE DOTTED ENTRY LINE



STRONG LANE LINE

OPTION TO USE AS CIRCULATORY ON ROUNDABOUT APPLICATIONS



WIDE DOTTED CIRCULATING LANE LINE

Aug 1, 2022

LONGITUDINAL MARKING PATTERNS

STANDARD PLAN M-20.10-04

SHEET 4 OF 4 SHEETS

APPROVED FOR PUBLICATION

Mark Gaines Aug 2, 2022

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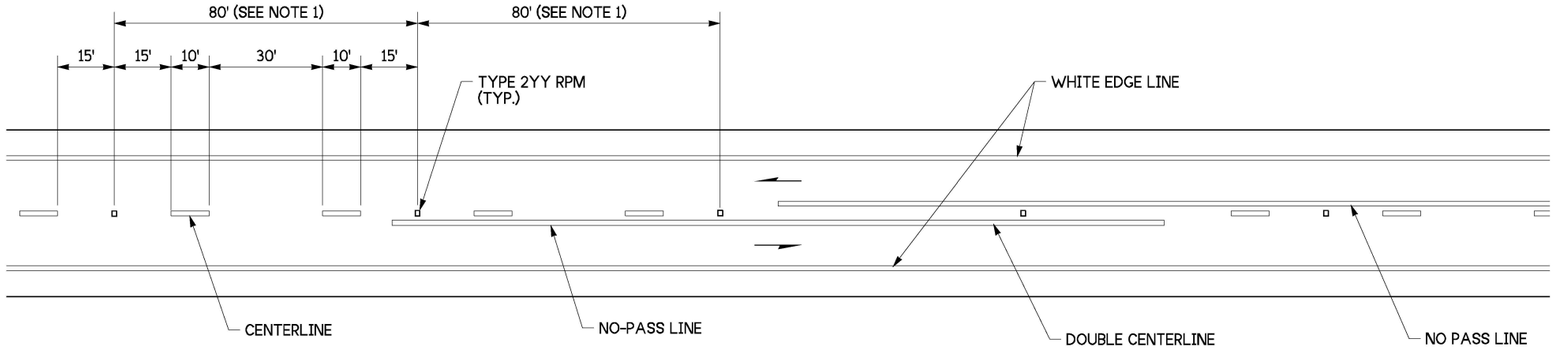
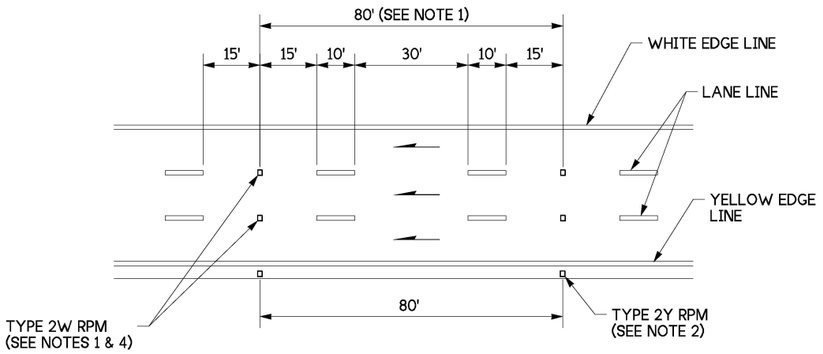
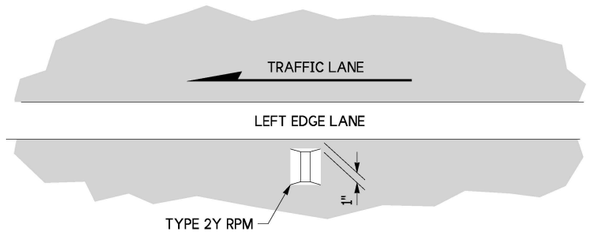


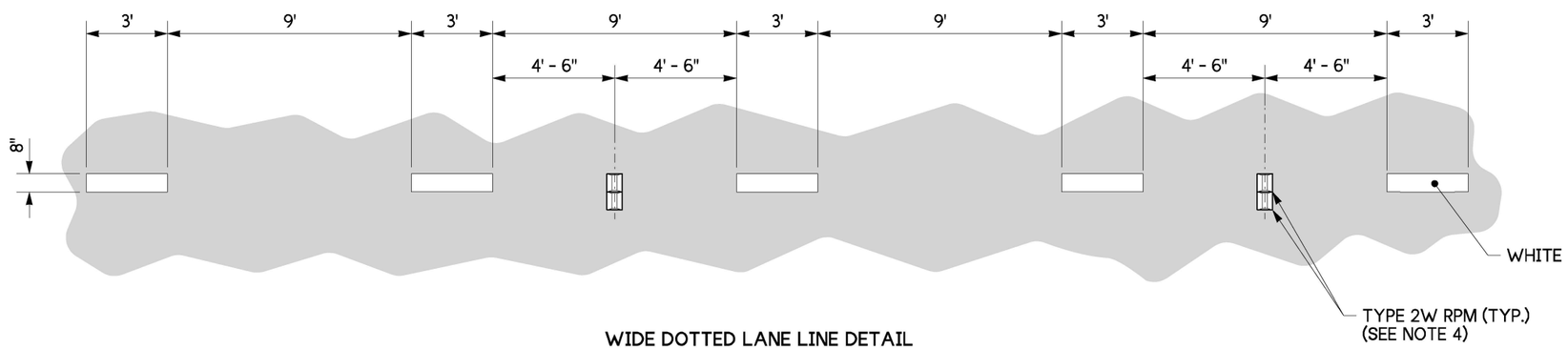
TWO-LANE TWO-WAY TRAFFIC



MULTI-LANE ONE-WAY TRAFFIC



LEFT EDGE OF LANE PLACEMENT DETAIL
(SEE NOTE 2)



WIDE DOTTED LANE LINE DETAIL
(SEE NOTE 6)

8"

NOTES:

1. Raised Pavement Markers Types 2YY and 2W, spaced at 80' (ft) intervals on tangents and on horizontal curves with a radius of 1500' (ft) or more, and at 40' (ft) intervals on horizontal curves having radii of less than 1500' (ft). Center the RPMs in the gaps between the pavement marking lines.

2. Type 2Y RPMs, when specified, placed outside the left Edge Line at 80' (ft) intervals. See "LEFT EDGE OF LANE PLACEMENT DETAIL."

3. Recessed pavement markers, when specified, installed at the locations shown for Type 2W RPMs multilane one-way roadways, and Type 2YY RPMs on two-lane two-way roadways.

4. The Type 2W RPMs placed on multilane one-way roadways and all RPMs set in recesses shall have an abrasion-resistant coating.

