

Contract Provisions for:

# 175<sup>th</sup> Wayfinding Channelization Improvements Project

PROJECT NO. T-234

April 2023

Bid No: 23-C2902



City of Kenmore  
18120 68<sup>th</sup> Avenue NE  
Kenmore, Washington 98028-2701  
Telephone (425) 398-8900

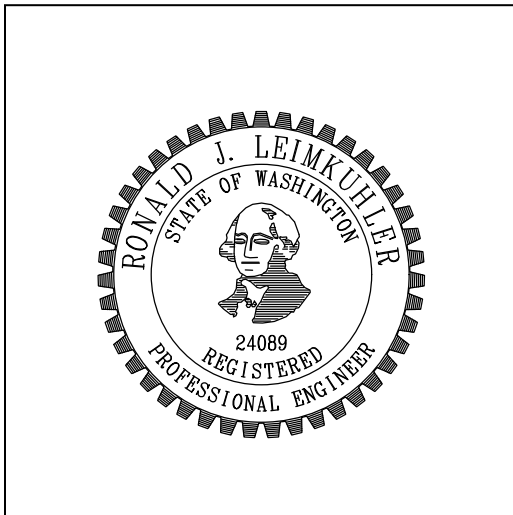
BID DOCUMENTS ONLY – NOT FOR CONSTRUCTION

Contract Provisions for:

# 175<sup>th</sup> Wayfinding Channelization Improvements Project

PROJECT NO. T-243

April 2023  
Bid No: 23-C2902



Prepared By:

KPFF Consulting Engineers  
1601 Fifth Avenue, Suite 1600  
Seattle, WA 98101

Accepted by: \_\_\_\_\_

John F. Vicente, PE  
City of Kenmore  
18120 68<sup>th</sup> Ave NE  
Kenmore, WA 98028



BID DOCUMENTS ONLY – NOT FOR CONSTRUCTION

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# I - CALL FOR BIDS



## CITY OF KENMORE CALL FOR BIDS

**PROJECT NAME: 175<sup>th</sup> Wayfinding Channelization Improvements**

**Project**

**BID NUMBER: 23-C2902**

**BIDS DUE: Tuesday May 16, 2023 at 2:00PM EXACTLY**

Notice is hereby given that bid proposals will be received by Kenmore City Clerk via email at [bids@kenmorewa.gov](mailto:bids@kenmorewa.gov) . **Bids are due electronically no later than 2:00:00 PM EXACTLY, Pacific local time on May 16, 2023**, at which time bids for the above referenced project will be opened and publicly read via webcast. The link to the virtual bid opening will be provided on the City's website at [www.kenmorewa.gov/requestsforproposals](http://www.kenmorewa.gov/requestsforproposals) at least 1 hour prior to the webcast. Bidders shall refer to Section II – Instructions to Bidders and General Terms and Conditions for additional information. Bid proposals received after this date and time will not be considered.

The City of Kenmore seeks a contractor to furnish all labor, materials and equipment necessary to complete the project referenced above. This project includes the installation of new bike lanes along NE 175<sup>th</sup> Street between 65<sup>th</sup> Avenue NE and 68<sup>th</sup> Avenue NE, to and from the Burke Gilman Trail in Kenmore, WA. The work shall include, but is not limited to, furnishing all labor, equipment, and materials necessary to complete HMA planing and overlay, utility coordination, minor road widening and storm drainage, RRFB bicycle crossing, permanent signing, and channelization.

All bidding shall be based upon compliance with the Contract Plans and Contract Provisions.

The estimated construction cost: \$220,000.

Contract Working Days: 30

Free-of-charge access to project bid documents (plans, specifications, addenda, and Bidders List) is provided to Prime Bidders, Subcontractors, and Vendors by going to [www.bxwa.com](http://www.bxwa.com) and clicking on "Posted Projects", "Public Works", and "City of Kenmore". This online plan room provides Bidders with fully usable online documents with the ability to: download, view, print, order full/partial plan sets from numerous reprographic sources, and a free online digitizer/take-off tool. It is recommended that Bidders "Register" in order to receive automatic e-mail notification of future addenda and to place themselves on the "Self-Registered Bidders List". Bidders that do not register will not be automatically notified of addenda and will need to periodically check the on-line plan room for addenda issued on this project. Contact Builders Exchange of Washington at (425) 258-1303 should you require assistance with access or registration. Plans, specifications, and addenda are also available for viewing on the City's website at [www.kenmorewa.gov/requestsforproposals](http://www.kenmorewa.gov/requestsforproposals). All questions regarding this project shall be submitted electronically to Kent Vaughan at [kvaughan@kenmorewa.gov](mailto:kvaughan@kenmorewa.gov), the City will not respond to phone calls.

All bidders must certify that they are not on the Controller General's list of ineligible contractors or on the list of parties excluded from Federal procurement or non-procurement programs.

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

Published:

Seattle Times and Seattle Daily Journal of Commerce – April 25, 2023  
May 2, 2023.

## **II - INSTRUCTIONS TO BIDDERS AND GENERAL TERMS AND CONDITIONS**

## **INSTRUCTIONS TO BIDDERS AND GENERAL TERMS AND CONDITIONS**

### **1. ADDENDA**

No alteration or modification of the terms and conditions of these Contract Documents will be binding unless included in a written addendum issued and approved by the City. Bidders are responsible for checking the City of Kenmore link on the Builder's Exchange website for the issuance of any addenda prior to submitting a bid. Bids shall reflect performance according to the Addenda. No Bid Bond shall be released for failure to consider Addenda. Receipt of addenda to the bid documents by a bidder must be acknowledged on the bid form. Failure to acknowledge receipt of any addenda shall not relieve the bidder from fulfilling all of the requirements of the Contract and may be considered an irregularity in the proposal.

### **2. APPLICABLE LAW AND VENUE**

Washington law shall apply. Venue for any litigation or other legal proceedings shall be King County, Washington

### **3. AWARD OF CONTRACT**

The City expressly reserves the right to reject any or all Bids, and the right to waive any informalities or irregularities in any Bid or in any Bidding and to further Award the project to the lowest, responsive, responsible Bidder whose Bid complies with all of the prescribed formalities, as it best serves the interest of the City. After the date and hour set for the opening of Bids, no Bidder may withdraw its Bid unless the Award of the Contract is delayed for a period exceeding forty-five (45) calendar days following Bid opening. All Bidders agree to be bound by their Bids until the expiration of this stated time period.

### **4. BID PRICE**

The bid price shall include everything necessary to perform and complete the contract, including, but not limited to, furnishing all materials, equipment, tools, transportation, supplies, plant, and other facilities, and all management, superintendent's labor and service, except as may be provided otherwise in the Contract Documents.

### **5. BID PROPOSAL**

Proposals are to be submitted only on the forms provided with these Contract Provisions. Substitutions will not be accepted. The Bid Proposal shall contain an acknowledgement of receipt of all addenda (the numbers of which shall be filled in on the Bid Proposal). The address to which communications regarding the Bid are to be directed must be shown. No oral, electronic, telephonic, facsimile, or telegraphic bids or modifications will be accepted.



6. **BID PROTEST**

Any bid protest submittal shall be delivered to:

City of Kenmore  
City Clerk  
18120 68th Avenue NE  
Kenmore, Washington 98028-0607

The words “Bid Protest” along with the bid number and title shall be written prominently and clearly displayed on any outer cover containing the protest notice as well as the notice itself. The following minimum information must be included in the written protest notice: 1) the name, address and phone number (including area code) of the protesting bidder; 2) the protesting bidder contact person’s name and telephone number (including area code); and 3) a statement(s) describing the nature of the protest along with supporting documentation; 4) the City bid number and title. Bid protests must be received no later than 48 hours after the bid opening date and time.

7. **BID SECURITY DEPOSIT**

All proposals must be accompanied by a **Bid Bond** in the form as set forth in Section 3, a certified check on a solvent bank, or a postal money order payable to the City and the Kenmore City Council, in the sum of five percent (5%) of the total bid amount. The bonding company shall be currently approved and be registered with the Washington State Insurance Commissioner, appear on the current Authorized Insurance List in the State of Washington published by the office of the Insurance Commissioner and be acceptable to the City. Said bond, certified check or postal money order will be held as a guarantee that the successful Bidder will, within ten calendar days after the award date, (1) return the signed Contract, (2) furnish approved Payment and Performance Bonds, on the forms enclosed herein in amounts equal to one hundred percent (100%) of the amount of the Contract, including state sales tax; and (3) furnish the Certificate of Insurance and other forms as required in Special Provision Section 1-07.18 “Insurance.” In case of refusal or failure to enter into said Contract and/or provide the required bonds and proof of insurance coverage, endorsements and insurance coverage questionnaire within ten (10) calendar days after the award date, the Bid Deposit shall be forfeited to the City in accordance with RCW 35.23.352. Upon the execution of the Contract and the approval on behalf of the City of the accompanying bonds and insurance policies, or upon rejection of the bid proposals, the Bid Security Deposit will be returned to each bidder.

8. **INDEMNIFICATION/HOLD HARMLESS**

The Contract Documents include provisions for indemnity of the City and waiver of employer's immunity under Title 51 RCW. The Bidder should review and be familiar with those provisions prior to submitting a bid.

## 9. INTERPRETATION OF CONTRACT DOCUMENTS

Requests for an interpretation of the bid or Contract Documents and any other questions must be directed via email to Kent Vaughan at [kvaughan@kenmorewa.gov](mailto:kvaughan@kenmorewa.gov) by close of business (5:00pm) 3 business days prior to the bid closing date. Questions via phone or in person will not be accepted or a response given. See WSDOT Standard Specification 1-02.4(1) for more details.

Addendums will be posted on the Builder's Exchange website, <http://www.bxwa.com>. Bidders must be registered with the project on the Builder's Exchange to receive notification of any addendum issues. All such addenda shall become part of the bid specifications. Where a request for interpretation delivered to the City after the deadline and where a response from the City cannot be obtained prior to the bid opening, it is understood that the Bidder has made provisions for a more costly method before submitting the bid. Where conflicts or omissions occur in Plans, Specifications, or other related Contract Documents, Bidders shall assume the more stringent requirements and verify with the City before beginning work.

## 10. LOW RESPONSIBLE BIDDER

It is the intent of the City to award a contract to the low responsible bidder. Before award, the bidder must meet the following state responsibility criteria and, if applicable, supplemental responsibility criteria to be considered a responsible bidder. The bidder is required to submit documentation demonstrating compliance with the criteria.

A. State Responsibility Criteria. The Bidder must meet the following state responsibility criteria:

- 1) At the time of bid submittal, have a current certification of registration in compliance with chapter [18.27 RCW](#).
- 2) Have a current Washington State Unified Business Identifier (UBI) number.
- 3) Not be disqualified from bidding on any public works contract under [RCW 39.06.010 or 39.12.065\(3\)](#).
- 4) If applicable:
  - a) Have Industrial Insurance (workers' compensation) coverage for the Bidder's employees working in Washington State, as required in [Title 51 RCW](#);
  - b) Have a Washington State Employment Security Department number, as required in [Title 50 RCW](#); and
  - c) Have a Washington State Department of Revenue state excise tax registration number, as required in [Title 82 RCW](#).

- 5) For contracts \$1,000,000 or over, the bidder must not have violated the “Off-Site Prefabricated Non-Standard Project Specific Items” reporting requirements more than one time, as determined by the Department of Labor and Industries.

B. Supplemental Bidder Responsibility Criteria. Supplement criteria applicable to this project are included in Special Provision Section 1-02.14. Modifications to the supplemental criteria shall be at the solely at the discretion of the City and in accord with the requirements of the Special Provisions.

#### **11. MATERIAL SUBSTITUTIONS**

Material substitutions for products identified in the plans and specifications will not be allowed during the bid process.

#### **12. PREVAILING WAGES**

The prevailing rate of wage to be paid to all workmen, laborers, or mechanics employed in the performance of the Contract shall comply with the provisions of Chapter 39.12, RCW “Prevailing Wages on Public Works,” as amended, and the rules and regulations of the Department of Labor and Industries. The schedule of prevailing wage rates for the locality or localities where the Contract will be performed as determined by the Industrial Statistician of the Department of Labor and Industries, are by reference made a part of the Contract as though fully set forth herein.

#### **13. RECIPROCAL PREFERENCE FOR RESIDENT CONTRACTORS**

In accordance with [RCW 39.04.380](#), a Reciprocal Preference for Resident Contractors will be enforced. For a public works bid received from a nonresident contractor from a state that provides an in-state percentage bidding preference, a Comparable Percentage Disadvantage (CPD) will be applied to the bid of that nonresident contractor. The CPD is the in-state contractor percent advantage provided by the contractor’s home state.

For the purpose of determining the successful low Bidder, the City will multiply the Nonresident Contractor bid amount by the CPD. The “bid amount” shall be the total of the based bid and all accepted alternate bid items. The CPD shall be added to the Nonresident Contractor bid amount which equates to the Nonresident Disadvantage Total. The Nonresident Disadvantage Total shall be compared to the Washington Contractor bid amounts. The bidder with the lowest total shall be the Contractor.

#### **14. SIGNATURE**

Each bid must be signed in longhand by the Bidder with the Bidder’s usual signature. Bids by partnerships must be executed in the partnership name by an authorized

partner. Bids by corporations must be executed in the corporate name by the President or a Vice President (or other corporate officer accompanied by evidence of authority to sign). Bids by limited liability companies must be executed in the company name, state the name of all members, and be signed by a managing member whose title must appear under the signature. The official address of the individual, corporation, partnership or limited liability company must be shown below the signature. **Note:** Any correction to a bid made by interlineation, alteration or erasure shall be initialed by the person signing the bid.

## 15. **STANDARD SPECIFICATIONS**

The Contract Documents incorporate by reference the 2022 Standard Specifications for Road, Bridge and Municipal Construction, issued by the Washington Department of Transportation (WSDOT), as modified or supplemented by the Special Provisions (collectively referred to in the Contract Provisions as the “Specification” or “Specifications”). Deletion, amendment, alteration or additions to any subsection or portion of the Standard Specifications shall pertain only to that particular portion of the section, and the balance shall continue to be in force. Bidders shall be familiar with the requirements of the Specifications and shall obtain these publications at the Bidder’s own expense. The WSDOT specifications can be found at <https://wsdot.wa.gov/engineering-standards>.

## 16. **SUBCONTRACTOR**

For contracts that are expected to cost one million dollars or more, the bidder shall submit as part of the bid, or within one hour after the published bid submittal time, the names of the Subcontractors with whom the bidder, if awarded the contract, will subcontract for performance of the work of HVAC (heating, ventilation and air conditioning), plumbing ([RCW, Chapter 18.106](#)) and electrical ([RCW, Chapter 19.28](#)) or to name itself for the Work. The bidder shall not list more than one subcontractor for each category of Work identified, unless Subcontractors vary with bid alternates, in which case the bidder must indicate which subcontractor will be used for which alternate. Failure of the bidder to submit as part of the bid the names of such Subcontractors or to name itself to perform such work or the naming of two or more subcontractors to perform the same work shall render the bidder’s bid nonresponsive and, therefore, void.

For each subcontractor who will subcontract for performance of twenty-five percent (25%) or more of the total amount of the bid, the bidder shall furnish to the City a statement of qualifications for each subcontractor on the Statement of Subcontractor’s Qualifications form located in Section 3, Bid Proposal. Said statement shall be submitted as part of the bid or within 24 hours after the published bid submittal time. Failure to submit a subcontractor’s Statement of Qualifications may be considered a bid irregularity per bullet No. 2 of specification section 1-02.13.

## 17. SUBMISSION OF BIDS

To receive consideration, bids shall be submitted electronically prior to the bid due date and time via email. Please include bid number, title of bid and company name in the email title and send scanned pdf bid attachments to:

[bids@kenmorewa.gov](mailto:bids@kenmorewa.gov)

Bidders are solely responsible for electronic delivery of their Bid Proposal and any revisions. The City's email can accept file sizes up to 25MB, however bidders are advised to verify with their email providers, any document size restrictions they may have in SENDING documents. Should size restrictions prevent the entire bid being sent in one email, bidders may provide their bids over multiple emails. If bids are sent over multiple emails, each email should be numbered (ie. Part 1 of #, Part 2 of #, etc) for clarity. For bids sent in multiple emails, only portions received by the specific bid due date and time will be considered. The City assumes no responsibility for delayed delivery. No oral, telephonic or facsimile bids or modifications will be accepted. Any bid or modification of a bid received after the scheduled time and date for the bid closing, regardless of cause, will not be accepted or considered. Electronic bids received after the bid opening date and time will not be accepted.

By transmitting the bid proposal to the City, bidders attest that the authorized representative of the bidder represents that 1) an original hand signed bid proposal and an original bid guarantee bond are in the possession of the bidder, 2) the bidder is agreeing to be bound by all of the conditions of the bid documents and 3) will present the signed bid proposal and other required documents including the bid guarantee bond upon request of the City.

Bids remain confidential until bid opening after which bids are considered a public record subject to public disclosure under Chapter [42.56 RCW](#). Bidder shall mark as "proprietary" any information that Bidder believes meets the exemption under [RCW 42.56.270\(1\)](#). This assertion of proprietary information will be considered by the City in response to public records requests. Bid results will be made available as soon as practical following the bid opening. Bid results may be viewed on-line at the City of Kenmore link on the Builder's Exchange website: <http://www.bxwa.com> and also at the City of Kenmore website: <http://www.kenmorewa.gov>, click on "Government", "Working with the City", "Bids & RFPs".

## 18. TAXES

A. All or a portion of the labor and materials furnished under this Contract may be subject to retail sales taxes and other state and local taxes which taxes are payable by the Contractor.

- B. All questions concerning applicable taxes on any portion of the Work should be directed by the Contractor to the State of Washington Department of Revenue or the local taxing authority.
- C. All retail sales taxes applicable (a) to sales to City of tangible personal property or (b) to charges to City for labor or services which constitute a retail sale under RCW [82.04.050](#) will be paid by City.
- D. Contracts Involving "Public Roads Construction":
  - 1. All or a portion of the Work may constitute "public road construction" as defined in Washington Administrative Code [§458-20-171](#) (Washington Department of Revenue Rule 171). Under Rule 171, the performance of the work by the Contractor which constitutes "public road construction" does not constitute a "retail sale" to City. Therefore, State and local retail sales taxes will not be paid by City on Work which constitutes public road construction. However, State and local retail sales taxes are payable by the Contractor on all purchases and rentals of materials, tools, machinery, equipment, and supplies used or consumed by the Contractor in the performance of the Work.

**19. WITHDRAWING OF BID**

Bids may not be withdrawn after opening.

**20. EMPLOYMENT OF STATE RETIREES**

The City is a "DRS-covered employer" which is an organization that employs one or more members of any retirement system administered by the Washington State Department of Retirement Systems (DRS). Pursuant to RCW 41.50.139(1) and WAC 415-02-325(1), the City is required to elicit on a written form if any of the Contractor's employees providing services to the City retired using the 2008 Early Retirement Factors (ERFs), or if the Contractor is owned by an individual who retired using the 2008 ERFs, and whether the nature of the service and compensation would result in a retirement benefit being suspended. Failure to make this determination exposes the City to significant liability for pension overpayments. As a result, before commencing work under this Agreement, Contractor shall determine whether any of its employees providing services to the City or any of the Contractor's owners retired using the 2008 ERFs, and shall immediately notify the City and shall promptly complete the form provided by the City after this notification is made. This notification to DRS could impact the payment of retirement benefits to employees and owners of Contractor. Contractor shall indemnify, defend, and hold harmless the City from any and all claims, damages, or other liability, including attorneys' fees and costs, relating to a claim by DRS of a pension overpayment caused by or resulting from Contractor's failure to comply with the terms of this provision. This provision shall survive termination of this Agreement.

# III - BID DOCUMENTS

# Bid Submittal Checklist

- BID PROPOSAL SHEETS (4 Pages)**
- STATEMENT OF QUALIFICATIONS (2 Pages)**
- NONCOLLUSION DECLARATION**
- CERTIFICATION OF COMPLIANCE WITH WAGE  
PAYMENT STATUTES**
- BID BOND**
- LOCAL AGENCY SUBCONTRACTORS LIST (not required  
on bids estimated under \$1M)**

**Failure to submit all of the above items will result in the bid being non-responsive.**





# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project

### Bid No.: 23-C2902

Having carefully examined all documents enclosed herein, the undersigned proposes to perform all Work in strict compliance with all documents, for the amount set forth below.

#### Schedule A - Base Bid

Work under this schedule includes: All work required under this contract.

Item No	Item Of Work	Bid Quantity	Unit	Unit Prices	Amount
<b><i>DIVISION 1 - General Requirements</i></b>					
A1.	Mobilization	1	LS		
A2.	Unexpected Site Changes	5,000	Dol	\$1.00	
A3.	Roadway Surveying	1	LS		
A4.	SPCC Plan	1	LS		
A5.	Project Temporary Traffic Control	1	LS		
<b><i>DIVISION 2 - Earthwork</i></b>					
A6.	Sawcutting	36	LF		
A7.	Removal of Structures and Obstructions	1	LS		
A8.	Roadway Excavation Incl. Haul	30	CY		
<b><i>DIVISION 4 - Bases</i></b>					
A9.	Crushed Surfacing Top Course	15	Ton		
<b><i>DIVISION 5 - Surface Treatments</i></b>					
A10.	HMA Cl. 3/8" PG 64-22	160	Ton		

COMPANY NAME \_\_\_\_\_



# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project

### Bid No.: 23-C2902

A11.	Planing Bituminous Pavement	1,010	SY		
<b><i>DIVISION 7 – Utilities</i></b>					
A12.	High-Density Polyethylene (HDPE) Pipe 12 In. Diam.	70	LF		
A13.	Catch Basin Type 1	2	EA		
A14.	Connection to Drainage Structures	2	EA		
<b><i>DIVISION 8 – Miscellaneous Construction</i></b>					
A15.	Erosion/Water Pollution Control	1	LS		
A16.	SWPPP	1	LS		
A17.	Inlet Protection	7	EA		
A18.	Extruded Curb	40	LF		
A19.	Relocate Mailbox	1	EA		
A20.	RRFB Signal System	1	LS		
A21.	Permanent Signing	1	LS		
A22.	Plastic Line	6,060	LF		
A23.	Plastic Yield Symbol	6	EA		
A24.	Plastic Bicycle Symbol	6	EA		
A25.	Plastic Stop Line	17	LF		
A26.	Plastic Arrow	3	EA		
A27.	MMA Warning Band	36	LF		
A28.	Green MMA Bike Crossing	50	SF		

COMPANY NAME \_\_\_\_\_



# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project

Bid No.: 23-C2902

A29.	Raised Pavement Marker Type 2	3	Hund		
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TOTAL SCHEDULE A BID \_\_\_\_\_  
(Figures)

\_\_\_\_\_  
(Words)

COMPANY NAME \_\_\_\_\_



# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project

Bid No.: 23-C2902

### BID SIGNATURE PAGE

- Use ink and print legibly
- Make sure to initial and date any changes, erasures, or cross-outs in your bid
- All information regarding this bid may be sent to the mailing address, phone number or email provided below
- The bid includes all State of Washington or local sales tax, pursuant to the requirements of Rule 171 of the Department of Revenue, where applicable.
- Bidder acknowledges receipt of **addenda** \_\_\_ through \_\_\_. No addenda issued
- If awarded the contract, the undersigned agrees to complete all the work as specified for the above listed project within 30 WORKING DAYS after the indicated starting date appearing in an official "Notice to Proceed" issued by the City.
- The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (April 25, 2023), that the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Company name: \_\_\_\_\_

Check one: Individual  Partnership  Joint Venture  Corporation

Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Signed by (Printed): \_\_\_\_\_

Title of Signatory: \_\_\_\_\_

Bid Signature: \_\_\_\_\_ Date: \_\_\_\_\_

COMPANY NAME \_\_\_\_\_



# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project

Bid No.: 23-C2902

### STATEMENT OF BIDDER'S QUALIFICATIONS (2 pages)

The Statement of Bidder's Qualifications is to be completed by the bidder and provided as part of the bid submission. This statement of qualifications is also to be completed for all subcontractors who will subcontract to perform at least twenty-five percent (25%) of the total bid amount and submitted by the two low bidders within 24 hours after the bid results are published.

Name of Firm: \_\_\_\_\_

State of Washington L&I Contractor's License Number: \_\_\_\_\_

State of Washington UBI Number: \_\_\_\_\_

State of Washington Department of Employment Security Number: \_\_\_\_\_

Washington State Excise Tax Registration Number: \_\_\_\_\_

Federal Tax ID Number: \_\_\_\_\_

The City may conduct reference checks for the bidder whose bid is under consideration for award for verification of bidder responsibility under mandatory and supplemental bidder responsibility of the Contract Documents. The City may determine that the bidder is not a responsible bidder and may award to the next lowest bidder who meets the bidder qualification requirements. In conducting reference checks, the City may include itself or other government agencies and businesses as a reference even if the bidder did not identify these sources as a reference.

On a separate sheet, list all major projects of a similar nature which have been completed by or supervised by the Contractor within the last ten years (up to 10 most recent projects). List should include, as a minimum, the following information for each project listed:

- Project name and owner
- Project completion date, final contract amount and working days
- Owner contract name and phone number
- Project description
- Role as prime or subcontractor

*References must be submitted to the City by the apparent two low bidders within 48 hours of the bid opening date and time.*

1. **Delinquent Sales Taxes.** Are you delinquent on your taxes with the Department of Revenue?  
 Yes  No

If yes, a written payment plan will be required according to Special Provision 1.02.14.

2. **State Debarment.** Are you listed on the "debarred contractor list" on the Washington State Department of Labor and Industries data base (<https://secure.lni.wa.gov/verify/>)?  
 Yes  No

COMPANY NAME \_\_\_\_\_



# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project Bid No.: 23-C2902

3. **Federal Debarment.** Are you listed on as having an “active exclusion” on the U.S. Government's System for Award Management data base (<https://www.sam.gov/>)?

Yes  No

4. **Subcontractor Responsibility.** Do you have responsibility criteria for each subcontractor as required per RCW 39.06.020?

Yes  No

If yes, include a copy of your standard subcontract form according to Special Provision 1.02.14.

5. **Prevailing Wages.** Do you have determinations by the WA Labor and Industries that prevailing wages were not paid within the last five years?

Yes  No

If yes, list the dates of these determinations: \_\_\_\_\_.

6. **Claims Against Retainage and Bonds.** Do you have two or more claims against retainage and/or bonds on any public works contract within the last three years from the date of bid submittal?

Yes  No

If yes, a report of such claims will be required according to Special Provision 1.02.14.

7. **Public Bidding Crime.** Have you been convicted of a crime involving bidding on a public works contract in the five years prior to the bid submittal date?

Yes  No

8. **Termination for Cause/Termination for Default.** Have you had any public contract terminated for default or cause by a government agency within the five years from the date of bid submittal?

Yes  No

If yes, a report describing the circumstances of such termination or default will be required according to Special Provision 1.02.14.

9. **Lawsuits.** Have judgments been entered against you within the last five years from the date of bid submittal relating to contract enforcement or breach?

Yes  No

If yes, a report containing an explanation of the circumstances surrounding each such lawsuit will be required according to Special Provision 1.02.14.

By the signature below, Bidder confirms that all information provided is true and correct and agrees that the City shall retain the right to obtain any and all credit reports.

Signature : \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

COMPANY NAME \_\_\_\_\_



**BID PROPOSAL SHEET**  
**175<sup>th</sup> Wayfinding Channelization Improvements Project**  
**Bid No.: 23-C2902**

Print Name: \_\_\_\_\_

COMPANY NAME \_\_\_\_\_



**BID PROPOSAL SHEET**  
**175<sup>th</sup> Wayfinding Channelization Improvements Project**  
**Bid No.: 23-C2902**

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

## **NON-COLLUSION DECLARATION**

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

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

### **NOTICE TO ALL BIDDERS**

To report rigging activities call:

**1-800-424-9071**

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

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

DOT Form 272-0361 EF  
07/2011

**COMPANY NAME** \_\_\_\_\_





# BID PROPOSAL SHEET

## 175<sup>th</sup> Wayfinding Channelization Improvements Project Bid No.: 23-C2902

This form must be submitted with the Bid Proposal or as a Supplement to the Bid no later than 24 hours after the time for delivery of the Bid Proposal, as provided for in Section 1-02.9 of the Contract Provisions.

### Certification of Compliance with Wage Payment Statutes

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (April 25, 2023), the bidder is not a “willful” violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

\_\_\_\_\_  
Bidder’s Business Name

\_\_\_\_\_  
Signature of Authorized Official\*

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

*Check One:*

Sole Proprietorship  Partnership  Joint Venture  Corporation

State of Incorporation, or if not a corporation, State where business entity was formed:

\_\_\_\_\_  
If a co-partnership, give firm name under which business is transacted:

*\* If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co-partnership, proposal must be executed by a partner.*

COMPANY NAME \_\_\_\_\_



# BID BOND

KNOW ALL BY THESE PRESENTS:

That we, \_\_\_\_\_(Bidder), as Principal, and \_\_\_\_\_(Bonding Company), as Surety, are held and firmly bound unto the City and the Kenmore City Council (Owner), as Obligee, in the penal sum of \_\_\_\_\_ Dollars, lawful money of the United States, for the payment of which unto Obligee, the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, Principal is submitting a Bid for the 175th Wayfinding Channelization Improvements Project, Bid No. 23-C2902.

NOW, THEREFORE, the condition of this obligation is such that if Principal is awarded a contract for the work, and if Principal within the time specified in the Contract Documents enters into, executes and delivers to Obligee a signed agreement and the contract bond per the specifications, with Surety or Sureties approved by Obligee, and appropriate insurance certificates, with required endorsements and insurance coverage, as required herein in the forms provided herewith, then this obligation shall be void. If, however, Principal fails or refuses to furnish any of the above listed items in the time stated in the Contract Documents for the referenced Bid, then Principal and Surety shall pay and forfeit to Obligee the penal sum hereof.

AND IT IS HEREBY DECLARED AND AGREED that Surety shall be liable under this obligation as Principal and that nothing of any kind or nature whatsoever that will not discharge Principal shall operate as a discharge or release of liability of Surety.

AND IT IS HEREBY FURTHER DECLARED AND AGREED that this obligation shall be binding upon and inure to the benefit of Principal, Surety and Obligee and their respective heirs, administrators, executors, successors and assigns.

IN TESTIMONY WHEREOF, the Principal and Surety have caused these present to be SIGNED, SEALED AND DATED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Principal  
By: \_\_\_\_\_  
Title: \_\_\_\_\_

\_\_\_\_\_  
Surety  
By: \_\_\_\_\_  
Attorney-in Fact, Surety

\_\_\_\_\_  
Surety's Mailing Address

\_\_\_\_\_  
Surety's Telephone and Fax Numbers

**A notarized power of attorney for the surety's officer empowered to sign the bond must be attached to the bond.**

Project Name: 175th Wayfinding Channelization Improvements Project Bid No. 23-C2902:

**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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Bidders 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.

## **IV - AWARD DOCUMENTS**



## CONTRACT AGREEMENT

### 175<sup>th</sup> Wayfinding Channelization Improvements Project Bid No. 23-C2902

THIS AGREEMENT, made in two (2) copies, each of which shall be deemed original and entered into as of the date hereinafter affixed by and between the City of Kenmore, (hereinafter "Contracting Agency"), and \_\_\_\_\_, (hereinafter the "Contractor").

WITNESSETH:

That in consideration of the performance and payment under the terms and conditions contained in the Contract Documents for Bid No. 23-C2902, the parties hereto covenant and agree as follows:

I. The Contractor hereby agrees to complete all Work for the "**175<sup>th</sup> Wayfinding Channelization Improvements Project**" (hereafter "Project") in accordance with the Contract Documents, including without limitation the most current edition of the Washington State Standard Specifications for Road, Bridge, and Municipal Construction as modified by the Special Provisions together with Addenda \_\_\_\_\_ through \_\_\_\_\_ which are by this reference incorporated herein and made a part hereof, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work provided under the Contract Documents and every part thereof and any extra work which may be ordered as provided in the Contract Documents and every part thereof.

The time limit for completion of the work is \_\_\_\_\_ working days from the Contract Agency's Notice to Proceed. The Contractor agrees to pay the Contract Agency the sum set forth in the Contract Documents for each and every day said work remains uncompleted after expiration of this time as liquidated damages.

Contractor is responsible for determining the means and methods to be used to complete the project. 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.

II. The Contract Agency promises and agrees to pay the Contractor for the Project according to the attached Contractor's Bid Proposal Sheet at the time and in the manner provided for in the Contract Documents.

III. The Contractor for himself, and for his heirs, executors, administrators, successors, and assigns does hereby agree to the full performance of all covenants, obligations and terms herein contained upon the part of the Contractor.

IV. It is further provided that no liability shall attach to the Contracting Agency, its officers, officials, employees, agents and representatives by reason of entering into this contract, except as expressly provided herein.

Countersigned:

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

IN WITNESS WHEREOF the parties hereto have caused this agreement to be executed the day and year first hereinabove written.

City of Kenmore (Contracting Agency)

Contractor

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Payment Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## PAYMENT AND PERFORMANCE BOND

To City of Kenmore, WA

Bond No. \_\_\_\_\_

The City of Kenmore, Washington (City) has awarded to \_\_\_\_\_ (Principal), a contract for the construction of the project designated as \_\_\_\_\_, Bid No. 23-C2902 in Kenmore, Washington (Contract), and said Principal is required under the terms of that Contract to furnish a contract bond for payment in accord with Title 39.08 Revised Code of Washington (RCW) and (where applicable) 60.28 RCW and for performance of all obligations under the Contract.

The Principal, and \_\_\_\_\_ (Surety), a corporation organized under the laws of the State 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, in the sum of \$\_\_\_\_\_ US Dollars, total Contract Amount, subject to the provisions herein.

This statutory payment and performance 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 RCW 39.08, 39.12, and 60.28 including all workers, laborers, mechanics, subcontractors, and materialmen, and all person who shall supply such contractor or subcontractor with provisions and supplies for the carrying on of such work, and all taxes incurred on said Contract under Titles 50 and 51 RCW and all taxes imposed on the Principal under Title 82 RCW; and if such payment obligations have not been fulfilled, this bond shall remain in full force and effect.

AND

If and when the Principal, its heirs, executors, administrators, successors, or assigns shall well and faithfully perform and complete all of the Principal's obligations, duties, and conditions required under the Contract and fulfill all 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; and if such performance obligations have not been fulfilled, this bond shall remain in 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 changes, 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 (2) 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.

This bond shall remain in force until such time as released in writing by the City of Kenmore.

PRINCIPAL

SURETY

\_\_\_\_\_  
Principal Signature Date

\_\_\_\_\_  
Surety Signature Date

\_\_\_\_\_  
Printed Name Date

\_\_\_\_\_  
Printed Name Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Surety Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Telephone Number

**A notarized power of attorney for the Surety's officer empowered to sign the bond must be attached.**





**RETAINAGE BOND** – Bond No. \_\_\_\_\_  
**Contract No.** \_\_\_\_\_

KNOW ALL BY THESE PRESENTS: That \_\_\_\_\_, a corporation existing under and by virtue of the laws of the State of \_\_\_\_\_ and authorized to do business in the State of Washington, as Principal, and \_\_\_\_\_, a corporation organized and existing under the laws of the State of \_\_\_\_\_ and authorized to transact the business of surety in the State of Washington, as Surety, are jointly and severally held and bound unto the City of Kenmore, Washington (City), and are similarly held and bound unto the beneficiaries of the trust fund created by Chapter 60.28 Revised Code of Washington (RCW), and their heirs, executors, administrators, successors and assigns in the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), plus 5% of any increases in the contract amount that have occurred or may occur, due to change orders, increases in the quantities or the addition of any new item of work.

WHEREAS, the Principal has executed a Contract for the \_\_\_\_\_ (Contract No. \_\_\_\_\_) with the City; and

WHEREAS, said Contract and Chapter 60.28 RCW require the City to withhold from the Principal the sum of five percent (5%) from monies earned by the Principal on estimates during the progress of the work, hereinafter referred to as earned retained funds; and

WHEREAS, the Principal/Surety has requested that the City accept a bond in lieu of earned retained funds as allowed under Chapter 60.28 RCW.

NOW, THEREFORE, this obligation is such that the Surety, its successors and assigns, are held and bound unto City and unto all beneficiaries of the trust fund created by RCW 60.28.011 (1) in the aforesaid sum. This bond, including any proceeds therefrom, is subject to all claims and liens and in the same manner and priority as set forth for retained percentages in Chapter 60.28 RCW. The condition of this obligation is such that if the Principal shall satisfy all payment obligations to persons who may lawfully claim under the trust fund created pursuant to Chapter 60.28 RCW, to the City, fulfill all of the requirements of Chapter 39.12 RCW, and indemnify and hold the City harmless from any and all loss, costs, and damages that the City may sustain by release of said retainage to Principal/Surety, then this obligation shall be null and void provided the Surety is notified by City that the requirements of RCW 60.28.021 have been satisfied and the obligation is duly released by City; otherwise it shall remain in full force and effect.

IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable under this obligation as Principal. The Surety will not be discharged or released from liability for any act, omission, or defense of any kind or nature that would not also discharge the Principal.

IT IS HEREBY FURTHER DECLARED AND AGREED that this obligation shall be binding upon and inure to the benefit of the Principal, the Surety, the City, and, the beneficiaries of the trust fund created by Chapter 60.28, Revised Code of Washington (RCW) and their respective heirs, executors, administrators, successors and assigns.

SIGNED AND SEALED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Principal: _____	Surety: _____
By: _____	By: _____
Title: _____	Title: _____
Address: _____	Address: _____
City/Zip: _____	City/Zip: _____
Tel: _____	Tel: _____
Witness: _____	Witness: _____

Note: A power of attorney must be provided which appoints the Surety's true and lawful attorney-in-fact to make, execute, seal and deliver this bond.



## DECLARATION OF OPTION FOR MANAGEMENT OF STATUTORY RETAINED PERCENTAGE

1.01 **Description.** Do not execute the Declaration of Option for Management of Statutory Retained Percentage as part of the bid submission.

1.02 **Declaration of Option for Management of Statutory Retained Percentage.**

A. I hereby elect to have the retained percentage of this Contract held in a fund by the City until final acceptance of the work and all required releases are obtained, in accordance with RCW Chapter 60.28.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

B. I hereby elect to have the City deposit the retained percentage of this Contract in an interest bearing account in a bank, mutual savings bank or savings and loan association in accordance with RCW, Chapter 60.28.

I hereby designate \_\_\_\_\_ as the repository for the escrow of said funds. I hereby further agree to be fully responsible for payment of all costs or fees incurred as a result of placing the said retained percentage in escrow as authorized by statute. The City shall not be liable in any way for any costs or fees in connection therewith.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

C. I hereby elect to have the City place the retained percentage of this contract in escrow with a bank or trust company. When the moneys reserved are placed in escrow, the City shall issue a check representing the sum of the moneys reserved payable to the bank or trust company and the contractor jointly. This check shall be converted into bonds and securities chosen by the contractor and approved by the City, and the bonds and securities shall be held in escrow, in accordance with RCW, Chapter 60.28.

I hereby designate \_\_\_\_\_ as the repository for the escrow of said funds. I hereby further agree to be fully responsible for payment of all costs or fees incurred as a result of placing said retained percentage in escrow and investing it as authorized by statute. The City shall not be liable in any way for any costs or fees in connection therewith.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

D. I hereby elect to provide a Retainage Bond for an amount totaling 5% of the Contract Amount:  
 Completed Retainage Bond Form is attached (Contact the City for a Retainage Bond Form).

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor's Name and Address: \_\_\_\_\_

Telephone: (\_\_\_\_\_) \_\_\_\_\_

Federal Tax Identification Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

# V - SPECIAL PROVISIONS



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# SPECIAL PROVISIONS



## 1 INTRODUCTION TO THE SPECIAL PROVISIONS

2 (*December 10, 2020 APWA GSP*)

3  
4 The work on this project shall be accomplished in accordance with the *Standard*  
5 *Specifications for Road, Bridge and Municipal Construction, 2022* edition, as issued by the  
6 Washington State Department of Transportation (WSDOT) and the American Public  
7 Works Association (APWA), Washington State Chapter (hereafter “Standard  
8 Specifications”). The Standard Specifications, as modified or supplemented by the these  
9 Special Provisions, all of which are made a part of the Contract Documents, shall govern  
10 all of the Work.

11  
12 These Special Provisions are made up of both General Special Provisions (GSPs) from  
13 various sources, which may have project-specific fill-ins; and project-specific Special  
14 Provisions. Each Provision either supplements, modifies, or replaces the comparable  
15 Standard Specification, or is a new Provision. The deletion, amendment, alteration, or  
16 addition to any subsection or portion of the Standard Specifications is meant to pertain  
17 only to that particular portion of the section, and in no way should it be interpreted that  
18 the balance of the section does not apply.

19  
20 The project-specific Special Provisions are not labeled as such. The GSPs are labeled  
21 under the headers of each GSP, with the effective date of the GSP and its source. For  
22 example:

23  
24 (*March 8, 2013 APWA GSP*)

25 (*April 1, 2013 WSDOT GSP*)

26 (*May 2013 KENMORE GSP*)

27  
28 Also incorporated into the Contract Documents by reference are:

- 29 • *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently  
30 adopted edition, with Washington State modifications, if any
- 31 • *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT/APWA,  
32 current edition
- 33 • *Sign Fabrication Manual*, WSDOT, current edition
- 34 • *City of Kenmore Road Standards and Standard Plans*, current edition
- 35 • *King County Standard Plans*, current edition

36  
37 Contractor shall obtain copies of these publications, at the Contractor’s own expense.

## 39 DESCRIPTION OF WORK

40 (*December 2016 KENMORE GSP*)

# SPECIAL PROVISIONS



1 Work for this project consists of constructing asphalt planning, HMA Overlay, HMA  
2 Widening, curbing, storm drainage, RRFB, signage, and channelization.

3  
4 The work to be performed under this Contract consists of the furnishing of materials,  
5 equipment, tools, labor, and other work or items included thereto (excepting any  
6 materials, equipment, utilities, or service, if any specified herein to be furnished by Owner  
7 or others), and performing all work as required by the Contract in accordance with the  
8 Contract Plans, these Contract Provisions, and the Standard Specifications, all of which are  
9 made a part hereof.

10  
11  
12 **★ ★ IMPORTANT - PLEASE READ ★ ★**

13  
14 These Special Provisions *supplement*, add *new*, *replace*, *revise*, or *delete* the combined  
15 WSDOT Standard Specifications and Amendments. For clarification of the purpose of the  
16 sections provided, these Special Provisions have the following added section descriptors:

17  
18 *Supplement:* Adds language to the identified section of the Standard  
19 Specifications.  
20 *New:* Specification section/subsection is unique to this project and  
21 will not be found in the Standard Specifications.  
22 *Replace:* A replacement of the entire identified section or subsection of  
23 the Standard Specifications.  
24 *Revise:* A revision of the identified sentence, paragraph, or table of the  
25 Standard Specifications.  
26 *Delete:* A deletion of an entire section, subsection, or specified text of  
27 the Standard Specifications  
28 *{Date} WSDOT GSP:* A WSDOT General Special Provision  
29 *{Date} APWA GSP:* An APWA General Special Provision.  
30 *{Date} KENMORE GSP:* A City of Kenmore General Special Provision.  
31 *(\*\*\*\*\*):* A project special provision  
32

# SPECIAL PROVISIONS



## DIVISION 1 GENERAL REQUIREMENTS

### 1-01 DEFINITIONS AND TERMS

#### 1-01.2(2) Items of Work and Units of Measurement (January 2022, Kenmore GSP)

SUPPLEMENT this section with the following:

Dol	Dollar
sf or sq.ft.	Square feet
hr	Hour

#### 1-01.3 Definitions (January 4, 2016 APWA GSP)

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

##### **Dates**

##### ***Bid Opening Date***

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

##### ***Award Date***

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

##### ***Contract Execution Date***

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

##### ***Notice to Proceed Date***

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

##### ***Substantial Completion Date***

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

##### ***Physical Completion Date***

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

## SPECIAL PROVISIONS



### ***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.

## SPECIAL PROVISIONS



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### **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.

*(August 2020 KENMORE GSP)*

SUPPLEMENT this Section with the following

### **Base Bid**

The work described within the plans and specifications prior to adjustments for alternative, additive and deductive bid items.

### **Contract Price**

Either the unit price, the unit prices, or lump sum price or prices named in the proposal, or in properly executed change orders.

### **Days**

Days as used in these Special Provisions will be understood to mean working days unless otherwise stated.

### **Deductive Bid**

One or more bid items/items of work which must be part of the bid but may be included in the Contract award and total amount deducted from the base bid.

### **Or Equivalent**

A manufactured article, material, method, or work, which in the opinion of Engineer, is equally desirable or suitable for the purposes intended in the Contract Documents, as compared with similar articles specifically mentioned therein.