5. Do not recess side-to-side RPMs on Wide Dotted Lane Lines.

TYPE 2 RPM RAISED FACE COLORS	
TYPE 2YY	YELLOW AND YELLOW
TYPE 2W	WHITE ~ ONE SIDE ONLY
TYPE 2Y	YELLOW ~ ONE SIDE ONLY

SCOTT ANDREW DAVIS
STATE OF WASHINGTON
Scott A. Davis (Jun 28, 2024 08:25 PDT)
37361
REGISTERED
PROFESSIONAL ENGINEER

Jun 28, 2024

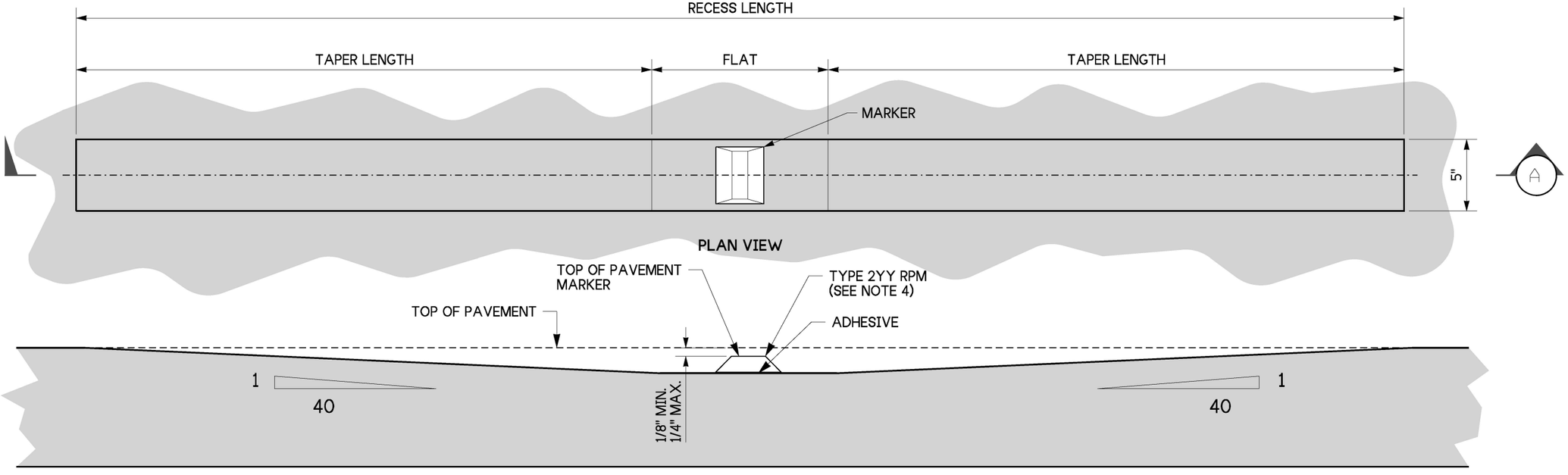
LONGITUDINAL MARKING SUPPLEMENT WITH RAISED PAVEMENT MARKERS STANDARD PLAN M-20.30-05

APPROVED FOR PUBLICATION

Mark A Dawes Jun 28, 2024

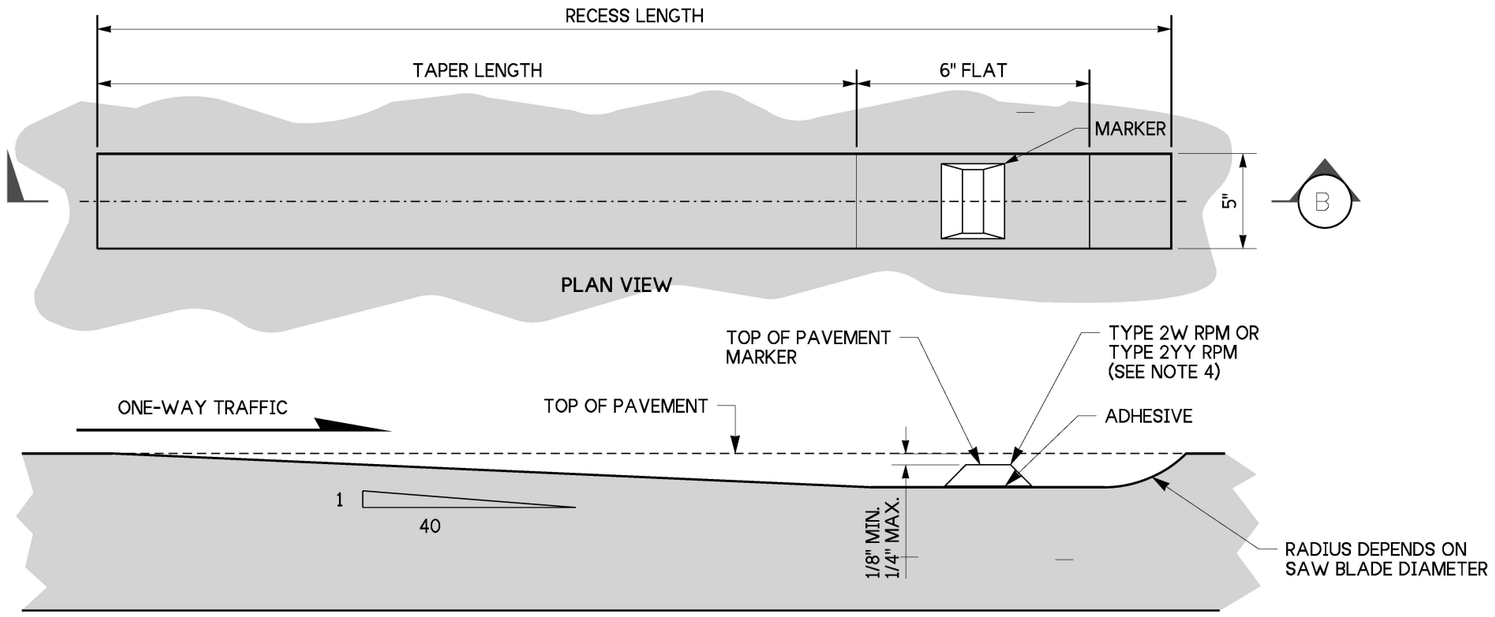
STATE DESIGN ENGINEER

Washington State Department of Transportation



TWO-WAY ROADWAY RESESSED
PAVEMENT MARKER DETAIL

(FOR USE WHERE SPECIFIED IN CONTRACT)



SECTION (B)

ONE-WAY ROADWAY RESESSED
PAVEMENT MARKER DETAIL

(FOR USE WHERE SPECIFIED IN CONTRACT)

SCOTT ANDREW DAVIS
STATE OF WASHINGTON
37361
REGISTERED
PROFESSIONAL ENGINEER
Scott A. Davis (Jun 28, 2024 08:25 PDT)

Jun 28, 2024

LONGITUDINAL MARKING SUPPLEMENT WITH RAISED PAVEMENT MARKERS STANDARD PLAN M-20.30-05

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

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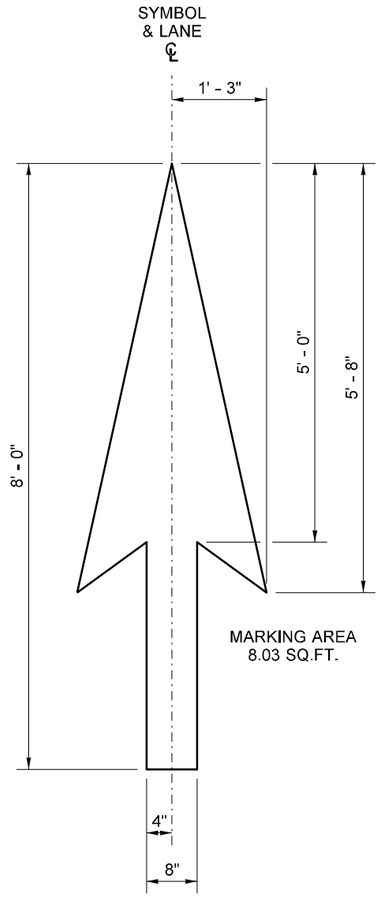
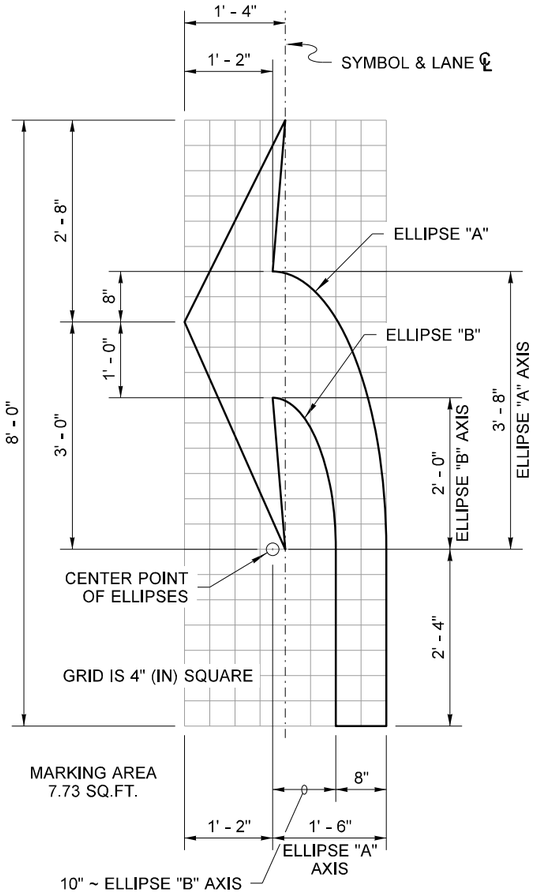


TYPE 1S
TRAFFIC ARROW

TYPE 2SR (RIGHT)
TRAFFIC ARROW

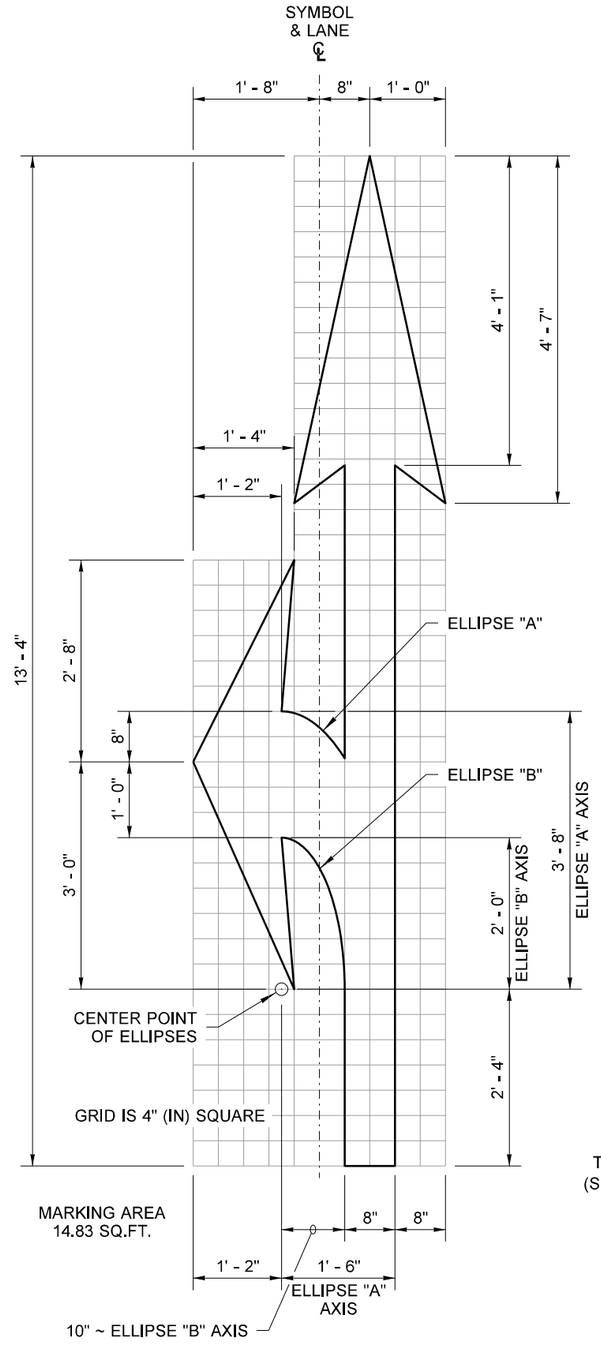
MIRROR IMAGE OF
TYPE 2SL TRAFFIC ARROW
(SHOWN AT REDUCED SCALE)



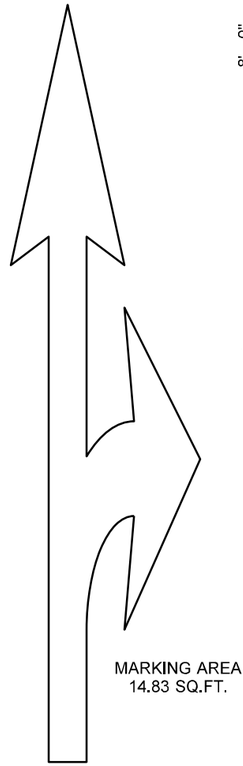
TYPE 2SL (LEFT) TRAFFIC ARROW

NOTE

Use the dimensions shown on this plan for each type of Traffic Arrow being placed on roadways with a posted speed limit of 40 mph or lower.