## SPECIAL PROVISIONS



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### **Owner**

The City of Kenmore and its authorized representatives, which is a party to the Agreement. Same as Contracting Agency.

### **Performance Bond/Payment Bond**

Same as "Contract Bond".

### **Points**

Wherever reference is made to Engineer's points, this shall mean all marks, bench marks, reference points, stakes, hubs, tack, etc., established by Engineer for maintaining horizontal and vertical control of the work.

### **Project**

The structure or improvements to be constructed in whole or in part through the performance of the Contract.

### **Project Manual**

Same as Contract Provisions.

### **Proposal Form**

The Proposal Form also includes the Call for bids and the Instructions to Bidders and General Terms and Conditions as it relates to the order of precedence in specification section 1-04.2.

### **Provide**

Means "furnish and install" as specified and shown on the Plans.

### **Punch List**

A list of remaining contract work provided after the establishment of the Substantial Completion date and necessary to reach Physical Completion and Completion.

### **Supplemental Drawings and Instructions**

Additional instructions by Engineer at request of Contractor by means of drawings or documents necessary, in the opinion of Engineer, for the proper execution of the work. Such drawings and instructions are consistent with the Contract Documents.

### **Utility**

Public or private fixed improvement for the transportation of fluids, gases, power, signals, or communications and shall be understood to include poles, guys, tracks, overhead and underground wires, cables, pipelines, conduits, ductbanks, vaults, sewers, manholes, catch basins, cleanouts, and storm drains.

## 43 1-02 BID PROCEDURES AND CONDITIONS

# SPECIAL PROVISIONS



1  
2 **1-02.1 Prequalification of Bidders**

3  
4 REPLACE this Section with the following:

5  
6 **1-02.1 Qualifications of Bidder**

7 *(January 24, 2011 APWA GSP)*

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

11  
12 **1-02.1(1) Supplemental Qualifications Criteria**

13 *(July 31, 2017 APWA GSP)*

14  
15 In addition, the Contracting Agency has established Contracting Agency-specific  
16 and/or project-specific supplemental criteria, in accordance with RCW 39.04.350(3),  
17 for determining Bidder responsibility, including the basis for evaluation and the  
18 deadline for appealing a determination that a Bidder is not responsible. These criteria  
19 are contained in Section 1-02.14 Option C of these Special Provisions.

20  
21 **1-02.2 Plans and Specifications**

22 *(June 27, 2011 APWA GSP)*

23  
24 REPLACE this section with the following:

25  
26 Information as to where Bid Documents can be obtained or reviewed can be found in  
27 the Call for Bids (Advertisement for Bids) for the work.

28  
29 After award of the contract, plans and specifications will be issued to the Contractor  
30 at no cost as detailed below:

31

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

32  
33 Additional plans and Contract Provisions may be obtained by the Contractor from the  
34 source stated in the Call for Bids, at the Contractor's own expense.

35  
36 **1-02.4(1) General**

37 *(June 24, 2021 APWA GSP Option B)*



## SPECIAL PROVISIONS



1 REVISE The first sentence of the seventh paragraph, beginning with “Any prospective  
2 Bidder desiring...”, to read:

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

### 9 **1-02.5 Proposal Forms**

10 *(July 31, 2017 APWA GSP)*

11  
12 REPLACE this Section with the following:

13  
14 The Proposal Form will identify the project and its location and describe the work. It  
15 will also list estimated quantities, units of measurement, the items of work, and the  
16 materials to be furnished at the unit bid prices. The bidder shall complete spaces on  
17 the proposal form that call for, but are not limited to, unit prices; extensions;  
18 summations; the total bid amount; signatures; date; and, where applicable, retail sales  
19 taxes and acknowledgment of addenda; the bidder’s name, address, telephone  
20 number, and signature; the bidder’s UDBE/DBE/M/WBE commitment, if applicable; a  
21 State of Washington Contractor’s Registration Number; and a Business License  
22 Number, if applicable. Bids shall be completed by typing or shall be printed in ink by  
23 hand, preferably in black ink. The required certifications are included as part of the  
24 Proposal Form.

25  
26 The Contracting Agency reserves the right to arrange the proposal forms with  
27 alternates and additives, if such be to the advantage of the Contracting Agency. The  
28 bidder shall bid on all alternates and additives set forth in the Proposal Form unless  
29 otherwise specified.

### 30 31 **1-02.6 Preparation of Proposal**

32 *(December 10, 2020 APWA GSP – Option B)*

33  
34 SUPPLEMENT the second paragraph with the following:

- 35  
36 4. If a minimum bid amount has been established for any item, the unit or lump  
37 sum price must equal or exceed the minimum amount stated.  
38 5. Any correction to a bid made by interlineation, alteration, or erasure, shall be  
39 initialed by the signer of the bid.

40  
41 REPLACE the last two paragraphs with the following:

42  
43 The Bidder shall submit with their Bid a completed Contractor Certification Wage  
44 Law Compliance form, provided by the Contracting Agency. Failure to return this

## SPECIAL PROVISIONS



1 certification as part of the Bid Proposal package will make this Bid Nonresponsive  
2 and ineligible for Award. A Contractor Certification of Wage Law Compliance form is  
3 included in the Proposal Forms.

4  
5 The Bidder shall make no stipulation on the Bid Form, nor qualify the bid in any  
6 manner.

7  
8 A bid by a corporation shall be executed in the corporate name, by the president or a  
9 vice president (or other corporate officer accompanied by evidence of authority to  
10 sign).

11  
12 A bid by a partnership shall be executed in the partnership name, and signed by a  
13 partner. A copy of the partnership agreement shall be submitted with the Bid Form if  
14 any UDBE requirements are to be satisfied through such an agreement.

15  
16 A bid by a joint venture shall be executed in the joint venture name and signed by a  
17 member of the joint venture. A copy of the joint venture agreement shall be submitted  
18 with the Bid Form if any UDBE requirements are to be satisfied through such an  
19 agreement.

20  
21 *(August 2, 2004 WSDOT GSP – OPT 3)*

22  
23 DELETE the fifth and sixth paragraphs.

24  
25 **1-02.7 Bid Deposit**  
26 *(March 8, 2013 APWA GSP)*

27  
28 SUPPLEMENT this Section with the following:

29  
30 Bid bonds shall contain the following:

- 31 1. Contracting Agency-assigned number for the project;
  - 32 2. Name of the project;
  - 33 3. The Contracting Agency named as obligee;
  - 34 4. The amount of the bid bond stated either as a dollar figure or as a percentage which  
35 represents five percent of the maximum bid amount that could be awarded;
  - 36 5. Signature of the bidder's officer empowered to sign official statements. The  
37 signature of the person authorized to submit the bid should agree with the  
38 signature on the bond, and the title of the person must accompany the said  
39 signature;
  - 40 6. The signature of the surety's officer empowered to sign the bond and the power of  
41 attorney.
- 42

## SPECIAL PROVISIONS



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

3  
4 If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

### 5 6 **1-02.9 Delivery of Proposal**

7 *(January 2022 Kenmore GSP)*

8  
9 REPLACE this section with the following:

10  
11 Each Proposal shall be submitted electronically prior to the bid due date and time via  
12 email. Bids shall be in pdf format and shall include bid number, title of bid and company  
13 name in the email title and send scanned pdf bid attachments to:

14  
15 [bids@kenmorewa.gov](mailto:bids@kenmorewa.gov)

16  
17 Bidders are solely responsible for electronic delivery of their Bid Proposal and any  
18 revisions. The City's email can accept file sizes up to 25MB, however bidders are advised  
19 to verify with their email providers, any document size restrictions they may have in  
20 SENDING documents. Should size restrictions prevent the entire bid being sent in one  
21 email, bidders may provide their bids over multiple emails. If bids are sent over multiple  
22 emails, each email should be numbered (ie. Part 1 of #, Part 2 of #, etc) for clarity. For  
23 bids sent in multiple emails, only portions received by the specific bid due date and time  
24 will be considered. The City assumes no responsibility for delayed delivery. No oral,  
25 telephonic or facsimile bids or modifications will be accepted. Any bid or modification of  
26 a bid received after the scheduled time and date for the bid closing, regardless of cause,  
27 will not be accepted or considered. Electronic bids received after the bid opening date and  
28 time will not be accepted.

29  
30 By transmitting the bid proposal to the City, bidders attest that the authorized  
31 representative of the bidder represents that 1) an original hand signed bid proposal  
32 and an original bid guarantee bond are in the possession of the bidder, 2) the bidder  
33 is agreeing to be bound by all of the conditions of the bid documents and 3) will  
34 present the signed bid proposal and other required documents including the bid  
35 guarantee bond upon request of the City.

36  
37 Bids remain confidential until bid opening after which bids are considered a public  
38 record subject to public disclosure under Chapter [42.56 RCW](#). Bidder shall mark as  
39 "proprietary" any information that Bidder believes meets the exemption under  
40 [RCW 42.56.270\(1\)](#). This assertion of proprietary information will be considered by  
41 the City in response to public records requests. Bid results will be made available  
42 as soon as practical following the bid opening.

## SPECIAL PROVISIONS



1 The following supplemental documents, if required, shall be received either with the  
2 Bid Proposal or as a Supplement to the Bid. If received as a supplement to the Bid, the  
3 documents shall be received **within the time frame noted after each document** (not  
4 including Saturdays, Sundays and Holidays) after the time for delivery of the Bid  
5 Proposal:

- 6
- 7 • Certification of Compliance with Wage Payment Statutes (24 hours)
- 8 • Local Agency Subcontractor List (1 hour)
- 9 • Project references (48 hours)

10

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

- 13
- 14 1. By e-mail to the following e-mail address: [bids@kenmorewa.gov](mailto:bids@kenmorewa.gov)

15

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

18

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

26

27 If an emergency or unanticipated event interrupts normal work processes of the  
28 Contracting Agency so that Proposals cannot be received at the location designated for  
29 receipt of bids as specified above the time specified for receipt of the Proposal will be  
30 deemed to be extended to the same time of day specified in the solicitation on the first  
31 work day on which the normal work processes of the Contracting Agency resume.

### 32

### 33 **1-02.10 Withdrawing, Revising, or Supplementing Proposal**

34 *(July 23, 2015 APWA GSP)*

35

36 REPLACE this section with the following:

37

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

- 40
- 41 1. The Bidder submits a written request signed by an authorized person and  
42 physically delivers it to the place designated for receipt of Bid Proposals, and
- 43 2. The Contracting Agency receives the request before the time set for receipt of Bid  
44 Proposals, and

## SPECIAL PROVISIONS



1 3. The revised or supplemented Bid Proposal (if any) is received by the Contracting  
2 Agency before the time set for receipt of Bid Proposals.

3  
4 If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received  
5 before the time set for receipt of Bid Proposals, the Contracting Agency will return the  
6 unopened Proposal package to the Bidder. The Bidder must then submit the revised  
7 or supplemented package in its entirety. If the Bidder does not submit a revised or  
8 supplemented package, then its bid shall be considered withdrawn.

9  
10 Late revised or supplemented Bid Proposals or late withdrawal requests will be date  
11 recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed  
12 requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.

13  
14 **1-02.13 Irregular Proposals**  
15 *(October 1, 2020 APWA GSP)*

16  
17 REPLACE this section with following:

- 18  
19 1. A proposal will be considered irregular and will be rejected if:  
20 a. The Bidder is not prequalified when so required;  
21 b. The authorized proposal form furnished by the Contracting Agency is not  
22 used or is altered;  
23 c. The completed proposal form contains any unauthorized additions,  
24 deletions, alternate Bids, or conditions;  
25 d. The Bidder adds provisions reserving the right to reject or accept the  
26 award, or enter into the Contract;  
27 e. A price per unit cannot be determined from the Bid Proposal;  
28 f. The Proposal form is not properly executed;  
29 g. The Bidder fails to submit or properly complete a Subcontractor list, if  
30 applicable, as required in Section 1-02.6;  
31 h. The Bidder fails to submit or properly complete an Disadvantaged Business  
32 Enterprise Certification, if applicable, as required in Section 1-02.6;  
33 i. The Bidder fails to submit written confirmation from each DBE firm listed  
34 on the Bidder's completed DBE Utilization Certification that they are in  
35 agreement with the bidders DBE participation commitment, if applicable,  
36 as required in Section 1-02.6, or if the written confirmation that is  
37 submitted fails to meet the requirements of the Special Provisions;  
38 j. The Bidder fails to submit DBE Good Faith Effort documentation, if  
39 applicable, as required in Section 1-02.6, or if the documentation that is  
40 submitted fails to demonstrate that a Good Faith Effort to meet the  
41 Condition of Award was made;  
42 k. The Bidder fails to submit a DBE Bid Item Breakdown form, if applicable,  
43 as required in Section 1-02.6, or if the documentation that is submitted  
44 fails to meet the requirements of the Special Provisions;

## SPECIAL PROVISIONS



- 1 l. The Bidder fails to submit DBE Trucking Credit Forms, if applicable, as  
2 required in Section 1-02.6, or if the documentation that is submitted fails  
3 to meet the requirements of the Special Provisions;
- 4 m. The Bid Proposal does not constitute a definite and unqualified offer to  
5 meet the material terms of the Bid invitation; or
- 6 n. More than one Proposal is submitted for the same project from a Bidder  
7 under the same or different names
- 8 2. A Proposal may be considered irregular and may be rejected if:
  - 9 a. The Proposal does not include a unit price for every Bid item;
  - 10 b. Any of the unit prices are excessively unbalanced (either above or below  
11 the amount of a reasonable Bid) to the potential detriment of the  
12 Contracting Agency;
  - 13 c. Receipt of Addenda is not acknowledged;
  - 14 d. A member of a joint venture or partnership and the joint venture or  
15 partnership submit Proposals for the same project (in such an instance,  
16 both Bids may be rejected); or
  - 17 e. If Proposal form entries are not made in ink.

18  
19 *(August 2020 KENMORE GSP)*

20  
21 SUPPLEMENT Item 2 with:

- 22
- 23 f. References are not provided as indicated on the Statement of Bidder  
24 Qualifications.

### 25 26 **1-02.14 Disqualification of Bidders**

27 *(May 17, 2018 APWA GSP Option C)*

28  
29 REPLACE this Section with the following:

30  
31 A Bidder will be deemed not responsible if the Bidder does not meet the mandatory  
32 bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet the  
33 following Supplemental Criteria 1-7 in this Section:

34  
35 The Contracting Agency will verify that the Bidder meets the mandatory bidder  
36 responsibility criteria in RCW 39.04.350(1), and Supplemental Criteria 1-2. Evidence  
37 that the Bidder meets Supplemental Criteria 3-7 shall be provided by the Bidder as  
38 stated later in this Section.

39  
40 In addition, the Bidder shall submit to the Contracting Agency a signed "Certification  
41 of Compliance with Wage Payment Statutes" document where the Bidder under  
42 penalty of perjury verifies that the Bidder is in compliance with responsible bidder  
43 criteria in RCW 39.04.350 subsection (1)(g). A form appropriate for "Certification of  
44 Compliance with Wage Payment Statutes" will be provided by the Contracting Agency

## SPECIAL PROVISIONS



1 in the Bid Documents. The form provided in the Bid Documents shall be submitted  
2 with the Bid as stated in Section 1-02.9.

### 3 4 **1. Delinquent State Taxes**

5  
6 A. Criterion: The Bidder shall not owe delinquent taxes to the Washington State  
7 Department of Revenue without a payment plan approved by the Department  
8 of Revenue.

9  
10 B. Documentation: The Bidder, if and when required as detailed below, shall sign  
11 a statement (on a form to be provided by the Contracting Agency) that the  
12 Bidder does not owe delinquent taxes to the Washington State Department of  
13 Revenue, or if delinquent taxes are owed to the Washington State Department  
14 of Revenue, the Bidder must submit a written payment plan approved by the  
15 Department of Revenue, to the Contracting Agency by the deadline listed  
16 below.

### 17 18 **2. Federal Debarment**

19  
20 A. Criterion: The Bidder shall not currently be debarred or suspended by the  
21 Federal government.

22  
23 B. Documentation: The Bidder shall not be listed as having an “active exclusion”  
24 on the U.S. government’s “System for Award Management” database  
25 (<http://www.sam.gov/portal/SAM/#1>).

### 26 27 **3. Subcontractor Responsibility**

28  
29 A. Criterion: The Bidder’s standard subcontract form shall include the  
30 subcontractor responsibility language required by RCW 39.06.020, and the  
31 Bidder shall have an established procedure which it utilizes to validate the  
32 responsibility of each of its subcontractors. The Bidder’s subcontract form  
33 shall also include a requirement that each of its subcontractors shall have and  
34 document a similar procedure to determine whether the sub-tier  
35 subcontractors with whom it contracts are also “responsible” subcontractors  
36 as defined by RCW 39.06.020.

37  
38 B. Documentation: The Bidder, if and when required as detailed below, shall  
39 submit a copy of its standard subcontract form for review by the Contracting  
40 Agency, and a written description of its procedure for validating the  
41 responsibility of subcontractors with which it contracts.

### 42 43 **4. Claims Against Retainage and Bonds**

44

## SPECIAL PROVISIONS



1 A. Criterion: The Bidder shall not have a record of excessive claims filed against  
2 the retainage or payment bonds for public works projects in the three years  
3 prior to the bid submittal date, that demonstrate a lack of effective  
4 management by the Bidder of making timely and appropriate payments to its  
5 subcontractors, suppliers, and workers, unless there are extenuating  
6 circumstances and such circumstances are deemed acceptable to the  
7 Contracting Agency.

8  
9 B. Documentation: The Bidder, if and when required as detailed below, shall  
10 submit a list of the public works projects completed in the three years prior to  
11 the bid submittal date that have had claims against retainage and bonds and  
12 include for each project the following information:

- 13
- 14 • Name of project
- 15 • The owner and contact information for the owner;
- 16 • A list of claims filed against the retainage and/or payment bond for any of  
17 the projects listed;
- 18 • A written explanation of the circumstances surrounding each claim and the  
19 ultimate resolution of the claim.
- 20

### 21 5. Public Bidding Crime

22  
23 A. Criterion: The Bidder and/or its owners shall not have been convicted of a  
24 crime involving bidding on a public works contract in the five years prior to the  
25 bid submittal date.

26  
27 B. Documentation: The Bidder, if and when required as detailed below, shall sign  
28 a statement (on a form to be provided by the Contracting Agency) that the  
29 Bidder and/or its owners have not been convicted of a crime involving bidding  
30 on a public works contract.

### 31 32 6. Termination for Cause / Termination for Default

33  
34 A. Criterion: The Bidder shall not have had any public works contract terminated  
35 for cause or terminated for default by a government agency in the five years  
36 prior to the bid submittal date, unless there are extenuating circumstances and  
37 such circumstances are deemed acceptable to the Contracting Agency.

38  
39 B. Documentation: The Bidder, if and when required as detailed below, shall sign  
40 a statement (on a form to be provided by the Contracting Agency) that the  
41 Bidder has not had any public works contract terminated for cause or  
42 terminated for default by a government agency in the five years prior to the bid  
43 submittal date; or if Bidder was terminated, describe the circumstances.

44



## SPECIAL PROVISIONS



1       7. Lawsuits  
2

3           A. Criterion: The Bidder shall not have lawsuits with judgments entered against  
4           the Bidder in the five years prior to the bid submittal date that demonstrate a  
5           pattern of failing to meet the terms of contracts, unless there are extenuating  
6           circumstances and such circumstances are deemed acceptable to the  
7           Contracting Agency.  
8

9           B. Documentation: The Bidder, if and when required as detailed below, shall sign  
10          a statement (on a form to be provided by the Contracting Agency) that the  
11          Bidder has not had any lawsuits with judgments entered against the Bidder in  
12          the five years prior to the bid submittal date that demonstrate a pattern of  
13          failing to meet the terms of contracts, or shall submit a list of all lawsuits with  
14          judgments entered against the Bidder in the five years prior to the bid  
15          submittal date, along with a written explanation of the circumstances  
16          surrounding each such lawsuit. The Contracting Agency shall evaluate these  
17          explanations to determine whether the lawsuits demonstrate a pattern of  
18          failing to meet of terms of construction related contracts.  
19

20       As evidence that the Bidder meets the mandatory and Supplemental Responsibility  
21       Criteria 3-7 stated above, the apparent two lowest Bidders must submit to the  
22       Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid  
23       submittal deadline, a written statement verifying that the Bidder meets Supplemental  
24       Criteria 3-7 together with supporting documentation (sufficient in the sole judgment  
25       of the Contracting Agency) demonstrating compliance with Supplemental  
26       Responsibility Criteria. The Contracting Agency reserves the right to request further  
27       documentation as needed from the low bidder and documentation from other Bidders  
28       as well as to assess Bidder responsibility and compliance with all bidder responsibility  
29       criteria. The Contracting Agency also reserves the right to obtain information from  
30       third-parties and independent sources of information concerning a Bidder's  
31       compliance with the mandatory and supplemental criteria, and to use that information  
32       in their evaluation. The Contracting Agency may consider mitigating factors in  
33       determining whether the Bidder complies with the requirements of the Supplemental  
34       Criteria.  
35

36       The basis for evaluation of Bidder compliance with these mandatory and  
37       supplemental criteria shall include any documents or facts obtained by Contracting  
38       Agency (whether from the Bidder or third parties) including but not limited to: (i)  
39       financial, historical, or operational data from the Bidder; (ii) information obtained  
40       directly by the Contracting Agency from others for whom the Bidder has worked, or  
41       other public agencies or private enterprises; and (iii) any additional information  
42       obtained by the Contracting Agency which is believed to be relevant to the matter.  
43

## SPECIAL PROVISIONS



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

12  
13 Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders  
14 with concerns about the relevancy or restrictiveness of the Supplemental Bidder  
15 Responsibility Criteria may make or submit requests to the Contracting Agency to  
16 modify the criteria. Such requests shall be in writing, describe the nature of the  
17 concerns, and propose specific modifications to the criteria. Bidders shall submit such  
18 requests to the Contracting Agency no later than five (5) business days prior to the bid  
19 submittal deadline and address the request to the Project Engineer or such other  
20 person designated by the Contracting Agency in the Bid Documents.

### 21 22 **1-02.15 Pre Award Information** 23 *(August 14, 2013 APWA GSP)*

24  
25 REPLACE this Section with the following:

26  
27 Before awarding any contract, the Contracting Agency may require one or more of  
28 these items or actions of the apparent lowest responsible bidder:

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

### 40 **1-03 AWARD AND EXECUTION OF CONTRACT**

## SPECIAL PROVISIONS



### 1-03.1 Consideration of Bids

*(January 23, 2006 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.

### 1-03.3 Execution of Contract

*(October 1, 2005 APWA GSP)*

REPLACE this Section with the following:

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder within 10 working days following award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within 21 calendar days after the award date, or the contract routing date, the successful bidder shall return the signed Contracting Agency-prepared contract, a completed W-9 form, an insurance certification as required by Section 1-07.18, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

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

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within the calendar days after the award date stated above,

## SPECIAL PROVISIONS



1 the Contracting Agency may grant up to a maximum of 28 calendar days for return of  
2 the documents, provided the Contracting Agency deems the circumstances warrant it.

### 3 4 **1-03.4 Contract Bond**

5 *(July 23, 2015 APWA GSP)*

6  
7 DELETE the first paragraph and replace it with the following:

8  
9 The successful bidder shall provide executed payment and performance bond(s) for  
10 the full contract amount. The bond may be a combined payment and performance  
11 bond; or be separate payment and performance bonds. In the case of separate  
12 payment and performance bonds, each shall be for the full contract amount. The  
13 bond(s) shall:

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

### 40 41 **1-03.4(1) Retainage in Lieu of Contract Bond**

42 *(May 17, 2018 APWA GSP)*

## SPECIAL PROVISIONS



1 NEW Section:  
2

3 For contracts of \$35,000 or less, the Contractor may, at the Contractor's option,  
4 authorize the Contracting Agency to retain fifty percent (50%) of the contract  
5 amount in lieu of furnishing a performance and/or payment bond. If the Contractor  
6 elects this option, the retainage shall be held for a period of thirty (30) days after the  
7 date of final acceptance, or until receipt of all necessary releases from the  
8 Departments of Revenue and of Labor and Industries and settlement of any liens  
9 filed under RCW 60.28, whichever is later. The Contractor must advise the  
10 Contracting Agency in writing of the Contractor's election to authorize retainage in  
11 lieu of a bond, at the time of execution of the Contract.  
12

13 In choosing this option, the Contractor agrees that if the Contractor, its heirs,  
14 executors, administrators, successors, or assigns, shall in all things stand to and abide  
15 by, and well and truly keep and perform the covenants, conditions and agreements in  
16 the Contract, and shall faithfully perform all the provisions of such contract and shall  
17 also well and truly perform and fulfill all the undertakings, covenants, terms,  
18 conditions and agreements of any and all duly authorized modifications of the  
19 Contract that may hereafter be made, at the time and in the manner therein specified,  
20 and shall pay all laborers, mechanics, subcontractors, and material suppliers, and all  
21 persons who shall supply such person or persons, or subcontractors, with provisions  
22 and supplies for the carrying on of such work, on his or her part, and shall indemnify  
23 and save harmless the Contracting Agency, its officers and agents from any claim for  
24 such payment, then the funds retained in lieu of a performance bond shall be released  
25 at the time provided above; otherwise, the funds shall be retained until the Contractor  
26 fulfills the said obligations.  
27

28 **1-03.7 Judicial Review**  
29 *(November 30, 2018 APWA GSP)*  
30

31 REVISE this section to read:  
32

33 Any decision made by the Contracting Agency regarding the Award and execution of  
34 the Contract or Bid rejection shall be conclusive subject to the scope of judicial review  
35 permitted under Washington Law. Such review, if any, shall be timely filed in the  
36 Superior Court of the county where the Contracting Agency headquarters is located,  
37 provided that where an action is asserted against a county, RCW 36.01.050 shall  
38 control venue and jurisdiction.  
39

## SPECIAL PROVISIONS



### 1-03.8 Bid Award Protest

*(January 2021 KENMORE GSP)*

NEW section:

Per RCW 39.04.105:

1. Within two business days of the bid opening on a public works project that is the subject of competitive bids, the municipality must provide, if requested by a bidder, copies of the bids the municipality received for the project. The municipality shall then allow at least two full business days after providing bidders with copies of all bids before executing a contract for the project. Intermediate Saturdays, Sundays, and legal holidays are not counted.
2. When a municipality receives a written protest from a bidder for a public works project that is the subject of competitive bids, the municipality must not execute a contract for the project with anyone other than the protesting bidder without first providing at least two full business days' written notice of the municipality's intent to execute a contract for the project; provided that the protesting bidder submits notice in writing of its protest no later than:
  - a. Two full business days following bid opening, if no bidder requested copies of the bids received for the project under subsection (1) of this section; or
  - b. Two full business days following when the municipality provided copies of the bids to those bidders requesting bids under subsection (1) of this section. Intermediate Saturdays, Sundays, and legal holidays are not counted.

### 1-04 SCOPE OF THE WORK

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

*(December 10, 2020 APWA GSP)*

REVISE the second paragraph to read:

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

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

## SPECIAL PROVISIONS



1 **1-04.4 Changes**

2 *(January 2022 KENMORE GSP)*

3  
4 REVISE Paragraph 7 to Read as Follows:

5 The Contractor shall proceed with the Work upon receiving:

- 6 1. A written change order approved by the Engineer, or  
7 2. A written directive from the Project Engineer before receiving a written change  
8 order if appropriate, or  
9 3. An oral order from the Engineer before receiving a written change order or  
10 directive.

11  
12 **1-04.4(1) Unexpected Site Changes**

13 *(December 2016 Kenmore GSP)*

14  
15 NEW Section:

16  
17 Payments or credits for changes amounting to \$50,000 or less may be made under the  
18 Bid item “Unexpected Site Changes”. At the discretion of the Contracting Agency, this  
19 procedure for Unexpected Site Changes may be used in lieu of the more formal  
20 procedure as outlined in Section 1-04.4, Changes.

21  
22 The Contractor will be provided a copy of the completed order for Unexpected Site  
23 Changes. The agreement for the Unexpected Site Changes will be documented by  
24 signature of the Contractor, or notation of verbal agreement. If the Contractor is in  
25 disagreement with anything required by the order for Unexpected Site Changes, the  
26 Contractor may protest the order as provided in Section 1-04.5.

27  
28 Payments will be determined in accordance with Section 1-09.6. For the purpose of  
29 providing a common Proposal for all Bidders, the Contracting Agency has entered an  
30 amount for “Unexpected Site Changes” in the Proposal to become a part of the total  
31 Bid by the Contractor.

32  
33 **1-04.5(1) Disputes**

34 *(January 2022 Kenmore GSP)*

35  
36 REVISE the fourth paragraph to read:

37  
38 When the Proposal Form does not include the Bid item “Disputes Review Board”, the  
39 Contractor shall comply with the formal certified claim process outlined in Section 1-  
40 09.11(2).  
41

## SPECIAL PROVISIONS



### 1-04.6 Variation in Estimated Quantities

*(July 23, 2015 APWA GSP Option B)*

REVISE the first paragraph to read:

Payment to the Contractor will be made only for the actual quantities of Work performed and accepted in conformance with the Contract. When the accepted quantity of Work performed under a unit item varies from the original Proposal quantity, payment will be at the unit Contract price for all work unless the total accepted quantity of any Contract item, adjusted to exclude added or deleted amounts included in change orders accepted by both parties, increases or decreases by more than 25 percent from the original Proposal quantity, and if the total extended bid price for that item at time of award is equal to or greater than 10 percent of the total contract price at time of award. In that case, payment for contract work may be adjusted as described herein:

### 1-05 CONTROL OF WORK

#### 1-05.3 Working Drawings

*(August 2020 KENMORE GSP)*

SUPPLEMENT this Section with the following:

Drawings shall show the name of the project, the name of Contractor and, if any, the names of suppliers, manufacturers and subcontractors. Shop drawings shall be submitted promptly and in orderly sequence so as to cause no delay in prosecution of the Work. Contractor shall provide sufficient time in their schedule for review of long lead items and shall provide submittals early enough to allow for ordering, fabrication, and installation of said long lead items within the allowed contract working days.

Engineer will return submittals to Contractor with any comments noted thereon. If the Contractor makes any changes to the submittal, resubmit in the same manner as specified for the original submittals. Contractor, in the letter of transmittal accompanying resubmittal, shall direct specific attention to any revisions made.

One copy of all approved submittals shall be kept constantly accessible at the construction site.

REVISE the first sentence of the third paragraph to read:

All working drawings shall be considered Type 2 Working Drawings except as specifically noted otherwise in the Contract Provisions.



## SPECIAL PROVISIONS



### 1-05.4 Conformity With and Deviations From Plans and Stakes

*(July 23, 2015 APWA GSP, Option 2)*

SUPPLEMENT this section with the following:

#### **Bridge and Structure Surveys**

For all structural work such as bridges and retaining walls, the Contractor shall retain as a part of Contractor's organization an experienced team of surveyors.

The Contractor shall provide all surveys required to complete the structure, except the following primary survey control which will be provided by the Engineer:

1. Centerline or offsets to centerline of the structure.
2. Stations of abutments and pier centerlines.
3. A sufficient number of bench marks for levels to enable the Contractor to set grades at reasonably short distances.
4. Monuments and control points as shown in the Plans.

The Contractor shall establish all secondary survey controls, both horizontal and vertical, as necessary to assure proper placement of all project elements based on the primary control points provided by the Engineer. Survey work shall be within the following tolerances:

Stationing	$\pm 0.01$ foot
Alignment	$\pm 0.01$ foot (between successive points)
Superstructure Elevations	$\pm 0.01$ foot (from plan elevations)
Substructure Elevations	$\pm 0.05$ foot (from plan elevations)

During the progress of the work, the Contractor shall make available to the Engineer all field books including survey information, footing elevations, cross sections and quantities.

The Contractor shall be fully responsible for the close coordination of field locations and measurements with appropriate dimensions of structural members being fabricated.

*(August 2020 KENMORE GSP)*

SUPPLEMENT this section with the following:

#### **Payment**

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

"Structure Surveying", lump sum.

## SPECIAL PROVISIONS



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

5  
6 *(August 2020 KENMORE GSP)*

7  
8 SUPPLEMENT this section with the following:

### 9 10 **Referencing Existing Lines and Pavement Markings**

11 The Contractor shall identify and stake temporary construction easement lines,  
12 improvement permit lines, and property corners along the City Right of Way for all  
13 private properties adjacent to the Work for the duration of the project.

14  
15 If the project plans do not include a channelization plan, the Contractor shall be  
16 responsible for referencing and documenting all existing pavement marking types and  
17 locations. The Contractor's referencing plans shall indicate reference points and  
18 offsets taken at consistent intervals sufficient to restore all pavement markings to  
19 original configuration within two inches. The Contractor shall demonstrate to the  
20 Engineer that referencing has been accomplished prior to performing any Work that  
21 will remove or cover the existing markings.

22  
23 The Contractor shall also be responsible for laying out all temporary and permanent  
24 pavement markings to the pre-existing locations or in modified locations as shown in  
25 the plans. Pavement markings shall be replaced in kind using the same materials or  
26 materials called for in the plans and specifications and shall match the pre-existing  
27 pavement marking types.

28  
29 Payment for this Work shall be included in the lump sum price "Roadway Surveying".

30  
31 *(January 13, 2021 WSDOT GSP - OPT 2)*

32  
33 SUPPLEMENT this section with the following:

### 34 35 **Contractor Surveying - Roadway**

36 The Contracting Agency has provided primary survey control on the Plans.

37  
38 The Contractor shall be responsible for setting, maintaining, and resetting all  
39 alignment stakes, slope stakes, and grades necessary for the construction of the  
40 roadbed, drainage, surfacing, paving, channelization and pavement marking,  
41 illumination and signals, guardrails and barriers, and signing. Except for the survey  
42 control data to be furnished by the Contracting Agency, calculations, surveying, and  
43 measuring required for setting and maintaining the necessary lines and grades shall  
44 be the Contractor's responsibility.

## SPECIAL PROVISIONS



1  
2 The Contractor shall inform the Engineer when monuments are discovered that were  
3 not identified in the Plans and construction activity may disturb or damage the  
4 monuments. All monuments noted on the plans "DO NOT DISTURB" shall be  
5 protected throughout the length of the project or be replaced at the Contractors  
6 expense.

7  
8 Detailed survey records shall be maintained, including a description of the work  
9 performed on each shift, the methods utilized, and the control points used. The  
10 record shall be adequate to allow the survey to be reproduced. A copy of each day's  
11 record shall be provided to the Engineer within three working days after the end of  
12 the shift.

13  
14 The meaning of words and terms used in this provision shall be as listed in  
15 "Definitions of Surveying and Associated Terms" current edition, published by the  
16 American Congress on Surveying and Mapping and the American Society of Civil  
17 Engineers.

18  
19 The survey work shall include but not be limited to the following:

- 20  
21 1. Verify the primary horizontal and vertical control furnished by the  
22 Contracting Agency, and expand into secondary control by adding stakes and  
23 hubs as well as additional survey control needed for the project. Provide  
24 descriptions of secondary control to the Contracting Agency. The  
25 description shall include coordinates and elevations of all secondary control  
26 points.
- 27  
28 2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks  
29 on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs)  
30 and at points on the alignments spaced no further than 50 feet.
- 31  
32 3. Establish clearing limits, placing stakes at all angle points and at  
33 intermediate points not more than 50 feet apart. The clearing and grubbing  
34 limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a  
35 cut unless otherwise shown in the Plans.
- 36  
37 4. Establish grading limits, placing slope stakes at centerline increments not  
38 more than 50 feet apart. Establish offset reference to all slope stakes. If  
39 Global Positioning Satellite (GPS) Machine Controls are used to provide  
40 grade control, then slope stakes may be omitted at the discretion of the  
41 Contractor
- 42

## SPECIAL PROVISIONS



- 1           5. Establish the horizontal and vertical location of all drainage features, placing  
2           offset stakes to all drainage structures and to pipes at a horizontal interval  
3           not greater than 25 feet.  
4
- 5           6. Establish roadbed and surfacing elevations by placing stakes at the top of  
6           subgrade and at the top of each course of surfacing. Subgrade and surfacing  
7           stakes shall be set at horizontal intervals not greater than 50 feet in tangent  
8           sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-  
9           foot intervals in intersection radii with a radius less than 10 feet.  
10          Transversely, stakes shall be placed at all locations where the roadway slope  
11          changes and at additional points such that the transverse spacing of stakes  
12          is not more than 12 feet. If GPS Machine Controls are used to provide grade  
13          control, then roadbed and surfacing stakes may be omitted at the discretion  
14          of the Contractor.  
15
- 16          7. Establish intermediate elevation benchmarks as needed to check work  
17          throughout the project.  
18
- 19          8. Provide references for paving pins at 25-foot intervals or provide  
20          simultaneous surveying to establish location and elevation of paving pins as  
21          they are being placed.  
22
- 23          9. For all other types of construction included in this provision, (including but  
24          not limited to channelization and pavement marking, illumination and  
25          signals, guardrails and barriers, and signing) provide staking and layout as  
26          necessary to adequately locate, construct, and check the specific  
27          construction activity.  
28
- 29          10. Contractor shall determine if changes are needed to the profiles or roadway  
30          sections shown in the Contract Plans in order to achieve proper smoothness  
31          and drainage where matching into existing features, such as a smooth  
32          transition from new pavement to existing pavement. The Contractor shall  
33          submit these changes to the Engineer for review and approval 10 days prior  
34          to the beginning of work.  
35

36          The Contractor shall provide the Contracting Agency copies of any calculations and  
37          staking data when requested by the Engineer.  
38

39          The Contractor shall ensure a surveying accuracy within the following tolerances:  
40

# SPECIAL PROVISIONS



1		Vertical	Horizontal
2	Slope stakes	±0.10 feet	±0.10 feet
3	Subgrade grade stakes set		
4	0.04 feet below grade	±0.01 feet	±0.5 feet
5			(parallel to alignment)
6			±0.1 feet
7			(normal to alignment)
8			
9	Stationing on roadway	N/A	±0.1 feet
10	Alignment on roadway	N/A	±0.04 feet
11	Surfacing grade stakes	±0.01 feet	±0.5 feet
12			(parallel to alignment)
13			±0.1 feet
14			(normal to alignment)
15			
16	Roadway paving pins for		
17	surfacing or paving	±0.01 feet	±0.2 feet
18			(parallel to alignment)
19			±0.1 feet
20			(normal to alignment)

21  
22 The Contracting Agency may spot-check the Contractor's surveying. These spot-  
23 checks will not change the requirements for normal checking by the Contractor.

24  
25 When staking roadway alignment and stationing, the Contractor shall perform  
26 independent checks from different secondary control to ensure that the points staked  
27 are within the specified survey accuracy tolerances.

28  
29 The Contractor shall calculate coordinates for the alignment. The Contracting Agency  
30 will verify these coordinates prior to issuing approval to the Contractor for  
31 commencing with the work. The Contracting Agency will require up to seven  
32 calendar days from the date the data is received.

33  
34 Contract work to be performed using contractor-provided stakes shall not begin until  
35 the stakes are approved by the Contracting Agency. Such approval shall not relieve  
36 the Contractor of responsibility for the accuracy of the stakes.

37  
38 Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are  
39 needed that are not described in the Plans, then those stakes shall be marked, at no  
40 additional cost to the Contracting Agency as ordered by the Engineer.

41  
42 **Payment**

43 Payment will be made for the following bid item when included in the proposal:  
44

## SPECIAL PROVISIONS



1 "Roadway Surveying", lump sum.

2  
3 The lump sum contract price for "Roadway Surveying" shall be full pay for all labor,  
4 equipment, materials, and supervision utilized to perform the Work specified,  
5 including any resurveying, checking, correction of errors, replacement of missing or  
6 damaged stakes, and coordination efforts.

7  
8 **1-05.7 Removal of Defective and Unauthorized Work**  
9 *(October 1, 2005 APWA GSP)*

10  
11 SUPPLEMENT this Section with the following:

12  
13 If the Contractor fails to remedy defective or unauthorized work within the time  
14 specified in a written notice from the Engineer, or fails to perform any part of the work  
15 required by the Contract Documents, the Engineer may correct and remedy such work  
16 as may be identified in the written notice, with Contracting Agency forces or by such  
17 other means as the Contracting Agency may deem necessary.

18  
19 If the Contractor fails to comply with a written order to remedy what the Engineer  
20 determines to be an emergency situation, the Engineer may have the defective and  
21 unauthorized work corrected immediately, have the rejected work removed and  
22 replaced, or have work the Contractor refuses to perform completed by using  
23 Contracting Agency or other forces. An emergency situation is any situation when, in  
24 the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or might  
25 cause serious risk of loss or damage to the public.

26  
27 Direct or indirect costs incurred by the Contracting Agency attributable to correcting  
28 and remedying defective or unauthorized work, or work the Contractor failed or  
29 refused to perform, shall be paid by the Contractor. Payment will be deducted by the  
30 Engineer from monies due, or to become due, the Contractor. Such direct and indirect  
31 costs shall include in particular, but without limitation, compensation for additional  
32 professional services required, and costs for repair and replacement of work of others  
33 destroyed or damaged by correction, removal, or replacement of the Contractor's  
34 unauthorized work.

35  
36 No adjustment in contract time or compensation will be allowed because of the delay  
37 in the performance of the work attributable to the exercise of the Contracting Agency's  
38 rights provided by this Section.

39  
40 The rights exercised under the provisions of this section shall not diminish the  
41 Contracting Agency's right to pursue any other avenue for additional remedy or  
42 damages with respect to the Contractor's failure to perform the work as required.

43  
44 **1-05.11 Final Inspection**

## SPECIAL PROVISIONS



1  
2 REPLACE this Section with the following:

3  
4 **1-05.11 Final Inspections and Operational Testing**  
5 *(October 1, 2005 APWA GSP)*

6  
7 **1-05.11(1) Substantial Completion Date**

8  
9 When the Contractor considers the work to be substantially complete, the Contractor  
10 shall so notify the Engineer and request the Engineer establish the Substantial  
11 Completion Date. The Contractor's request shall list the specific items of work that  
12 remain to be completed in order to reach physical completion. The Engineer will  
13 schedule an inspection of the work with the Contractor to determine the status of  
14 completion. The Engineer may also establish the Substantial Completion Date  
15 unilaterally.

16  
17 If, after this inspection, the Engineer concurs with the Contractor that the work is  
18 substantially complete and ready for its intended use, the Engineer, by written notice  
19 to the Contractor, will set the Substantial Completion Date. If, after this inspection the  
20 Engineer does not consider the work substantially complete and ready for its intended  
21 use, the Engineer will, by written notice, so notify the Contractor giving the reasons  
22 therefore.

23  
24 Upon receipt of written notice concurring in or denying substantial completion,  
25 whichever is applicable, the Contractor shall pursue vigorously, diligently and without  
26 unauthorized interruption, the work necessary to reach Substantial and Physical  
27 Completion. The Contractor shall provide the Engineer with a revised schedule  
28 indicating when the Contractor expects to reach substantial and physical completion  
29 of the work.

30  
31 The above process shall be repeated until the Engineer establishes the Substantial  
32 Completion Date and the Contractor considers the work physically complete and  
33 ready for final inspection.

34  
35 **1-05.11(2) Final Inspection and Physical Completion Date**

36  
37 When the Contractor considers the work physically complete and ready for final  
38 inspection, the Contractor by written notice, shall request the Engineer to schedule a  
39 final inspection. The Engineer will set a date for final inspection. The Engineer and the  
40 Contractor will then make a final inspection and the Engineer will notify the  
41 Contractor in writing of all particulars in which the final inspection reveals the work  
42 incomplete or unacceptable. The Contractor shall immediately take such corrective  
43 measures as are necessary to remedy the listed deficiencies. Corrective work shall be  
44 pursued vigorously, diligently, and without interruption until physical completion of

## SPECIAL PROVISIONS



1 the listed deficiencies. This process will continue until the Engineer is satisfied the  
2 listed deficiencies have been corrected.

3  
4 The Contractor will not be allowed an extension of contract time because of a delay in  
5 the performance of the work attributable to the exercise of the Engineer's right  
6 hereunder.

7  
8 Upon correction of all deficiencies, the Engineer will notify the Contractor and the  
9 Contracting Agency, in writing, of the date upon which the work was considered  
10 physically complete. That date shall constitute the Physical Completion Date of the  
11 contract, but shall not imply acceptance of the work or that all the obligations of the  
12 Contractor under the contract have been fulfilled.

### 13 14 **1-05.11(3) Operational Testing**

15  
16 It is the intent of the Contracting Agency to have at the Physical Completion Date a  
17 complete and operable system. Therefore when the work involves the installation of  
18 machinery or other mechanical equipment; street lighting, electrical distribution or  
19 signal systems; irrigation systems; buildings; or other similar work it may be  
20 desirable for the Engineer to have the Contractor operate and test the work for a  
21 period of time after final inspection but prior to the physical completion date.

22 Whenever items of work are listed in the Contract Provisions for operational testing  
23 they shall be fully tested under operating conditions for the time period specified to  
24 ensure their acceptability prior to the Physical Completion Date. During and  
25 following the test period, the Contractor shall correct any items of workmanship,  
26 materials, or equipment which prove faulty, or that are not in first class operating  
27 condition. Equipment, electrical controls, meters, or other devices and equipment to  
28 be tested during this period shall be tested under the observation of the Engineer, so  
29 that the Engineer may determine their suitability for the purpose for which they  
30 were installed. The Physical Completion Date cannot be established until testing and  
31 corrections have been completed to the satisfaction of the Engineer.

32  
33 The costs for power, gas, labor, material, supplies, and everything else needed to  
34 successfully complete operational testing, shall be included in the unit contract  
35 prices related to the system being tested, unless specifically set forth otherwise in  
36 the proposal.

37  
38 Operational and test periods, when required by the Engineer, shall not affect a  
39 manufacturer's guaranties or warranties furnished under the terms of the contract.

### 40 41 **1-05.11(4) Punch List Completion**

42 *(April 2015 KENMORE GSP)*

43  
44 NEW Section:



## SPECIAL PROVISIONS



1  
2 Upon establishment of the Substantial Completion Date, the Contracting Agency shall  
3 compile and issue a punch list. The Owner reserves the right to add items to the punch  
4 list at any time as appropriate to meet the requirements of the plans and  
5 specifications. The Contractor shall proceed with completing all the work on the punch  
6 list (and subsequent revisions, if any) and reaching physical completion within the  
7 allowed contract time.

### 8 9 **1-05.12 Final Acceptance**

#### 10 11 **1-05.12(1) One-Year Guarantee Period** 12 *(March 8, 2013 APWA GSP)*

13  
14 NEW Section:

15  
16 The Contractor shall return to the project and repair or replace all defects in  
17 workmanship and material discovered within one year after Final Acceptance of the  
18 Work. The Contractor shall start work to remedy any such defects within 7 calendar  
19 days of receiving Contracting Agency's written notice of a defect and shall complete  
20 such work within the time stated in the Contracting Agency's notice. In case of an  
21 emergency, where damage may result from delay or where loss of services may result,  
22 such corrections may be made by the Contracting Agency's own forces or another  
23 contractor, in which case the cost of corrections shall be paid by the Contractor. In the  
24 event the Contractor does not accomplish corrections within the time specified, the  
25 work will be otherwise accomplished and the cost of same shall be paid by the  
26 Contractor.

27  
28 When corrections of defects are made, the Contractor shall then be responsible for  
29 correcting all defects in workmanship and materials in the corrected work for one  
30 year after acceptance of the corrections by Contracting Agency.

31  
32 This guarantee is supplemental to and does not limit or affect the requirements that  
33 the Contractor's work comply with the requirements of the Contract or any other legal  
34 rights or remedies of the Contracting Agency.

### 35 36 **1-05.13 Superintendents, Labor And Equipment Of Contractor** 37 *(August 14, 2013 APWA GSP)*

38  
39 DELETE the sixth and seventh paragraphs of this section.

### 40 41 **1-05.15 Method of Serving Notices** 42 *(March 25, 2009 APWA GSP)*

43  
44 REVISE the second paragraph to read:

## SPECIAL PROVISIONS



1  
2 All correspondence from the Contractor shall be directed to the Project Engineer. All  
3 correspondence from the Contractor constituting any notification, notice of protest,  
4 notice of dispute, or other correspondence constituting notification required to be  
5 furnished under the Contract, must be in paper format, hand delivered or sent via mail  
6 delivery service to the Project Engineer's office. Electronic copies such as e-mails or  
7 electronically delivered copies of correspondence will not constitute such notice and  
8 will not comply with the requirements of the Contract.

9  
10 **1-05.15(1) Forms**  
11 *(January 2022 KENMORE GSP)*

12  
13 NEW Section:

14  
15 Unless otherwise approved by the Engineer, the Contractor shall use the forms  
16 provided in the Appendices for all correspondences and notifications. If no form is  
17 provided for a specific type of correspondence or notification, the Contractor shall  
18 use any form at their discretion.

19  
20 **1-05.16 Water and Power**

21  
22 NEW Section:

23  
24 *(October 1, 2005 APWA GSP)*

25  
26 The Contractor shall make necessary arrangements and shall bear the costs for power  
27 and water necessary for the performance of the work, unless the contract includes  
28 power and water as a pay item.

29  
30 **1-05.19 Contractor's Daily Diary**  
31 *(April 2021 KENMORE GSP)*

32  
33 NEW Section:

34  
35 Contractor and subcontractors shall maintain and provide to Engineer upon request a  
36 Daily Diary Record of the Work (Diary). The Diary shall be created by pen entries in a  
37 hard-bound diary book or electronically and provided in .pdf format. The Diary must  
38 contain the project name and number; if the Diary is in loose-leaf form, this  
39 information must appear on every page. The Diary must be kept and maintained by  
40 Contractor's designated project superintendent(s). Entries must be made on a daily  
41 basis and must accurately represent all of the project activities on each day.

42  
43 At a minimum, the Diary shall show on a daily basis:

- 44 1. The day and date.

## SPECIAL PROVISIONS



- 1           2. The weather conditions, including changes throughout the day.
- 2           3. A complete description of work accomplished during the day with adequate
- 3           references to the Plans and Contract Provisions so that the reader can easily
- 4           and accurately identify said work on the Plans. Identify location/description
- 5           of photographs or videos taken that day.
- 6           4. An entry for each and every changed condition, dispute or potential dispute,
- 7           incident, accident, or occurrence of any nature whatsoever which might affect
- 8           Contractor, Owner, or any third party in any manner.
- 9           5. Listing of any materials received and stored on- or off-site by Contractor for
- 10          future installation, to include the manner of storage and protection of the same.
- 11          6. Listing of materials installed during each day.
- 12          7. List of all subcontractors working on-site during each day.
- 13          8. Listing of the number of Contractor's employees working during each day by
- 14          category of employment.
- 15          9. Listing of Contractor's equipment working on the site during each day. Idle
- 16          equipment on the site shall be listed and designated as idle.
- 17          10. Notations to explain inspections, testing, stake-out, and all other services
- 18          furnished by Owner or other party during each day.
- 19          11. Entries to verify the daily (including non-work days) inspection and mainte-
- 20          nance of traffic control devices and condition of the traveled roadway surfaces.
- 21          Contractor shall not allow any conditions to develop that would be hazardous
- 22          to the public.
- 23          12. Any other information that serves to give an accurate and complete record of
- 24          the nature, quantity, and quality of Contractor's progress on each day.
- 25          13. Plan markups showing locations and dimensions of constructed features to be
- 26          used by Engineer to produce record drawings.
- 27          14. All pages of the Diary must be numbered consecutively with no omissions in
- 28          page numbers, signed and dated by Contractor's official project representative.

29  
30 Contractor may use additional sheets separate from the Diary if necessary to provide  
31 a complete diary record, but they must be signed, dated, and labeled with project name  
32 and number.

33  
34 It is expressly agreed between Contractor and Owner that the Diary maintained by  
35 Contractor shall be the "Contractor's Book of Original Entry" for the documentation of  
36 any potential claims or disputes that might arise during this Contract. If the Contactor  
37 fails to maintain a Diary as required, the City's daily inspection reports shall act as the  
38 sole record of project activities.

39  
40 All costs associated with preparing and maintaining the Diary shall be included in the  
41 cost for the various bid items; no separate bid item is provided for this work.

42

## SPECIAL PROVISIONS



### 1-05.20 Stockpiling of Materials and Construction Office

*(August 2020 KENMORE GSP)*

NEW Section:

This Contract **does not** provide for a location for the Contractor to stockpile materials and/or a construction office (staging). If the Contractor requires staging on private property, it shall be the Contractor's responsibility to secure all private property rights for staging at the Contractor's expense. If approved by the City, City Right of Way may be utilized for location of staging. Contractor shall propose location, methods of securing the site, and site restoration to the City for consideration. Selected Right of Way locations shall not impede traffic at any time. The Contractor may utilize the construction work zone within the City's Right of Way for staging as long as such staging does not impede the normal flow of traffic outside that caused by construction activity associated with the work. At the completion of the project, the Contractor shall restore all staging areas to equal or better condition prior to construction start. The cost for obtaining, securing, managing, and restoring staging areas shall be incidental to the various bid items. At the completion of the project, the Contractor shall restore all staging areas to equal or better condition prior to construction start. The cost for obtaining, securing, managing, and restoring staging areas shall be incidental to the various bid items.

### 1-06 CONTROL OF MATERIAL

#### 1-06.1 Approval of Material Prior to Use

*(January 2022 KENMORE GSP)*

SUPPLEMENT this Section with the following:

Material product information and/or catalog cuts shall be furnished by Contractor for all items indicated in various sections of the Contract Documents. Contractor shall submit a Request for Approval of Material (RAM) for every item submitted (separate materials may be consolidated onto one RAM form for convenience). An pdf copy shall be submitted for Engineer's review. Alternatively, a minimum of 2 hard copies may be submitted in-lieu of an electronic copy if electronic copies are not possible.

Contractor shall provide a minimum of 10 working days to the Engineer for review of all submitted information.

Engineer will return submittals to Contractor with any comments noted thereon. If the Contractor makes any changes to the submittal, resubmittals shall be prepared and reviewed in the same manner as specified for the original submittals. Contractor, in the letter of transmittal accompanying resubmittal, shall direct specific attention to any revisions made.

## SPECIAL PROVISIONS



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One copy of all approved submittals shall be kept constantly accessible at the construction site.

### **1-06.1(5) Request for Approval of Material (RAM)** *(January 2022 KENMORE GSP)*

NEW Section:

The RAM shall be used for all material submittals. The RAM shall be prepared by the Contractor on the RAM form included in the Appendix of the Contract Provisions and submitted to the Engineer for approval before the material is incorporated into the work.

### **1-06.1(6) Materials and Equipment Furnished by Owner** *(April 2015 KENMORE GSP)*

NEW Section:

Contractor shall receive, inspect, and accept all Owner-furnished items of material and equipment, subject only to latent defects. Claim by Contractor to Owner regarding defects shall be made in writing within 5 days after delivery of items after which time, the materials and equipment shall become the property of the Contractor until final acceptance from the City.

### **1-06.2 Acceptance of Materials**

#### **1-06.2(1) Samples and Tests for Acceptance** *(January 2022 KENMORE GSP)*

SUPPLEMENT this section with the following:

Color samples required by the Contract shall be provided on like materials as to which the color is being applied as part of the Work. Color samples shall match as closely as possible to the final work product.

#### **1-06.6 Recycled Materials** *(January 4, 2016 APWA GSP)*

REPLACE this section and its subsections 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.

## SPECIAL PROVISIONS



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

8  
9 Payment for reporting shall be included in and paid for under the various bid items.

10  
11 *(January 2022, Kenmore GSP)*

12  
13 Recycled concrete shall not be used.

### 14 **1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

#### 15 **1-07.1 Laws to be Observed**

16 *(October 1, 2005 APWA GSP)*

17  
18 SUPPLEMENT this Section with the following:

19  
20  
21 In cases of conflict between different safety regulations, the more stringent regulation  
22 shall apply.

23  
24 The Washington State Department of Labor and Industries shall be the sole and  
25 paramount administrative agency responsible for the administration of the provisions  
26 of the Washington Industrial Safety and Health Act of 1973 (WISHA).

27  
28 The Contractor shall maintain at the project site office, or other well known place at  
29 the project site, all articles necessary for providing first aid to the injured. The  
30 Contractor shall establish, publish, and make known to all employees, procedures for  
31 ensuring immediate removal to a hospital, or doctor's care, persons, including  
32 employees, who may have been injured on the project site. Employees should not be  
33 permitted to work on the project site before the Contractor has established and made  
34 known procedures for removal of injured persons to a hospital or a doctor's care.

35  
36 The Contractor shall have sole responsibility for the safety, efficiency, and adequacy  
37 of the Contractor's plant, appliances, and methods, and for any damage or injury  
38 resulting from their failure, or improper maintenance, use, or operation. The  
39 Contractor shall be solely and completely responsible for the conditions of the project  
40 site, including safety for all persons and property in the performance of the work. This  
41 requirement shall apply continuously, and not be limited to normal working hours.  
42 The required or implied duty of the Engineer to conduct construction review of the

## SPECIAL PROVISIONS



1 Contractor's performance does not, and shall not, be intended to include review and  
2 adequacy of the Contractor's safety measures in, on, or near the project site.

3  
4 **1-07.2 State Taxes**  
5 *(June 27, 2011 APWA GSP)*

6  
7 REPLACE this section, including its sub-sections, with the following:

8  
9 **1-07.2 State Sales Tax**

10  
11 The Washington State Department of Revenue has issued special rules on the State  
12 sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The  
13 Contractor should contact the Washington State Department of Revenue for answers  
14 to questions in this area. The Contracting Agency will not adjust its payment if the  
15 Contractor bases a bid on a misunderstood tax liability.

16  
17 The Contractor shall include all Contractor-paid taxes in the unit bid prices or other  
18 contract amounts. In some cases, however, state retail sales tax will not be included.  
19 Section 1-07.2(2) describes this exception.

20  
21 The Contracting Agency will pay the retained percentage (or release the Contract  
22 Bond if a FHWA-funded Project) only if the Contractor has obtained from the  
23 Washington State Department of Revenue a certificate showing that all contract-  
24 related taxes have been paid (RCW 60.28.051). The Contracting Agency may deduct  
25 from its payments to the Contractor any amount the Contractor may owe the  
26 Washington State Department of Revenue, whether the amount owed relates to this  
27 contract or not. Any amount so deducted will be paid into the proper State fund.

28  
29 **1-07.2(1) State Sales Tax — Rule 171**

30  
31 WAC 458-20-171, and its related rules, apply to building, repairing, or improving  
32 streets, roads, etc., which are owned by a municipal corporation, or political  
33 subdivision of the state, or by the United States, and which are used primarily for foot  
34 or vehicular traffic. This includes storm or combined sewer systems within and  
35 included as a part of the street or road drainage system and power lines when such  
36 are part of the roadway lighting system. For work performed in such cases, the  
37 Contractor shall include Washington State Retail Sales Taxes in the various unit bid  
38 item prices, or other contract amounts, including those that the Contractor pays on the  
39 purchase of the materials, equipment, or supplies used or consumed in doing the work.

40  
41 **1-07.2(2) State Sales Tax — Rule 170**

42  
43 WAC 458-20-170, and its related rules, apply to the constructing and repairing of new  
44 or existing buildings, or other structures, upon real property. This includes, but is not

## SPECIAL PROVISIONS



1 limited to, the construction of streets, roads, highways, etc., owned by the state of  
2 Washington; water mains and their appurtenances; sanitary sewers and sewage  
3 disposal systems unless such sewers and disposal systems are within, and a part of, a  
4 street or road drainage system; telephone, telegraph, electrical power distribution  
5 lines, or other conduits or lines in or above streets or roads, unless such power lines  
6 become a part of a street or road lighting system; and installing or attaching of any  
7 article of tangible personal property in or to real property, whether or not such  
8 personal property becomes a part of the realty by virtue of installation.

9  
10 For work performed in such cases, the Contractor shall collect from the Contracting  
11 Agency, retail sales tax on the full contract price. The Contracting Agency will  
12 automatically add this sales tax to each payment to the Contractor. For this reason,  
13 the Contractor shall not include the retail sales tax in the unit bid item prices, or in any  
14 other contract amount subject to Rule 170, with the following exception.

15  
16 Exception: The Contracting Agency will not add in sales tax for a payment the  
17 Contractor or a subcontractor makes on the purchase or rental of tools, machinery,  
18 equipment, or consumable supplies not integrated into the project. Such sales taxes  
19 shall be included in the unit bid item prices or in any other contract amount.

### 20 21 **1-07.2(3) Services**

22  
23 The Contractor shall not collect retail sales tax from the Contracting Agency on any  
24 contract wholly for professional or other services (as defined in Washington State  
25 Department of Revenue Rules 138 and 244).

### 26 27 **1-07.3 Fire Prevention and Merchantable Timer Requirements**

#### 28 29 **1-07.3(3) Measurement and Payment** 30 *(April 2023 Kenmore GSP)*

31  
32 All costs associated with the preparation and implementation of the FPCC Plan shall  
33 be incidental to the bid and included in the various bid items; no specific bid item is  
34 provided.

### 35 36 **1-07.9 Wages**

#### 37 38 **1-07.9(5) Required Documents** 39 *(January 3, 2020 APWA GSP)*

40  
41 REPLACE this section with the following:

### 42 43 **General**



## SPECIAL PROVISIONS



1 All "Statements of Intent to Pay Prevailing Wages", "Affidavits of Wages Paid" and  
2 Certified Payrolls, including a signed Statement of Compliance for Federal-aid  
3 projects, shall be submitted to the Engineer and the State L&I online Prevailing Wage  
4 Intent & Affidavit (PWIA) system.

### 5 6 **Intent and Affidavits**

7 On forms provided by the Industrial Statistician of State L&I, the Contractor shall  
8 submit to the Engineer the following for themselves and for each firm covered under  
9 RCW 39.12 that will or has provided Work and materials for the Contract:

- 10  
11 1. The approved "Statement of Intent to Pay Prevailing Wages" State L&I's form  
12 number F700-029-000. The Contracting Agency will make no payment under  
13 this Contract until this statement has been approved by State L&I and  
14 reviewed by the Engineer.  
15  
16 2. The approved "Affidavit of Prevailing Wages Paid", State L&I's form number  
17 F700-007-000. The Contracting Agency will not grant Completion until all  
18 approved Affidavit of Wages paid for the Contractor and all Subcontractors  
19 have been received by the Engineer. The Contracting Agency will not release  
20 to the Contractor any funds retained under RCW 60.28.011 until "Affidavit of  
21 Prevailing Wages Paid" forms have been approved by State L&I and all of the  
22 approved forms have been submitted to the Engineer for every firm that  
23 worked on the Contract.

24  
25 The Contractor is responsible for requesting these forms from State L&I and for paying  
26 any fees required by State L&I.

### 27 28 **Certified Payrolls**

29 Certified payrolls are required to be submitted by the Contractor for themselves, all  
30 Subcontractors and all lower tier subcontractors. The payrolls shall be submitted  
31 weekly on all Federal-aid projects and no less than monthly on State funded projects.  
32

### 33 **Penalties for Noncompliance**

34 The Contractor is advised, if these payrolls are not supplied within the prescribed  
35 deadlines, any or all payments may be withheld until compliance is achieved. In  
36 addition, failure to provide these payrolls may result in other sanctions as provided  
37 by State laws (RCW 39.12.050) and/or Federal regulations (29 CFR 5.12).  
38

39 *(August 2020 Kenmore GSP)*

40  
41 SUPPLEMENT this section with the following:

42  
43 Certified Payrolls shall be submitted on U.S. Department of Labor form WH-347.  
44 Forms may be located at the US Dept. of Labor :

## SPECIAL PROVISIONS



1 <https://www.dol.gov/agencies/whd/forms/wh347>. Certified Payrolls  
2 submitted on other forms will not be accepted and returned to the Contractor for  
3 resubmittal.  
4

### 5 **1-07.13 Contractor's Responsibility for Work**

#### 6 **1-07.13(1) General** 7 8 *(April 2015 KENMORE GSP)* 9

10 SUPPLEMENT this Section with the following:  
11

12 Contractor shall, at all times, enforce strict discipline and good order among their  
13 employees and shall not employ any person unfit or not skilled in the work assigned  
14 to him or her. Employees or subcontractors of Contractor who, in the opinion of  
15 Engineer, may impair the quality of the construction shall immediately be discharged  
16 from the job site by Contractor upon the written request of Engineer.  
17

### 18 **1-07.16 Protection and Restoration of Property**

#### 19 20 **1-07.16(1) Private/Public Property** 21 *(January 2022 KENMORE GSP)* 22

23 SUPPLEMENT this Section with the following:  
24

25 Contractor's work shall be confined to Owner's premises, including easements, rights  
26 of entry and construction permit limits. The Contractor shall not enter upon or place  
27 materials on other property except by written consent of the individual owners and  
28 shall hold Owner harmless from all suits and actions of every kind and description that  
29 might result from the Contractor's use of property. The Contractor shall furnish, to  
30 the Owner, the written consent from the property owner(s) to use the property and a  
31 written release from the property owner(s) upon vacation of said property.  
32

33 Contractor shall provide and maintain access to and from the Right of Way.  
34

35 Contractor shall comply with all conditions of the project easements. Easement  
36 documents are located in the Appendices. Contractor shall indemnify Owner from  
37 claims on all easements and rights of entry. All other access rights outside the limits  
38 identified on the plans, will be the Contractor's responsibility to negotiate and obtain  
39 at the Contractor's expense.  
40

41 Once work is completed within temporary easements, Contractor shall notify City in  
42 writing. Failure to do so may result in monetary penalties against the City. Any  
43 penalties charged against the City due to the Contractor's failure to comply with these

## SPECIAL PROVISIONS



1 specifications and easement requirements shall be charged against the Contractor's  
2 future payments.

3  
4 Contractor shall restore all property within the temporary easements or rights of  
5 entry to its original condition or as indicated in the plans and specifications.

### 6 7 **1-07.16(1)A Protection and Restoration of Existing Markers and Monuments** 8 *(January 2022 KENMORE GSP)*

#### 9 10 NEW Section:

11  
12 The Contractor shall protect existing survey monuments and property corner markers  
13 from damage. Any damage to existing survey markers/monuments shall be restored  
14 as required by law at the Contractor's expense.

15  
16 The Contractor shall reference by survey ties any survey marker and/or monument  
17 identified in the Contract to be replaced.

18  
19 Survey markers and/or monuments shall be replaced by a Professional Land Surveyor  
20 registered in the State of Washington

21  
22 Contractor shall notify the City of any conflicts between the work and property corner  
23 markers not identified for removal or resetting prior to commencing the work.  
24 Resetting of property corners for which there is no Record of Survey or Short Plat filed  
25 with the County Auditor may require exhaustive and expensive resurvey.

26  
27 All cost associated with survey markers and monuments shall be included in the bid  
28 item "Construction Surveying".

### 29 30 **1-07.16(1)B Maintenance of Project Site and Public Facilities** 31 *(April 2015 KENMORE GSP)*

#### 32 33 NEW Section:

34  
35 Contractor shall clean up on a daily basis all refuse, rubbish, scrap material and debris  
36 caused by the Contractor's operations.

37  
38 Contractor shall clean and sweep streets, sidewalks, and any pedestrian walkways  
39 affected by construction operations at the end of each working day, and throughout  
40 the working day as deemed necessary by Engineer to provide for safe public use.

41  
42 The Contractor shall maintain the project site in a manner that is safe for public use,  
43 neat and orderly in appearance. In the event Contractor fails to conform to these

## SPECIAL PROVISIONS



1 requirements, Owner shall have the right to have the work done by others and the cost  
2 shall be deducted from moneys due to Contractor.

### 3 4 **1-07.16(1)C Garbage Service**

5 *(April 2015 KENMORE GSP)*

6  
7 NEW Section:

8  
9 The Contractor shall be responsible for and coordinating with the respective agency  
10 for garbage pick-up. Services shall not be interrupted. If necessary, Contractor shall  
11 be responsible for moving private garbage cans to and from any temporary pick up  
12 location. Below is contact information for garbage service:

13  

Republic Services Web: <a href="http://www.republicservices.com/">http://www.republicservices.com/</a> Tele: 425-646-2492
---

### 14 15 **1-07.16(1)D On-Street Parking**

16 *(April 2015 KENMORE GSP)*

17  
18 NEW Section:

19  
20 The project currently has on-street parking located within the project limits and/or  
21 staging areas. Contractor shall be responsible for managing the on-street parking.  
22 Contractor shall provide and place “No Parking-Vehicles will be Towed” signs when  
23 necessary and at least 48-hours prior to the restriction. Contractor shall be  
24 responsible for towing any vehicle and any cost associated with such service.

### 25 26 **1-07.16(2) Vegetation Protection and Restoration**

27 *(August 2, 2010 WSDOT GSP)*

28  
29 SUPPLEMENT this Section with the following:

30  
31 Vegetation and soil protection zones for trees shall extend out from the trunk to a  
32 distance of 1 foot radius for each inch of trunk diameter at breast height.

33  
34 Vegetation and soil protection zones for shrubs shall extend out from the stems at  
35 ground level to twice the radius of the shrub.

36  
37 Vegetation and soil protection zones for herbaceous vegetation shall extend to  
38 encompass the diameter of the plant as measured from the outer edge of the plant.

### 39 40 **1-07.16(3) Fences, Mailboxes, Incidentals**

41 *(January 2022 KENMORE GSP)*

## SPECIAL PROVISIONS



1  
2 SUPPLEMENT this Section with the following:

3  
4 The Contractor is hereby advised that the location of fences, mail and paper boxes,  
5 trees, landscaping and other objects, if shown on the Plans, is provided solely to  
6 provide warning of the probable location of said objects and may not be precise or  
7 complete. Protection and restoration shall be performed in accordance with the plans  
8 and Section 1-07.16 of the Standard Specifications. The Contractor shall verify exact  
9 locations before proceeding with work. The Contractor shall be responsible for any  
10 damage done to public or private property as a direct result of the Contractor's  
11 activities.

12  
13 The Contractor shall be responsible for and coordinating with the respective agency  
14 for mail and package delivery. Services shall not be interrupted. Contractor shall  
15 coordinate any temporary mailbox or other delivery locations with the United States  
16 Postal Service (USPS) and other applicable delivery agency prior to relocation. Unless  
17 stated otherwise elsewhere, the cost for coordinating with delivery services and/or  
18 moving mailboxes shall be included in the various bid items. Contact the USPS office  
19 in Bothell, WA for coordination.

20  
21  
22 **1-07.17 Utilities and Similar Facilities**  
23 *(April 2, 2007 WSDOT GSP - OPT 2)*

24  
25 SUPPLEMENT this section with the following:

26  
27 Locations and dimensions shown in the Plans for existing facilities are in accordance  
28 with available information obtained without uncovering, measuring, or other  
29 verification.

30  
31 Public and private utilities, or their Contractors, will furnish all work necessary to  
32 adjust, relocate, replace, or construct their facilities unless otherwise provided for in  
33 the Plans or these Special Provisions. Such adjustment, relocation, replacement, or  
34 construction will be done during the prosecution of the work for this project. It is  
35 anticipated that utility adjustment, relocation, replacement or construction within  
36 the project limits will be completed as follows:

37  
38 Northshore Utility District will be adjusting water valves to grade during  
39 construction.

40  
41 MCI will adjust manhole lids to grade during construction.  
42

## SPECIAL PROVISIONS



1 The Contractor shall attend a mandatory utility preconstruction meeting with the  
2 Engineer, all affected Subcontractors, and all utility owners and their Contractors  
3 prior to beginning onsite work.  
4

5 The following addresses and telephone numbers of utility companies or their  
6 Contractors that will be adjusting, relocating, replacing or constructing utilities  
7 within the project limits are supplied for the Contractor's use:  
8

9 Northshore Utility District  
10 George Matote  
11 425-398-4400  
12 gmatote@nud.net  
13

14  
15 MCI  
16 Scott Christenson  
17 425-471-1079  
18

19 Ziply  
20 Nich Nicholson  
21 208-225-9764  
22

23 Puget Sound Energy  
24 Kris Leach, 425-429-5967  
25 Jeanne Coleman, 425-463-6550  
26

27 **1-07.18 Public Liability and Property Damage Insurance**  
28 *(January 4, 2016 APWA GSP)*  
29

30 REPLACE this Section with the following:  
31

32 **1-07.18 Insurance**  
33

34 **1-07.18(1) General Requirements**  
35

36 A. The Contractor shall procure and maintain the insurance described in all  
37 subsections of section 1-07.18 of these Special Provisions, from insurers with a  
38 current A. M. Best rating of not less than A-: VII and licensed to do business in the  
39 State of Washington. The Contracting Agency reserves the right to approve or  
40 reject the insurance provided, based on the insurer's financial condition.  
41

42 B. The Contractor shall keep this insurance in force without interruption from the  
43 commencement of the Contractor's Work through the term of the contract and for

## SPECIAL PROVISIONS



1 thirty (30) days after the Physical Completion date, unless otherwise indicated  
2 below.

- 3  
4 C. If any insurance policy is written on a claims made form, its retroactive date, and  
5 that of all subsequent renewals, shall be no later than the effective date of this  
6 Contract. The policy shall state that coverage is claims made, and state the  
7 retroactive date. Claims-made form coverage shall be maintained by the  
8 Contractor for a minimum of 36 months following the Completion Date or earlier  
9 termination of this Contract, and the Contractor shall annually provide the  
10 Contracting Agency with proof of renewal. If renewal of the claims made form of  
11 coverage becomes unavailable, or economically prohibitive, the Contractor shall  
12 purchase an extended reporting period (“tail”) or execute another form of  
13 guarantee acceptable to the Contracting Agency to assure financial responsibility  
14 for liability for services performed.  
15
- 16 D. The Contractor’s Automobile Liability, Commercial General Liability and Excess or  
17 Umbrella Liability insurance policies shall be primary and non-contributory  
18 insurance as respects the Contracting Agency’s insurance, self-insurance, or self-  
19 insured pool coverage. Any insurance, self-insurance, or self-insured pool  
20 coverage maintained by the Contracting Agency shall be excess of the Contractor’s  
21 insurance and shall not contribute with it.  
22
- 23 F. The Contractor shall provide the Contracting Agency and all Additional Insureds  
24 with written notice of any policy cancellation, within two business days of their  
25 receipt of such notice.  
26
- 27 H. The Contractor shall not begin work under the contract until the required  
28 insurance has been obtained and approved by the Contracting Agency.  
29
- 30 I. Failure on the part of the Contractor to maintain the insurance as required shall  
31 constitute a material breach of contract, upon which the Contracting Agency may,  
32 after giving five business days’ notice to the Contractor to correct the breach,  
33 immediately terminate the contract or, at its discretion, procure or renew such  
34 insurance and pay any and all premiums in connection therewith, with any sums  
35 so expended to be repaid to the Contracting Agency on demand, or at the sole  
36 discretion of the Contracting Agency, offset against funds due the Contractor from  
37 the Contracting Agency.  
38
- 39 J. All costs for insurance shall be incidental to and included in the unit or lump sum  
40 prices of the contract and no additional payment will be made.  
41

42 **1-07.18(2) Additional Insured**  
43

## SPECIAL PROVISIONS



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

- 5     ▪ the Contracting Agency and its officers, elected officials, employees, agents, and  
6     volunteers
- 7     ▪ **KPFF Consulting Engineers**

8 The above-listed entities shall be additional insured(s) for the full available limits of  
9 liability maintained by the Contractor, irrespective of whether such limits maintained  
10 by the Contractor are greater than those required by this Contract, and irrespective of  
11 whether the Certificate of Insurance provided by the Contractor pursuant to 1-  
12 07.18(4) describes limits lower than those maintained by the Contractor.

13  
14 For Commercial General Liability insurance coverage, the required additional insured  
15 endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing  
16 operations and CG 20 37 10 01 for completed operations.

### 18 **1-07.18(3) Subcontractors**

19  
20 The Contractor shall cause each Subcontractor of every tier to provide insurance  
21 coverage that complies with all applicable requirements of the Contractor-provided  
22 insurance as set forth herein, except the Contractor shall have sole responsibility for  
23 determining the limits of coverage required to be obtained by Subcontractors.

24  
25 The Contractor shall ensure that all Subcontractors of every tier add all entities listed  
26 in 1-07.18(2) as additional insureds, and provide proof of such on the policies as  
27 required by that section as detailed in 1-07.18(2) using an endorsement as least as  
28 broad as ISO CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed  
29 operations.

30  
31 Upon request by the Contracting Agency, the Contractor shall forward to the  
32 Contracting Agency evidence of insurance and copies of the additional insured  
33 endorsements of each Subcontractor of every tier as required in 1-07.18(4)  
34 Verification of Coverage.

### 36 **1-07.18(4) Verification of Coverage**

37  
38 The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance  
39 and endorsements for each policy of insurance meeting the requirements set forth  
40 herein when the Contractor delivers the signed Contract for the work. Failure of  
41 Contracting Agency to demand such verification of coverage with these insurance  
42 requirements or failure of the Contracting Agency to identify a deficiency from the



## SPECIAL PROVISIONS



1 insurance documentation provided shall not be construed as a waiver of Contractor's  
2 obligation to maintain such insurance.

3  
4 Verification of coverage shall include:

- 5 1. An ACORD certificate or a form determined by the Contracting Agency to be  
6 equivalent.
- 7 2. Copies of all endorsements naming Contracting Agency and all other entities listed  
8 in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor  
9 may submit a copy of any blanket additional insured clause from its policies  
10 instead of a separate endorsement.
- 11 3. Any other amendatory endorsements to show the coverage required herein.
- 12 4. A notation of coverage enhancements on the Certificate of Insurance shall not  
13 satisfy these requirements – actual endorsements must be submitted.

14  
15 Upon request by the Contracting Agency, the Contractor shall forward to the  
16 Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk  
17 insurance is required on this Project, a full and certified copy of that policy is required  
18 when the Contractor delivers the signed Contract for the work.

### 19 20 **1-07.18(5) Coverages and Limits**

21  
22 The insurance shall provide the minimum coverages and limits set forth below.  
23 Contractor's maintenance of insurance, its scope of coverage, and limits as required  
24 herein shall not be construed to limit the liability of the Contractor to the coverage  
25 provided by such insurance, or otherwise limit the Contracting Agency's recourse to  
26 any remedy available at law or in equity.

27  
28 All deductibles and self-insured retentions must be disclosed and are subject to  
29 approval by the Contracting Agency. The cost of any claim payments falling within the  
30 deductible or self-insured retention shall be the responsibility of the Contractor. In  
31 the event an additional insured incurs a liability subject to any policy's deductibles or  
32 self-insured retention, said deductibles or self-insured retention shall be the  
33 responsibility of the Contractor.

### 34 35 **1-07.18(5)A Commercial General Liability**

36  
37 Commercial General Liability insurance shall be written on coverage forms at least as  
38 broad as ISO occurrence form CG 00 01, including but not limited to liability arising  
39 from premises, operations, stop gap liability, independent contractors, products-  
40 completed operations, personal and advertising injury, and liability assumed under an  
41 insured contract. There shall be no exclusion for liability arising from explosion,  
42 collapse or underground property damage.

## SPECIAL PROVISIONS



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

3  
4 Contractor shall maintain Commercial General Liability Insurance arising out of the  
5 Contractor's completed operations for at least three years following Substantial  
6 Completion of the Work.

7  
8 Such policy must provide the following minimum limits:

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

9  
10 **1-07.18(5)B Automobile Liability**

11  
12 Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and  
13 shall be written on a coverage form at least as broad as ISO form CA 00 01. If the work  
14 involves the transport of pollutants, the automobile liability policy shall include MCS  
15 90 and CA 99 48 endorsements.

16  
17 Such policy must provide the following minimum limit:

18 \$1,000,000 Combined single limit each accident

19  
20 **1-07.18(5)C Workers' Compensation**

21  
22 The Contractor shall comply with Workers' Compensation coverage as required by the  
23 Industrial Insurance laws of the state of Washington.

24  
25 **1-07.22 Use of Explosives**

26 *(January 2022 Kenmore GSP)*

27  
28 SUPPLEMENT this section with the following:

29  
30 Explosives shall not be used unless otherwise noted on the plans.

31  
32 **1-07.23 Public Convenience and Safety**

33  
34 **1-07.23(1) Construction Under Traffic**

35 *(January 5, 2015 WSDOT GSP - OPT 5)*

36  
37 Lane closures are subject to the following restrictions:

## SPECIAL PROVISIONS



1        **9am – 3pm Monday through Friday**

2  
3        If the Engineer determines the permitted closure hours adversely affect traffic, the  
4        Engineer may adjust the hours accordingly. The Engineer will notify the Contractor in  
5        writing of any change in the closure hours.

6  
7        Lane closures are not allowed on any of the following:

- 8  
9            1. A holiday,
- 10  
11            2. A holiday weekend; holidays that occur on Friday, Saturday, Sunday or  
12            Monday are considered a holiday weekend. A holiday weekend includes  
13            Saturday, Sunday, and the holiday.
- 14  
15            3. After **2 PM** on the day prior to a holiday or holiday weekend, and  
16  
17            4. Before **9am** on the day after the holiday or holiday weekend.

18  
19        *(May 2, 2017 APWA GSP)*

20  
21        REVISE the third sentence of the second paragraph to read:

22  
23            Accessibility to existing or temporary pedestrian push buttons shall not be impaired;  
24            if approved by the Contracting Agency activating pedestrian recall timing or other  
25            accommodation may be allowed during construction.

26  
27        **1-07.24        Rights of Way**  
28        *(July 23, 2015 APWA GSP)*

29  
30        REPLACE this Section with the following:

31  
32            Street right of way lines, limits of easements, and limits of construction permits are  
33            indicated in the Plans. The Contractor's construction activities shall be confined  
34            within these limits, unless arrangements for use of private property are made.

35  
36            Generally, the Contracting Agency will have obtained, prior to bid opening, all rights  
37            of way and easements, both permanent and temporary, necessary for carrying out the  
38            work. Exceptions to this are noted in the Bid Documents or will be brought to the  
39            Contractor's attention by a duly issued Addendum.

40  
41            Whenever any of the work is accomplished on or through property other than public  
42            right of way, the Contractor shall meet and fulfill all covenants and stipulations of any  
43            easement agreement obtained by the Contracting Agency from the owner of the  
44            private property. Copies of the easement agreements may be included in the Contract

## SPECIAL PROVISIONS



1 Provisions or made available to the Contractor as soon as practical after they have  
2 been obtained by the Engineer.

3  
4 Whenever easements or rights of entry have not been acquired prior to advertising,  
5 these areas are so noted in the Plans. The Contractor shall not proceed with any  
6 portion of the work in areas where right of way, easements or rights of entry have not  
7 been acquired until the Engineer certifies to the Contractor that the right of way or  
8 easement is available or that the right of entry has been received. If the Contractor is  
9 delayed due to acts of omission on the part of the Contracting Agency in obtaining  
10 easements, rights of entry or right of way, the Contractor will be entitled to an  
11 extension of time. The Contractor agrees that such delay shall not be a breach of  
12 contract.

13  
14 Each property owner shall be given 48-hour notice prior to entry by the Contractor.  
15 This includes entry onto easements and private property where private  
16 improvements must be adjusted.

17  
18 The Contractor shall be responsible for providing, without expense or liability to the  
19 Contracting Agency, any additional land and access thereto that the Contractor may  
20 desire for temporary construction facilities, storage of materials, or other Contractor  
21 needs. However, before using any private property, whether adjoining the work or  
22 not, the Contractor shall file with the Engineer a written permission of the private  
23 property owner, and, upon vacating the premises, a written release from the property  
24 owner of each property disturbed or otherwise interfered with by reasons of  
25 construction pursued under this contract. The statement shall be signed by the private  
26 property owner, or proper authority acting for the owner of the private property  
27 affected, stating that permission has been granted to use the property and all  
28 necessary permits have been obtained or, in the case of a release, that the restoration  
29 of the property has been satisfactorily accomplished. The statement shall include the  
30 parcel number, address, and date of signature. Written releases must be filed with the  
31 Engineer before the Completion Date will be established.

### 32 **1-08 PROSECUTION AND PROGRESS**

33  
34 NEW Section:

#### 35 36 **1-08.0 Preliminary Matters**

##### 37 38 **1-08.0(1) Preconstruction Conference** 39 *(October 10, 2008 APWA GSP)* 40

41 Prior to the Contractor beginning the work, a preconstruction conference will be  
42 held between the Contractor, the Engineer and such other interested parties as  
43 may be invited. The preconstruction meeting shall be attended, at a minimum, by

## SPECIAL PROVISIONS



1 the site superintendent assigned to the project. The purpose of the  
2 preconstruction conference will be:

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

11  
12 The Contractor shall prepare and submit at the preconstruction conference the  
13 following:

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

### 18 **1-08.0(2) Hours of Work**

19 *(December 8, 2014 APWA GSP)*

20  
21 Except in the case of emergency or unless otherwise approved by the Engineer, the  
22 normal working hours for the Contract shall be any consecutive 8-hour period  
23 between 7:00 a.m. and 6:00 p.m. Monday through Friday, exclusive of a lunch break.  
24 If the Contractor desires different than the normal working hours stated above, the  
25 request must be submitted in writing prior to the preconstruction conference,  
26 subject to the provisions below. The working hours for the Contract shall be  
27 established at or prior to the preconstruction conference.

28  
29 All working hours and days are also subject to local permit and ordinance  
30 conditions (such as noise ordinances).

31  
32 If the Contractor wishes to deviate from the established working hours, the  
33 Contractor shall submit a written request to the Engineer for consideration. This  
34 request shall state what hours are being requested, and why. Requests shall be  
35 submitted for review no later than **5 days** prior to the day(s) the Contractor is  
36 requesting to change the hours.

37  
38 If the Contracting Agency approves such a deviation, such approval may be subject  
39 to certain other conditions, which will be detailed in writing. For example:

- 40 1. On non-Federal aid projects, requiring the Contractor to reimburse the  
41 Contracting Agency for the costs in excess of straight-time costs for Contracting  
42 Agency representatives who worked during such times. (The Engineer may  
43 require designated representatives to be present during the work.  
44 Representatives who may be deemed necessary by the Engineer include, but

## SPECIAL PROVISIONS



1 are not limited to: survey crews; personnel from the Contracting Agency's  
2 material testing lab; inspectors; and other Contracting Agency employees or  
3 third party consultants when, in the opinion of the Engineer, such work  
4 necessitates their presence.)

- 5 2. Considering the work performed on Saturdays, Sundays, and holidays as  
6 working days with regard to the contract time.
- 7 3. Considering multiple work shifts as multiple working days with respect to  
8 contract time even though the multiple shifts occur in a single 24-hour period.
- 9 4. If a 4-10 work schedule is requested and approved the non working day for the  
10 week will be charged as a working day.
- 11 5. If Davis Bacon wage rates apply to this Contract, all requirements must be met  
12 and recorded properly on certified payroll.

### 13 **1-08.0(3) Reimbursement for Overtime Work of Contracting Agency Employees** 14 *(July 2016 KENMORE GSP)*

15  
16  
17 Where the Contractor elects to work on a Saturday, Sunday, or holiday, or longer  
18 than an 8-hour work shift on a regular working day, as defined in the Standard  
19 Specifications, such work shall be considered as overtime work. On all such  
20 overtime work an inspector may be present and a survey crew may be required at  
21 the discretion of the Engineer. In such case, the Contracting Agency may deduct from  
22 amounts due or to become due to the Contractor for the costs in excess of the  
23 straight-time costs for employees of the Contracting Agency required to work  
24 overtime hours.

25  
26 The Contractor by these specifications does hereby authorize the Engineer to deduct  
27 such costs from the amount due or to become due to the Contractor. The Contracting  
28 Agency will give notice to the Contractor of such deductions at the time of approval,  
29 if given.

### 30 **1-08.0(4) Preconstruction Submittals** 31 *(August 2020 KENMORE GSP)*

32  
33  
34 Prior to the Contractor beginning the work, the Contractor shall submit the following  
35 information to the City:

- 36  
37
- 38 • Detailed Equipment List, including "Rental Rate Blue Book" hourly costs  
39 (both working and standby rates). The following shall be included within  
40 the list:
    - 41 • Equipment type
    - 42 • Manufacturer
    - 43 • Year manufactured
    - Gas or diesel
    - Model or capacity
    - Horsepower
    - Attachments
    - Owner

## SPECIAL PROVISIONS



- 1 • Weighted wage rates for all employee classifications anticipated to be used
- 2 on Project
- 3 • Request to Subcontract Work forms (or, if applicable, during construction,
- 4 3 working days prior to subcontractor work starting)
- 5 • Temporary Erosion and Sediment Control Plan – Letter of adoption or plan
- 6 • Surface Water Pollution Prevention Plan (SWPPP) – Letter of adoption or
- 7 plan
- 8 • Spill Prevention, Control, and, Countermeasure (SPCC) Plan
- 9 • Fire Prevention Control and Countermeasures (FPCC) Plan

10  
11 *(May 30, 2019 APWA GSP, Option B)*

12  
13 SUPPLEMENT this Section with the following:

14  
15 Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor  
16 shall submit to the Engineer a certification (WSDOT Form 420-004) that a written  
17 agreement between the Contractor and the subcontractor or between the  
18 subcontractor and any lower tier subcontractor has been executed. This certification  
19 shall also guarantee that these subcontract agreements include all the documents  
20 required by the Special Provision Federal Agency Inspection.