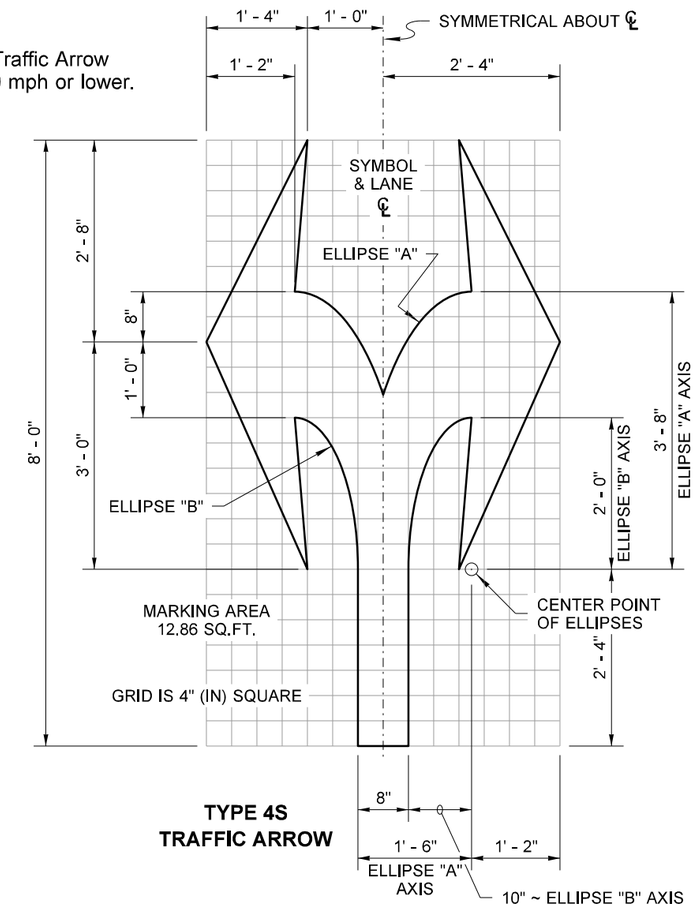


TYPE 3SL (LEFT) TRAFFIC ARROW



TYPE 3SR (RIGHT)
TRAFFIC ARROW

MIRROR IMAGE OF
TYPE 3SL TRAFFIC ARROW
(SHOWN AT REDUCED SCALE)



TYPE 4S
TRAFFIC ARROW

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36103
REGISTERED
PROFESSIONAL ENGINEER

Walsh, Brian
Apr 16 2015 2:21 PM

SYMBOL MARKINGS ~ TRAFFIC ARROWS FOR LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02

SHEET 1 OF 2 SHEETS

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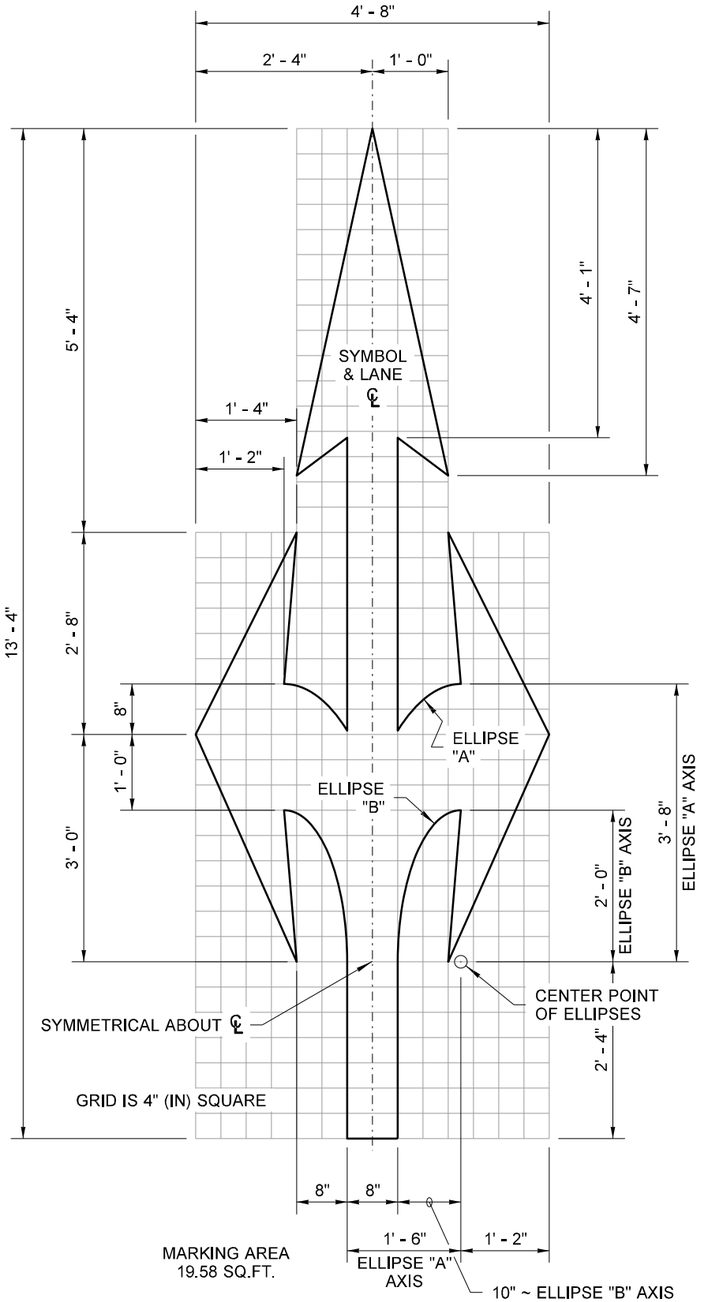
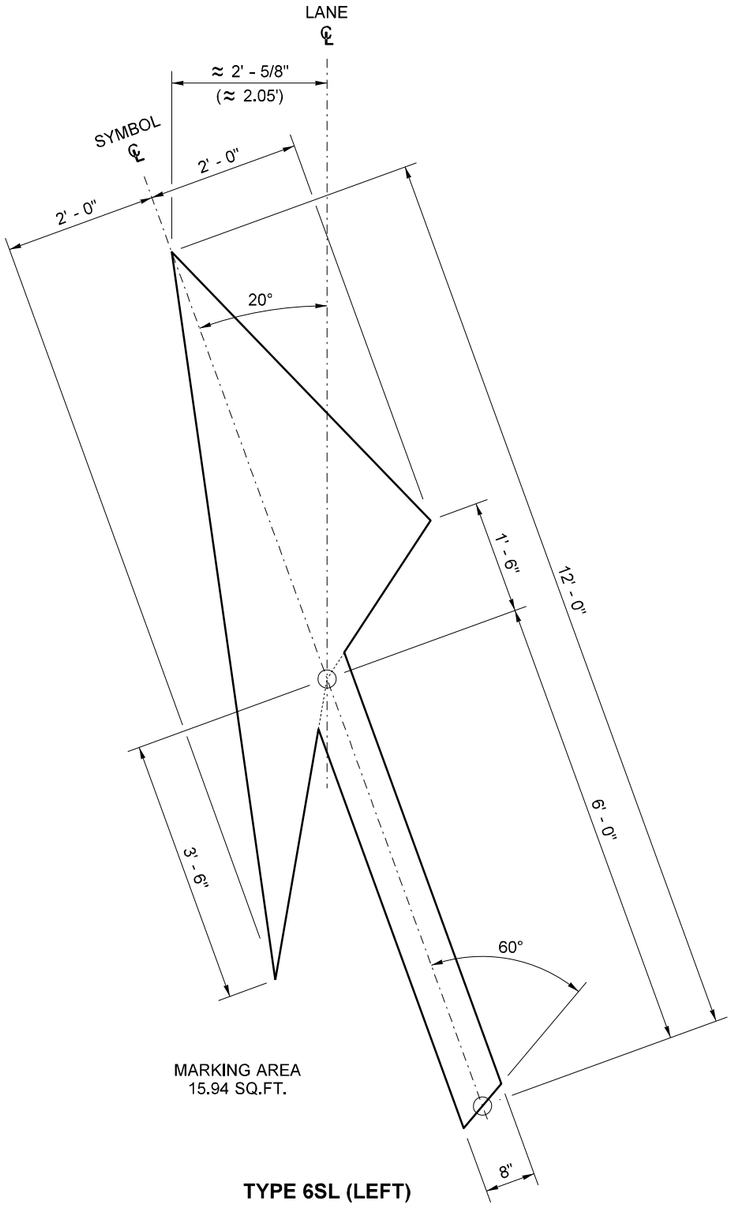
Bakotich, Pasco
Apr 20 2015 10:11 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