21  
22 A Subcontractor or lower tier Subcontractor will not be permitted to perform any  
23 work under the contract until the following documents have been completed and  
24 submitted to the Engineer:

- 25
- 26 1. Request to Sublet Work (WSDOT Form 421-012), and
- 27 2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for
- 28 Federal-aid Projects (WSDOT Form 420-004).
- 29

30 REVISE The ninth paragraph, beginning with “On all projects, ...” to read:

31  
32 The Contractor shall certify to the actual amount received from the Contracting  
33 Agency and amounts paid to all firms that were used as Subcontractors, lower tier  
34 subcontractors, manufacturers, regular dealers, or service providers on the Contract.  
35 This includes all Disadvantaged, Minority, Small, Veteran or Women’s Business  
36 Enterprise firms. This Certification shall be submitted to the Engineer on a monthly  
37 basis each month between Execution of the Contract and Physical Completion of the  
38 Contract using the application available at: <https://wsdot.diversitycompliance.com>. A  
39 monthly report shall be submitted for every month between Execution of the Contract  
40 and Physical Completion regardless of whether payments were made or work  
41 occurred.

### 42 43 **1-08.3 Progress Schedule**

44

## SPECIAL PROVISIONS



1 **1-08.3(2) Progress Schedule Types**

2  
3 **1-08.3(2)B Type B Progress Schedule**  
4 *(March 13, 2012 APWA GSP)*

5  
6 REVISE the first paragraph to read:

7  
8 The Contractor shall submit a preliminary Type B Progress Schedule at or prior to the  
9 preconstruction conference. The preliminary Type B Progress Schedule shall comply  
10 with all of these requirements and the requirements of Section 1-08.3(1), except that  
11 it may be limited to only those activities occurring within the first 60-working days of  
12 the project.

13  
14 Revise the first sentence of the second paragraph to read:

15  
16 The Contractor shall submit pdf copies of a Type B Progress Schedule depicting the  
17 entire project no later than 21-calendar days after the preconstruction conference.

18  
19 **1-08.4 Prosecution of Work**

20  
21 REPLACE this section with the following:

22  
23 **1-08.4 Notice to Proceed and Prosecution of Work**  
24 *(July 23, 2015 APWA GSP)*

25  
26 Notice to Proceed will be given after the contract has been executed and the contract  
27 bond and evidence of insurance have been approved and filed by the Contracting  
28 Agency. The Contractor shall not commence with the work until the Notice to Proceed  
29 has been given by the Engineer. The Contractor shall commence construction  
30 activities on the project site within ten days of the Notice to Proceed Date, unless  
31 otherwise approved in writing. The Contractor shall diligently pursue the work to the  
32 physical completion date within the time specified in the contract. Voluntary  
33 shutdown or slowing of operations by the Contractor shall not relieve the Contractor  
34 of the responsibility to complete the work within the time(s) specified in the contract.

35  
36 When shown in the Plans, the first order of work shall be the installation of high  
37 visibility fencing to delineate all areas for protection or restoration, as described in the  
38 Contract. Installation of high visibility fencing adjacent to the roadway shall occur  
39 after the placement of all necessary signs and traffic control devices in accordance  
40 with 1-10.1(2). Upon construction of the fencing, the Contractor shall request the  
41 Engineer to inspect the fence. No other work shall be performed on the site until the  
42 Contracting Agency has accepted the installation of high visibility fencing, as described  
43 in the Contract.



## SPECIAL PROVISIONS



1 **1-08.5 Time for Completion**  
2 *(November 30, 2018 APWA GSP, Option B)*

3  
4 REVISE the third and fourth paragraphs to read:

5  
6 Contract time shall begin on the first working day following the **fifth** calendar day after  
7 the Notice to Proceed date. If the Contractor starts work on the project at an earlier  
8 date, then contract time shall begin on the first working day when onsite work begins.

9  
10 Each working day shall be charged to the contract as it occurs, until the contract work  
11 is physically complete. If substantial completion has been granted and all the  
12 authorized working days have been used, charging of working days will cease. Each  
13 week the Engineer will provide the Contractor a statement that shows the number of  
14 working days: (1) charged to the contract the week before; (2) specified for the  
15 physical completion of the contract; and (3) remaining for the physical completion of  
16 the contract. The statement will also show the nonworking days and any partial or  
17 whole day the Engineer declares as unworkable. Within 10 calendar days after the  
18 date of each statement, the Contractor shall file a written protest of any alleged  
19 discrepancies in it. To be considered by the Engineer, the protest shall be in sufficient  
20 detail to enable the Engineer to ascertain the basis and amount of time disputed. By  
21 not filing such detailed protest in that period, the Contractor shall be deemed as having  
22 accepted the statement as correct. If the Contractor is approved to work 10 hours a  
23 day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10  
24 shift is worked would ordinarily be charged as a working day then the fifth day of that  
25 week will be charged as a working day whether or not the Contractor works on that  
26 day.

27  
28 REVISE the sixth paragraph to read:

29  
30 The Engineer will give the Contractor written notice of the completion date of the  
31 contract after all the Contractor's obligations under the contract have been performed  
32 by the Contractor. The following events must occur before the Completion Date can be  
33 established:

- 34 1. The physical work on the project must be complete; and
- 35 2. The Contractor must furnish all documentation required by the contract and  
36 required by law, to allow the Contracting Agency to process final acceptance of the  
37 contract. The following documents must be received by the Project Engineer prior  
38 to establishing a completion date:
- 39 a. Certified Payrolls (per Section 1-07.9(5)).
  - 40 b. Material Acceptance Certification Documents
  - 41 c. Monthly Reports of Amounts Credited as DBE Participation, as required by the  
42 Contract Provisions.
  - 43 d. Final Contract Voucher Certification

## SPECIAL PROVISIONS



- 1 e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor  
2 and all Subcontractors
- 3 f. A copy of the Notice of Termination sent to the Washington State Department  
4 of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of  
5 the Notice of Termination by Ecology; and no rejection of the Notice of  
6 Termination by Ecology. This requirement will not apply if the Construction  
7 Stormwater General Permit is transferred back to the Contracting Agency in  
8 accordance with Section 8-01.3(16).
- 9 g. Property owner releases per Section 1-07.24

10  
11 (*March 13, 1995, WSDOT GSP - OPT 7*)

12  
13 SUPPLEMENT this Section with the following:

14  
15 This project shall be physically completed within 30 working days

16  
17 **1-08.9 Liquidated Damages**  
18 (*March 3, 2021 APWA GSP, Option B*)

19  
20 REVISE the second and third paragraphs to read:

21  
22 Accordingly, the Contractor agrees:

- 23
- 24 1. To pay (according to the following formula) liquidated damages for each  
25 working day beyond the number of working days established for Physical  
26 Completion, and
  - 27 2. To authorize the Engineer to deduct these liquidated damages from any  
28 money due or coming due to the Contractor.  
29
- 30

31 **Liquidated Damages Formula**

32  
33  $LD=0.15C/T$

34  
35 Where:

36  
37 LD = liquidated damages per working day (rounded to the nearest dollar)  
38 C = original Contract amount  
39 T = original time for Physical Completion  
40

41 When the Contract Work has progressed to Substantial Completion as defined in the  
42 Contract, the Engineer may determine the Contract Work is Substantially Complete.  
43 The Engineer will notify the Contractor in writing of the Substantial Completion Date.

## SPECIAL PROVISIONS



1 For overruns in Contract time occurring after the date so established, the formula for  
2 liquidated damages shown above will not apply. For overruns in Contract time  
3 occurring after the Substantial Completion Date, liquidated damages shall be assessed  
4 on the basis of direct engineering and related costs assignable to the project until the  
5 actual Physical Completion Date of all the Contract Work. The Contractor shall  
6 complete the remaining Work as promptly as possible. Upon request by the Project  
7 Engineer, the Contractor shall furnish a written schedule for completing the physical  
8 Work on the Contract.

### 9 **1-09 MEASUREMENT AND PAYMENT**

#### 10 **1-09.1 Measurement of Quantities** 11 *(November 2016 KENMORE GSP)*

12  
13  
14 SUPPLEMENT this Section with the following:

15  
16 **Day (Day)** – Measured for each day that work is actually performed. Portions of a day  
17 will be rounded up to the nearest half day.

#### 18 19 **1-09.2 Weighing Equipment**

##### 20 21 **1-09.2(1) General Requirements for Weighing Equipment** 22 *(July 23, 2015 APWA GSP)*

23  
24 REVISE item 4 of the fifth paragraph to read:

25  
26 Test results and scale weight records for each day's hauling operations are provided  
27 to the Engineer daily. Reporting shall utilize WSDOT form 422-027, Scaleman's Daily  
28 Report, unless the printed ticket contains the same information that is on the  
29 Scaleman's Daily Report Form. The scale operator must provide AM and/or PM tare  
30 weights for each truck on the printed ticket.

##### 31 32 **1-09.2(5) Measurement** 33 *(May 2, 2017 APWA GSP)*

34  
35 REVISE the first paragraph to read:

36  
37 **Scale Verification Checks** – At the Engineer's discretion, the Engineer may perform  
38 verification checks on the accuracy of each batch, hopper, or platform scale used in  
39 weighing contract items of Work.

##### 40 41 **1-09.6 Force Account** 42 *(October 10, 2008 APWA GSP)*

## SPECIAL PROVISIONS



1  
2 SUPPLEMENT this Section with the following:

3  
4 The Contracting Agency has estimated and included in the Proposal, dollar amounts  
5 for all items to be paid per force account, only to provide a common proposal for  
6 Bidders. All such dollar amounts are to become a part of Contractor's total bid.  
7 However, the Contracting Agency does not warrant expressly or by implication, that  
8 the actual amount of work will correspond with those estimates. Payment will be  
9 made on the basis of the amount of work actually authorized by Engineer.

10  
11 **1-09.8 Payment for Material On Hand**  
12 *(April 2015 KENMORE GSP)*

13  
14 REVISE the second paragraph as follows:

15  
16 The Contracting Agency may reimburse the Contractor for traffic signal controllers as  
17 follows:

- 18 1. Fifty percent when the traffic signal controller and all components are received  
19 and assembled into a complete unit at the State Materials Laboratory or King  
20 County Signal Shop, whichever is applicable.  
21 2. One hundred percent when the traffic signal controller is approved for shipment to  
22 the project by the State Materials Laboratory or King County Signal Shop,  
23 whichever is applicable.

24  
25 **1-09.9 Payments**  
26 *(March 13, 2012 APWA GSP)*

27  
28 REVISE the first four paragraphs with the following:

29  
30 The basis of payment will be the actual quantities of Work performed according to the  
31 Contract and as specified for payment.

32  
33 The Contractor shall submit a breakdown of the cost of lump sum bid items at the  
34 Preconstruction Conference, to enable the Project Engineer to determine the Work  
35 performed on a monthly basis. A breakdown is not required for lump sum items that  
36 include a basis for incremental payments as part of the respective Specification.  
37 Absent a lump sum breakdown, the Project Engineer will make a determination based  
38 on information available. The Project Engineer's determination of the cost of work  
39 shall be final.

40  
41 Progress payments for completed work and material on hand will be based upon  
42 progress estimates prepared by the Engineer. A progress estimate cutoff date will be  
43 established at the preconstruction conference.

## SPECIAL PROVISIONS



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41

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.

*(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(1) Retainage**  
*(January 2022 KENMORE GSP)*

SUPPLEMENT this Section with the following:

## SPECIAL PROVISIONS



1  
2 The Retainage Form must be received by the City prior to the first payment submittal.  
3 If the Retainage Form is not submitted prior to the first payment, the Contractor  
4 authorizes the City to hold all retainage in a fund by the Contracting Agency.

5  
6 Neither the final payment nor any part of the retained percentage shall become due  
7 until Contractor, if requested, delivers to Owner a complete release of all liens arising  
8 out of this Contract, or receipts in full in lieu thereof, and, if required in either case, an  
9 affidavit that so far as the Contractor has knowledge or information, the release and  
10 receipts include all labor and materials for which a lien could be filed: but Contractor  
11 may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond  
12 satisfactorily to Engineer to indemnify Owner against the lien. If any lien remains  
13 unsatisfied after all payments are made, Contractor shall reimburse to Owner all  
14 moneys that the latter may be compelled to pay in discharging such lien, including all  
15 cost and reasonable engineer's and attorney's fees.

### 16 17 **1-09.11 Claims and Disputes**

#### 18 19 **1-09.11(3) Time Limitation and Jurisdiction** 20 *(November 30, 2018 APWA GSP)*

21  
22 REPLACE this section with the following:

23  
24 For the convenience of the parties to the Contract it is mutually agreed by the parties  
25 that any claims or causes of action which the Contractor has against the Contracting  
26 Agency arising from the Contract shall be brought within 180 calendar days from the  
27 date of final acceptance (Section 1-05.12) of the Contract by the Contracting Agency;  
28 and it is further agreed that any such claims or causes of action shall be brought only  
29 in the Superior Court of the county where the Contracting Agency headquarters is  
30 located, provided that where an action is asserted against a county, RCW 36.01.050  
31 shall control venue and jurisdiction. The parties understand and agree that the  
32 Contractor's failure to bring suit within the time period provided, shall be a complete  
33 bar to any such claims or causes of action. It is further mutually agreed by the parties  
34 that when any claims or causes of action which the Contractor asserts against the  
35 Contracting Agency arising from the Contract are filed with the Contracting Agency or  
36 initiated in court, the Contractor shall permit the Contracting Agency to have timely  
37 access to any records deemed necessary by the Contracting Agency to assist in  
38 evaluating the claims or action.

### 39 40 **1-09.13 Claims Resolution**

#### 41 42 **1-09.13(1) General** 43 *(January 2022 Kenmore GSP)*

44  
45 REPLACE the third and fourth paragraphs with the following:

# SPECIAL PROVISIONS



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

## 6 **1-10 TEMPORARY TRAFFIC CONTROL**

### 7 8 **1-10.2 Traffic Control Management**

#### 9 10 **1-10.2(1) General**

11 *(October 3, 2022 WSDOT GSP – OPT 1)*

12  
13 SUPPLEMENT this Section with the following:

14  
15 The Traffic Control Supervisor shall be certified by one of the following:

16  
17 The Northwest Laborers-Employers Training Trust  
18 27055 Ohio Ave.  
19 Kingston, WA 98346  
20 (360) 297-3035  
21 <https://www.nwlett.edu>

22  
23 Evergreen Safety Council  
24 12545 135<sup>th</sup> Ave. NE  
25 Kirkland, WA 98034-8709  
26 1-800-521-0778  
27 <https://www.esc.org>

28  
29 The American Traffic Safety Services Association  
30 15 Riverside Parkway, Suite 100  
31 Fredericksburg, Virginia 22406-1022  
32 Training Dept. Toll Free (877) 642-4637  
33 Phone: (540) 368-1701  
34 <https://altssa.com/training>

35  
36 Integrity Safety  
37 13912 NE 20<sup>th</sup> St  
38 Vancouver, WA 98686  
39 (360) 574-6071  
40 <https://www.integritysafety.com>

41  
42 US Safety Alliance  
43 (904) 705-5660

## SPECIAL PROVISIONS



1 <https://www.ussafetyalliance.com>

2  
3 K&D Services Inc.  
4 2719 Rockefeller Ave.  
5 Everett, WA 98201  
6 (800) 343-4049  
7 <https://www.kndservices.net>  
8

9 **1-10.2(2) Traffic Control Plans**  
10 *(August 2020 KENMORE GSP)*

11  
12 SUPPLEMENT this Section with the following:

13  
14 Road closures are not included within this project but the City may consider  
15 contractor requested road closures. For requested road closures, a road closure plan  
16 including detours shall be submitted to the Engineer for review. If accepted, 72-hour  
17 notification shall be given to the agencies noted on the City's Road Closure Notice prior  
18 to closure of any road. For closures on local streets, variable messages signs (VMS)  
19 boards shall be put in place at all closure points identifying the date, time and duration  
20 of closure. VMS boards shall be put in place 48 hours prior to closure. On arterial and  
21 collector streets, VMS boards as required for local streets shall be placed as well as  
22 notices shall be placed in the local newspaper 72 hours prior to the closure and shall  
23 list the location, dates, and detour route. Acceptance for any road closure will be at  
24 the City's sole discretion.  
25

26 During periods of work suspension, a traffic control plan shall be reviewed by the  
27 Engineer to keep the existing traveled lanes and pedestrian access open.  
28

29 **1-10.2(4) Pedestrian Traffic Control**  
30 *(January 2022 KENMORE GSP)*

31  
32 NEW Section:

33  
34 If no alternative is proposed within the contract plans, all existing pedestrian routes  
35 and access points within the project limits, including sidewalks, push buttons and  
36 crosswalks, shall remain open and clear at all times. The Contractor may propose  
37 Traffic Control Plans (TCP's) that comply with the MUTCD, ADA requirements, and  
38 these Specifications. Contractor proposed TCP's detailing the alternative accessible  
39 pedestrian route shall be approved by the Engineer prior to implementation. The  
40 plans will be returned by the end of a 5 working day review period. Each time the plan  
41 is returned for correction, an additional 5-day review period may be necessary.  
42

43 When the Engineer allows work areas to encroach upon a sidewalk or crosswalk area,  
44 and minimum clear width of 48-inches cannot be maintained for pedestrian use, an



## SPECIAL PROVISIONS



1 alternative accessible pedestrian route shall be provided. Separation of pedestrians  
2 from the work area and vehicular traffic is required.

3  
4 Protective barricades, fencing, and bridges, together with warning and guidance  
5 devices and signs, shall be utilized so that the passageway for pedestrians is safe, well  
6 defined and accessible. Whenever pedestrian walkways are provided across  
7 excavations, they shall be provided with suitable handrails. Foot bridges shall be safe,  
8 strong, and free of bounce and sway, have a slip resistant coating, and be free of cracks,  
9 holes and irregularities that could cause tripping. Ramps, with a maximum slope of  
10 8.3%, shall be provided at the entrance and exit of all raised footbridges. The  
11 maximum cross slope shall be 2.0%. When the existing facility is illuminated or TCP's  
12 requires illumination, illumination shall be provided during the hours of darkness.  
13 Retroreflective delineation shall be provided during hours of darkness.

14  
15 Where accessible pedestrian routes are allowed to be closed by the Engineer during  
16 construction, an alternate accessible pedestrian route shall be provided that complies  
17 with the MUTCD, ADA requirements and these Specifications. The alternate accessible  
18 pedestrian route shall not have abrupt changes in grade or terrain. Barriers and  
19 channelizing devices shall be detectable to pedestrians who have visual disabilities.  
20 Where it is necessary to divert pedestrians into the roadway, barricading or  
21 channelizing devices shall be provided to separate the pedestrian route from the  
22 adjacent vehicular traffic lane and on-street parking, if any. At no time shall  
23 pedestrians be diverted into a portion of the street used concurrently by moving  
24 vehicular traffic.

25  
26 In addition the Traffic Control Plan shall address the following:

- 27
- 28 • All pedestrians, including persons with disabilities, shall be provided with a safe  
29 and accessible route.
  - 30  
31 • The width of the existing pedestrian facility shall be maintained if possible. When  
32 it is not possible to maintain a minimum width of 60-inches throughout the entire  
33 length of the pedestrian route, a minimum width of 48-inches shall be provided  
34 with 60-inch x 60-inch passing zones spaced at maximum intervals of 200-feet to  
35 allow individuals in wheelchairs to pass.
  - 36  
37 • Traffic control devices and other construction materials and features shall not  
38 intrude into the usable width of the sidewalk, alternate accessible pedestrian  
39 route, or other pedestrian facility.
  - 40  
41 • Signs and other devices mounted lower than 84-inches above the temporary  
42 accessible pedestrian route shall not project more than 4-inches into the accessible  
43 pedestrian route.
  - 44

## SPECIAL PROVISIONS



- 1       • A smooth, continuous hard surface shall be provided throughout the entire length  
2       and width of the pedestrian route throughout construction. There shall be no  
3       curbs or vertical elevation changes greater than ½-inch in grade or terrain that  
4       could cause tripping or be a barrier to wheelchair use. Vertical elevation  
5       differences between ¼-inch and ½-inch shall be beveled at a maximum 2:1 slope.  
6
- 7       • When channelization is used to delineate a pedestrian pathway, a continuous  
8       detectable edging shall be provided throughout the length of the facility such that  
9       pedestrians using a cane can follow it. Edging shall protrude at least 6-inches  
10      above the surface of the sidewalk or pathway with the bottom of the edging a  
11      maximum of 2-1/2 inches above the surface.  
12
- 13      • Temporary ramps shall be provided when an alternate accessible pedestrian route  
14      crosses a curb and no permanent curb ramps are in place. The width of the curb  
15      ramp shall be a minimum of 48-inches and the maximum slope of the ramp shall  
16      be 8.3%. The maximum cross slope shall be 2.0%. The bottom of the curb ramp  
17      shall be flush with the Roadway. Temporary detectable warning mats shall be  
18      installed at street crossings.  
19
- 20      • When possible, an alternate accessible pedestrian route shall be provided on the  
21      same side of the street as the disrupted route. When it is not possible, the alternate  
22      route shall be clearly identified at the nearest intersection crossing prior to the  
23      closure area.  
24
- 25      • Information regarding closed pedestrian routes, alternate crossings, and sign and  
26      signal information shall be communicated to pedestrians with visual disabilities  
27      by providing devices such as audible information devices, accessible pedestrian  
28      signals, or barriers and channelizing devices that are detectable to the pedestrians  
29      traveling with the aid of a cane or who have low vision.  
30
- 31      • It is desirable that pedestrians cross to the opposite side of the roadway at  
32      intersections rather than mid-block. Appropriate signing shall be placed at the  
33      intersections prior to any pedestrian route closure.  
34
- 35      • If not otherwise stated in the contract provisions, access to transit stops shall be  
36      provided and maintained at all times. Transit stops may be temporarily relocated  
37      with approval of the transit agency and the Project Engineer.  
38
- 39      • At locations where adjacent alternate walkways cannot be provided, appropriate  
40      signs shall be posted at the limits of construction and in advance of the closure at  
41      the nearest crosswalk or intersection, to divert pedestrians across the street.  
42      Physical barricades shall be installed to prevent visually impaired people from  
43      inadvertently entering a closed area.  
44

## SPECIAL PROVISIONS



- Flaggers may be utilized as an alternative to escort pedestrians through the work area if traffic control devices are insufficient to provide a safe accessible route.

### 1-10.4 Measurement

#### 1-10.4(1) Lump Sum Bid for Project (No Unit Items) (August 2, 2004 WSDOT GSP)

SUPPLEMENT this Section with the following:

The proposal contains the item "Project Temporary Traffic Control", lump sum. The provisions of Section 1-10.4(1) shall apply.

**END OF DIVISION 1**

# SPECIAL PROVISIONS



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## DIVISION 2 EARTHWORK

### 2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

#### 2-01.2 Disposal of Usable Material and Debris

##### 2-01.2(1) Disposal Method No. 1 - Open Burning (August 2020 KENMORE GSP)

REPLACE this Section with the following:

Open burning will not be permitted.

### 2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

#### 2-02.2 Removal of Structures and Obstructions (August 2020 KENMORE GSP)

REPLACE this Section with the following:

The following listed items shall be removed and disposed of off the project site in accordance with the requirements of the Specifications, unless otherwise stated. Quantities are approximate and are listed to assist in the bidding process only and should not be considered exact. Contractor shall be solely responsible for determining the exact quantities for all work items and quantities requiring removal and disposal prior to submitting bid.

<u>Item</u>	<u>Location</u>	<u>Approximate Quantity</u>
Eco Blocks	STA 10+27, 20' RT	3

Items listed above are for informational purposes only and shall not be considered necessarily complete. Contractor is to verify all removal requirements and account for all items to be removed in their bid. All work listed on the plans identified for removal or demolition or items located within areas identified for removal/demolition but not listed in this section specifically and not accounted for as a separate bid item shall be considered part of the "Removal of Structures and Obstructions" bid item unless stated otherwise in the plans and specifications. Work shall also include removal and disposal of two 4'x6' timber posted project information signs after substantial completion.

# SPECIAL PROVISIONS



1 **2-02.3 Construction Requirements**

2  
3 **2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters**  
4 *(January 2022 KENMORE GSP)*

5  
6 SUPPLEMENT this Section with the following:

7  
8 All sidewalk is assumed to be a maximum of 5 inches thick. The approximate  
9 maximum thickness of pavement expected is as follows:

10  
11 **8-10 inches.**

12  
13 Wastewater from Portland Cement Concrete, masonry, and asphalt concrete cutting  
14 operations shall not be discharged to storm drainage systems or surface waters.

15  
16 To thoroughly clean saw cuts where necessary, the Contractor shall use high pressure  
17 water (high pressure water is considered greater than 1400 p.s.i.).

18  
19 All wastewater shall be collected and disposed per section 2-03.3(7)C. Disposal of the  
20 waste liquid may be to soil or other porous surfaces away from storm drains and  
21 surface water, only if the Contractor collects and disposes of remaining sediment after  
22 water has filtered into soil or evaporated. Impervious surfaces contaminated with  
23 sediment and grit from cutting, planing or pulverizing operations shall be cleaned by  
24 sweepers.

25  
26 **2-02.3(4) Removal of Signs**  
27 *(April 2015 KENMORE GSP)*

28  
29 NEW Section:

30  
31 Removal of signs noted on the plans shall include the foundation. Backfill of resulting  
32 void shall be either compacted native material or topsoil B or C for removals in  
33 landscape areas or 6 inches of compacted HMA or 3,000 PSI cement concrete (to match  
34 existing conditions) over crushed surfacing top course for removals in paved areas.

35  
36 **2-02.3(5) Potholing**  
37 *(December 2016 KENMORE GSP)*

38  
39 NEW Section:

40  
41 Potholing is for determining the location of existing underground utilities in advance  
42 of the Contractor's operations. The Contractor shall submit for approval to the  
43 Engineer all potholing locations. Potholes done without Engineer's approval shall be  
44 at the Contractor's risk. Cost for unapproved work shall be at the Contractor's expense

## SPECIAL PROVISIONS



1 as well as any repair/restoration to the area. Width of pothole will be at the  
2 Contractor's discretion and shall be taken into account in the bid item.

### 4 **2-02.3(6) Sawcutting**

5 *(\*\*\*\*\*)*

7 NEW Section:

9 When sawcutting cement concrete pavement, cement concrete driveways, cement  
10 concrete sidewalk, or other cement concrete slabs, with or without asphalt overlay for  
11 removal, the sawcut shall be full depth of the concrete material (or rigid pavement)  
12 unless the Plans indicate otherwise or the Engineer directs or allows otherwise.

14 Curb removal shall be sawcut full height and width of curb.

16 Asphalt removal shall be sawcut full depth, straight, and the surface shall be generally  
17 vertical over its full depth.

18 Sawcut limits are shown on the Plans. Locations shown are approximate. Contractor  
19 shall field verify existing utilities and connection locations and adjust the location of  
20 sawcut accordingly.

### 23 **2-02.4 Measurement**

24 *(\*\*\*\*\*)*

26 SUPPLEMENT this Section with the following:

28 "Sawcutting" will be measured per linear foot.

30 Measurement for "Sawcutting" will be for one cut (pass) only. Measure shall be along  
31 the finished cut line. Overcuts for curve/radius work or deeper penetration shall be  
32 considered included within the unit bid price and no separate measurement will be  
33 made for such cuts.

### 35 **2-02.5 Payment**

36 *(August 2020 KENMORE GSP)*

38 SUPPLEMENT this Section with the following:

40 If no bid item is provided for "Sawcutting", "Potholing", "Remove Asphalt Pavement",  
41 "Remove Concrete Pavement", "Remove Cement Concrete Curb and Gutter", "Remove  
42 Existing Structure \_\_\_", or "Remove Cement Concrete Sidewalk", payment for all work  
43 necessary to perform said work shall be included in the unit lump sum price "Removal  
44 of Structures and Obstructions".

## SPECIAL PROVISIONS



1  
2 Removal and disposal of signs, posts and foundations and backfilling and restoration  
3 of any voids shall be considered part of the "Removal of Structures and Obstructions"  
4 bid item.

5  
6 All other work not listed specifically on the bid proposal sheets for removal or in  
7 Section 2-02.2 but identified to be removed per the plans and specifications shall be  
8 paid for under the unit lump sum price "Removal of Structures and Obstructions".  
9

10 (\*\*\*\*\*)

11  
12 SUPPLEMENT this Section with the following:

13  
14 "Sawcutting", per linear foot.

### 15 **2-03 ROADWAY EXCAVATION AND EMBANKMENT**

#### 16 17 **2-03.3 Construction Requirements**

#### 18 19 **2-03.3(14)D Compaction and Moisture Control Tests** 20 *(January 2022 KENMORE GSP)*

21  
22 SUPPLEMENT this Section with the following:

23  
24 Density compaction testing may also be conducted per the most current, applicable  
25 ASTM test standards.

26  
27 At the discretion of the Engineer, visual inspection may be conducted in-lieu of density  
28 testing for compliance with the plans and specifications.

### 29 **2-11 TRIMMING AND CLEANUP**

#### 30 31 **2-11.1 Description** 32 *(August 2020 KENMORE GSP)*

33  
34 SUPPLEMENT this Section with the following:

35  
36 All trees and shrubs within the work area shall be trimmed back to create a clear space  
37 the full width of pavement and/or sidewalk and a clear height of 7 feet from the finish  
38 surface.

39  
40 Paved street surfaces, existing and new shall be thoroughly cleaned with a vacuum  
41 street sweeper upon completion of work and shall require daily cleaning as necessary

## SPECIAL PROVISIONS



1 to remove construction debris/materials. Contractor shall also be required to inspect  
2 daily, haul routes and, if necessary, street sweep to remove debris. Upon completion  
3 of the work, all haul routes shall be street swept.  
4

### 5 **2-11.4 Measurement**

6 *(April 2015 KENMORE GSP)*  
7

8 REPLACE this Section with the following:  
9

10 No specific unit of measurement will be made for Trimming and Cleanup.  
11

### 12 **2-11.5 Payment**

13 *(December 2016 KENMORE GSP)*  
14

15 REPLACE this Section with the following:  
16

17 All costs to comply with this Section, unless otherwise stated, are incidental to the  
18 Contract and are the responsibility of the Contractor. The Contractor shall include all  
19 related costs in the unit Bid prices of the contract.  
20  
21

22 **END OF DIVISION 2**  
23



# SPECIAL PROVISIONS



## DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS

### 5-04 HOT MIX ASPHALT

*(July 18, 2018 APWA GSP)*

REPLACE this section with the following:

#### 5-04.1 Description

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

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

#### 5-04.2 Materials

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5
Aggregates	9-03.8
Recycled Asphalt Pavement	9-03.8(3)B
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21
Portland Cement	9-01
Sand	9-03.1(2)
(As noted in 5-04.3(5)C for crack sealing)	
Joint Sealant	9-04.2
Foam Backer Rod	9-04.2(3)A
Fiber reinforcement	5-04.3(17)

The Contract documents may establish that the various mineral materials required for the manufacture of HMA will be furnished in whole or in part by the Contracting Agency. If the documents do not establish the furnishing of any of these mineral materials by the Contracting Agency, the Contractor shall be required to furnish such

## SPECIAL PROVISIONS



1 materials in the amounts required for the designated mix. Mineral materials include  
2 coarse and fine aggregates, and mineral filler.

3  
4 The Contractor may choose to utilize recycled asphalt pavement (RAP) in the  
5 production of HMA. The RAP may be from pavements removed under the Contract, if  
6 any, or pavement material from an existing stockpile.

7  
8 The Contractor may use up to 20 percent RAP by total weight of HMA with no  
9 additional sampling or testing of the RAP. The RAP shall be sampled and tested at a  
10 frequency of one sample for every 1,000 tons produced and not less than ten  
11 samples per project. The asphalt content and gradation test data shall be reported to  
12 the Contracting Agency when submitting the mix design for approval on the QPL. The  
13 Contractor shall include the RAP as part of the mix design as defined in these  
14 Specifications.

15  
16 The grade of asphalt binder shall be as required by the Contract. Blending of asphalt  
17 binder from different sources is not permitted.

18  
19 The Contractor may only use warm mix asphalt (WMA) processes in the production  
20 of HMA with 20 percent or less RAP by total weight of HMA. The Contractor shall  
21 submit to the Engineer for approval the process that is proposed and how it will be  
22 used in the manufacture of HMA.

23  
24 Production of aggregates shall comply with the requirements of Section 3-01.  
25 Preparation of stockpile site, the stockpiling of aggregates, and the removal of  
26 aggregates from stockpiles shall comply with the requirements of Section 3-02.

### 27 28 **5-04.2(1) How to Get an HMA Mix Design on the QPL**

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

### 32 33 **5-04.2(1)A Vacant**

### 34 35 **5-04.2(2) Mix Design – Obtaining Project Approval**

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

37  
38 **Nonstatistical** evaluation will be used for all HMA not designated as Commercial  
39 HMA in the contract documents.

## SPECIAL PROVISIONS



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

9  
10       **Nonstatistical Mix Design.** Fifteen days prior to the first day of paving the contractor  
11 shall provide one of the following mix design verification certifications for  
12 Contracting Agency review;

- 13
- 14       • The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or  
15       one of the mix design verification certifications listed below.
- 16       • The proposed HMA mix design on WSDOT Form 350-042 with the seal and  
17       certification (stamp & signature) of a valid licensed Washington State  
18       Professional Engineer.
- 19       • The Mix Design Report for the proposed HMA mix design developed by a  
20       qualified City or County laboratory that is within one year of the approval  
21       date.\*\*

22

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

28

29       Mix designs for HMA accepted by Nonstatistical evaluation shall;

- 30
- 31       • Have the aggregate structure and asphalt binder content determined in  
32       accordance with WSDOT Standard Operating Procedure 732 and meet the  
33       requirements of Sections 9-03.8(2), except that Hamburg testing for ruts and  
34       stripping are at the discretion of the Engineer, and 9-03.8(6).
- 35       • Have anti-strip requirements, if any, for the proposed mix design determined  
36       in accordance with AASHTO T 283 or T 324, or based on historic anti-strip and  
37       aggregate source compatibility from previous WSDOT lab testing.

38

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

# SPECIAL PROVISIONS



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

6  
7 For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and  
8 design level of Equivalent Single Axle Loads (ESAL’s) appropriate for the required  
9 use.

## 10 11 **5-04.2(2)B Using Warm Mix Asphalt Processes**

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

- 16  
17 • Do not use additives that reduce the mixing temperature more than allowed in  
18 Section 5-04.3(6) in the production of mixtures.
- 19 • Before using additives, obtain the Engineer’s approval using WSDOT Form 350-  
20 076 to describe the proposed additive and process.

## 21 22 **5-04.3 Construction Requirements**

### 23 24 **5-04.3(1) Weather Limitations**

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

28  
29 Do not place HMA on any wet surface, or when the average surface temperatures are  
30 less than those specified below, or when weather conditions otherwise prevent the  
31 proper handling or finishing of the HMA.

32  
33 **Minimum Surface Temperature for Paving**

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

## SPECIAL PROVISIONS



1  
2 **5-04.3(2) Paving Under Traffic**

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

5  
6 The Contractor shall keep intersections open to traffic at all times except when  
7 paving the intersection or paving across the intersection. During such time, and  
8 provided that there has been an advance warning to the public, the intersection may  
9 be closed for the minimum time required to place and compact the mixture. In hot  
10 weather, the Engineer may require the application of water to the pavement to  
11 accelerate the finish rolling of the pavement and to shorten the time required before  
12 reopening to traffic.

13  
14 Before closing an intersection, advance warning signs shall be placed and signs shall  
15 also be placed marking the detour or alternate route.

16  
17 During paving operations, temporary pavement markings shall be maintained  
18 throughout the project. Temporary pavement markings shall be installed on the  
19 Roadway prior to opening to traffic. Temporary pavement markings shall be in  
20 accordance with Section 8-23.

21  
22 All costs in connection with performing the Work in accordance with these  
23 requirements, except the cost of temporary pavement markings, shall be included in  
24 the unit Contract prices for the various Bid items involved in the Contract.

25  
26 **5-04.3(3) Equipment**

27  
28 **5-04.3(3)A Mixing Plant**

29 Plants used for the preparation of HMA shall conform to the following requirements:  
30

- 31 **1. Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt  
32 binder shall be equipped to heat and hold the material at the required  
33 temperatures. The heating shall be accomplished by steam coils, electricity, or  
34 other approved means so that no flame shall be in contact with the storage  
35 tank. The circulating system for the asphalt binder shall be designed to ensure  
36 proper and continuous circulation during the operating period. A valve for the  
37 purpose of sampling the asphalt binder shall be placed in either the storage  
38 tank or in the supply line to the mixer.
- 39 **2. Thermometric Equipment** – An armored thermometer, capable of detecting  
40 temperature ranges expected in the HMA mix, shall be fixed in the asphalt  
41 binder feed line at a location near the charging valve at the mixer unit. The



1 thermometer location shall be convenient and safe for access by Inspectors.  
2 The plant shall also be equipped with an approved dial-scale thermometer, a  
3 mercury actuated thermometer, an electric pyrometer, or another approved  
4 thermometric instrument placed at the discharge chute of the drier to  
5 automatically register or indicate the temperature of the heated aggregates.  
6 This device shall be in full view of the plant operator.

7 3. **Heating of Asphalt Binder** – The temperature of the asphalt binder shall not  
8 exceed the maximum recommended by the asphalt binder manufacturer nor  
9 shall it be below the minimum temperature required to maintain the asphalt  
10 binder in a homogeneous state. The asphalt binder shall be heated in a manner  
11 that will avoid local variations in heating. The heating method shall provide a  
12 continuous supply of asphalt binder to the mixer at a uniform average  
13 temperature with no individual variations exceeding 25°F. Also, when a WMA  
14 additive is included in the asphalt binder, the temperature of the asphalt binder  
15 shall not exceed the maximum recommended by the manufacturer of the WMA  
16 additive.

17 4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped  
18 with a mechanical sampler for the sampling of the mineral materials. The  
19 mechanical sampler shall meet the requirements of Section 1-05.6 for the  
20 crushing and screening operation. The Contractor shall provide for the setup  
21 and operation of the field testing facilities of the Contracting Agency as  
22 provided for in Section 3-01.2(2).

23 5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the  
24 following methods:

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

28  
29 **5-04.3(3)B Hauling Equipment**

30 Trucks used for hauling HMA shall have tight, clean, smooth metal beds and shall  
31 have a cover of canvas or other suitable material of sufficient size to protect the  
32 mixture from adverse weather. Whenever the weather conditions during the work  
33 shift include, or are forecast to include, precipitation or an air temperature less than  
34 45°F or when time from loading to unloading exceeds 30 minutes, the cover shall be  
35 securely attached to protect the HMA.

36  
37 The contractor shall provide an environmentally benign means to prevent the HMA  
38 mixture from adhering to the hauling equipment. Excess release agent shall be  
39 drained prior to filling hauling equipment with HMA. Petroleum derivatives or other  
40 coating material that contaminate or alter the characteristics of the HMA shall not be  
41 used. For live bed trucks, the conveyer shall be in operation during the process of  
42 applying the release agent.

## SPECIAL PROVISIONS



1  
2 **5-04.3(3)C Pavers**

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

7  
8 The HMA paver shall be in good condition and shall have the most current  
9 equipment available from the manufacturer for the prevention of segregation of the  
10 HMA mixture installed, in good condition, and in working order. The equipment  
11 certification shall list the make, model, and year of the paver and any equipment that  
12 has been retrofitted.

13  
14 The screed shall be operated in accordance with the manufacturer's  
15 recommendations and shall effectively produce a finished surface of the required  
16 evenness and texture without tearing, shoving, segregating, or gouging the mixture.  
17 A copy of the manufacturer's recommendations shall be provided upon request by  
18 the Contracting Agency. Extensions will be allowed provided they produce the same  
19 results, including ride, density, and surface texture as obtained by the primary  
20 screed. Extensions without augers and an internally heated vibratory screed shall  
21 not be used in the Traveled Way.

22  
23 When specified in the Contract, reference lines for vertical control will be required.  
24 Lines shall be placed on both outer edges of the Traveled Way of each Roadway.  
25 Horizontal control utilizing the reference line will be permitted. The grade and slope  
26 for intermediate lanes shall be controlled automatically from reference lines or by  
27 means of a mat referencing device and a slope control device. When the finish of the  
28 grade prepared for paving is superior to the established tolerances and when, in the  
29 opinion of the Engineer, further improvement to the line, grade, cross-section, and  
30 smoothness can best be achieved without the use of the reference line, a mat  
31 referencing device may be substituted for the reference line. Substitution of the  
32 device will be subject to the continued approval of the Engineer. A joint matcher may  
33 be used subject to the approval of the Engineer. The reference line may be removed  
34 after the completion of the first course of HMA when approved by the Engineer.  
35 Whenever the Engineer determines that any of these methods are failing to provide  
36 the necessary vertical control, the reference lines will be reinstalled by the  
37 Contractor.

38  
39 The Contractor shall furnish and install all pins, brackets, tensioning devices, wire,  
40 and accessories necessary for satisfactory operation of the automatic control  
41 equipment.  
42

## SPECIAL PROVISIONS



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

### 4 5 **5-04.3(3)D Material Transfer Device or Material Transfer Vehicle**

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

8  
9 Where an MTD/V is required by the contract, the Engineer may approve paving  
10 without an MTD/V, at the request of the Contractor. The Engineer will determine if  
11 an equitable adjustment in cost or time is due.

12  
13 When used, the MTD/V shall mix the HMA after delivery by the hauling equipment  
14 and prior to laydown by the paving machine. Mixing of the HMA shall be sufficient to  
15 obtain a uniform temperature throughout the mixture. If a windrow elevator is used,  
16 the length of the windrow may be limited in urban areas or through intersections, at  
17 the discretion of the Engineer.

18  
19 To be approved for use, an MTV:

- 20  
21 1. Shall be self-propelled vehicle, separate from the hauling vehicle or paver.  
22 2. Shall not be connected to the hauling vehicle or paver.  
23 3. May accept HMA directly from the haul vehicle or pick up HMA from a  
24 windrow.  
25 4. Shall mix the HMA after delivery by the hauling equipment and prior to  
26 placement into the paving machine.  
27 5. Shall mix the HMA sufficiently to obtain a uniform temperature throughout  
28 the mixture.

29  
30 To be approved for use, an MTD:

- 31  
32 1. Shall be positively connected to the paver.  
33 2. May accept HMA directly from the haul vehicle or pick up HMA from a  
34 windrow.  
35 3. Shall mix the HMA after delivery by the hauling equipment and prior to  
36 placement into the paving machine.  
37 4. Shall mix the HMA sufficiently to obtain a uniform temperature throughout  
38 the mixture.



## SPECIAL PROVISIONS



### 5-04.3(3)E Rollers

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

### 5-04.3(4) Preparation of Existing Paved Surfaces

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

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

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

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

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

## SPECIAL PROVISIONS



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

4  
5 Equipment shall not operate on tacked surfaces until the tack has broken and cured.  
6 If the Contractor's operation damages the tack coat it shall be repaired prior to  
7 placement of the HMA.

8  
9 The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h  
10 emulsified asphalt may be diluted once with water at a rate not to exceed one part  
11 water to one part emulsified asphalt. The tack coat shall have sufficient temperature  
12 such that it may be applied uniformly at the specified rate of application and shall  
13 not exceed the maximum temperature recommended by the emulsified  
14 asphalt manufacturer.

### 15 16 **5-04.3(4)A Crack Sealing**

#### 17 18 **5-04.3(4)A1 General**

19 When the Proposal includes a pay item for crack sealing, seal all cracks  $\frac{1}{4}$  inch in  
20 width and greater.

21  
22 **Cleaning:** Ensure that cracks are thoroughly clean, dry and free of all loose and  
23 foreign material when filling with crack sealant material. Use a hot compressed air  
24 lance to dry and warm the pavement surfaces within the crack immediately prior to  
25 filling a crack with the sealant material. Do not overheat pavement. Do not use direct  
26 flame dryers. Routing cracks is not required.

27  
28 **Sand Slurry:** For cracks that are to be filled with sand slurry, thoroughly mix the  
29 components and pour the mixture into the cracks until full. Add additional CSS-1  
30 cationic emulsified asphalt to the sand slurry as needed for workability to ensure the  
31 mixture will completely fill the cracks. Strike off the sand slurry flush with the  
32 existing pavement surface and allow the mixture to cure. Top off cracks that were  
33 not completely filled with additional sand slurry. Do not place the HMA overlay until  
34 the slurry has fully cured.

35  
36 The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt,  
37 approximately 2 percent portland cement, water (if required), and the remainder  
38 clean Class 1 or 2 fine aggregate per section 9-03.1(2). The components shall be  
39 thoroughly mixed and then poured into the cracks and joints until full. The following  
40 day, any cracks or joints that are not completely filled shall be topped off with  
41 additional sand slurry. After the sand slurry is placed, the filler shall be struck off  
42 flush with the existing pavement surface and allowed to cure. The HMA overlay shall

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1 not be placed until the slurry has fully cured. The requirements of Section 1-06 will  
2 not apply to the portland cement and sand used in the sand slurry.

3  
4 In areas where HMA will be placed, use sand slurry to fill the cracks.