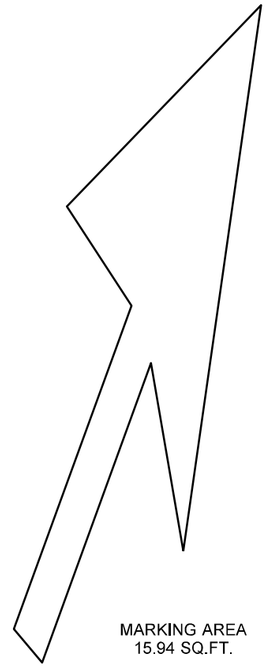
DRAWN BY: COLBY FLETCHER



TYPE 7S TRAFFIC ARROW



**TYPE 6SL (LEFT)
TRAFFIC ARROW**



MARKING AREA
15.94 SQ.FT.

**TYPE 6SR (RIGHT)
TRAFFIC ARROW**

MIRROR IMAGE OF TYPE 6SL
(MIRRORED ABOUT LANE CENTERLINE)
(SHOWN AT REDUCED SCALE)

Walsh, Brian
Apr 16 2015 2:21 PM

SYMBOL MARKINGS ~ TRAFFIC ARROWS FOR LOW-SPEED ROADWAYS
STANDARD PLAN M-24.40-02

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

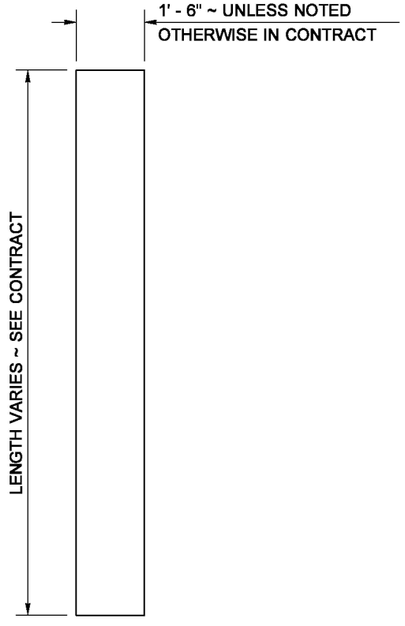
Bakotich, Pasco
Apr 20 2015 10:11 AM

STATE DESIGN ENGINEER

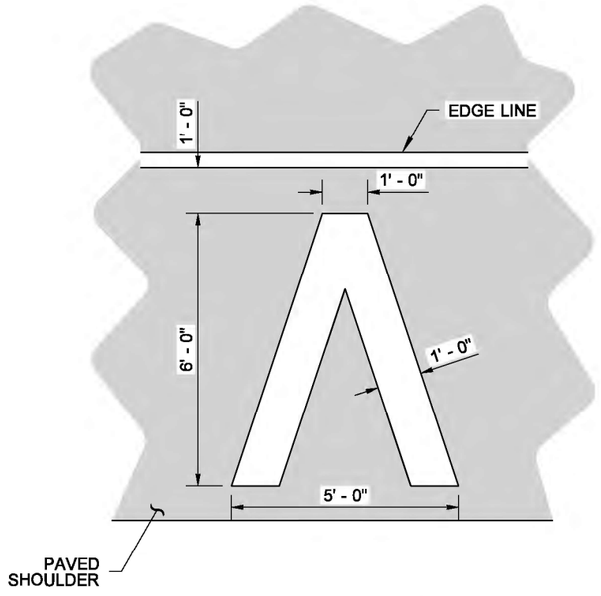
Washington State Department of Transportation

DRAWN BY: COLBY FLETCHER

DRAWN BY: LISA CYFORD

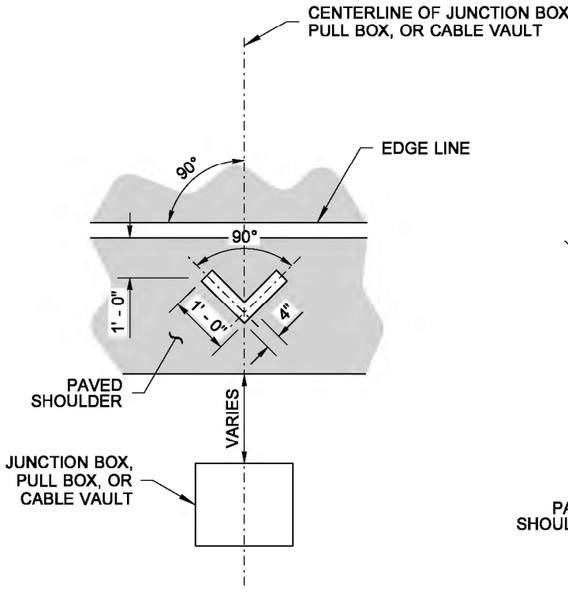


STOP LINE



MARKING AREA = 11.73 SQ.FT.

HALF-MILE MARKER

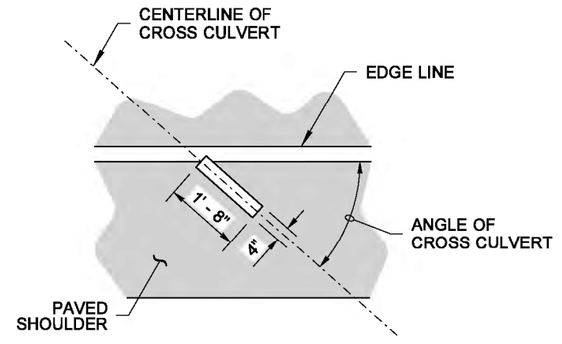


MARKING AREA = 0.56 SQ. FT.

JUNCTION BOX, PULL BOX, OR CABLE VAULT MARKINGS

NOTE

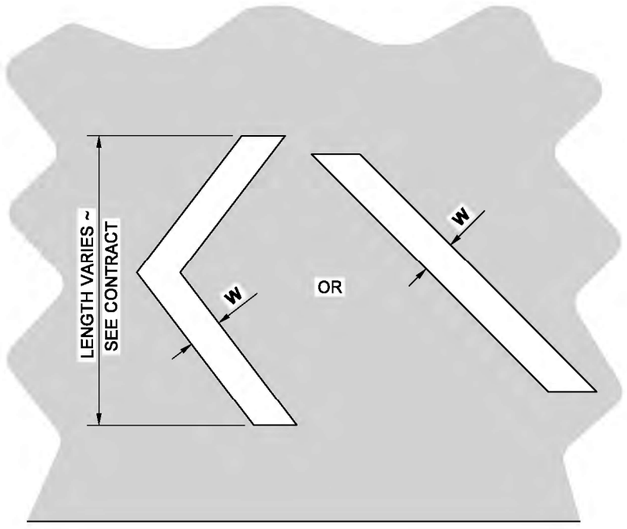
1. If Rumble Strips are present, install marking outside of the Rumble Strip.



MARKING AREA = 0.56 SQ.FT.

CROSS CULVERT

DRAINAGE MARKING

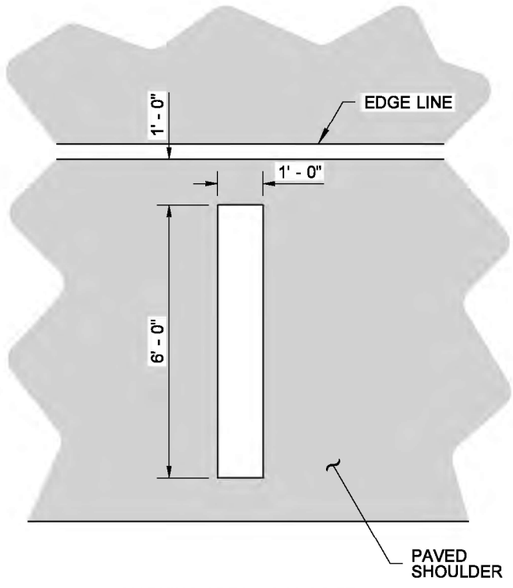


WHITE OR YELLOW ~ SEE CONTRACT

CHEVRON OR DIAGONAL

CROSSHATCH MARKING

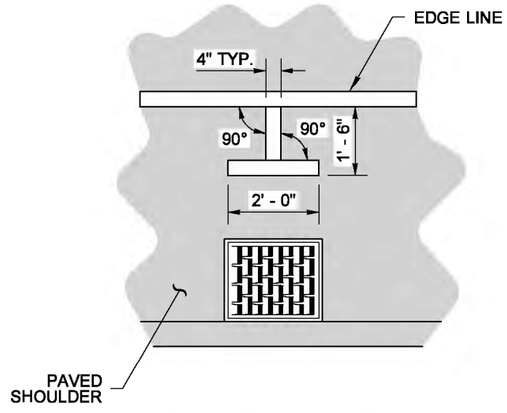
W = 8" (IN) FOR POSTED SPEED LIMIT OF 40 MPH OR LOWER
W = 12" (IN) FOR POSTED SPEED LIMIT OF 45 MPH OR HIGHER



MARKING AREA = 6.00 SQ.FT.

FULL MILE MARKER

AERIAL SURVEILLANCE MARKERS



MARKING AREA = 1.06 SQ.FT.

DRAINAGE STRUCTURE INLET

DRAINAGE MARKING

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36103
REGISTERED
PROFESSIONAL ENGINEER

Walsh, Brian
Jun 24 2014 2:35 PM

SYMBOL MARKINGS MISCELLANEOUS

STANDARD PLAN M-24.60-04

SHEET 1 OF 2 SHEETS

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Jun 24 2014 4:43 PM
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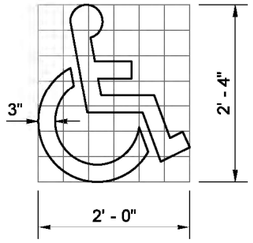
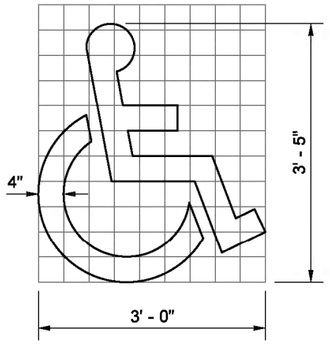
Washington State Department of Transportation

DRAWN BY: LISA CYFORD



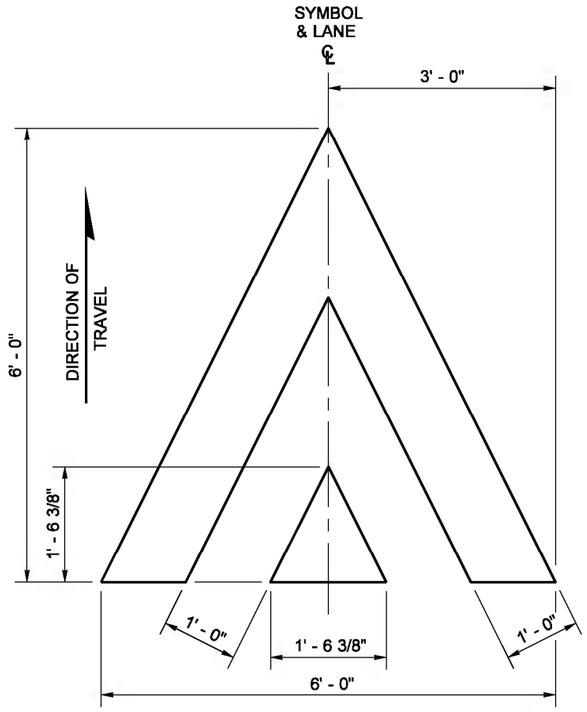
GRID IS 4" (IN) SQUARE MARKING AREA = 1.41 SQ.FT.

ACCESS PARKING SPACE SYMBOL (MINIMUM)



GRID IS 4" (IN) SQUARE MARKING AREA = 3.09 SQ.FT.

ACCESS PARKING SPACE SYMBOL (STANDARD)

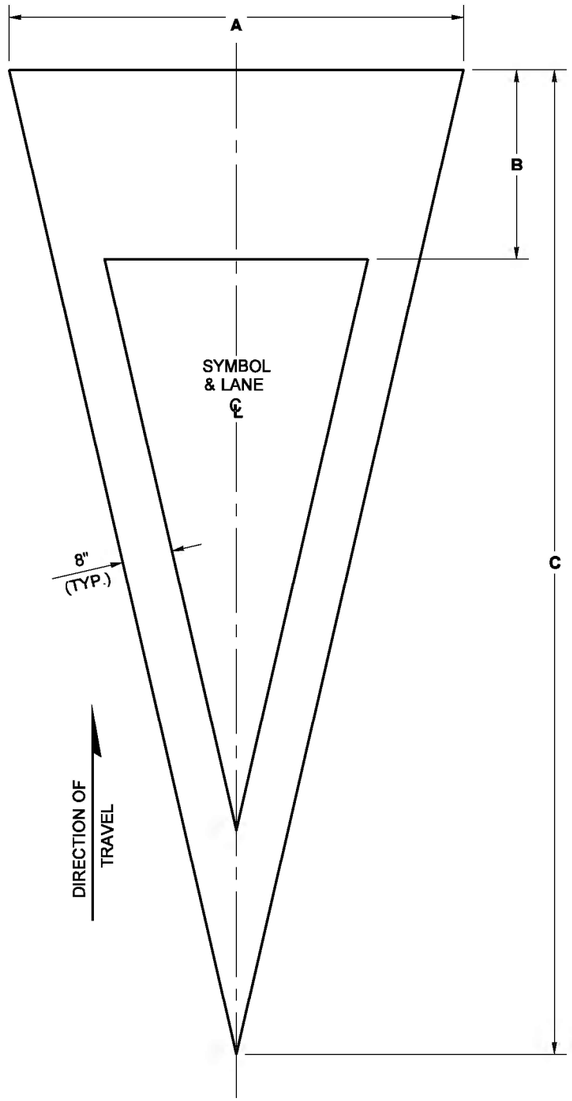


MARKING AREA = 12.08 SQ.FT.