5  
6 In areas where HMA will not be placed, fill the cracks as follows:

- 7  
8 1. Cracks  $\frac{1}{4}$  inch to 1 inch in width - fill with hot poured sealant.  
9 2. Cracks greater than 1 inch in width – fill with sand slurry.

10  
11 **Hot Poured Sealant:** For cracks that are to be filled with hot poured sealant, apply the  
12 material in accordance with these requirements and the manufacturer's  
13 recommendations. Furnish a Type 1 Working Drawing of the manufacturer's product  
14 information and recommendations to the Engineer prior to the start of work,  
15 including the manufacturer's recommended heating time and temperatures,  
16 allowable storage time and temperatures after initial heating, allowable reheating  
17 criteria, and application temperature range. Confine hot poured sealant material  
18 within the crack. Clean any overflow of sealant from the pavement surface. If, in the  
19 opinion of the Engineer, the Contractor's method of sealing the cracks with hot  
20 poured sealant results in an excessive amount of material on the pavement surface,  
21 stop and correct the operation to eliminate the excess material.

### 22 23 **5-04.3(4)A2 Crack Sealing Areas Prior to Paving**

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

### 25 26 **5-04.3(4)A3 Crack Sealing Areas Not to be Paved**

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

- 28  
29 A. Cracks  $\frac{1}{4}$  inch to 1 inch in width - fill with hot poured sealant.  
30 B. Cracks greater than 1 inch in width – fill with sand slurry.

### 31 32 **5-04.3(4)B Vacant**

### 33 34 **5-04.3(4)C Pavement Repair**

35 The Contractor shall excavate pavement repair areas and shall backfill these with  
36 HMA in accordance with the details shown in the Plans and as marked in the field.  
37 The Contractor shall conduct the excavation operations in a manner that will protect  
38 the pavement that is to remain. Pavement not designated to be removed that is  
39 damaged as a result of the Contractor's operations shall be repaired by the  
40 Contractor to the satisfaction of the Engineer at no cost to the Contracting Agency.  
41 The Contractor shall excavate only within one lane at a time unless approved

## SPECIAL PROVISIONS



1 otherwise by the Engineer. The Contractor shall not excavate more area than can be  
2 completely finished during the same shift, unless approved by the Engineer.

3  
4 Unless otherwise shown in the Plans or determined by the Engineer, excavate to a  
5 depth of 1.0 feet. The Engineer will make the final determination of the excavation  
6 depth required. The minimum width of any pavement repair area shall be 40 inches  
7 unless shown otherwise in the Plans. Before any excavation, the existing pavement  
8 shall be sawcut or shall be removed by a pavement grinder. Excavated materials will  
9 become the property of the Contractor and shall be disposed of in a Contractor-  
10 provided site off the Right of Way or used in accordance with Sections 2-02.3(3) or  
11 9-03.21.

12  
13 Asphalt for tack coat shall be required as specified in Section 5-04.3(4). A heavy  
14 application of tack coat shall be applied to all surfaces of existing pavement in the  
15 pavement repair area.

16  
17 Placement of the HMA backfill shall be accomplished in lifts not to exceed 0.35-foot  
18 compacted depth. Lifts that exceed 0.35-foot of compacted depth may be  
19 accomplished with the approval of the Engineer. Each lift shall be thoroughly  
20 compacted by a mechanical tamper or a roller.

### 21 22 **5-04.3(5) Producing/Stockpiling Aggregates and RAP**

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

### 29 30 **5-04.3(5)A Vacant**

### 31 32 **5-04.3(6) Mixing**

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

37  
38 When discharged, the temperature of the HMA shall not exceed the optimum mixing  
39 temperature by more than 25°F as shown on the reference mix design report or as  
40 approved by the Engineer. Also, when a WMA additive is included in the manufacture  
41 of HMA, the discharge temperature of the HMA shall not exceed the maximum  
42 recommended by the manufacturer of the WMA additive. A maximum water content

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1 of 2 percent in the mix, at discharge, will be allowed providing the water causes no  
2 problems with handling, stripping, or flushing. If the water in the HMA causes any of  
3 these problems, the moisture content shall be reduced as directed by the Engineer.

4  
5 Storing or holding of the HMA in approved storage facilities will be permitted with  
6 approval of the Engineer, but in no event shall the HMA be held for more than 24  
7 hours. HMA held for more than 24 hours after mixing shall be rejected. Rejected HMA  
8 shall be disposed of by the Contractor at no expense to the Contracting Agency. The  
9 storage facility shall have an accessible device located at the top of the cone or about  
10 the third point. The device shall indicate the amount of material in storage. No HMA  
11 shall be accepted from the storage facility when the HMA in storage is below the top  
12 of the cone of the storage facility, except as the storage facility is being emptied at the  
13 end of the working shift.

14  
15 Recycled asphalt pavement (RAP) utilized in the production of HMA shall be sized  
16 prior to entering the mixer so that a uniform and thoroughly mixed HMA is  
17 produced. If there is evidence of the recycled asphalt pavement not breaking down  
18 during the heating and mixing of the HMA, the Contractor shall immediately suspend  
19 the use of the RAP until changes have been approved by the Engineer. After the  
20 required amount of mineral materials, RAP, new asphalt binder and asphalt  
21 rejuvenator have been introduced into the mixer the HMA shall be mixed until  
22 complete and uniform coating of the particles and thorough distribution of the  
23 asphalt binder throughout the mineral materials, and RAP is ensured.

### 24 25 **5-04.3(7) Spreading and Finishing**

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

30

31 HMA Class 1"	0.35 feet
32 HMA Class ¾" and HMA Class ½"	
33 wearing course	0.30 feet
34 other courses	0.35 feet
35 HMA Class ⅜"	0.15 feet

36

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

40

# SPECIAL PROVISIONS



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

## 6 7 **5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA**

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

## 12 13 **5-04.3(9) HMA Mixture Acceptance**

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

16  
17 Nonstatistical evaluation will be used for the acceptance of HMA unless Commercial  
18 Evaluation is specified.

19  
20 Commercial evaluation will be used for Commercial HMA and for other classes of  
21 HMA in the following applications: sidewalks, road approaches, ditches, slopes,  
22 paths, trails, gores, prelevel, temporary pavement, and pavement repair. Other  
23 nonstructural applications of HMA accepted by commercial evaluation shall be as  
24 approved by the Engineer. Sampling and testing of HMA accepted by commercial  
25 evaluation will be at the option of the Engineer.

26  
27 The mix design will be the initial JMF for the class of HMA. The Contractor may  
28 request a change in the JMF. Any adjustments to the JMF will require the approval of  
29 the Engineer and may be made in accordance with this section.

## 30 31 **HMA Tolerances and Adjustments**

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

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

Property	Non-Statistical Evaluation	Commercial Evaluation
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# SPECIAL PROVISIONS



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

For Aggregates in the mixture:

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

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

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

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

- a. **Aggregates** – 2 percent for the aggregate passing the 1½", 1", ¾", ½", ¾", and the No. 4 sieves, 1 percent for aggregate passing the No. 8 sieve, and 0.5 percent for the aggregate passing the No. 200 sieve. The adjusted JMF shall be within the range of the control points in Section 9-03.8(6).
- b. **Asphalt Binder Content** – The Engineer may order or approve changes to asphalt binder content. The maximum adjustment from the approved mix design for the asphalt binder content shall be 0.3 percent

## 5-04.3(9)A Vacant

## 5-04.3(9)B Vacant

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

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

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

A lot is represented by randomly selected samples of the same mix design that will be tested for acceptance. A lot is defined as the total quantity of material or work

## SPECIAL PROVISIONS



1 produced for each Job Mix Formula placed. Only one lot per JMF is expected. A subplot  
2 shall be equal to one day's production or 800 tons, whichever is less except that the  
3 final subplot will be a minimum of 400 tons and may be increased to 1200 tons.

4  
5 All of the test results obtained from the acceptance samples from a given lot shall be  
6 evaluated collectively. If the Contractor requests a change to the JMF that is  
7 approved, the material produced after the change will be evaluated on the basis of  
8 the new JMF for the remaining sublots in the current lot and for acceptance of  
9 subsequent lots. For a lot in progress with a CPF less than 0.75, a new lot will begin  
10 at the Contractor's request after the Engineer is satisfied that material conforming to  
11 the Specifications can be produced.

12  
13 Sampling and testing for evaluation shall be performed on the frequency of one  
14 sample per subplot.

### 15 16 **5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling**

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

22  
23 Sampling and testing HMA in a Structural application where quantities are less than  
24 400 tons is at the discretion of the Engineer.

25  
26 For HMA used in a structural application and with a total project quantity less than  
27 800 tons but more than 400 tons, a minimum of one acceptance test shall be  
28 performed. In all cases, a minimum of 3 samples will be obtained at the point of  
29 acceptance, a minimum of one of the three samples will be tested for conformance to  
30 the JMF:

- 31  
32
- 33 • If the test results are found to be within specification requirements, additional  
34 testing will be at the Engineer's discretion.
  - 35 • If test results are found not to be within specification requirements, additional  
36 testing of the remaining samples to determine a Composite Pay Factor (CPF)  
37 shall be performed.

### 38 **5-04.3(9)C3 Mixture Nonstatistical Evaluation – Acceptance Testing**

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



## SPECIAL PROVISIONS



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

3  
4 Testing for compliance of gradation will be by FOP for WAQTC T 27/T 11.

### 5 6 **5-04.3(9)C4 Mixture Nonstatistical Evaluation – Pay Factors**

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

10

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

11  
12 Each lot of HMA produced under Nonstatistical Evaluation and having all  
13 constituents falling within the tolerance limits of the job mix formula shall be  
14 accepted at the unit Contract price with no further evaluation. When one or more  
15 constituents fall outside the nonstatistical tolerance limits in the Job Mix Formula  
16 shown in Table of Price Adjustment Factors, the lot shall be evaluated in accordance  
17 with Section 1-06.2 to determine the appropriate CPF. The nonstatistical tolerance  
18 limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00.  
19 When less than three sublots exist, backup samples of the existing sublots or samples  
20 from the Roadway shall be tested to provide a minimum of three sets of results for  
21 evaluation.

### 22 23 **5-04.3(9)C5 Vacant**

### 24 25 **5-04.3(9)C6 Mixture Nonstatistical Evaluation – Price Adjustments**

26 For each lot of HMA mix produced under Nonstatistical Evaluation when the  
27 calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be  
28 determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied  
29 by 60 percent. The total job mix compliance price adjustment will be calculated as

## SPECIAL PROVISIONS



1 the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract  
2 price per ton of mix.

3  
4 If a constituent is not measured in accordance with these Specifications,  
5 its individual pay factor will be considered 1.00 in calculating the Composite  
6 Pay Factor (CPF).

### 7 8 **5-04.3(9)C7 Mixture Nonstatistical Evaluation - Retests**

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

### 18 19 **5-04.3 (9)D Mixture Acceptance – Commercial Evaluation**

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

29  
30 For each lot of HMA mix produced and tested under Commercial Evaluation when  
31 the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be  
32 determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied  
33 by 60 percent. The Job Mix Compliance Price Adjustment will be calculated as the  
34 product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract  
35 price per ton of mix.

36  
37 If a constituent is not measured in accordance with these Specifications,  
38 its individual pay factor will be considered 1.00 in calculating the Composite  
39 Pay Factor (CPF).

## SPECIAL PROVISIONS



### 1 5-04.3(10) HMA Compaction Acceptance

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

14  
15 Tests for the determination of the pavement density will be taken in accordance with  
16 the required procedures for measurement by a nuclear density gauge or roadway  
17 cores after completion of the finish rolling.

18  
19 If the Contracting Agency uses a nuclear density gauge to determine density the test  
20 procedures FOP for WAQTC TM 8 and WSDOT SOP T 729 will be used on the day the  
21 mix is placed and prior to opening to traffic.

22  
23 Roadway cores for density may be obtained by either the Contracting Agency or the  
24 Contractor in accordance with WSDOT SOP 734. The core diameter shall be 4-inches  
25 minimum, unless otherwise approved by the Engineer. Roadway cores will be tested  
26 by the Contracting Agency in accordance with WSDOT FOP for AASHTO T 166.

27  
28 If the Contract includes the Bid item "Roadway Core" the cores shall be obtained by  
29 the Contractor in the presence of the Engineer on the same day the mix is placed and  
30 at locations designated by the Engineer. If the Contract does not include the Bid item  
31 "Roadway Core" the Contracting Agency will obtain the cores.

32  
33 For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's  
34 request after the Engineer is satisfied that material conforming to the Specifications  
35 can be produced.

36  
37 HMA mixture accepted by commercial evaluation and HMA constructed under  
38 conditions other than those listed above shall be compacted on the basis of a test  
39 point evaluation of the compaction train. The test point evaluation shall be  
40 performed in accordance with instructions from the Engineer. The number of passes  
41 with an approved compaction train, required to attain the maximum test point  
42 density, shall be used on all subsequent paving.

## SPECIAL PROVISIONS



1  
2 HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling  
3 wheel rutting shall be compacted with a pneumatic tire roller unless otherwise  
4 approved by the Engineer.

### 5 6 **Test Results**

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

14  
15 When cores are taken by the Contracting Agency at the request of the Contractor,  
16 they shall be requested by noon of the next workday after the test results for the  
17 subplot have been provided or made available to the Contractor. Core locations shall  
18 be outside of wheel paths and as determined by the Engineer. Traffic control shall be  
19 provided by the Contractor as requested by the Engineer. Failure by the Contractor  
20 to provide the requested traffic control will result in forfeiture of the request for  
21 cores. When the CPF for the lot based on the results of the HMA cores is less than  
22 1.00, the cost for the coring will be deducted from any monies due or that may  
23 become due the Contractor under the Contract at the rate of \$200 per core and the  
24 Contractor shall pay for the cost of the traffic control.

### 25 26 **5-04.3(10)A HMA Compaction – General Compaction Requirements**

27 Compaction shall take place when the mixture is in the proper condition so that no  
28 undue displacement, cracking, or shoving occurs. Areas inaccessible to large  
29 compaction equipment shall be compacted by other mechanical means. Any HMA  
30 that becomes loose, broken, contaminated, shows an excess or deficiency of asphalt,  
31 or is in any way defective, shall be removed and replaced with new hot mix that shall  
32 be immediately compacted to conform to the surrounding area.

33  
34 The type of rollers to be used and their relative position in the compaction sequence  
35 shall generally be the Contractor's option, provided the specified densities are  
36 attained. Unless the Engineer has approved otherwise, rollers shall only be operated  
37 in the static mode when the internal temperature of the mix is less than 175°F.  
38 Regardless of mix temperature, a roller shall not be operated in a mode that results  
39 in checking or cracking of the mat. Rollers shall only be operated in static mode on  
40 bridge decks.

# SPECIAL PROVISIONS



1 **5-04.3(10)B HMA Compaction – Cyclic Density**

2 Low cyclic density areas are defined as spots or streaks in the pavement that are less  
3 than 90 percent of the theoretical maximum density. At the Engineer’s discretion, the  
4 Engineer may evaluate the HMA pavement for low cyclic density, and when doing so  
5 will follow WSDOT SOP 733. A \$500 Cyclic Density Price Adjustment will be  
6 assessed for any 500-foot section with two or more density readings below 90  
7 percent of the theoretical maximum density.

8  
9 **5-04.3(10)C Vacant**

10  
11 **5-04.3(10)D HMA Nonstatistical Compaction**

12  
13 **5-04.3(10)D1 HMA Nonstatistical Compaction – Lots and Sublots**

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

17  
18 A lot is represented by randomly selected samples of the same mix design that will  
19 be tested for acceptance. A lot is defined as the total quantity of material or work  
20 produced for each Job Mix Formula placed. Only one lot per JMF is expected. A subplot  
21 shall be equal to one day’s production or 400 tons, whichever is less except that the  
22 final subplot will be a minimum of 200 tons and may be increased to 800 tons. Testing  
23 for compaction will be at the rate of 5 tests per subplot per WSDOT T 738.

24  
25 The subplot locations within each density lot will be determined by the Engineer. For  
26 a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor’s  
27 request after the Engineer is satisfied that material conforming to the Specifications  
28 can be produced.

29  
30 HMA mixture accepted by commercial evaluation and HMA constructed under  
31 conditions other than those listed above shall be compacted on the basis of a test  
32 point evaluation of the compaction train. The test point evaluation shall be  
33 performed in accordance with instructions from the Engineer. The number of passes  
34 with an approved compaction train, required to attain the maximum test point  
35 density, shall be used on all subsequent paving.

36  
37 HMA for preleveling shall be thoroughly compacted. HMA that is used to prelevel  
38 wheel ruts shall be compacted with a pneumatic tire roller unless otherwise  
39 approved by the Engineer.

## SPECIAL PROVISIONS



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

The location of the HMA compaction acceptance tests will be randomly selected by the Engineer from within each subplot, with one test per subplot.

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

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

For compaction below the required 92% a Non-Conforming Compaction Factor (NCCF) will be determined. The NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of CPF, the quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of mix.

### 5-04.3(11) Reject Work

#### 5-04.3(11)A Reject Work General

Work that is defective or does not conform to Contract requirements shall be rejected. The Contractor may propose, in writing, alternatives to removal and replacement of rejected material. Acceptability of such alternative proposals will be determined at the sole discretion of the Engineer. HMA that has been rejected is subject to the requirements in Section 1-06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to the Engineer for approval.

#### 5-04.3(11)B Rejection by Contractor

The Contractor may, prior to sampling, elect to remove any defective material and replace it with new material. Any such new material will be sampled, tested, and evaluated for acceptance.

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

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

## SPECIAL PROVISIONS



1  
2 No payment will be made for the rejected materials or the removal of the materials  
3 unless the Contractor requests that the rejected material be tested. If the Contractor  
4 elects to have the rejected material tested, a minimum of three representative  
5 samples will be obtained and tested. Acceptance of rejected material will be based on  
6 conformance with the nonstatistical acceptance Specification. If the CPF for the  
7 rejected material is less than 0.75, no payment will be made for the rejected  
8 material; in addition, the cost of sampling and testing shall be borne by the  
9 Contractor. If the CPF is greater than or equal to 0.75, the cost of sampling and  
10 testing will be borne by the Contracting Agency. If the material is rejected before  
11 placement and the CPF is greater than or equal to 0.75, compensation for the  
12 rejected material will be at a CPF of 0.75. If rejection occurs after placement and the  
13 CPF is greater than or equal to 0.75, compensation for the rejected material will be at  
14 the calculated CPF with an addition of 25 percent of the unit Contract price added for  
15 the cost of removal and disposal.

### 16 17 **5-04.3(11)D Rejection - A Partial Sublot**

18 In addition to the random acceptance sampling and testing, the Engineer may also  
19 isolate from a normal sublot any material that is suspected of being defective in  
20 relative density, gradation or asphalt binder content. Such isolated material will not  
21 include an original sample location. A minimum of three random samples of the  
22 suspect material will be obtained and tested. The material will then be statistically  
23 evaluated as an independent lot in accordance with Section 1-06.2(2).

### 24 25 **5-04.3(11)E Rejection - An Entire Sublot**

26 An entire sublot that is suspected of being defective may be rejected. When a sublot  
27 is rejected a minimum of two additional random samples from this sublot will be  
28 obtained. These additional samples and the original sublot will be evaluated as an  
29 independent lot in accordance with Section 1-06.2(2).

### 30 31 **5-04.3(11)F Rejection - A Lot in Progress**

32 The Contractor shall shut down operations and shall not resume HMA placement  
33 until such time as the Engineer is satisfied that material conforming to the  
34 Specifications can be produced:

- 35
- 36 1. When the Composite Pay Factor (CPF) of a lot in progress drops below 1.00  
37 and the Contractor is taking no corrective action, or
  - 38 2. When the Pay Factor (PF) for any constituent of a lot in progress drops below  
39 0.95 and the Contractor is taking no corrective action, or
  - 40 3. When either the PFi for any constituent or the CPF of a lot in progress is less  
41 than 0.75.
- 42

## SPECIAL PROVISIONS



### 1 **5-04.3(11)G Rejection - An Entire Lot (Mixture or Compaction)**

2 An entire lot with a CPF of less than 0.75 will be rejected.

### 3 4 **5-04.3(12) Joints**

#### 5 6 **5-04.3(12)A HMA Joints**

##### 7 8 **5-04.3(12)A1 Transverse Joints**

9 The Contractor shall conduct operations such that the placing of the top or wearing  
10 course is a continuous operation or as close to continuous as possible. Unscheduled  
11 transverse joints will be allowed and the roller may pass over the unprotected end of  
12 the freshly laid mixture only when the placement of the course must be discontinued  
13 for such a length of time that the mixture will cool below compaction temperature.  
14 When the Work is resumed, the previously compacted mixture shall be cut back to  
15 produce a slightly beveled edge for the full thickness of the course.

16  
17 A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a  
18 transverse joint as a result of paving or planing is open to traffic. The HMA in the  
19 temporary wedge shall be separated from the permanent HMA by strips of heavy  
20 wrapping paper or other methods approved by the Engineer. The wrapping paper  
21 shall be removed and the joint trimmed to a slightly beveled edge for the full  
22 thickness of the course prior to resumption of paving.

23  
24 The material that is cut away shall be wasted and new mix shall be laid against the  
25 cut. Rollers or tamping irons shall be used to seal the joint.

##### 26 27 **5-04.3(12)A2 Longitudinal Joints**

28 The longitudinal joint in any one course shall be offset from the course immediately  
29 below by not more than 6 inches nor less than 2 inches. All longitudinal joints  
30 constructed in the wearing course shall be located at a lane line or an edge line of the  
31 Traveled Way. A notched wedge joint shall be constructed along all longitudinal  
32 joints in the wearing surface of new HMA unless otherwise approved by the  
33 Engineer. The notched wedge joint shall have a vertical edge of not less than the  
34 maximum aggregate size or more than  $\frac{1}{2}$  of the compacted lift thickness and then  
35 taper down on a slope not steeper than 4H:1V. The sloped portion of the HMA  
36 notched wedge joint shall be uniformly compacted.

##### 37 38 **5-04.3(12)B Bridge Paving Joint Seals**

##### 39 40 **5-04.3(12)B1 HMA Sawcut and Seal**

41 Prior to placing HMA on the bridge deck, establish sawcut alignment points at both  
42 ends of the bridge paving joint seals to be placed at the bridge ends, and at interior



## SPECIAL PROVISIONS



1 joints within the bridge deck when and where shown in the Plans. Establish the  
2 sawcut alignment points in a manner that they remain functional for use in aligning  
3 the sawcut after placing the overlay.

4  
5 Submit a Type 1 Working Drawing consisting of the sealant manufacturer's  
6 application procedure.

7  
8 Construct the bridge paving joint seal as specified ion the Plans and in accordance  
9 with the detail shown in the Standard Plans. Construct the sawcut in accordance with  
10 the detail shown in the Standard Plan. Construct the sawcut in accordance with  
11 Section 5-05.3(8)B and the manufacturer's application procedure.

### 12 13 **5-04.3(12)B2 Paved Panel Joint Seal**

14 Construct the paved panel joint seal in accordance with the requirements specified in  
15 section 5-04.3(12)B1 and the following requirement:

- 16  
17 1. Clean and seal the existing joint between concrete panels in accordance with  
18 Section 5-01.3(8) and the details shown in the Standard Plans.

### 19 20 **5-04.3(13) Surface Smoothness**

21 The completed surface of all courses shall be of uniform texture, smooth, uniform as  
22 to crown and grade, and free from defects of all kinds. The completed surface of the  
23 wearing course shall not vary more than  $\frac{1}{8}$  inch from the lower edge of a 10-foot  
24 straightedge placed on the surface parallel to the centerline. The transverse slope of  
25 the completed surface of the wearing course shall vary not more than  $\frac{1}{4}$  inch in 10  
26 feet from the rate of transverse slope shown in the Plans.

27  
28 When deviations in excess of the above tolerances are found that result from a high  
29 place in the HMA, the pavement surface shall be corrected by one of the  
30 following methods:

- 31  
32 1. Removal of material from high places by grinding with an approved grinding  
33 machine, or  
34 2. Removal and replacement of the wearing course of HMA, or  
35 3. By other method approved by the Engineer.

36  
37 Correction of defects shall be carried out until there are no deviations anywhere  
38 greater than the allowable tolerances.

## SPECIAL PROVISIONS



1 Deviations in excess of the above tolerances that result from a low place in the HMA  
2 and deviations resulting from a high place where corrective action, in the opinion of  
3 the Engineer, will not produce satisfactory results will be accepted with a price  
4 adjustment. The Engineer shall deduct from monies due or that may become due to  
5 the Contractor the sum of \$500.00 for each and every section of single traffic  
6 lane 100 feet in length in which any excessive deviations described above are found.

7  
8 When utility appurtenances such as manhole covers and valve boxes are located in  
9 the traveled way, the utility appurtenances shall be adjusted to the finished grade  
10 prior to paving. This requirement may be waived when requested by the Contractor,  
11 at the discretion of the Engineer or when the adjustment details provided in the  
12 project plan or specifications call for utility appurtenance adjustments after the  
13 completion of paving.

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

### 18 19 **5-04.3(14) Planing (Milling) Bituminous Pavement**

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

23  
24 Locations of existing surfacing to be planed are as shown in the Drawings.

25  
26 Where planing an existing pavement is specified in the Contract, the Contractor must  
27 remove existing surfacing material and to reshape the surface to remove  
28 irregularities. The finished product must be a prepared surface acceptable for  
29 receiving an HMA overlay.

30  
31 Use the cold milling method for planing unless otherwise specified in the Contract.  
32 Do not use the planer on the final wearing course of new HMA.

33  
34 Conduct planing operations in a manner that does not tear, break, burn, or otherwise  
35 damage the surface which is to remain. The finished planed surface must be slightly  
36 grooved or roughened and must be free from gouges, deep grooves, ridges, or other  
37 imperfections. The Contractor must repair any damage to the surface by the  
38 Contractor's planing equipment, using an Engineer approved method.

39  
40 Repair or replace any metal castings and other surface improvements damaged by  
41 planing, as determined by the Engineer.

## SPECIAL PROVISIONS



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

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

After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract, patched and preleveled.

The Engineer may direct additional depth planing. Before performing this additional depth planing, the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-04.3(14)A.

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

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

Should such metal be identified, promptly notify the Engineer.

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

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

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

#### **5-04.3(14)B1 General**

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

1. Intersections:

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1 a. Keep intersections open to traffic at all times, except when paving or  
2 planing operations through an intersection requires closure. Such closure  
3 must be kept to the minimum time required to place and compact the HMA  
4 mixture, or plane as appropriate. For paving, schedule such closure to  
5 individual lanes or portions thereof that allows the traffic volumes and  
6 schedule of traffic volumes required in the approved traffic control plan.  
7 Schedule work so that adjacent intersections are not impacted at the same  
8 time and comply with the traffic control restrictions required by the Traffic  
9 Engineer. Each individual intersection closure or partial closure, must be  
10 addressed in the traffic control plan, which must be submitted to and accepted  
11 by the Engineer, see Section 1-10.2(2).

12 b. When planing or paving and related construction must occur in an  
13 intersection, consider scheduling and sequencing such work into quarters of  
14 the intersection, or half or more of an intersection with side street detours. Be  
15 prepared to sequence the work to individual lanes or portions thereof.

16 c. Should closure of the intersection in its entirety be necessary, and no trolley  
17 service is impacted, keep such closure to the minimum time required to place  
18 and compact the HMA mixture, plane, remove asphalt, tack coat, and as  
19 needed.

20 d. Any work in an intersection requires advance warning in both signage and  
21 a number of Working Days advance notice as determined by the Engineer, to  
22 alert traffic and emergency services of the intersection closure or partial  
23 closure.

24 e. Allow new compacted HMA asphalt to cool to ambient temperature before  
25 any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until  
26 approval has been obtained from the Engineer.

27 2. Temporary centerline marking, post-paving temporary marking, temporary  
28 stop bars, and maintaining temporary pavement marking must comply with  
29 Section 8-23.

30 3. Permanent pavement marking must comply with Section 8-22.

### 31 32 **5-04.3(14)B2 Submittals – Planing Plan and HMA Paving Plan**

33 The Contractor must submit a separate planing plan and a separate paving plan to  
34 the Engineer at least 5 Working Days in advance of each operation's activity start  
35 date. These plans must show how the moving operation and traffic control are  
36 coordinated, as they will be discussed at the pre-planing briefing and pre-paving  
37 briefing. When requested by the Engineer, the Contractor must provide each  
38 operation's traffic control plan on 24 x 36 inch or larger size Shop Drawings with a  
39 scale showing both the area of operation and sufficient detail of traffic beyond the  
40 area of operation where detour traffic may be required. The scale on the Shop  
41 Drawings is 1 inch = 20 feet, which may be changed if the Engineer agrees sufficient  
42 detail is shown.

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

5  
6 When intersections will be partially or totally blocked, provide adequately sized and  
7 noticeable signage alerting traffic of closures to come, a minimum 2 Working Days in  
8 advance. The traffic control plan must show where police officers will be stationed  
9 when signalization is or may be, countermanded, and show areas where flaggers are  
10 proposed.

11  
12 At a minimum, the planing and the paving plan must include:

- 13  
14 1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each  
15 day's traffic control as it relates to the specific requirements of that day's  
16 planing and paving. Briefly describe the sequencing of traffic control consistent  
17 with the proposed planing and paving sequence, and scheduling of placement  
18 of temporary pavement markings and channelizing devices after each day's  
19 planing, and paving.
- 20 2. A copy of each intersection's traffic control plan.
- 21 3. Haul routes from Supplier facilities, and locations of temporary parking and  
22 staging areas, including return routes. Describe the complete round trip as it  
23 relates to the sequencing of paving operations.
- 24 4. Names and locations of HMA Supplier facilities to be used.
- 25 5. List of all equipment to be used for paving.
- 26 6. List of personnel and associated job classification assigned to each piece of  
27 paving equipment.
- 28 7. Description (geometric or narrative) of the scheduled sequence of planing and  
29 of paving, and intended area of planing and of paving for each day's work, must  
30 include the directions of proposed planing and of proposed paving, sequence  
31 of adjacent lane paving, sequence of skipped lane paving, intersection planing  
32 and paving scheduling and sequencing, and proposed notifications and  
33 coordinations to be timely made. The plan must show HMA joints relative to  
34 the final pavement marking lane lines.
- 35 8. Names, job titles, and contact information for field, office, and plant supervisory  
36 personnel.
- 37 9. A copy of the approved Mix Designs.
- 38 10. Tonnage of HMA to be placed each day.
- 39 11. Approximate times and days for starting and ending daily operations.
- 40

## SPECIAL PROVISIONS



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

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

1. General for both Paving Plan and for Planing Plan:
  - a. The actual times of starting and ending daily operations.
  - b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
  - c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other contractors who may operate in the Project Site.
  - d. Notifications required of Contractor activities, and coordinating with other entities and the public as necessary.
  - e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
  - f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed
  - g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, street car rail, and castings, before planning, see Section 5-04.3(14)B2.
  - h. Description of how flaggers will be coordinated with the planing, paving, and related operations.
  - i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
  - j. Other items the Engineer deems necessary to address.
2. Paving – additional topics:
  - a. When to start applying tack and coordinating with paving.
  - b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing

## SPECIAL PROVISIONS



1 of the personnel operating the types of equipment. Discuss the continuance  
2 of operator personnel for each type equipment as it relates to meeting  
3 Specification requirements.

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

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

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

### 13 14 **5-04.3(15) Sealing Pavement Surfaces**

15 Apply a fog seal where shown in the plans. Construct the fog seal in accordance with  
16 Section 5-02.3. Unless otherwise approved by the Engineer, apply the fog seal prior  
17 to opening to traffic.

### 18 19 **5-04.3(16) HMA Road Approaches**

20 HMA approaches shall be constructed at the locations shown in the Plans or where  
21 staked by the Engineer. The Work shall be performed in accordance with Section 5-  
22 04.

### 23 24 **5-04.3(17) Fiber Reinforcement**

25 Fiber reinforcement shall be added to the asphalt concrete pavement (ACP) according  
26 to the manufacturer's recommendation.

### 27 28 **5-04.3(17)A Materials**

29 Fiber reinforcement shall be FORTA-FI HMA blend manufactured by:

- 30 • Manufacturer:  
31 FORTA Corporation  
32 100 N. Forta Drive  
33 Grove City, PA 16127  
34 (800) 245-0306  
35 www.forta-fi.com
- 36  
37 • Technical Contact:  
38 Mike Hass  
39 Pacific Geosource  
40 10779 SW Manhasset Dr

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1 Tualatin, OR 97062  
2 (503) 214-0376  
3 mhass@pacificgeosource.com

### 4 **5-04.3(17)B Job Mix Formula Requirements**

5 Design asphalt mix without fiber and do not alter the final mix design for the addition  
6 of fiber at the plant.

7

### 8 **5-04.3(17)C Fiber Storage, Mixing, and Mix Production**

9 Store, mix and produce the fiber reinforced ACP mixture in accordance with the  
10 following requirements:

- 11 1. Deliver fiber-reinforcement in sealed, undamaged containers with labels intact  
12 and legible, indicating material name and lot number.
- 13 2. Deliver fiber-reinforcement to location where it will be added to each batch or  
14 loaded into the mixer.
- 15 3. Store materials covered and off the ground. Keep sand and dust out of boxes  
16 and do not allow boxes to become wet.
- 17 4. Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1)  
18 pound fiber per one (1) ton of asphalt. Non-aramid fiber blends, aramid fiber  
19 blends with dosages less than 1 pound per ton, or fiber ton equivalents will not  
20 be accepted.
- 21 5. Have a fiber manufacturer's representative on site during mixing and  
22 production. This requirement can be waived if fiber manufacturer and asphalt  
23 producer can supply evidence of manufacturer's brand of fiber being  
24 successfully produced a minimum of three times at the asphalt plant to be used  
25 for the project.
- 26 6. Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh  
27 hopper and increase both dry and wet mixing times. Ensure that the fiber is  
28 uniformly distributed before the injection of asphalt cement into the mixture.
- 29 7. Drum Plant:
  - 30 a. Inject fibers through the RAP collar manually or by feeding them with a  
31 metered air blown system to promote rapid and complete fiber  
32 dispersion. Rate the feeding of fibers with the rate the plant is producing  
33 asphalt mix. If there is any evidence of fiber bundles at the discharge  
34 chute, increase the mixing time and/or temperature or change the angle  
35 of the fiber feeder line to increase dry mixing time.
  - 36 b. Add fibers continuously and in a steady uniform manner. Provide  
37 automated proportioning devices and control delivery within  $\pm 10\%$  of  
38 the mass of the fibers required. Perform an equipment calibration to the  
39 satisfaction of the fiber manufacturer's representative to show that the  
40 fiber is being accurately metered and uniformly distributed into the mix.  
41 Include the following with the air blown system:
    - 42 i. Low level indicators



## SPECIAL PROVISIONS



- 1                   ii. No-flow indicators
- 2                   iii. A printout of feed rate status in pounds/minute
- 3                   iv. A section of transparent pipe in the fiber supply line for
- 4                   observing consistency of flow or feed.
- 5                   v. Manufacturer's representative's approval of fiber addition
- 6                   system

### 5-04.3(17)D Quality Control

9 Evaluate fiber mix dispersion visually according to the following:

- 10           1. Aramid Dispersion Visual Test: Collect a 10kg sample of mix from the discharge
- 11           chute during first 50 tons of production. Visually assess the state of aramid
- 12           fibers in the sample as "Pass" or "Fail" as described below.
- 13           a. "Pass" = All fibers exist in an Individual State and no Undistributed Clips
- 14           or Agitated Bundles of fiber are detected.
- 15           b. "Fail" = One or more Undistributed Clips or Agitated Bundles are
- 16           detected.
- 17           2. If a sample is rated as "Fail", adjust mixing operations to improve fiber
- 18           dispersion and repeat Step 1 above.
- 19           3. If Visual Test results in three consecutive "Fail" ratings, contact the fiber
- 20           manufacturer for corrective measures.
- 21           4. In addition to Visual Test, use a shovel to inspect FRAC mix in the back of first
- 22           three trucks and every tenth truck thereafter to confirm adequate blending of
- 23           the fiber.
- 24           5. Remove any observed fiber bundles from placed mixture and adjust operations
- 25           per the manufacturer's recommendation to eliminate future fiber bundle
- 26           development and repeat Steps 1 through 3 above to confirm adequate aramid
- 27           fiber dispersion.

### 5-04.4 Measurement

30 HMA Cl. \_\_\_ PG \_\_\_, HMA for \_\_\_ Cl. \_\_\_ PG \_\_\_, and Commercial HMA will be measured  
31 by the ton in accordance with Section 1-09.2, with no deduction being made for the  
32 weight of asphalt binder, mineral filler, or any other component of the mixture. If the  
33 Contractor elects to remove and replace mix as allowed by Section 5-04.3(11), the  
34 material removed will not be measured.

36 Roadway cores will be measured per each for the number of cores taken.

38 Preparation of untreated roadway will be measured by the mile once along the  
39 centerline of the main line Roadway. No additional measurement will be made for  
40 ramps, Auxiliary Lanes, service roads, Frontage Roads, or Shoulders. Measurement  
41 will be to the nearest 0.01 mile.

## SPECIAL PROVISIONS



1 Soil residual herbicide will be measured by the mile for the stated width to the  
2 nearest 0.01 mile or by the square yard, whichever is designated in the Proposal.

3  
4 Pavement repair excavation will be measured by the square yard of surface marked  
5 prior to excavation.

6  
7 Asphalt for prime coat will be measured by the ton in accordance with Section 1-  
8 09.2.

9  
10 Prime coat aggregate will be measured by the cubic yard, truck measure, or by the  
11 ton, whichever is designated in the Proposal.

12  
13 Asphalt for fog seal will be measured by the ton, as provided in Section 5-02.4.

14  
15 Longitudinal joint seals between the HMA and cement concrete pavement will be  
16 measured by the linear foot along the line and slope of the completed joint seal.

17  
18 Planing bituminous pavement will be measured by the square yard.

19  
20 Temporary pavement marking will be measured by the linear foot as provided in  
21 Section 8-23.4.

22  
23 Water will be measured by the M gallon as provided in Section 2-07.4.

### 24 25 **5-04.5 Payment**

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

28  
29 "HMA Cl. \_\_\_ PG \_\_\_", per ton.

30  
31 "HMA for Approach Cl. \_\_\_ PG \_\_\_", per ton.

32  
33 "HMA for Preleveling Cl. \_\_\_ PG \_\_\_", per ton.

34  
35 "HMA for Pavement Repair Cl. \_\_\_ PG \_\_\_", per ton.

36  
37 "Commercial HMA", per ton.

38

## SPECIAL PROVISIONS



1 The unit Contract price per ton for “HMA Cl. \_\_ PG \_\_”, “HMA for Approach Cl. \_\_ PG  
2 \_\_”, “HMA for Preleveling Cl. \_\_ PG \_\_”, “HMA for Pavement Repair Cl. \_\_ PG \_\_”, and  
3 “Commercial HMA” shall be full compensation for all costs, including anti-stripping  
4 and fiber reinforcement additives, incurred to carry out the requirements of Section  
5 5-04 except for those costs included in other items which are included in this  
6 Subsection and which are included in the Proposal.

7  
8 “Preparation of Untreated Roadway”, per mile.

9  
10 The unit Contract price per mile for “Preparation of Untreated Roadway” shall be full  
11 pay for all Work described under 5-04.3(4) , with the exception, however, that all  
12 costs involved in patching the Roadway prior to placement of HMA shall be included  
13 in the unit Contract price per ton for “HMA Cl. \_\_ PG \_\_” which was used for  
14 patching. If the Proposal does not include a Bid item for “Preparation of Untreated  
15 Roadway”, the Roadway shall be prepared as specified, but the Work shall be  
16 included in the Contract prices of the other items of Work.

17  
18 “Preparation of Existing Paved Surfaces”, per mile.

19  
20 The unit Contract Price for “Preparation of Existing Paved Surfaces” shall be full pay  
21 for all Work described under Section 5-04.3(4) with the exception, however, that all  
22 costs involved in patching the Roadway prior to placement of HMA shall be included  
23 in the unit Contract price per ton for “HMA Cl. \_\_ PG \_\_” which was used for  
24 patching. If the Proposal does not include a Bid item for “Preparation of Untreated  
25 Roadway”, the Roadway shall be prepared as specified, but the Work shall be  
26 included in the Contract prices of the other items of Work.

27  
28 “Crack Sealing”, by force account.

29  
30 “Crack Sealing” will be paid for by force account as specified in Section 1-09.6. For  
31 the purpose of providing a common Proposal for all Bidders, the Contracting Agency  
32 has entered an amount in the Proposal to become a part of the total Bid by the  
33 Contractor.

34  
35 “Pavement Repair Excavation Incl. Haul”, per square yard.

36  
37 The unit Contract price per square yard for “Pavement Repair Excavation Incl. Haul”  
38 shall be full payment for all costs incurred to perform the Work described in Section  
39 5-04.3(4) with the exception, however, that all costs involved in the placement of  
40 HMA shall be included in the unit Contract price per ton for “HMA for Pavement  
41 Repair Cl. \_\_ PG \_\_”, per ton.

## SPECIAL PROVISIONS



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“Asphalt for Prime Coat”, per ton.

The unit Contract price per ton for “Asphalt for Prime Coat” shall be full payment for all costs incurred to obtain, provide and install the material in accordance with Section 5-04.3(4).

“Prime Coat Agg.”, per cubic yard, or per ton.

The unit Contract price per cubic yard or per ton for “Prime Coat Agg.” shall be full pay for furnishing, loading, and hauling aggregate to the place of deposit and spreading the aggregate in the quantities required by the Engineer.

“Asphalt for Fog Seal”, per ton.

Payment for “Asphalt for Fog Seal” is described in Section 5-02.5.

“Longitudinal Joint Seal”, per linear foot.

The unit Contract price per linear foot for “Longitudinal Joint Seal” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(12).

“Planing Bituminous Pavement”, per square yard.

The unit Contract price per square yard for “Planing Bituminous Pavement” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(14).

“Temporary Pavement Marking”, per linear foot.

Payment for “Temporary Pavement Marking” is described in Section 8-23.5.

“Water”, per M gallon.

Payment for “Water” is described in Section 2-07.5.

“Job Mix Compliance Price Adjustment”, by calculation.

## SPECIAL PROVISIONS



1 "Job Mix Compliance Price Adjustment" will be calculated and paid for as described  
2 in Section 5-04.3(9)C6.

3  
4 "Compaction Price Adjustment", by calculation.

5  
6 "Compaction Price Adjustment" will be calculated and paid for as described in  
7 Section 5-04..3(10)D3.

8  
9 "Roadway Core", per each.

10  
11 The Contractor's costs for all other Work associated with the coring (e.g., traffic  
12 control) shall be incidental and included within the unit Bid price per each and no  
13 additional payments will be made.

14  
15 "Cyclic Density Price Adjustment", by calculation.

16  
17 "Cyclic Density Price Adjustment" will be calculated and paid for as described in  
18 Section 5-04.3(10)B.

19  
20  
21 **END DIVISION 5**  
22  
23

# SPECIAL PROVISIONS



## DIVISION 7 DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATERMANS, AND CONDUITS

### 7-04 Storm Sewers

#### 7-04.5 Payment

(\*\*\*\*\*)

SUPPLEMENT this Section 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 furnishing, hauling, and assembling in place the completed installation including structural excavation, shoring, bedding, backfilling and backfill material, dewatering of the trench and proper disposal of water; and adjustment of inverts to manholes for the completion of the installation to the required lines and grades.

### 7-05 Manholes, Inlets, Catch Basins, and Drywells

#### 7-05.2 Materials

*(April 2016 KENMORE GSP)*

SUPPLEMENT this Section with the following:

Grate covers shall be per the standard details unless otherwise noted on the plans.

All lettering on grates shall replace “King County” with “City of Kenmore” or “Kenmore” as space allows.

#### 7-05.3(5) Connection to Drainage Structures

*(December 2016 KENMORE GSP)*

NEW Section:

Where shown on the Plans, the Contractor shall connect new drainage structures to existing storm sewer pipes and new storm sewer pipes to existing drainage structures or existing sewer pipes. Care shall be taken in cutting the existing pipe or structure. Existing pipe shall be cut neat and clean at a distance of 1.5 pipe diameters (or a minimum of 18 inches) from the edge of the new drainage structure. The connection shall be made by carefully cutting or removing the existing pipe and installing a new section of pipe from the existing pipe into the new drainage structure. Where new pipe is connected to existing pipe, the Contractor shall verify the type of existing pipe and join the pipes with a pipe adapter specifically manufactured for joining the pipes

## SPECIAL PROVISIONS



1 involved or as directed by the Engineer. The new section of pipe shall be the same size  
2 and material as the existing pipe, or an approved substitution. Connections, grouting,  
3 backfilling, and all other work necessary to make the connection shall conform to  
4 appropriate provisions of Section 7-05.3.