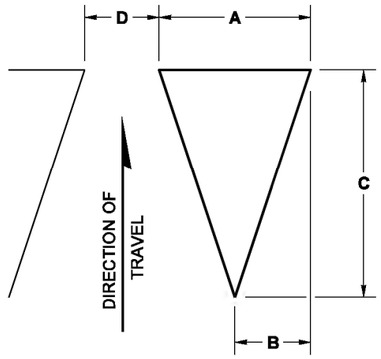
SPEED BUMP SYMBOL

SYMBOL MARKING		A	B	C	D	USE	MARKING AREA
YIELD AHEAD SYMBOL	TYPE 1	6' - 0"	2' - 6"	13' - 0"	N/A	LESS THAN 45 MPH	25.90 SQ.FT.
	TYPE 2	6' - 0"	3' - 0"	20' - 0"	N/A	45 MPH OR GREATER	36.54 SQ.FT.
YIELD LINE SYMBOL	TYPE 1	1' - 0"	6"	1' - 6"	6"	LESS THAN 45 MPH	0.75 SQ.FT.
	TYPE 2	2' - 0"	1' - 0"	3' - 0"	1' - 0"	45 MPH OR GREATER	3.00 SQ.FT.
	TYPE 2	2' - 0"	1' - 0"	3' - 0"	1' - 0"	ROUNDABOUT ENTRY *	3.00 SQ.FT.

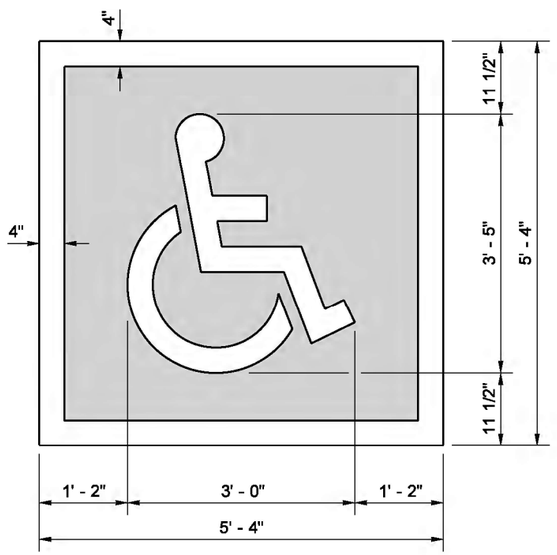
* MINIMUM OF 4 IN LANE



YIELD AHEAD SYMBOL

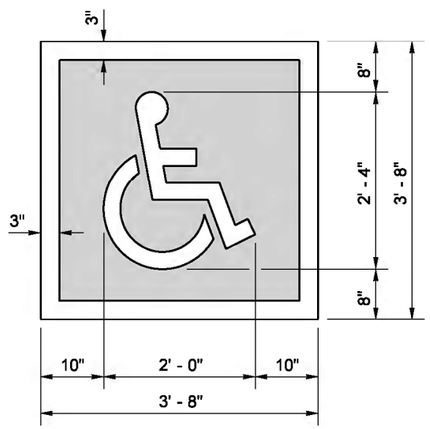


YIELD LINE SYMBOL
(MULTIPLE SYMBOLS REQUIRED FOR TRANSVERSE YIELD LINE ~ SEE CONTRACT)



TOTAL MARKING AREA = 28.44 SQ.FT.
WHITE = 9.76 SQ.FT. BLUE = 18.69 SQ.FT.

ACCESS PARKING SPACE SYMBOL (STANDARD)
WITH BLUE BACKGROUND AND WHITE BORDER
(REQUIRED FOR CEMENT CONCRETE SURFACES)



TOTAL MARKING AREA = 13.44 SQ.FT.
WHITE = 4.82 SQ.FT. BLUE = 8.62 SQ.FT.

ACCESS PARKING SPACE SYMBOL (MINIMUM)
WITH BLUE BACKGROUND AND WHITE BORDER
(REQUIRED FOR CEMENT CONCRETE SURFACES)

BRIAN J. WALSH
STATE OF WASHINGTON
36103
REGISTERED
PROFESSIONAL ENGINEER

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SYMBOL MARKINGS MISCELLANEOUS