5  
6 Connections to existing drainage structures shall be per 7-05.3(3).

7  
8 The Contractor shall verify invert elevations prior to construction. Bypasses for  
9 existing storm sewers shall be in place prior to connections being made. The existing  
10 storm sewer shall be kept in operation at all times and the Contractor shall take  
11 precautions to protect the existing storm sewer and shall not allow any construction  
12 materials/debris to enter into the existing storm system. Water used for flushing and  
13 testing or cleaning shall not enter into the existing system.

14  
15 All damage done to the existing storm sewer resulting from the Contractor's operation  
16 shall be repaired at no expense to the Contracting Agency.

17  
18 (\*\*\*\*\*)

19  
20 SUPPLEMENT this section with the following.

21  
22 Drainage structures shall be constructed per the 2016 King County Road Design and  
23 Construction Standards unless otherwise noted.

### 24 **7-05.5 Payment**

25  
26 (\*\*\*\*\*)

27  
28 SUPPLEMENT the first paragraph of this Section with the following:

29  
30 The unit contract price per each drainage structure of the kind and size specified shall  
31 include any labor, materials and equipment required for bedding, backfilling, and  
32 dewatering of the excavation and proper disposal of the water.

33  
34  
35 **END DIVISION 7**

# SPECIAL PROVISIONS



## DIVISION 8 MISCELLANEOUS CONSTRUCTION

### 8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

#### 8-01.3 Construction Requirements

##### 8-01.3(1) General

*(January 2022 KENMORE GSP)*

SUPPLEMENT this Section with the following:

The Contractor shall bear sole responsibility for damage to completed portions of the project and to property located off the project caused by erosion, siltation, runoff, or other related items resulting from the Contractor's actions. The Contractor shall also bear sole responsibility for any pollution of rivers, streams, groundwater, or other water which may occur as a result of construction operations. The Contractor shall be responsible for damage and clean-up of any sedimentation or pollution caused by the Contractor's operations or actions.

If the Contractor does not meet the Engineer's requirements, the Engineer may (without further notice) provide the necessary erosion and/or water pollution control and deduct all of the costs thereof from any payments due or coming due the Contractor.

No additional sediment shall be allowed to accumulate within a catch basin that is connected to the City's or a private party's storm drainage system. If cleaning during construction is needed, the cleaning operation shall not flush sediment-laden water into the downstream storm system including streams, creeks, lakes, and ditches. The cleaning shall be conducted using an approved vacuum truck capable of jet rodding the lines. The collection and disposal of the sediment shall be the responsibility of the Contractor at no cost to the City.

##### 8-01.3(1)A Submittals

*(January 2022 KENMORE GSP)*

SUPPLEMENT this Section with the following:

If no TESC plan is included in the Plans, the Contractor shall submit a TESC plan that meets all requirements of Appendix D of the 2016 King County Surface Water Design Manual (Manual), the plans and specifications, and all applicable permits. Where conflicts arise between the Manual, the plans and specifications, and any permits, the



## SPECIAL PROVISIONS



1 order of requirements of the permits shall prevail followed by the plans and  
2 specifications and finally the Manual requirements.

3  
4 The TESC Plan shall include the following requirements:

- 5  
6 • The Contractor shall keep daily inspection records of all erosion control  
7 measures and practices. Daily inspection records shall, at a minimum, contain  
8 the date, location, erosion control measure in place,  
9 adjustments/additions/removals, areas of concern and response to such  
10 concern.
- 11  
12 • Whenever stormwater discharges from the site, the Contractor shall take  
13 turbidity and pH measurements once per week at the exit points of all storm  
14 water outfalls that exit the project limits. Turbidity measurements shall be  
15 obtained by a qualified individual or a licensed and qualified firm. Sampling  
16 and testing with a calibrated turbidity meter shall be done in compliance with  
17 industry standards for sampling and testing water for turbidity and pH.
- 18  
19 • Test results that indicate turbidity is higher than the base line turbidity by 25  
20 NTUs or pH that is  $\pm 1$  from the base line shall be considered out of compliance  
21 and water shall be treated to within tolerance levels prior to entering the storm  
22 system. Base line turbidity is the turbidity of surface water entering the project  
23 site or, if no surface water enters the project site, then 1 NTU

24  
25 The Contractor shall submit test results and inspection logs to the Engineer at the end  
26 of each month.

### 27 28 **8-01.3(1)F Surface Water Pollution Prevention Plan** 29 *(January 2022 KENMORE GSP)*

30  
31 NEW section:

32  
33 The Contractor shall submit for approval a Surface Water Pollution Prevention Plan  
34 (SWPPP) that meets all requirements outlined in the 2021 King County Surface Water  
35 Design Manual (KCSWDM). If provided as part of the contract documents, the  
36 Contractor shall adopt the SWPPP or create a site specific document as required above.  
37 Owner provided SWPPP shall be reviewed/amended monthly or earlier as needed for  
38 changes to the KCSWDM or site conditions. Any changes made to the SWPPP shall be  
39 revised and submitted for review by the Owner.

### 40 41 **8-01.3(2)G Protection and Care of Seeded Areas** 42 *(April 2016 KENMORE GSP)*

43  
44 SUPPLEMENT this Section with the following:

## SPECIAL PROVISIONS



1  
2 No bare areas larger than six (6) square inches, "barren area", and a root depth of less  
3 than 1 inch are allowed. Monitor watering to prevent erosion of applied mix. Barren  
4 areas persisting in seeded areas thirty (30) calendar days after seeding shall be  
5 reseeded per the specifications, at the Contractor's expense and at such time as  
6 weather and season permit for seed germination.

### 8-01.4 Measurement

7  
8  
9 *(April 2016 KENMORE GSP)*

10  
11 REVISE the twelfth paragraph of this Section to read:

12  
13 Seeding, fertilizing, liming, mulching, mowing, and tackifier will be measured by the  
14 square yard or by the acre by ground slope measurement or through the use of design  
15 data.

### 8-01.5 Payment

16  
17  
18 *(August 2020 KENMORE GSP)*

19  
20 REVISE the following list of pay items in this Section to read:

21  
22 "Mulching", per acre or square yard  
23 "Mulching with PAM", per acre or square yard  
24 "Mulching with Short-Term Mulch", per acre or square yard  
25 "Mulching with Moderate-Term Mulch", per acre or square yard  
26 "Mulching with Long-Term Mulch", per acre or square yard  
27 "Temporary Seeding", per acre or square yard  
28 "Seeding, Fertilizing, and Mulching", per acre or square yard  
29 "Seeding and Fertilizing", per acre or square yard  
30 "Seeding and Fertilizing by Hand", per square yard  
31 "Second Application of Fertilizer", per acre or square yard  
32 "Liming", per acre or square yard  
33 "Mowing", per acre or square yard  
34 "Seeding and Mulching", per acre or square yard  
35 "Tackifier", per acre or square yard

36  
37 "SWPPP", lump sum.

38 The lump sum contract price for "SWPPP" shall be full pay for all labor, equipment,  
39 materials, and supervision utilized to prepare, modify, and adhere to the Surface  
40 Water Pollution Prevention Plan.

## 41 8-02 ROADSIDE RESTORATION

## SPECIAL PROVISIONS



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### **8-02.2 Materials** *(April 2015 KENMORE GSP)*

SUPPLEMENT the first paragraph with the following:

Root Barrier 9-14.8

### **8-02.3 Construction Requirements**

#### **8-02.3(1) Responsibility During Construction** *(April 2015 KENMORE GSP)*

SUPPLEMENT this Section with the following:

Throughout planting operations, the Contractor shall keep the premises clean, free of excess soils, plants, and other materials, including refuse and debris, resulting from the Contractor's work. At the end of each work day, and as each planting area is completed, it shall be neatly dressed, and all surrounding walks and paved areas shall be swept to remove soil and plant debris. At the conclusion of work, the Contractor shall remove surplus soils, materials, and debris from the construction site.

#### **8-02.3(4) Topsoil**

##### **8-02.3(4)A Topsoil Type A** *(January 2022 Kenmore GSP)*

SUPPLEMENT this Section with the following:

Topsoil Type A shall be a commercially available 3-way topsoil per special provision section 9-14.2(1).

#### **8-02.3(5) Planting Area Preparation** *(April 2015 KENMORE GSP)*

SUPPLEMENT this Section with the following:

Notify Engineer of possible poor draining or heavily compacted soil conditions prior to proceeding with construction.

The planting area shall be compacted to 85% maximum density to establish proper finish grade unless specified elsewhere.

## SPECIAL PROVISIONS



1 **8-02.3(17) Root Barrier**

2 *(April 2015 KENMORE GSP)*

3  
4 NEW Section:

5  
6 Work shall consist of providing and installing root barriers per the manufacturer's  
7 recommendations where indicated on the plans.

8  
9 **8-02.4 Measurement**

10 *(August 2020 KENMORE GSP)*

11  
12 SUPPLEMENT this section with the following:

13  
14 "Root Barrier", per linear foot

15 "Root Barrier" shall be measured along the finished installation length.

16  
17 REVISE the first paragraph with the following:

18  
19 Topsoil, mulch and soil amendments will be measured by the acre, square yard, or  
20 cubic yard along the grade and slope of the area covered immediately after application.

21  
22 **8-02.5 Payment**

23 *(August 2020 KENMORE GSP)*

24  
25 SUPPLEMENT this Section with the following:

26  
27  
28 "Root Barrier", per linear foot

29 The unit Contract price per linear foot for "Root Barrier" shall be full pay for all costs  
30 for furnishing labor, equipment, materials, backfill, excavation, preparation of  
31 materials, and disposal of waste as necessary to complete the work.

32  
33 REVISE the following list of pay items in this Section to read:

34  
35 "Topsoil \_\_\_", per acre, cubic yard, or square yard

36 "Fine Compost", per acre, cubic yard, or square yard

37 "Medium Compost", per acre, cubic yard, or square yard

38 "Coarse Compost", per acre, cubic yard, or square yard

39 "Soil Amendment", per acre or square yard

40 "Bark or Wood Chip Mulch", per acre, cubic yard, or square yard

41  
42 **8-03.5 Payment**

43 *(August 2020 KENMORE GSP)*

## SPECIAL PROVISIONS



1 REVISE the third paragraph of the first part of this section as follows:

2  
3 The Contracting Agency will, at no cost to the Contractor, provide electrical services  
4 needed for installation and operation of the irrigation system for the life of the  
5 Contract.

6  
7 SUPPLEMENT this section with the following:

8  
9 All cost for providing water (service and usage), coordination with NUD, permitting,  
10 water meter installation, and utility inspections shall be included in the lump sum  
11 Contract price "Irrigation System".

12  
13 **8-04.3(1) Cement Concrete Curbs, Gutters and Spillways**  
14 *(January 2022 Kenmore GSP)*

15  
16 SUPPLEMENT this Section with the following:

17  
18 Quality standards noted in section 8-14.3(5) shall apply at the discretion of the  
19 Engineer.

20 **8-18 MAILBOX SUPPORT**

21  
22 **8-18.1 Description**  
23 *(August 2020 KENMORE GSP)*

24  
25 SUPPLEMENT this Section with the following:

26  
27 Mailboxes designated as "single" consist of one box on a single post. Mailboxes  
28 designated as "cluster-X" consist of multiple boxes on a single support (the "X"  
29 indicates number of mailboxes within the same cluster). Existing posts for both types  
30 shall be assumed to be embedded in concrete. NDCBU -"X" are neighborhood delivery  
31 collection box units (the "X" indicates the number of doors, not including parcel  
32 lockers, within the collection box).

33  
34 Mailboxes to be relocated include the following:

35  
36

Station Location	Existing Box
<u>10+25, 20' RT</u>	<u>Cluster-4</u>

37 **8-18.2 Materials**  
38 *(December 2016 KENMORE GSP)*

39  
40 SUPPLEMENT this Section with the following:



## SPECIAL PROVISIONS



1 All work shall be performed as shown in the Plans in accordance with applicable  
2 Standard Specifications and Standard Plans included herein, and the following Special  
3 Provisions.

4  
5 Work shall include the supply, testing and installation of all hardware, and when  
6 specified, the modification of to the existing system.

### 8-20.3(20) Rectangular Rapid Flashing Beacons System

9 (\*\*\*\*\*)

10  
11 NEW Section:

12  
13 A Solar Powered Rectangular Rapid Flashing Beacon (RRFB) system shall be  
14 furnished and installed by the Contractor and shall comply with the Federal Highway  
15 Administration's (FHWA) approval for the use for pedestrian and school crossings  
16 and shall include flashing, rectangular-shaped, high intensity LEDs, associated signs,  
17 push buttons, passive detection, solar panel, and assemblies as shown on the Plans.  
18 The lights shall be activated by push button and/or passive detection as shown on the  
19 plans. All the components shall be installed per manufacturer's recommendations,  
20 per the Plans and the method and locations of installation shall be approved by the  
21 Engineer in the field, prior to drilling holes in the supporting poles.

### 22 23 8-20.4 Measurement

24 (\*\*\*\*\*)

25  
26 SUPPLEMENT this section with the following:

27  
28 When a bid item is shown as lump sum in the proposal, no specific unit of  
29 measurement will apply, but measurement will be for the sum total of all items for a  
30 complete system to be furnished and installed.

31  
32 "RRFB Signal System", per lump sum.

### 33 34 8-20.5 Payment

35 (\*\*\*\*\*)

36  
37 SUPPLEMENT this section with the following:

38  
39 Payment will be made for the following bid items:

40  
41 "RRFB Signal System", per lump sum;

42  
43 The lump sum contract prices shall include all incidental work and shall be full  
44 compensation for all labor, materials, tools and equipment necessary to satisfactorily

## SPECIAL PROVISIONS



1 complete the work as defined in the Contract Documents. Subsurface explorations to  
2 determine the locations of existing utilities in order to install, abandon, and/or  
3 remove the associated equipment for the "RRFP Signal System" shall be considered  
4 incidental to the lump sum bid item.

5  
6 Bidders are cautioned to also include in the lump sum bid items all costs related to  
7 protection of items to remain, utility locates, and signal testing as required.  
8

### 9 **8-22 PAVEMENT MARKINGS**

10

#### 11 **8-22.4 Measurement**

12 (\*\*\*\*\*)

13

14 SUPPLEMENT this section with the following:

15

16 MMA Warning Band shall be measured per linear foot.

17

#### 18 **8-22.5 Payment**

19 (\*\*\*\*\*)

20

21 SUPPLEMENT this section with the following:

22

23

24 "MMA Warning Band", per linear foot.

25

26

27

**END OF DIVISION 8**

28



# SPECIAL PROVISIONS



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## DIVISION 9 MATERIALS

### 9-03 AGGREGATES

#### 9-03.21 Recycled Material

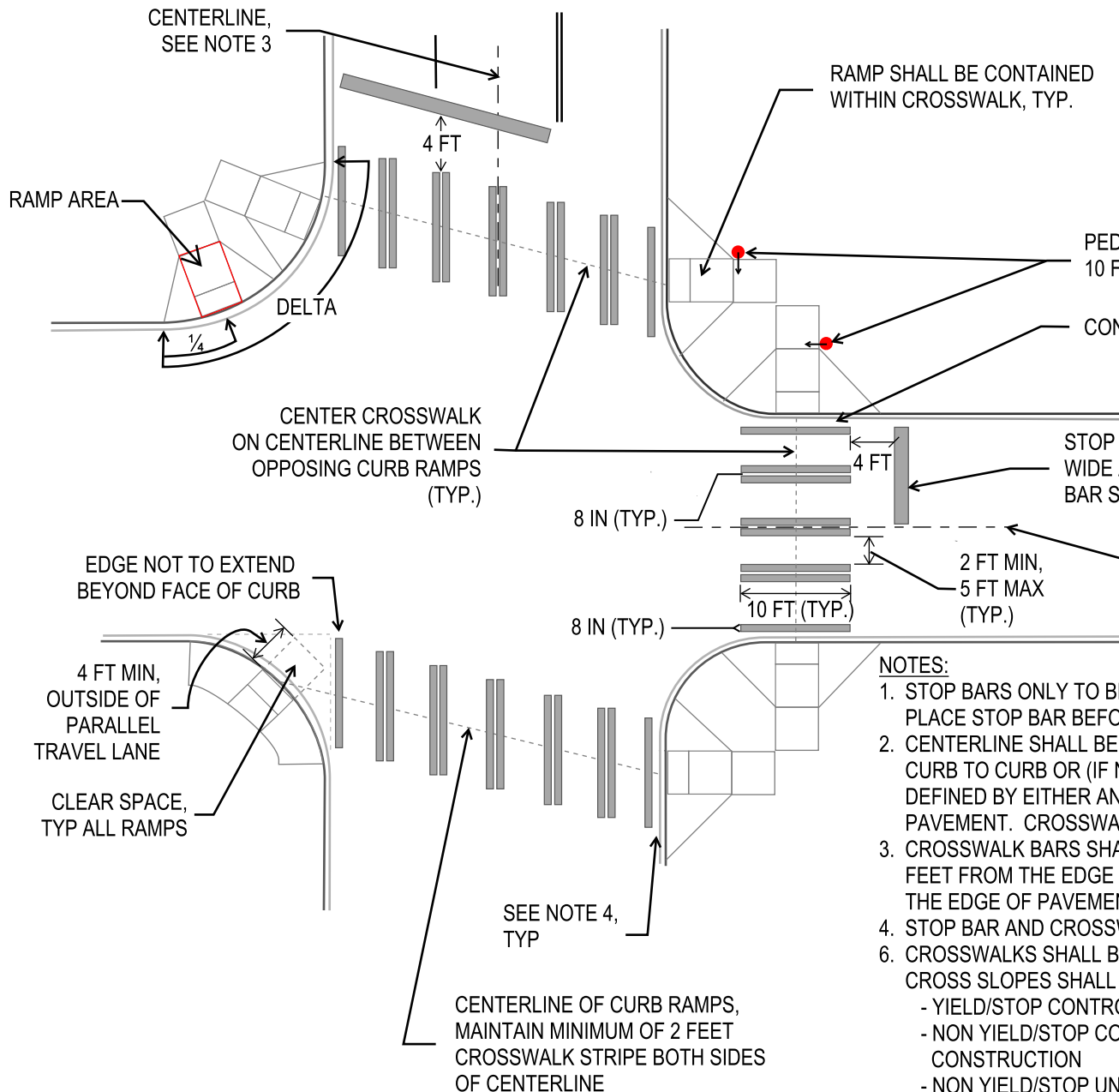
#### 9-03.21(1) General Requirements *(January 2022 KENMORE GSP)*

SUPPLEMENT this section with the following:

Recycled hot mix asphalt, concrete rubble, recycled glass (glass cullet), and recycled steel furnace slag may not be used as backfill under or within 2 feet of any landscaped areas or as trench backfill.

**END OF DIVISION 9**

## VI. STANDARD PLANS



CURB RAMP LOCATION	
CURB RADIUS	LOCATION
<25 FT	INSIDE EDGE OF RAMP AT CURB RETURN
>= 25 FT	CENTER RAMP AT 1/4 DELTA OF CURB RETURN
SINGLE RAMP	CENTER RAMP AT 1/2 DELTA OF CURB RETURN

PEDESTRIAN PUSH BUTTONS  
10 FT MIN SEPARATION WHEN POSSIBLE

CONTROLLED CROSSING ↓

STOP BAR SHALL BE 16 IN WIDE AT STOP SIGNS AND 24 IN WIDE AT SIGNALIZED LOCATIONS, SEE NOTE 1 - STOP BAR SHALL BE LOCATED AS NOTED ON THE PLANS (TYP.)

CENTERLINE, SEE NOTE 3

**NOTES:**

1. STOP BARS ONLY TO BE USED AT STOP SIGNS AND SIGNALS. IF NO CROSSWALK PLACE STOP BAR BEFORE RAMP.
2. CENTERLINE SHALL BE THE CENTER OF THE ROADWAY MEASURED FROM CURB TO CURB OR (IF NO CURB) FROM THE EDGE OF THE TRAVEL LANE AS DEFINED BY EITHER AN EDGE STRIPE OR 1 FOOT OFF OF THE EDGE OF PAVEMENT. CROSSWALK STRIPE SHALL BE CENTERED ON LINE AS SHOWN
3. CROSSWALK BARS SHALL BE LOCATED A MINIMUM OF 1 FOOT/MAXIMUM OF 2 FEET FROM THE EDGE OF THE GUTTER, FROM THE EDGE STRIPE, OR FROM THE EDGE OF PAVEMENT IF NO EDGE STRIPE.
4. STOP BAR AND CROSSWALK TO BE TYPE A OR D PLASTIC
6. CROSSWALKS SHALL BE DESIGNED WITH A 5.0% MAXIMUM RUNNING SLOPE. CROSS SLOPES SHALL BE AS FOLLOWS:
  - YIELD/STOP CONTROLLED CROSSING: 2.0% MAXIMUM
  - NON YIELD/STOP CONTROLLED CROSSING: 5.0% MAXIMUM FOR NEW CONSTRUCTION
  - NON YIELD/STOP UNCONTROLLED CROSSING: MATCH SLOPE OF ROAD FOR ALTERATIONS
  - MID-BLOCK CROSSINGS: MATCH SLOPE OF ROAD



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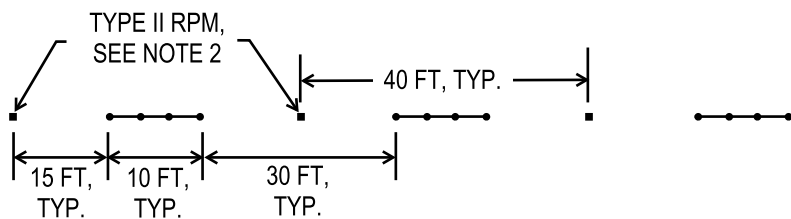
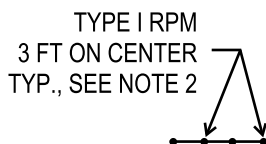
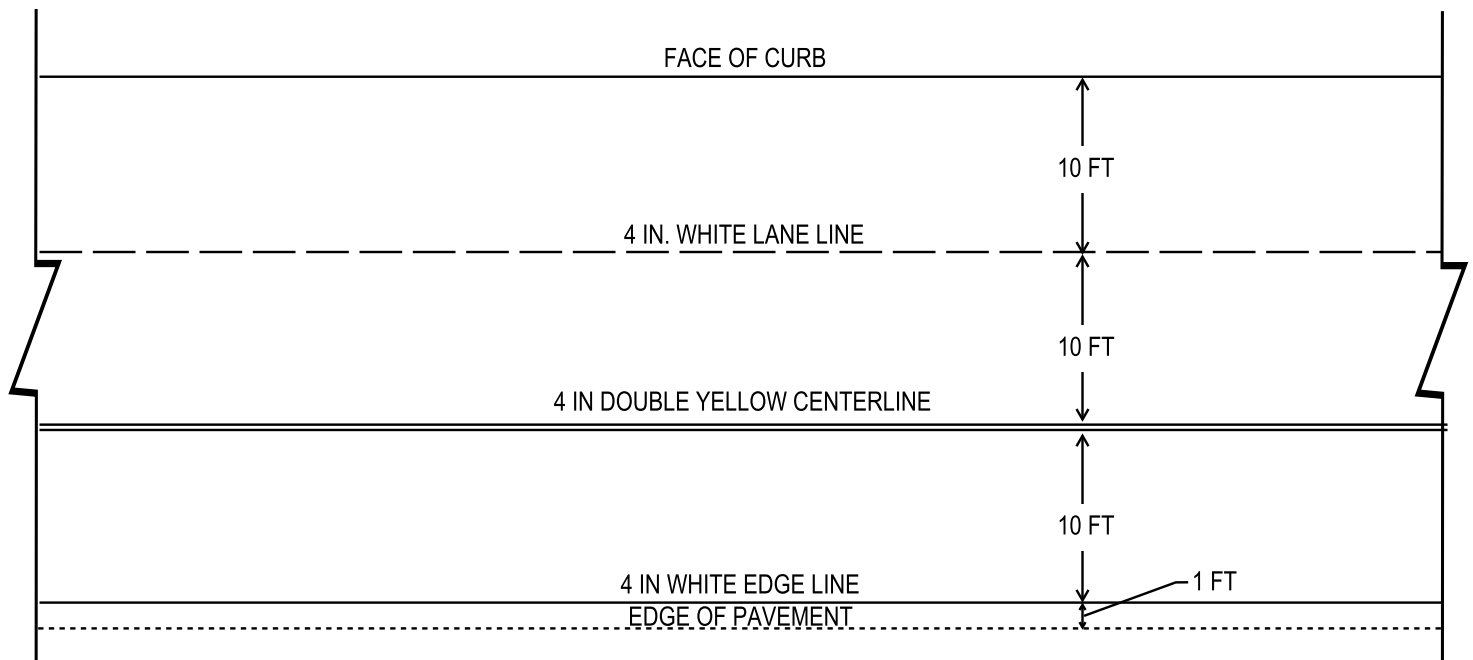


**CROSSWALK AND STOP BAR MARKINGS**

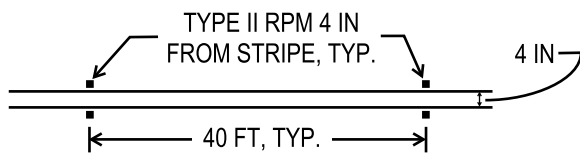
**FIG R 4-001**

OT TO SCAL

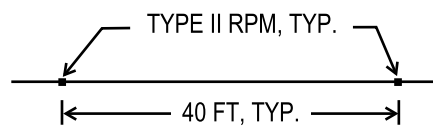
Date: 06/21/2022



**4 IN WHITE LANE LINE**



**4 IN DOUBLE YELLOW CENTER LINE**



**4 IN WHITE EDGE LINE**

**NOTES:**

1. CENTER LINE MARKINGS SHALL BE PLACED ON ALL PAVED ARTERIALS AND COLLECTORS THAT HAVE A TRAVELED WAY OF 20 FEET OR MORE IN WIDTH AND AN ADT OF 4,000 VEHICLES PER DAY OR GREATER. CENTER LINE MARKINGS SHALL ALSO BE PLACED ON ALL PAVED TWO-WAY STREETS OR HIGHWAYS THAT HAVE THREE OR MORE LANES FOR MOVING MOTOR VEHICLE TRAFFIC. CENTERLINE MARKINGS SHALL ALSO BE PLACED WHERE IT IS RECOMMENDED BY AN ENGINEERING STUDY.
2. RAISED PAVEMENT MARKERS (RPM) COLOR SHALL MATCH COLOR OF COORESPONDING PAVEMENT MARKINGS. RPM SHALL INSTALLED PRIOR TO ANY PAINT LINE, EXISTING CHANNELIZATION SHALL BE REMOVED PRIOR TO INSTALLING THE RPM.
3. WHITE EDGE LINES SHALL BE INSTALLED ON ALL ROADS WHERE NO CURB AND GUTTER EXISTS.
4. WHITE EDGE LINE IS INTERCHANGEABLE WITH BIKE LANE/BIKE LANE BUFFER LINE
5. SEE KSD 4-003 (LEFT TURN LANES), 4-004 (BIKE LANES) STRIPING REQUIREMENTS
6. A 4 IN WHITE EDGE LINE MAY BE REQUIRED ADJACENT TO CURB AS DIRECTED BY THE CITY.



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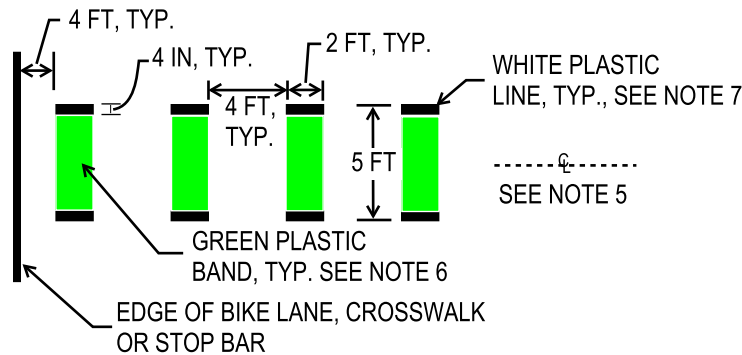
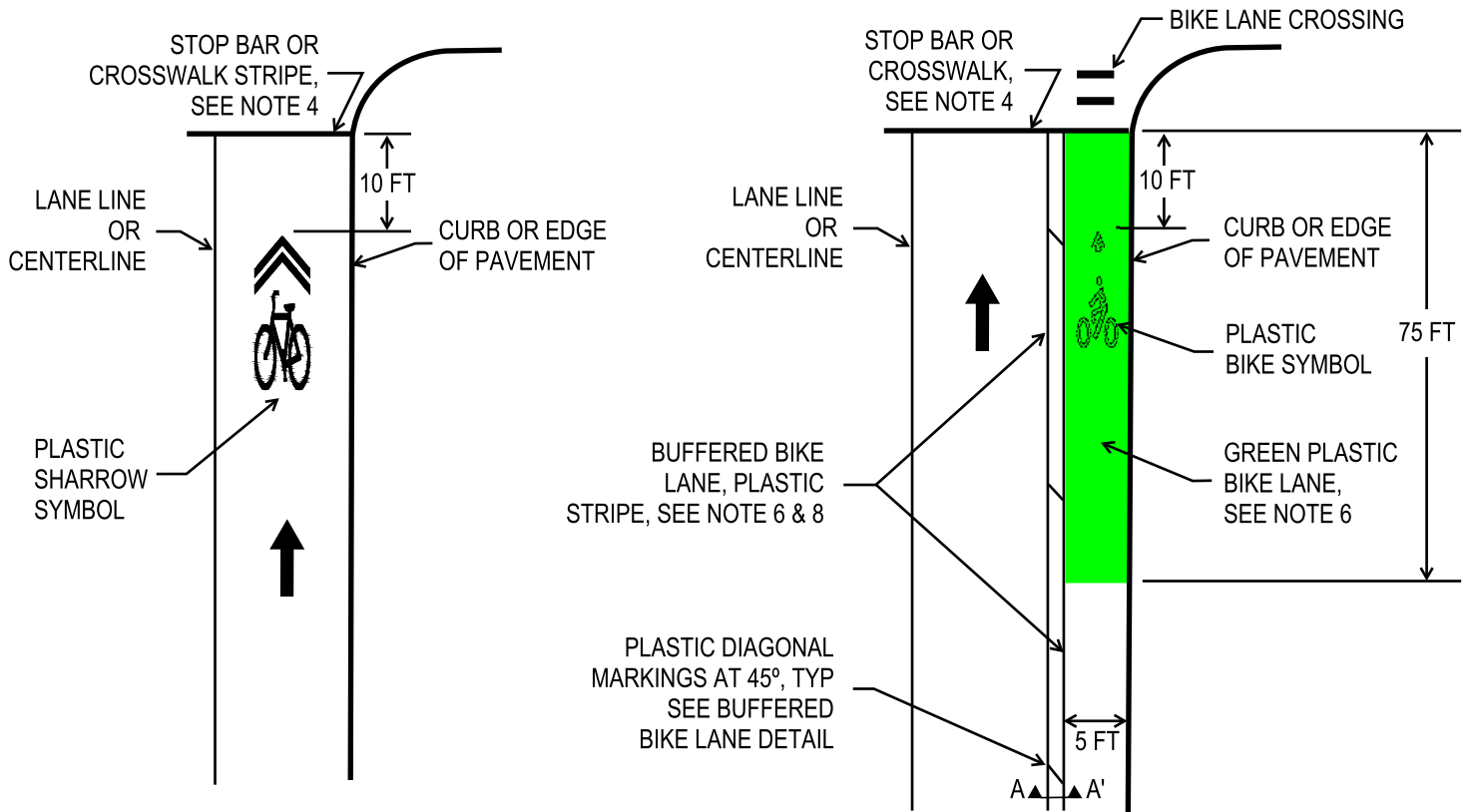


Roadway  
Channelization

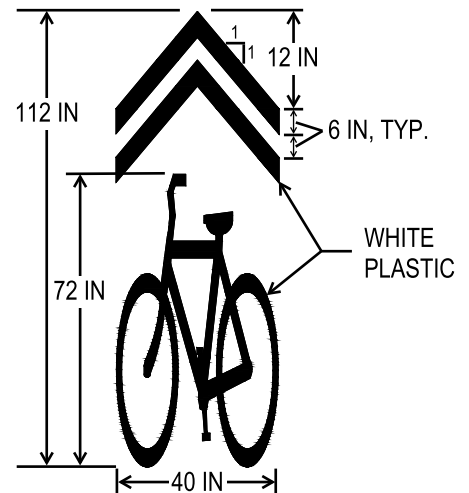
**FIGURE 4-002**

NOT TO SCALE

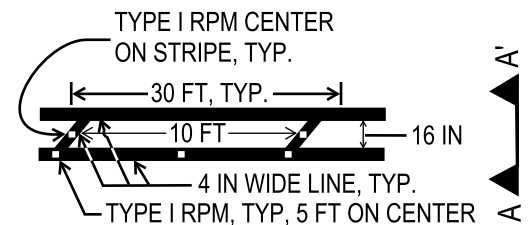
Date: 12/03/2020



**BIKE LANE CROSSING**



**SHARROW SYMBOL**



**BUFFERED BIKE LANE STRIPE**

**NOTES:**

1. BIKE LANE SYMBOL PER WSDOT STANDARD DETAIL M-9.50-02
2. SPACE BIKE LANE AND SHARROW SYMBOLS EVERY 300± FEET, CENTER ON LANE
3. SEE KSD 4-002 FOR LANE LINE REQUIREMENTS
4. FOR LOCATIONS WITH NO STOP BAR OR CROSSWALK, MEASURE FROM START OF CURB RADIUS OR PAVEMENT RADIUS. WHERE CROSSWALK EXISTS, PLACE BIKE LANE CROSSING BETWEEN CROSSWALK MARKINGS ONLY.
5. ALIGN CENTER OF BIKE LANE CROSSING WITH BIKE LANE
6. GREEN COLOR SHALL MEET THE REQUIREMENTS OF THE WSDOT STANDARD SPECIFICATIONS AND MUTCD. PLASTIC APPLIED PER WSDOT STANDARD SPECIFICATIONS. SEE THE ROAD STANDARDS FOR ADDITIONAL REQUIREMENTS.
7. ADD AN ADDITIONAL SKIP STRIPE WHEN ADJACENT TO A MARKED CROSSWALK.
8. PROVIDE 2-FOOT LONG SKIP STRIPE IN FRONT OF DRIVEWAYS. 4-FOOT SPACING BETWEEN STRIPES.
9. ALL PLASTIC SHALL BE TYPE D PER WSDOT 9-34.3(4).



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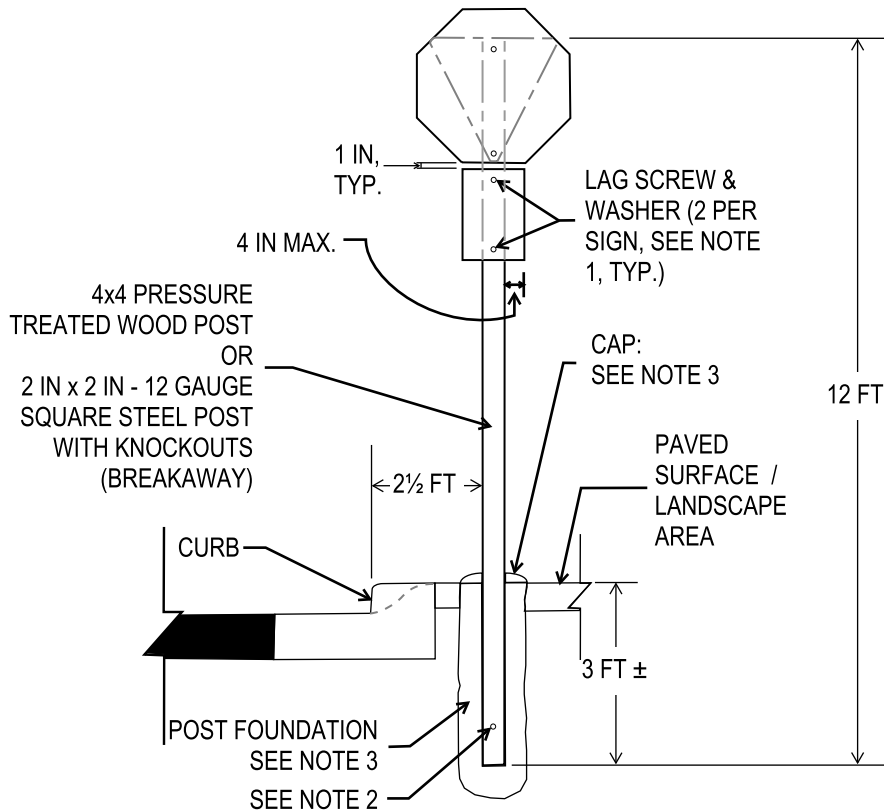


**BIKE LANES**

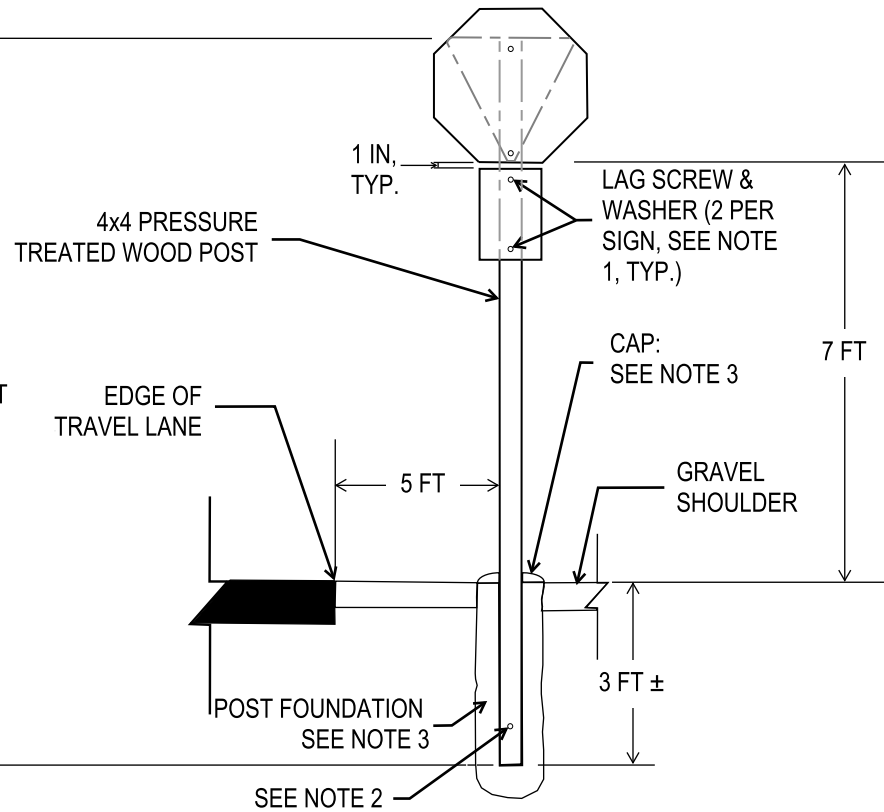
**FIGURE 4-004**

**NOT TO SCALE**

Date: 06/14/2022



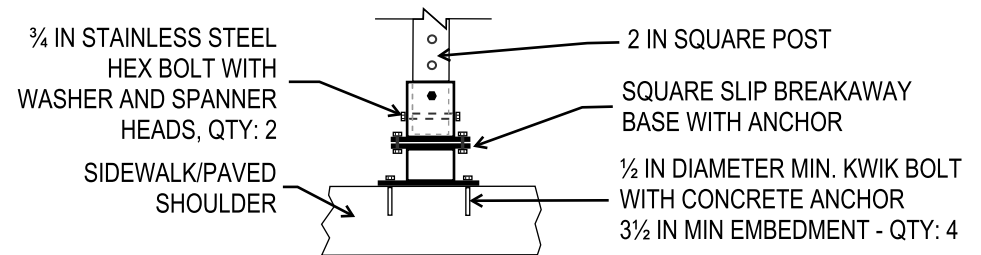
**SIGN PLACEMENT ADJACENT TO CURB**



**SIGN PLACEMENT IN SHOULDER**

**NOTES:**

1. 5/16" X 3/4" GALVANIZED OR PLATED LAG SCREW & 3/8" ID X1" OD NYLON WASHER
2. INSTALL 1/2 IN DIAMETER GALVANIZED COMMON SPIKE FOR WOOD POSTS ONLY. PLACE ON THE FACE SIDE OF THE POST FOR SIGNS PLACED WITHIN LANDSCAPE OR GRAVEL AREAS. SPIKE SHALL BE 8 IN ABOVE BOTTOM OF POST AND PROTRUDE 2 IN FROM POST
3. SEE KSD 6-003 (POST FOUNDATION)
4. STEEL POST SHALL BE USED FOR SURFACE MOUNT POSTS AND FOR POSTS INSTALLED IN ADJACENT PAVED SURFACES. STEEL POSTS SHALL COME WITH KNOCKOUTS AND NOT BE "PRE-PUNCHED".
5. TOP SIGN SHALL BE MOUNTED FLUSH WITH THE TOP OF THE POST



**SURFACE MOUNT DETAIL**



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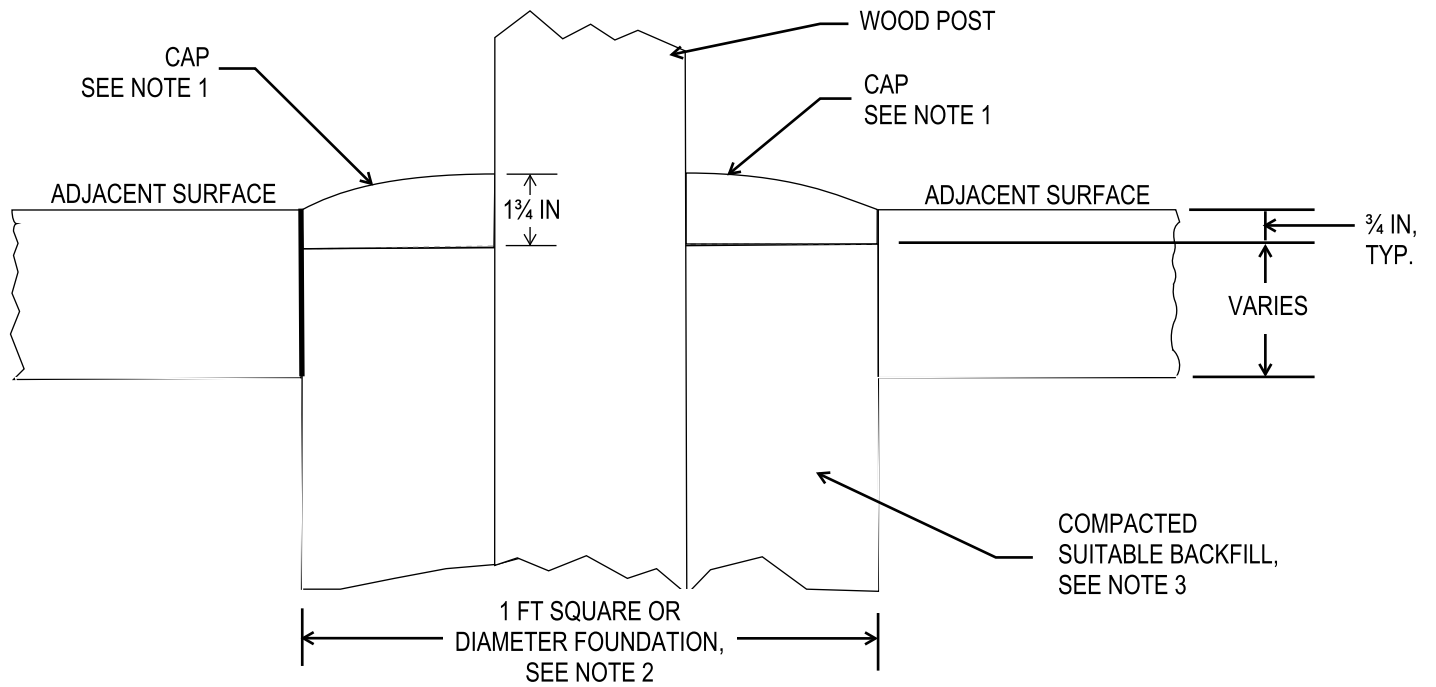


**TRAFFIC SIGNS**

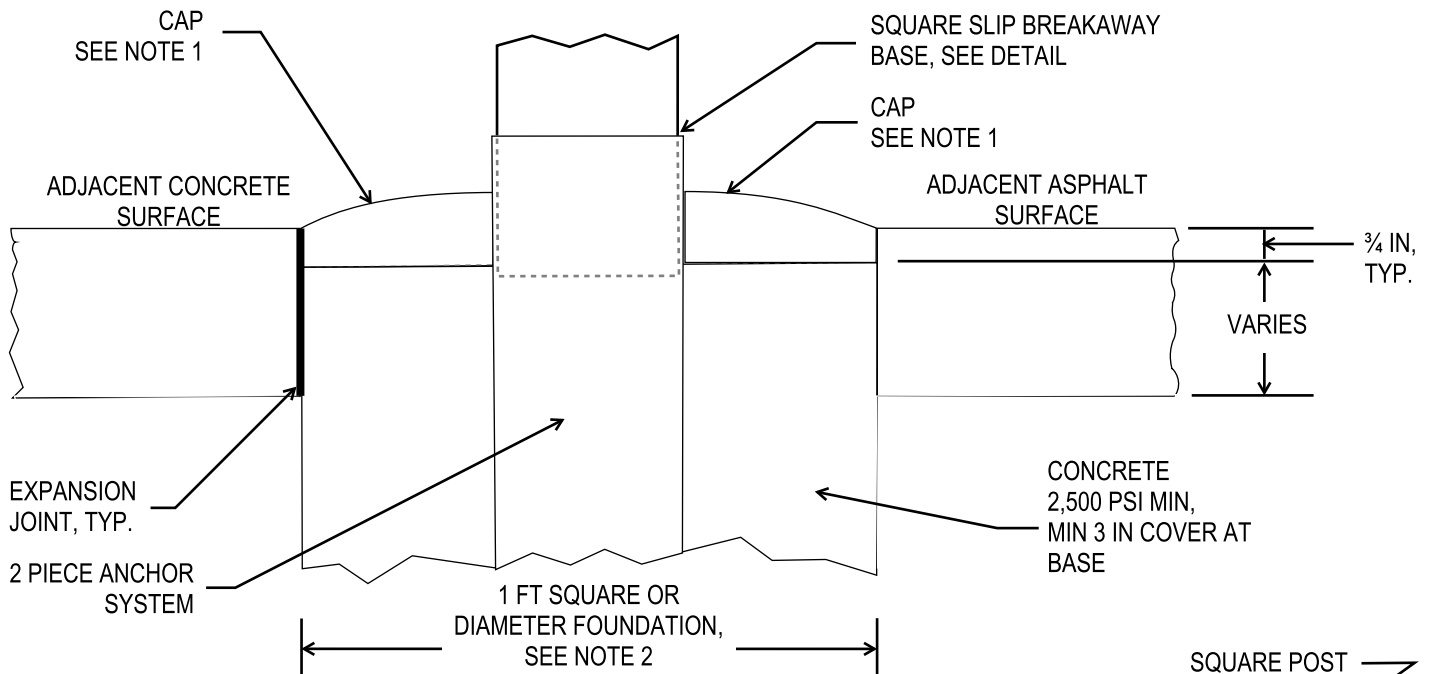
**FIG RE 6-002**

**NOT TO SCALE**

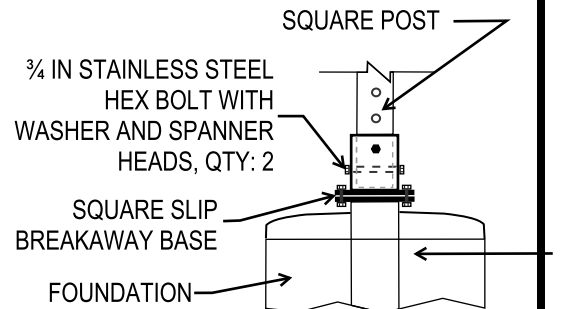
Date: 06/21/2022



**WOOD POST FOUNDATION**



**METAL POST FOUNDATION**



**BREAKAWAY BASE DETAIL**

**NOTES:**

1. CAP SHALL BE MADE OF THE SAME MATERIAL AS THE SURROUNDING SURFACE AND SHALL BE MOUNDED TO DRAIN AWAY FROM POST.
2. BLOCKOUTS SHALL BE PROVIDED FOR POST LOCATIONS WHERE NEW CONCRETE PAVEMENT SURROUNDS POST
3. BACKFILL MATERIAL SHALL BE SELECT BORROW OR GRAVEL BORROW PER WSDOT STANDARD SPECIFICATIONS 9-03.14



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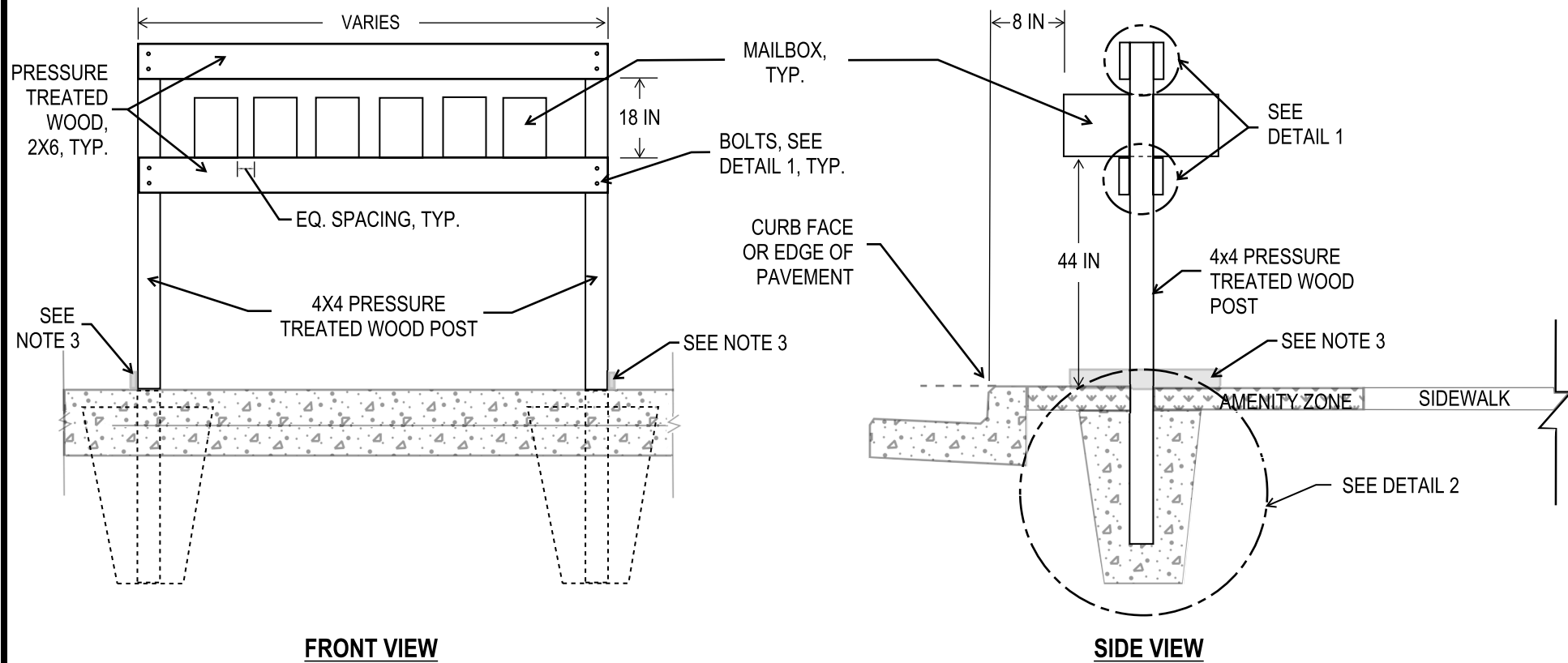


**POST FOUNDATION**

**FIGURE 6-003**

**NOT TO SCALE**

Date: 12/31/2020

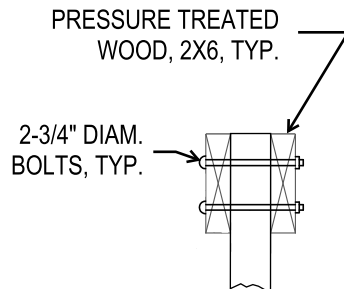


**FRONT VIEW**

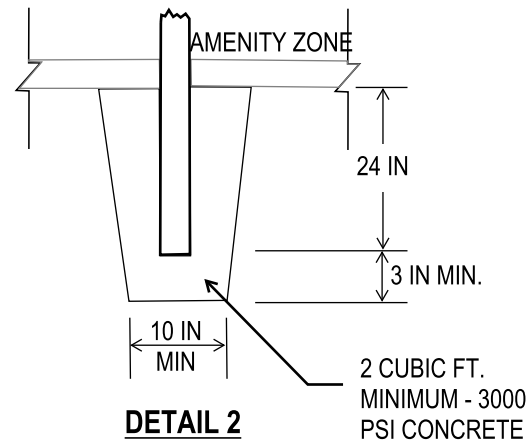
**SIDE VIEW**

**NOTES:**

1. OBTAIN LOCATION APPROVAL BY POST MASTER PRIOR TO INSTALLATION
2. FOR MAILBOX RELOCATIONS, NEW WOOD POSTS SHALL BE USED
3. FOR MAILBOX LOCATED IN AREAS WITHOUT AMENITY ZONES, ADD 1 - WOOD BOARD TO THE BASE OF EACH POST. BOARDS SHALL BE ATTACHED TO THE POST AND SHALL BE THE SAME DEPTH OF THE DEEPEST MAILBOX.



**DETAIL 1**



**DETAIL 2**



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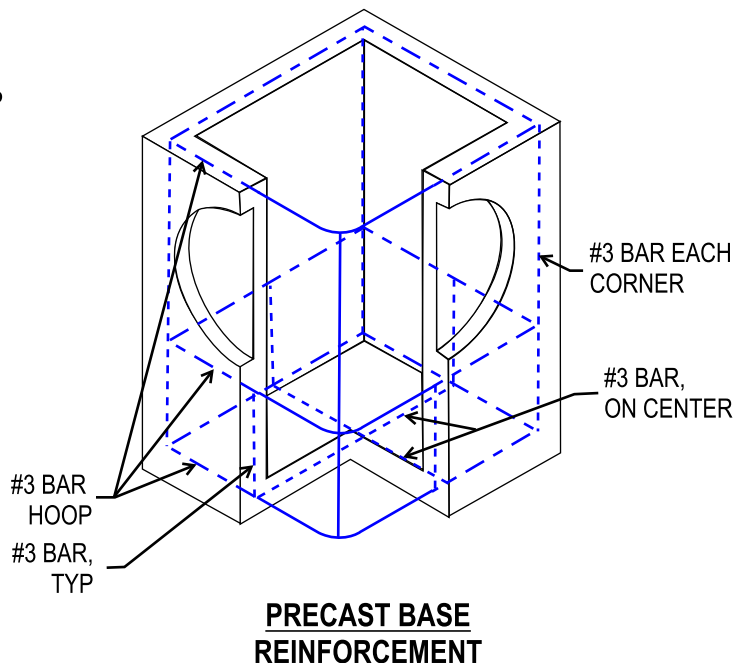
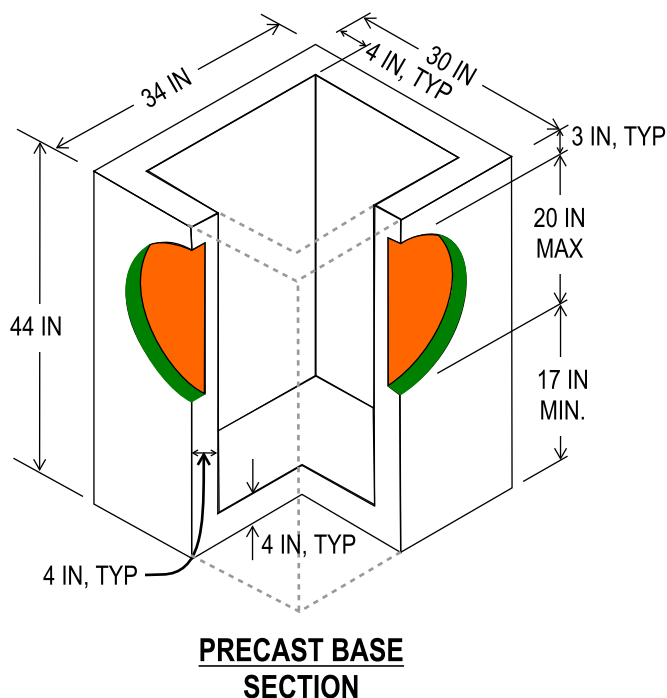
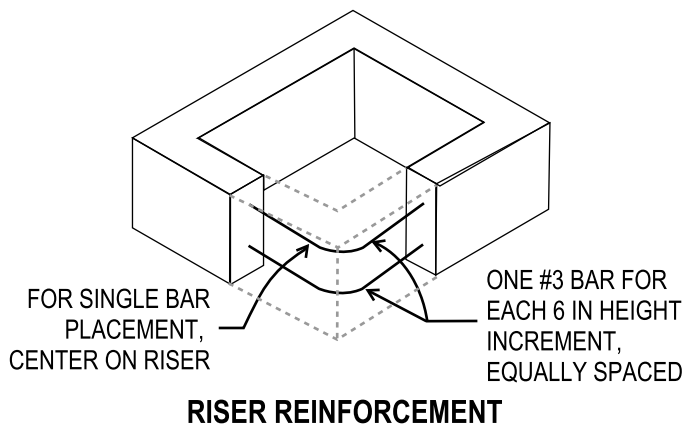
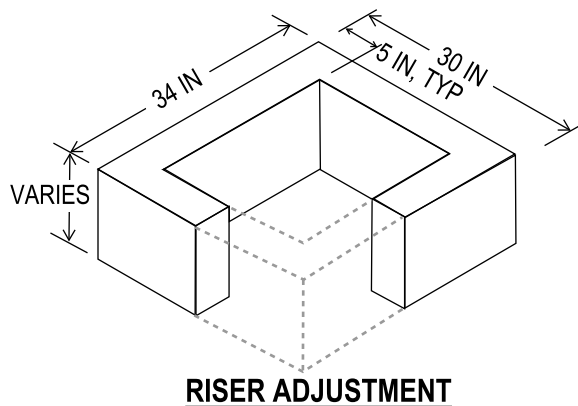
**MAILBOX  
CLUSTER**

**FIG RE 6-005**

**NOT TO SCALE**

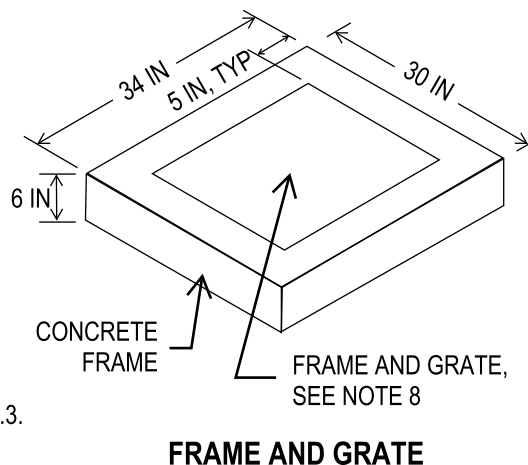
Date: 06/21/2022





**NOTES:**

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE WSDOT STANDARD SPECIFICATIONS.
2. AN ACCEPTABLE ALTERNATIVE TO REBAR WOULD BE WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQ. IN. PER FT WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL CATCH BASIN (RISER, FRAME, AND BASE SECTIONS) SHALL BE A MINIMUM OF 4000 PSI CONCRETE.
4. CATCH BASINS SHALL BE PROVIDED WITH FACTORY INSTALLED KNOCKOUTS ON EACH SIDE. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN MINIMUM TO 2½ IN MAXIMUM.
5. PIPES SHALL PASS THROUGH KNOCKOUT AREA ONLY.
6. GROUT FILL PICKUP HOLES, AROUND PIPE AND CATCH BASIN KNOCKOUTS, AND BETWEEN RISER SECTIONS AND FRAME PER WSDOT STANDARD SPECIFICATION 9-04.3.
7. THE TAPER ON THE SIDES OF THE BASE SECTION AND THE RISER SECTION SHALL NOT EXCEED ½ IN PER FT. EDGE OF RISERS SHALL NOT BE MORE THAN 2 IN FROM VERTICAL EDGE OF THE CATCH BASIN WALL.
8. METAL FRAME AND GRATE SHALL BE PER KSD 7-007 THROUGH 7-010.
9. BRICK RISERS MAY NOT BE USED UNLESS APPROVED BY THE CITY.
10. SHIMS MAY BE USED FOR MINOR ADJUSTMENTS. SHIMS SHALL BE HIGH IMPACT POLYSTYRENE WITH A MINIMUM COMPRESSIVE STRENGTH OF 8,000 PSI PER ASTM D695.



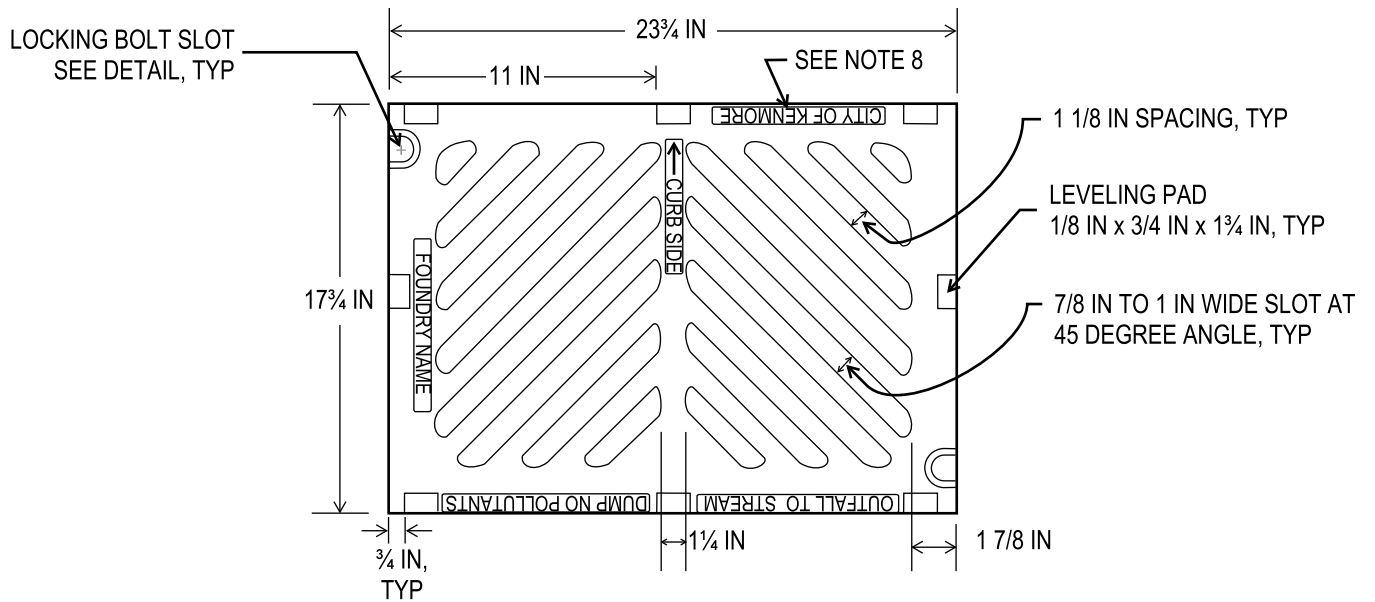
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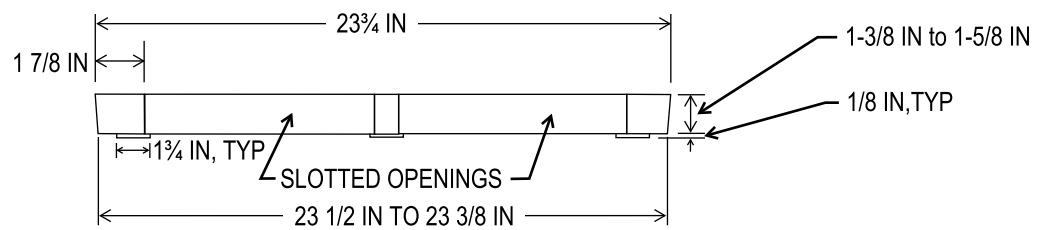
**CATCH BASIN  
TYPE 1**

**FIGURE 7-003  
NOT TO SCALE**

Date: 01/07/2021



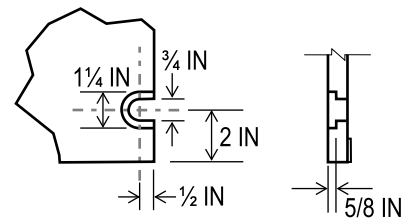
**PLAN VIEW**



**PROFILE VIEW**

**NOTES:**

1. USE MINIMUM OF (2) 5/8 IN - 11 NC STAINLESS STEEL TYPE 304 SOCKET HEAD (ALLEN HEAD) CAP SCREWS, 2 IN LONG.
2. GRATE SHALL BE GRADE 80-55-06 DUCTILE IRON MEETING THE REQUIREMENTS OF ASTM A536.
3. LOCATION OF LETTERING STAMPS ARE SHOWN FOR QUANTITY AND EXAMPLE. ACTUAL LOCATION OF EACH MAY VARY.
4. SEE KSD 7-010 FOR FRAME REQUIREMENTS AND INSTALLATION
5. BOLT SLOT FORMED AND RECESSED FOR LOCKING BOLTS.
6. LETTERS ARE TO BE RECESSED SO FLUSH WITH SURROUNDING GRATE.
7. SEE WSDOT STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTING REQUIREMENTS.
8. FOR CATCH BASINS ON PRIVATE PROPERTY, OWNED AND OPERATED, REPLACE "CITY OF KENMORE" WITH "PRIVATE".



**LOCKING BOLT DETAIL**



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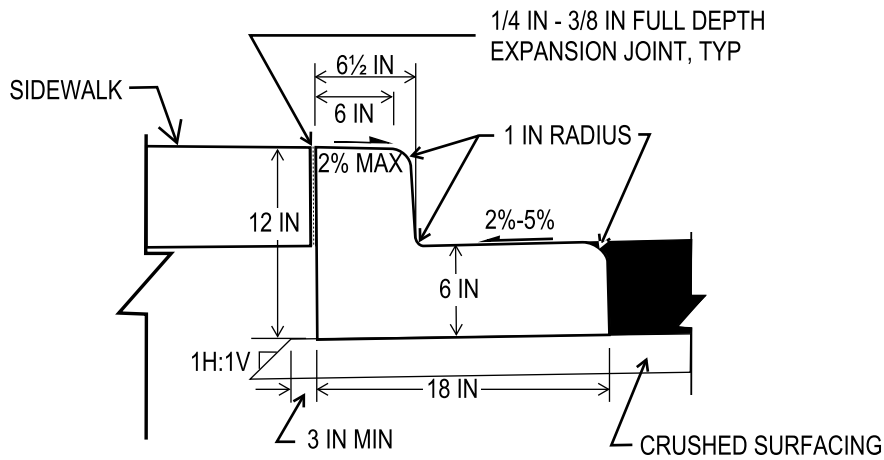


**DIAGONAL SLOTTED  
GRATE**

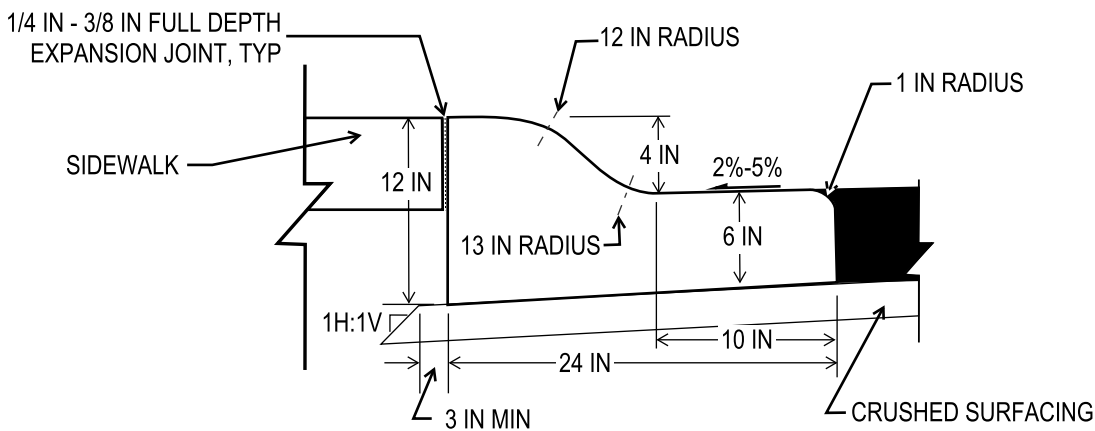
**FIGURE 7-008**

**NOT TO SCALE**

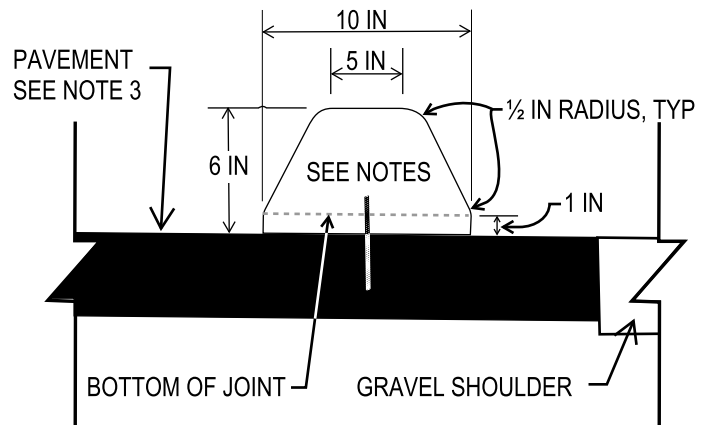
Date: 01/25/2021



**VERTICAL CURB**



**ROLLED CURB**



**EXTRUDED CURB**

**NOTES:**

1. FULL DEPTH EXPANSION JOINTS PERPENDICULAR TO THE CURB LINE SHALL BE SPACED AT 10 FT ON CENTER IF ADJACENT TO LANDSCAPED AMENITY STRIP. FOR CURB ADJACENT TO CONCRETE, ALIGN EXPANSION JOINTS WITH SIDEWALK
2. BACKFILL MATERIAL PER WSDOT STANDARD SPECIFICATION SECTION 9-03.
3. SLOPE PAVEMENT TO DRAIN. PROVIDE GAPS IN CURB TO ALLOW FOR DRAINAGE AS NEEDED.
4. SLOPE ENDS OF EXTRUDED CURB EQUAL TO SIDE SLOPE.
5. PIN EXTRUDED CURB TO PAVEMENT WITH 6 IN LONG #3 REBAR EMBEDDED 4 INCHES IN PAVEMENT. LOCATE PINS 1 FOOT EITHER SIDE OF JOINTS AND AT ENDS.
6. ADD 5 IN DEEP JOINTS EVERY 10 FT OF EXTRUDED CURB.
7. FOR CURB REPLACEMENT, EXISTING CURB SHALL BE REMOVED FROM JOINT TO JOINT, NO SAWCUTTING IS PERMITTED.



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**CURBS**

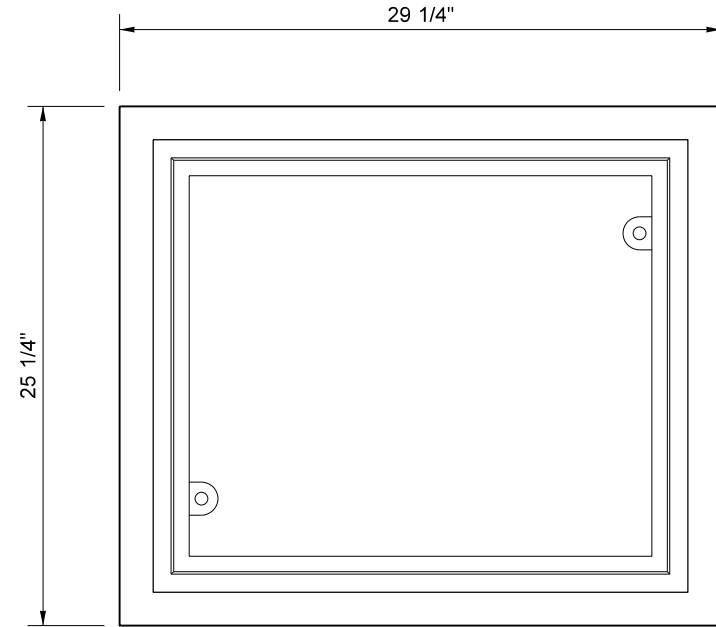
**FIGURE 8-009**

**NOT TO SCALE**

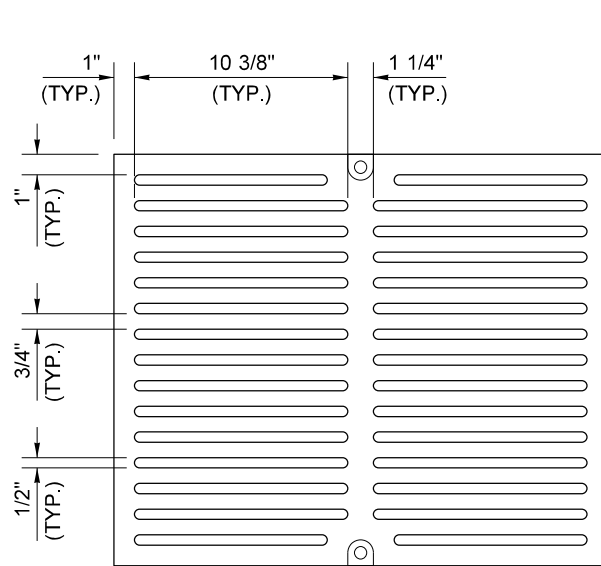
Date: 02/26/2022

**NOTES**

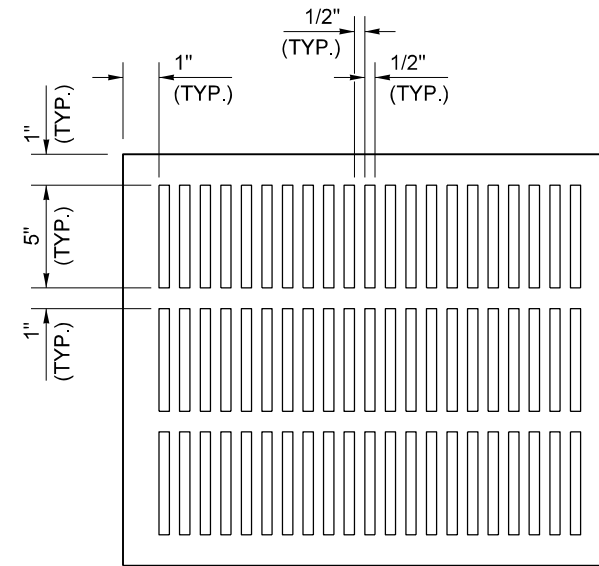
1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC x 2" (in) Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. All grates shall be 20" (in) x 24" (in).
3. Grate alternatives shown for informational purposes. Grate design varies by manufacturer and must meet ADA requirements.
4. Refer to **Standard Specification Section 9-05.15 and 9-05.15 (2)** for additional requirements.



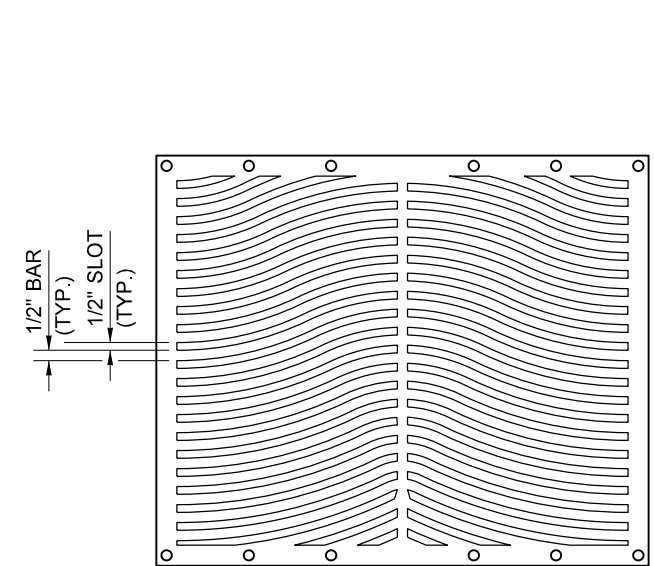
**PLAN VIEW  
GRATE FRAME**  
FOR DETAILS NOT SHOWN,  
SEE STANDARD PLAN B-30.10



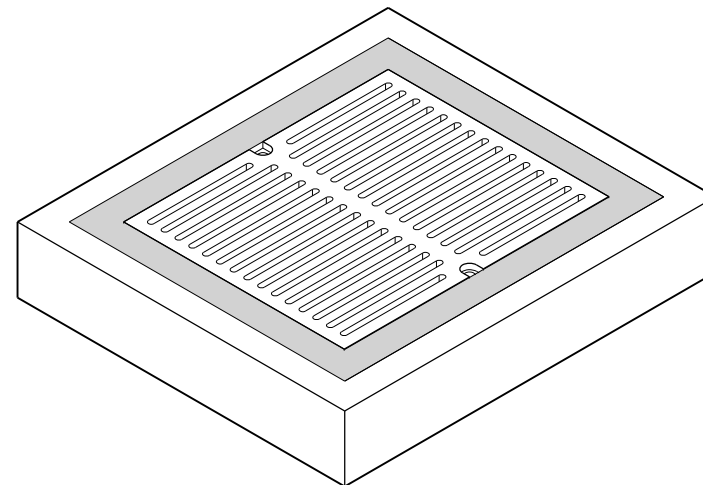
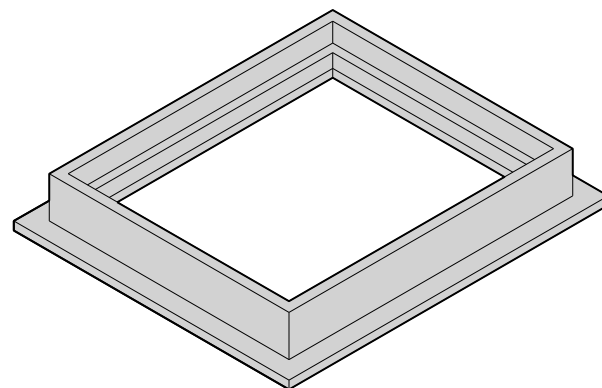
**PLAN VIEW  
GRATE  
ALTERNATIVE 1**



**PLAN VIEW  
GRATE  
ALTERNATIVE 2**



**PLAN VIEW  
GRATE  
ALTERNATIVE 3**



**ISOMETRIC VIEWS  
(GRATE ALTERNATIVE 1 SHOWN)**



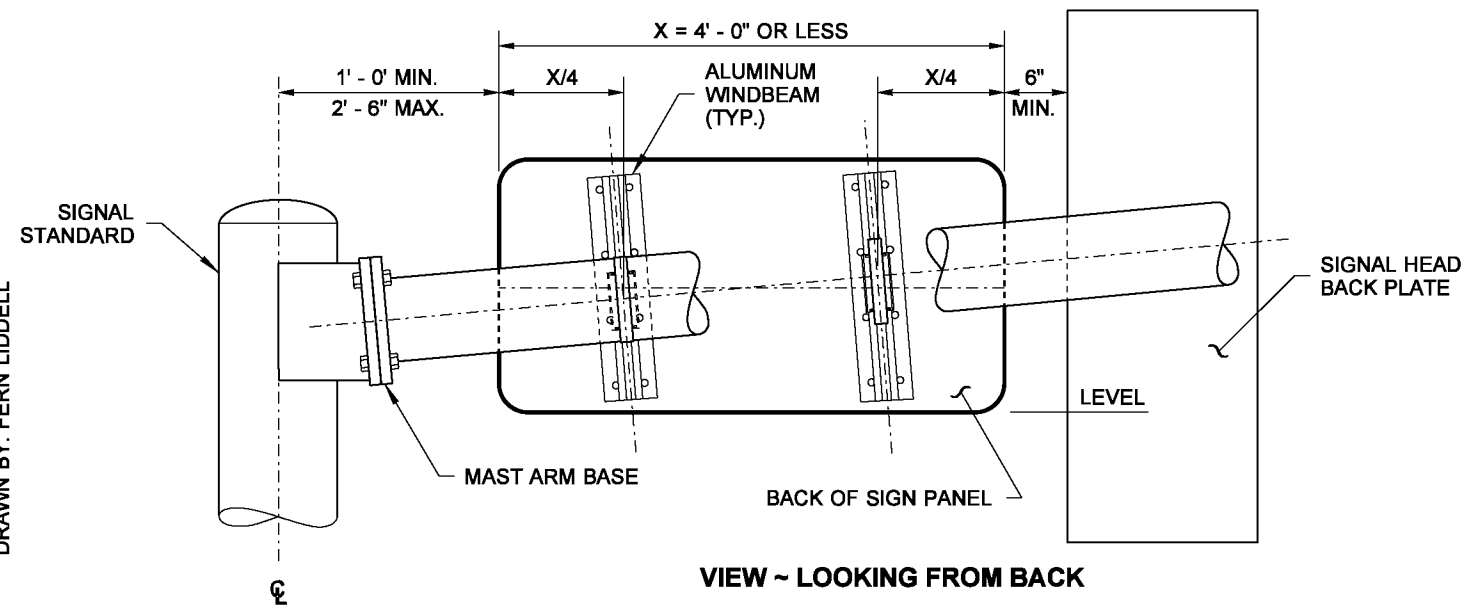
**ADA GRATES FOR  
RECTANGULAR FRAMES**  
**STANDARD PLAN B-30.15-00**

SHEET 1 OF 1 SHEET

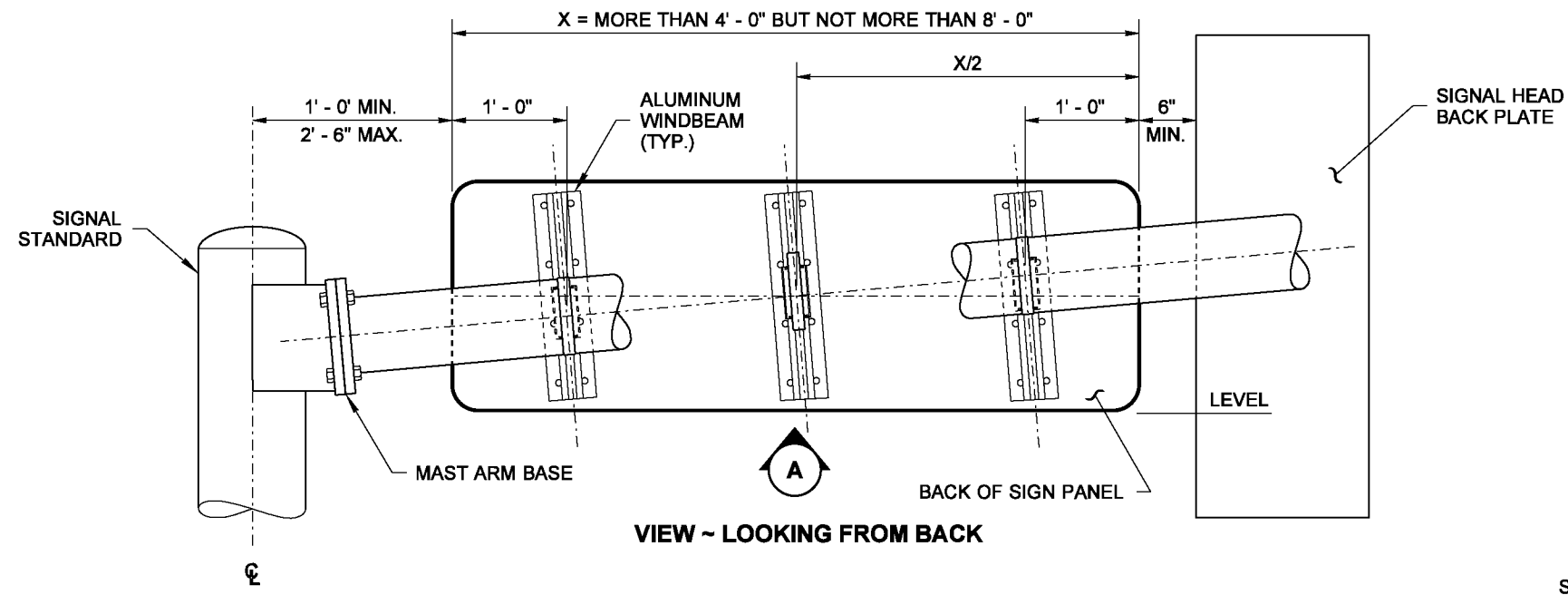
APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER  
Washington State Department of Transportation

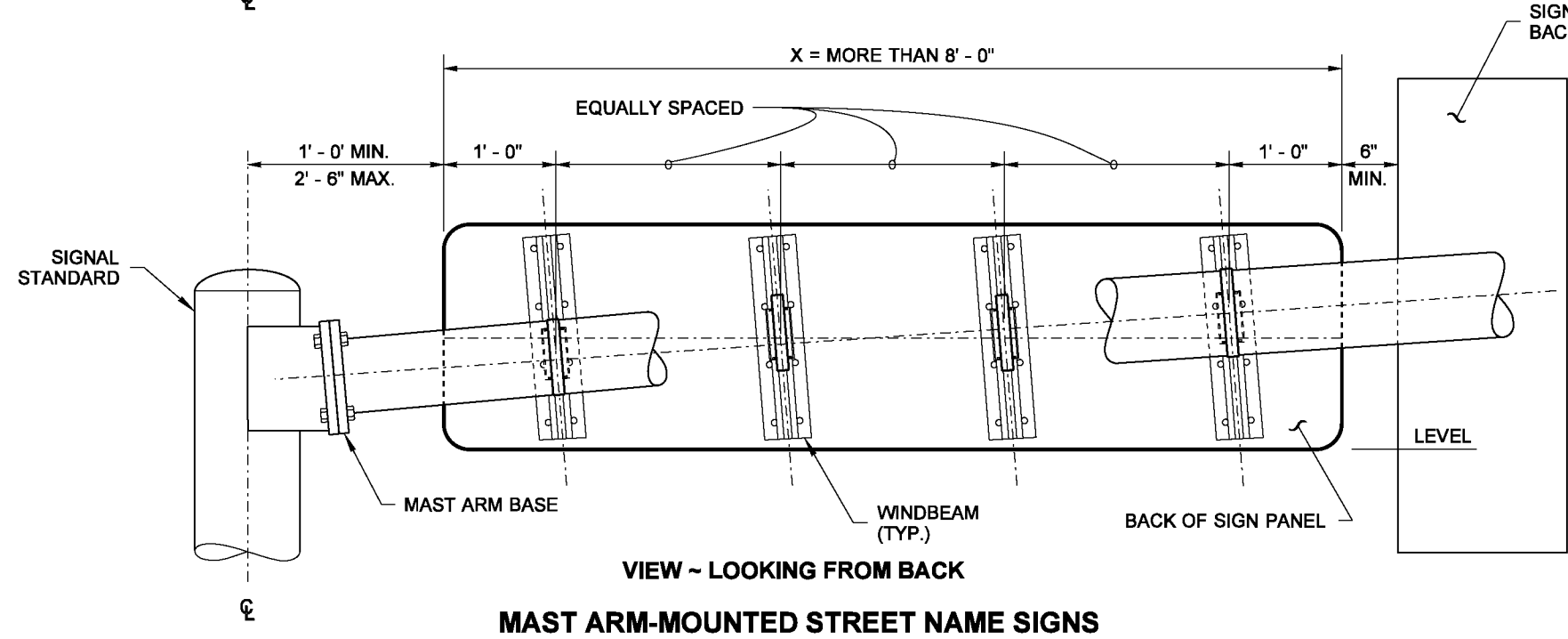
DRAWN BY: FERN LIDDELL



VIEW ~ LOOKING FROM BACK

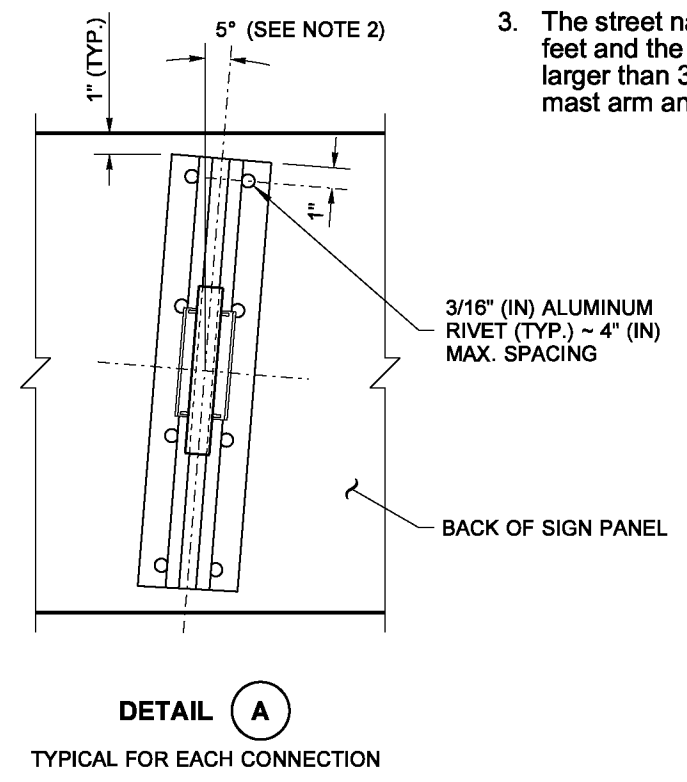


VIEW ~ LOOKING FROM BACK



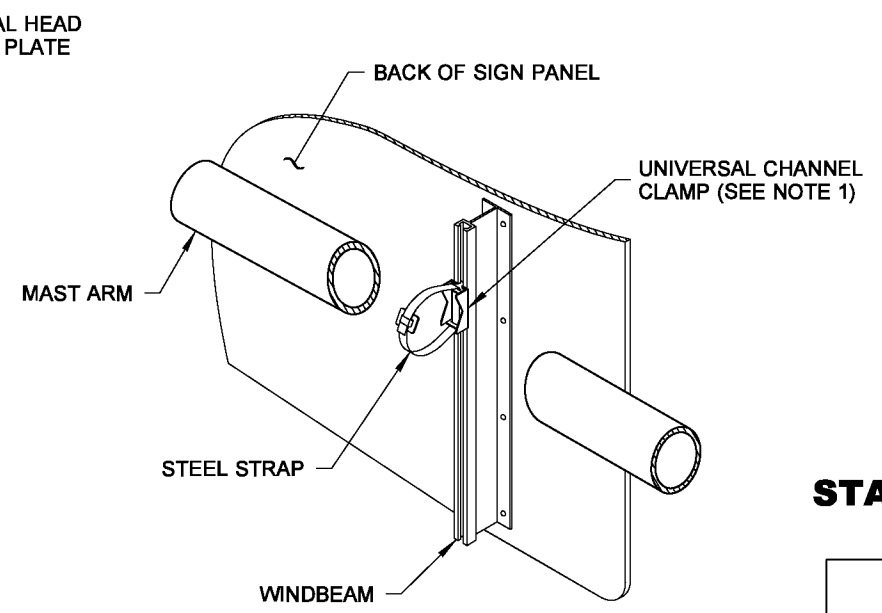
VIEW ~ LOOKING FROM BACK

**MAST ARM-MOUNTED STREET NAME SIGNS**



DETAIL A

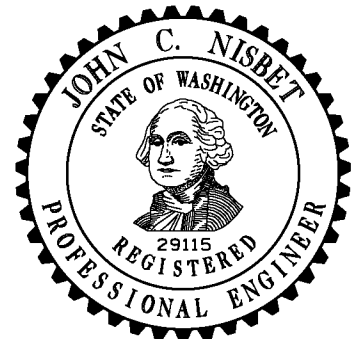
TYPICAL FOR EACH CONNECTION



TYPICAL MAST ARM INSTALLATION

**NOTES**

1. Mounting brackets with steel straps shall be a stainless steel band and buckle system product or an approved equal. Mounting brackets shall be universal channel clamps; steel straps shall be 3/4" (in) wide and 0.030" (in) thick.
2. All signs installed on mast arms or standards (poles) require windbeams. All signs shall be installed with horizontal edges level. A skewed windbeam is required only when the sign is mounted within 12" (in) of the mast arm base (see Detail "A").
3. The street name sign shall be a maximum of 36 square feet and the sign height is a maximum of 3' (ft); signs larger than 36 square feet require a special design mast arm and signal pole.