STANDARD PLAN M-24.60-04

SHEET 2 OF 2 SHEETS

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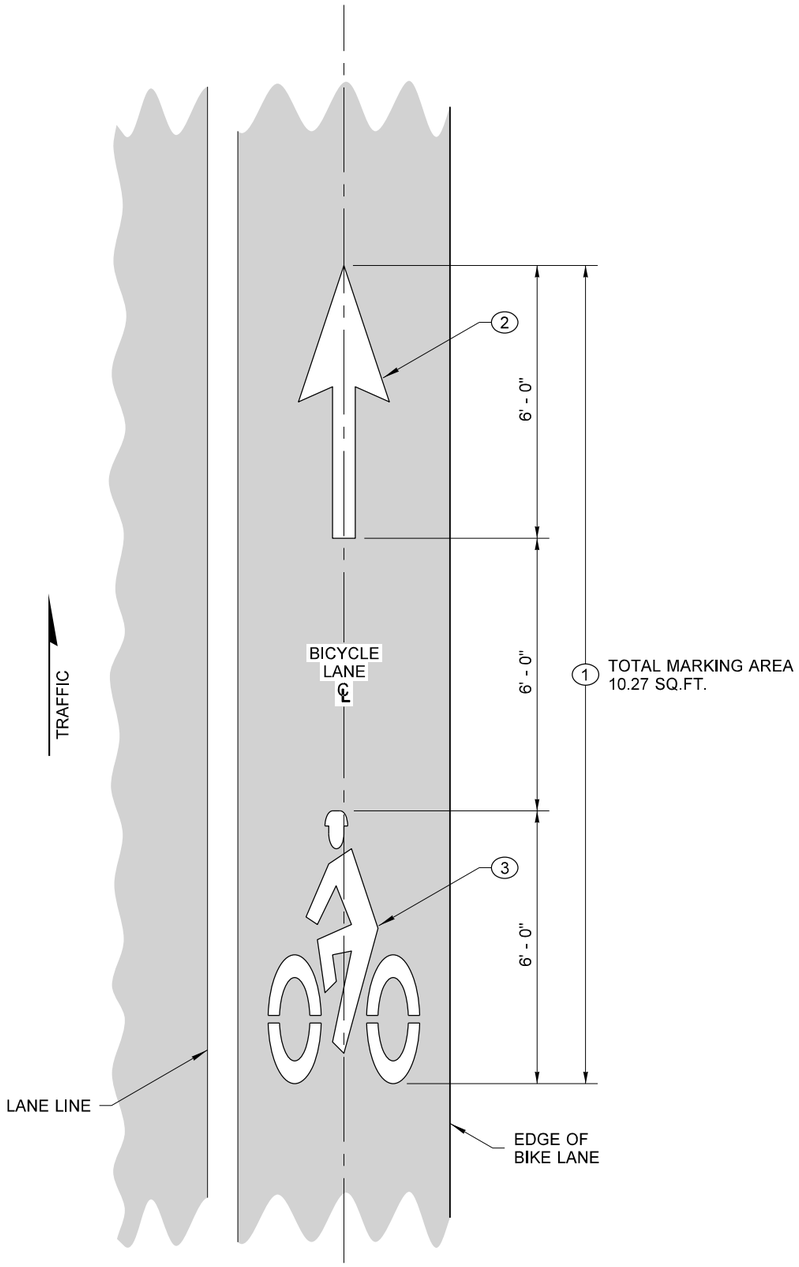
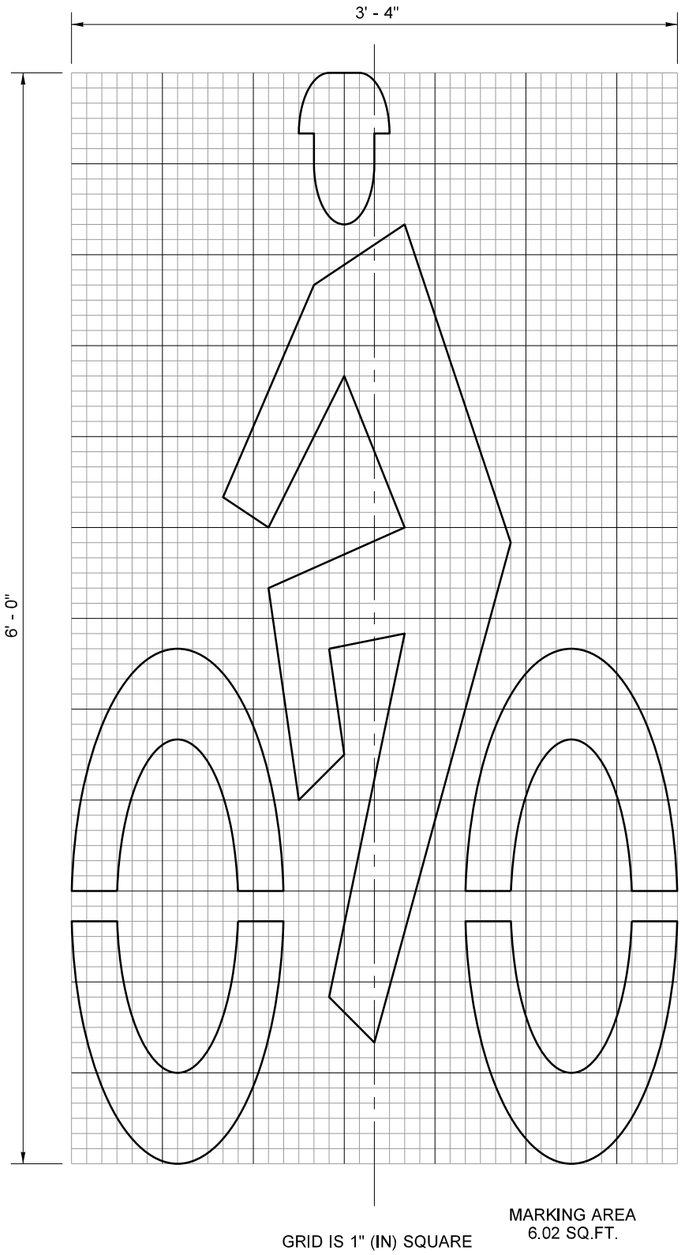
Washington State Department of Transportation

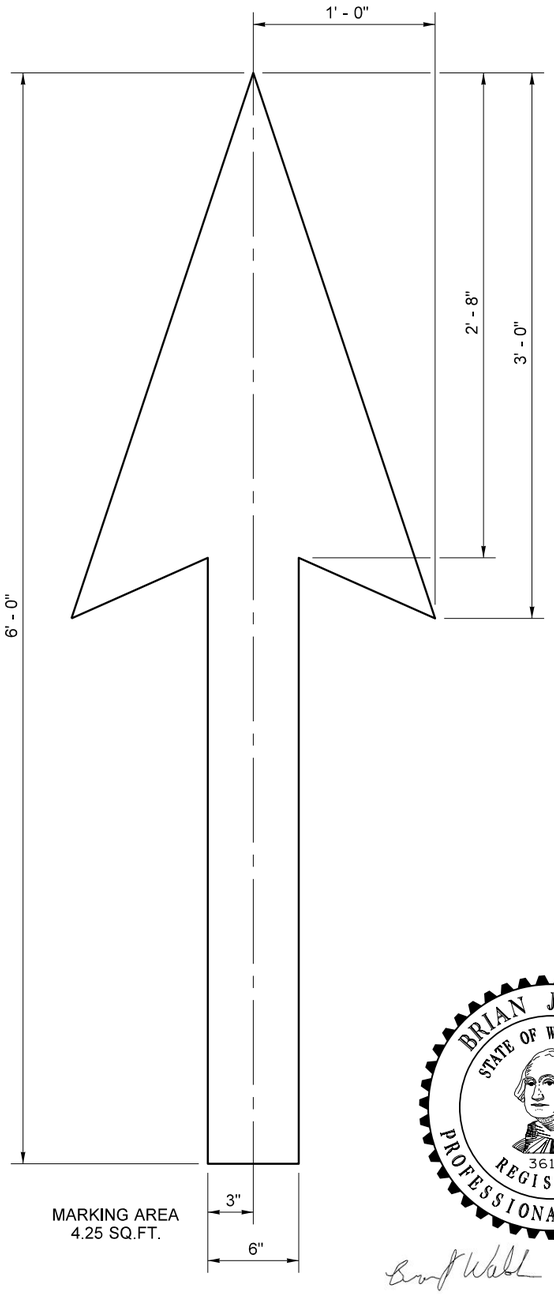
DRAWN BY: MARK SUJKA



BICYCLE LANE SYMBOL LAYOUT



BIKE RIDER SYMBOL DETAIL



BIKE LANE ARROW DETAIL

KEY NOTES

1. Bid Item "Bicycle Lane Symbol" includes Bike Lane Arrow and Bike Rider Symbol.
2. 2' (ft) x 6' (ft) White Bike Lane Arrow.
3. Bike Rider Symbol.

GENERAL NOTE

See Contract for location and material requirements.

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BICYCLE LANE SYMBOL LAYOUT

STANDARD PLAN M-9.50-02

SHEET 1 OF 1 SHEET

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APPENDIX C
POTHOLE UTILITY RECORD

UTILITY POTHOLE RECORD

No.	Station	Offset (L/R)	Elevation (Top of Pipe)	Pipe/Duct Bank Size & Description	Utility Owner	Utility Type	Field Notes	Date
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								