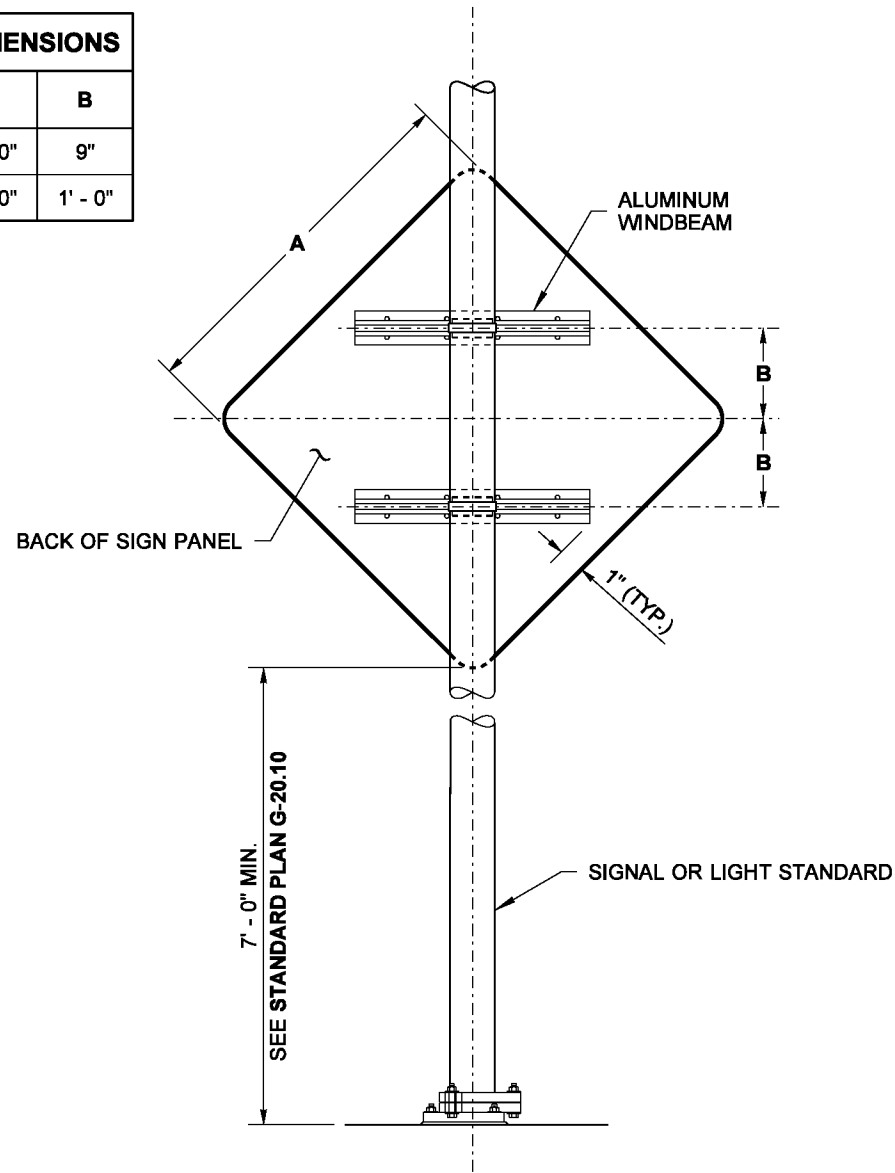
**SIGN INSTALLATION  
ON SIGNAL AND  
LIGHT STANDARDS  
STANDARD PLAN G-30.10-04**

SHEET 1 OF 2 SHEETS

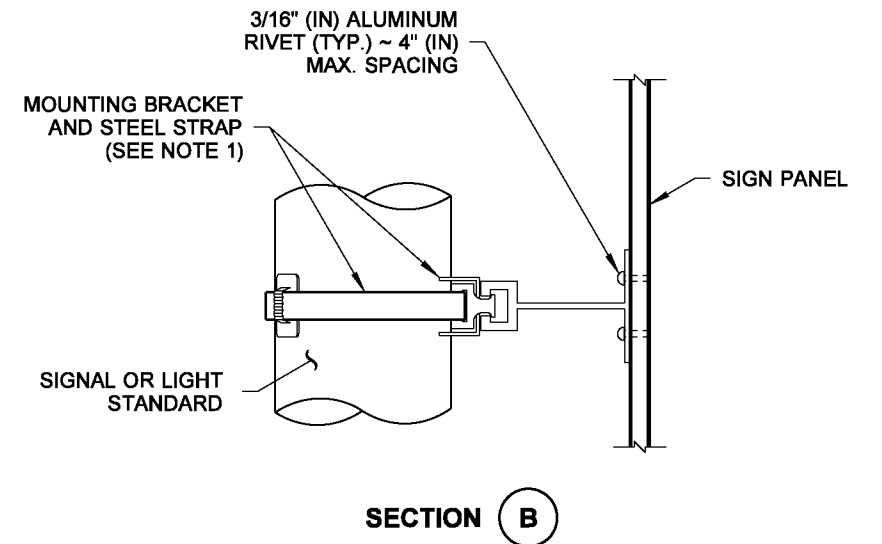
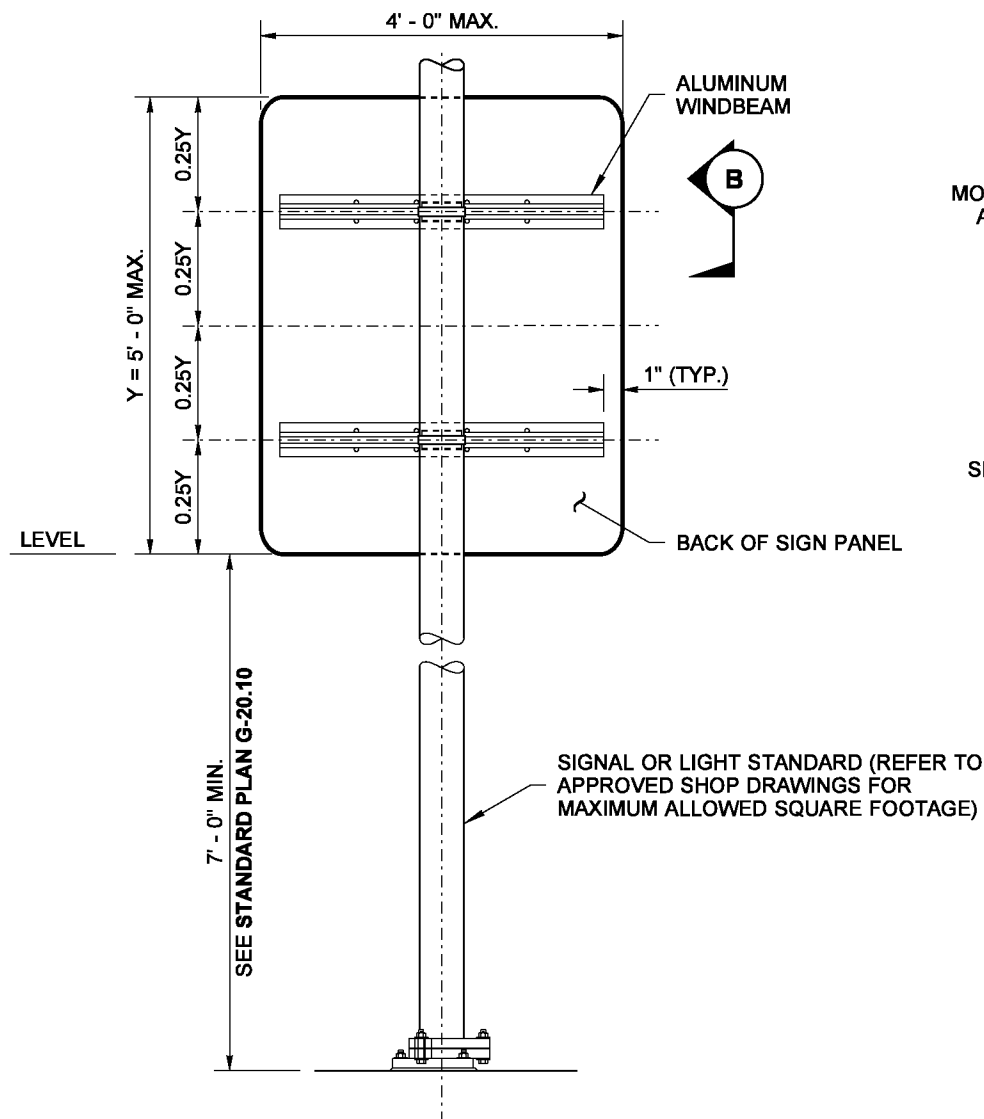
APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER  
Washington State Department of Transportation

DIMENSIONS	
A	B
3' - 0"	9"
4' - 0"	1' - 0"

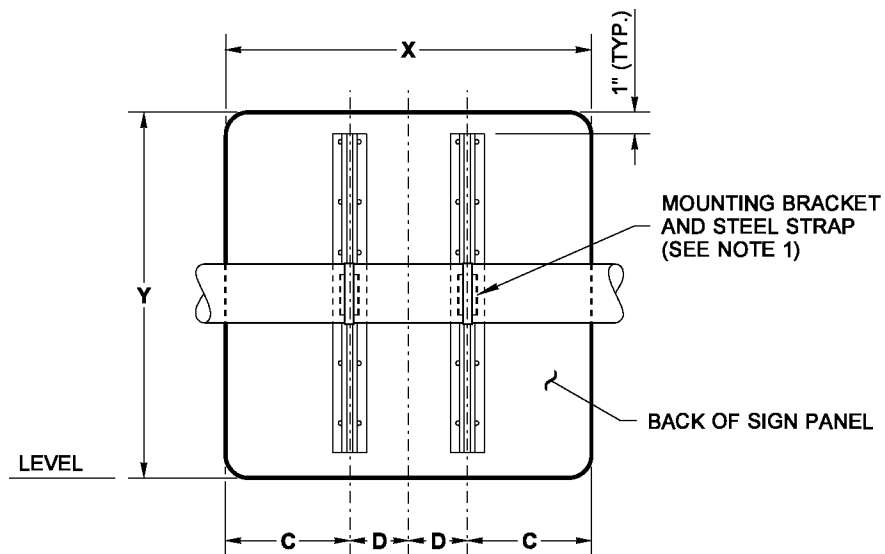


**SIGN INSTALLATION ON SIGNAL OR LIGHT STANDARD**

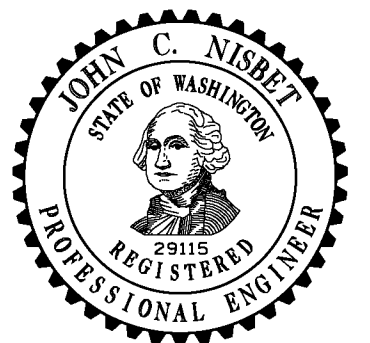


DIMENSIONS			
X	Y	C	D
3' - 0"	2' - 6"	1' - 0"	6"
3' - 0"	3' - 0"	1' - 0"	6"
3' - 0"	4' - 0"	1' - 3"	9"
4' - 0"	2' - 6"	1' - 3"	9"

**NOTE:**  
Any Lane Use Sign greater than 7.5 sq ft. requires a Special Design Mast Arm and Signal Pole.



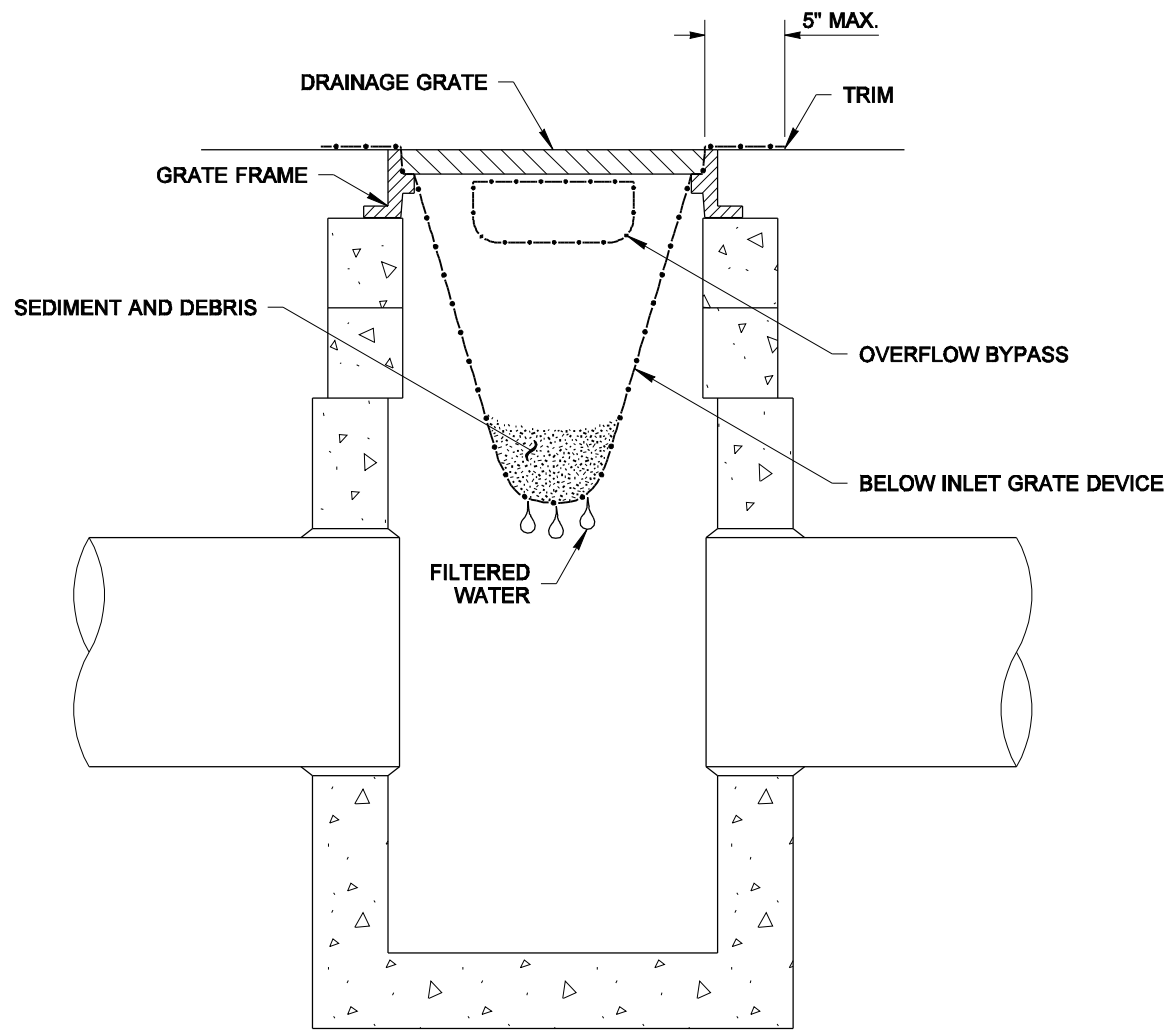
**MAST ARM-MOUNTED LANE USE SIGNS**



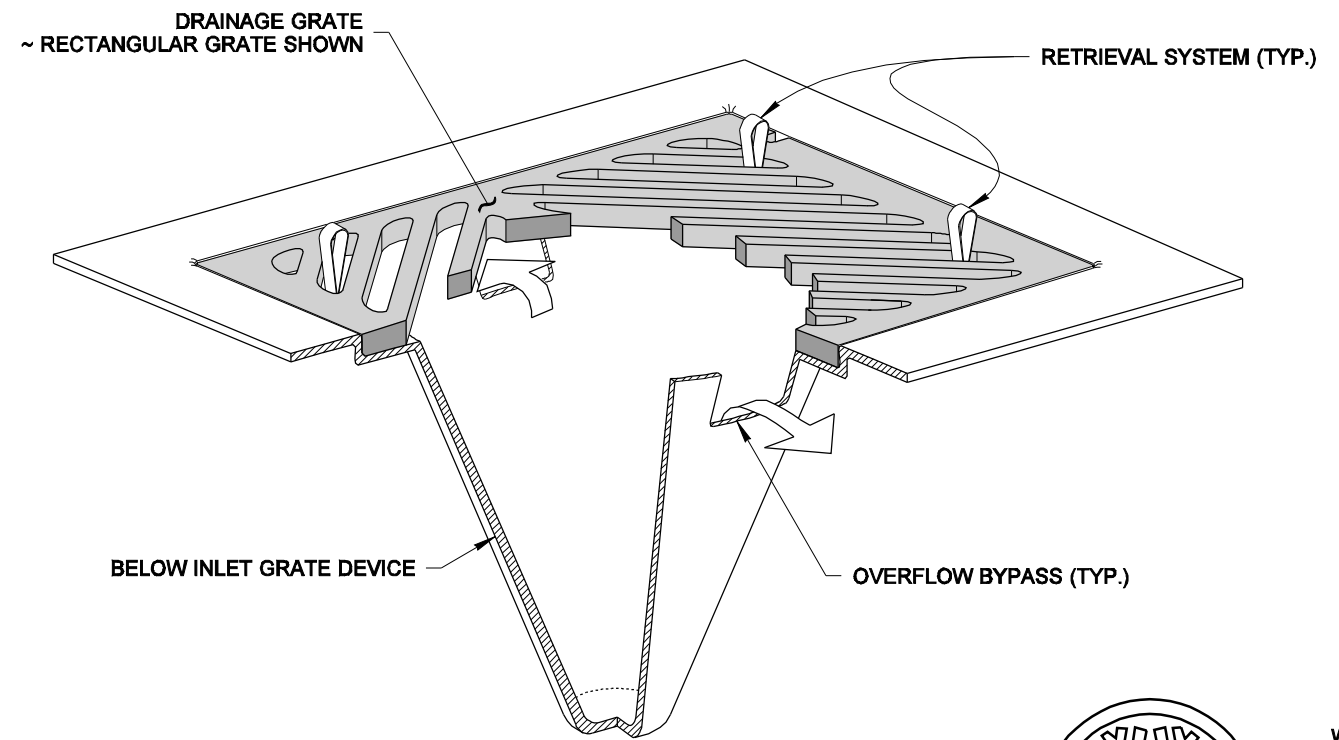
**SIGN INSTALLATION  
ON SIGNAL AND  
LIGHT STANDARDS  
STANDARD PLAN G-30.10-04**

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION



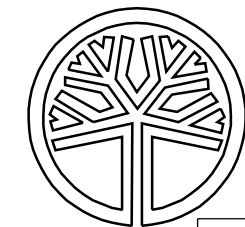
**SECTION VIEW**  
NOT TO SCALE



**ISOMETRIC VIEW**

**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).



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**

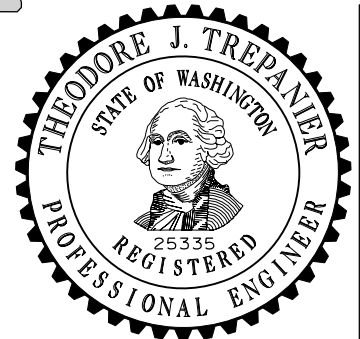
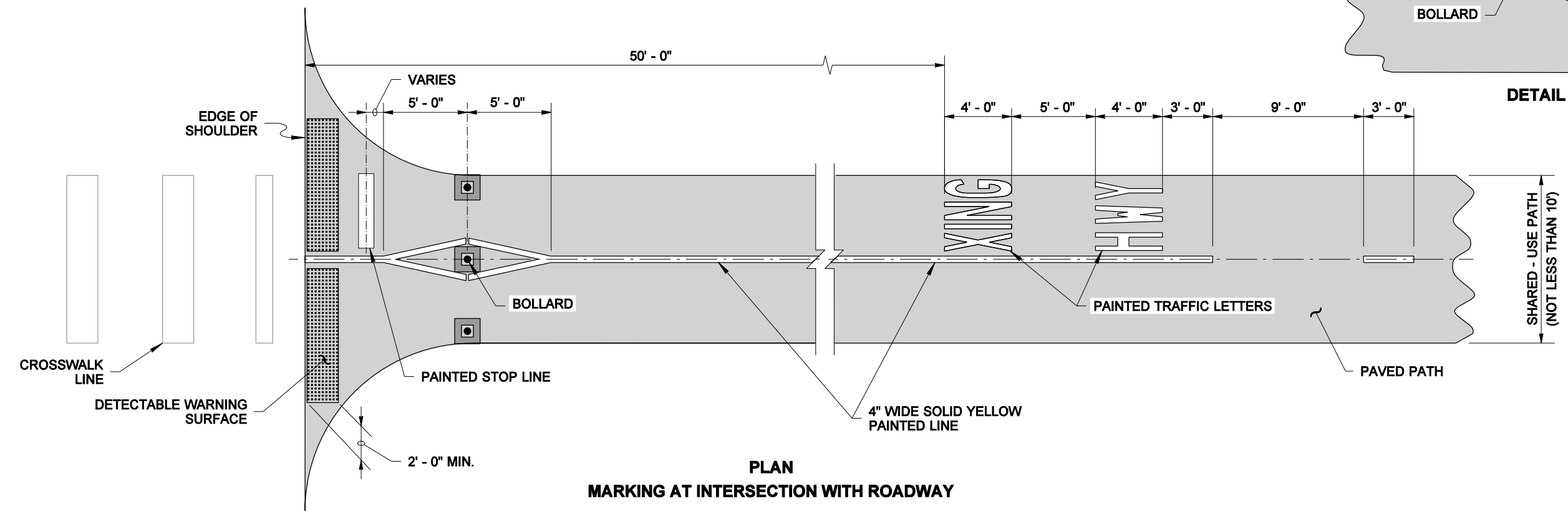
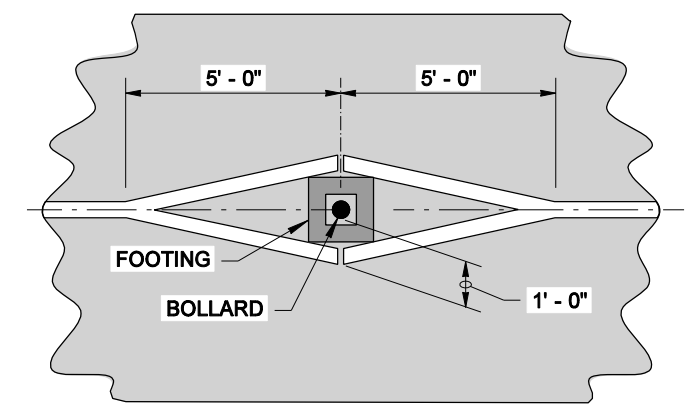
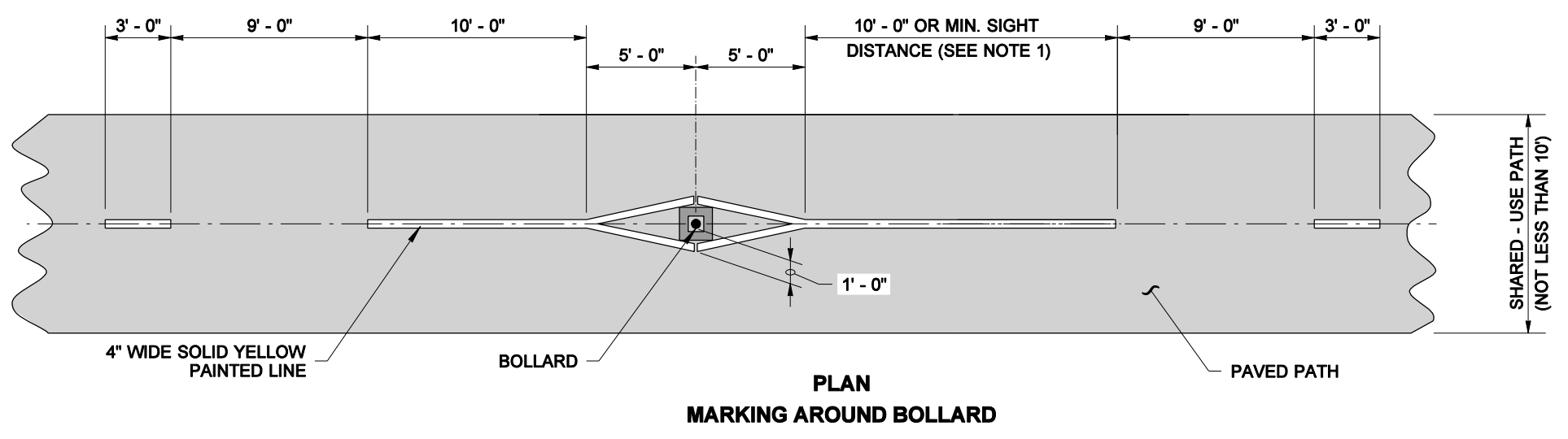
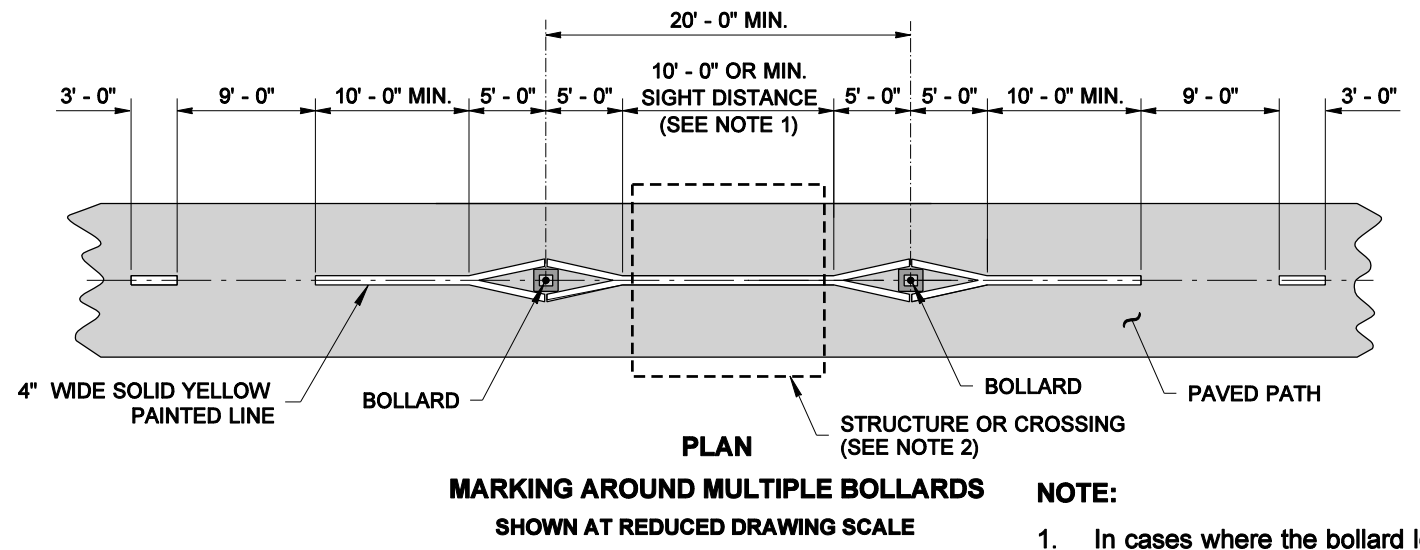
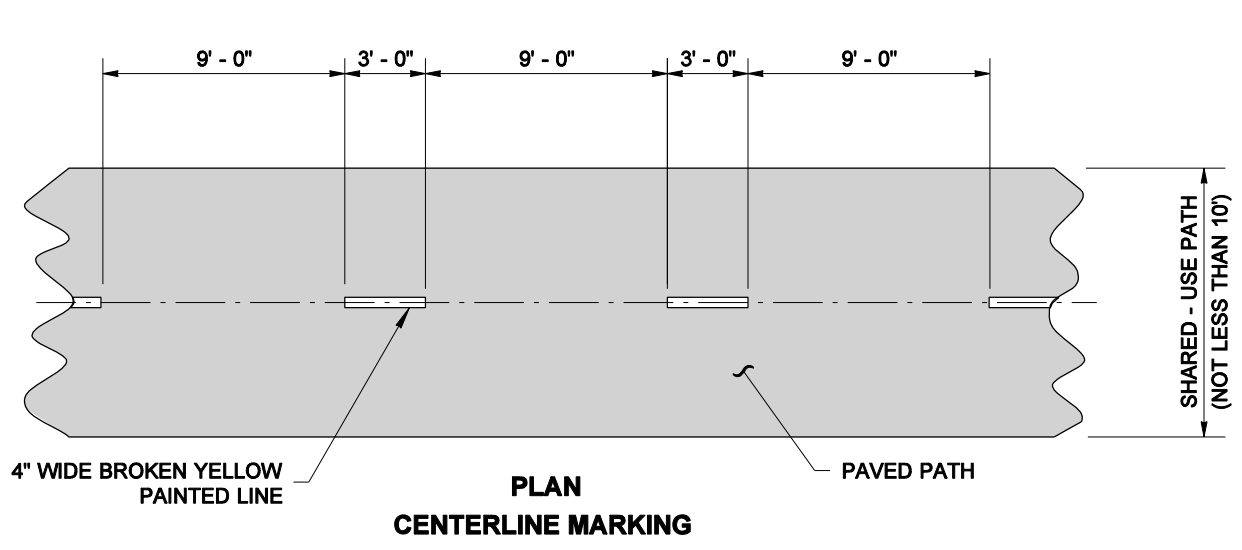
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 09-20-07  
STATE DESIGN ENGINEER DATE



Washington State Department of Transportation



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT  
 NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT  
 THE ENGINEER HAS REVIEWED THE CONTRACTS, SPECIFICATIONS AND PERMITS FOR THIS PROJECT AND HAS FOUND THEM TO BE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**SHARED - USE PATH MARKINGS**

**STANDARD PLAN M-9.60-00**

SHEET 1 OF 1 SHEET

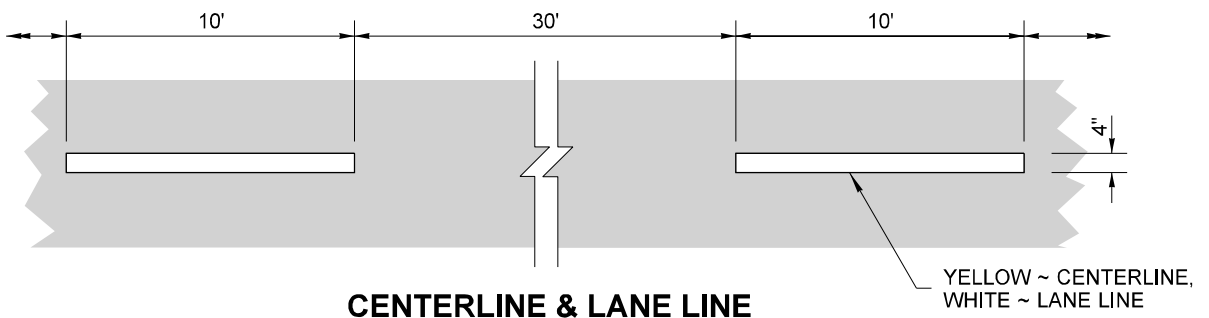
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 02-10-09  
 STATE DESIGN ENGINEER DATE

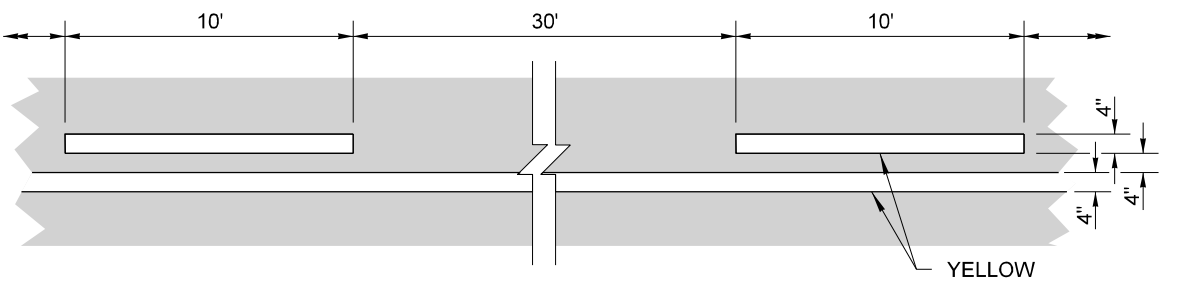
Washington State Department of Transportation



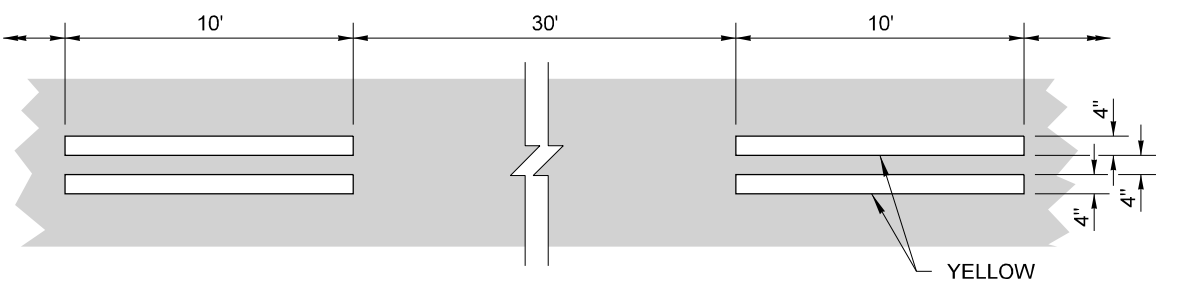
DRAWN BY: FERN LIDDELL



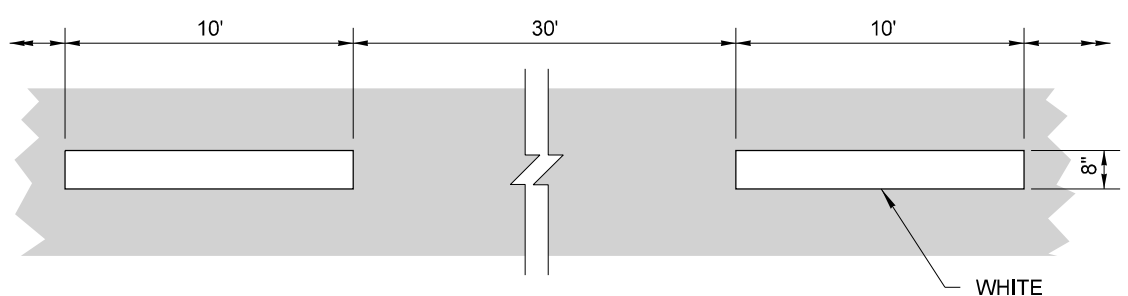
**CENTERLINE & LANE LINE**



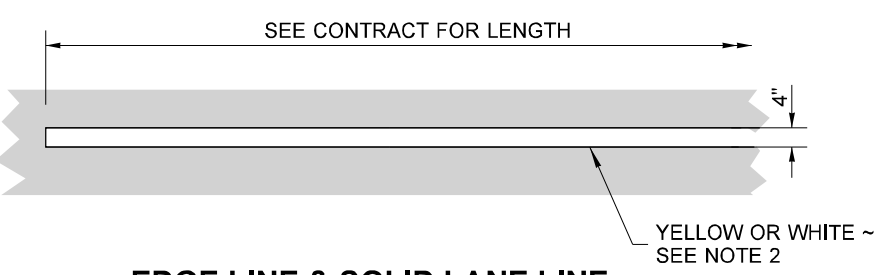
**NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE**



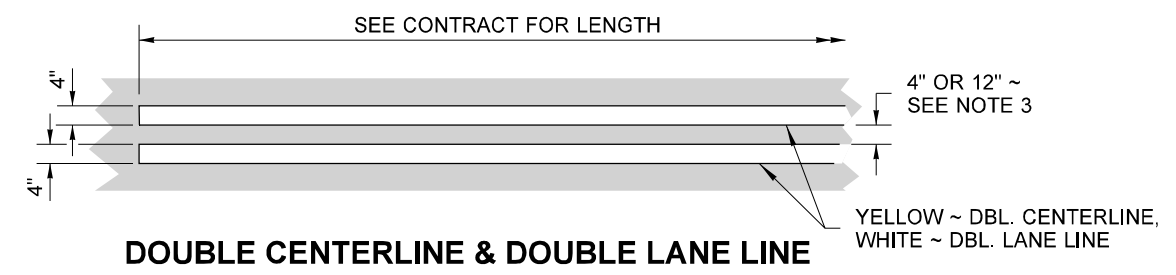
**REVERSIBLE LANE LINE**



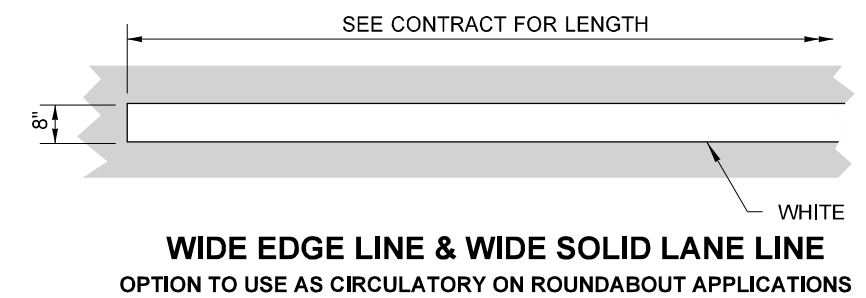
**WIDE BROKEN LANE LINE**



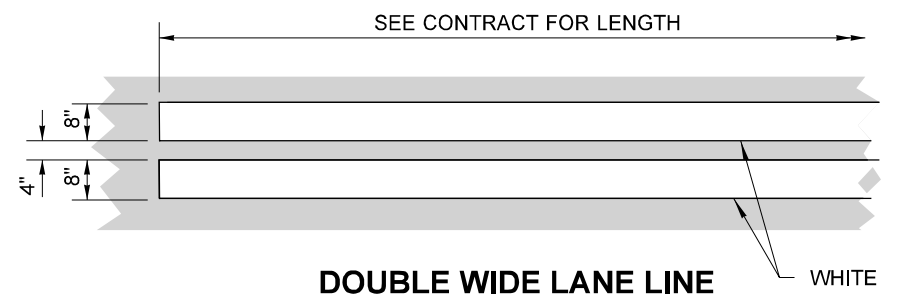
**EDGE LINE & SOLID LANE LINE**



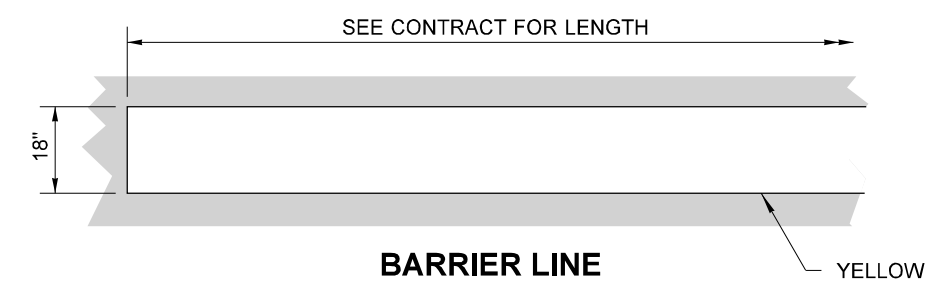
**DOUBLE CENTERLINE & DOUBLE LANE LINE**



**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".



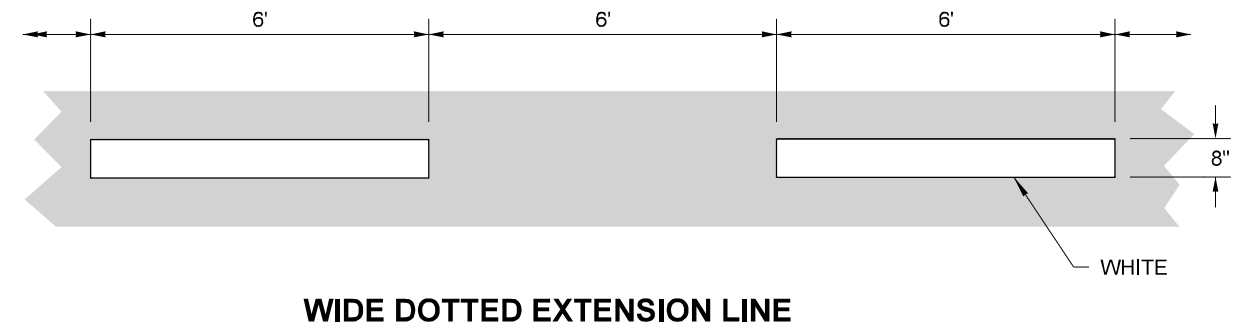
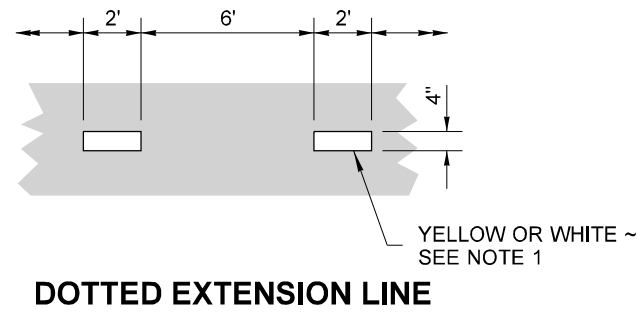
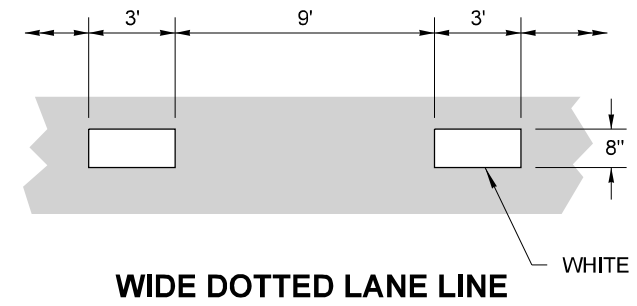
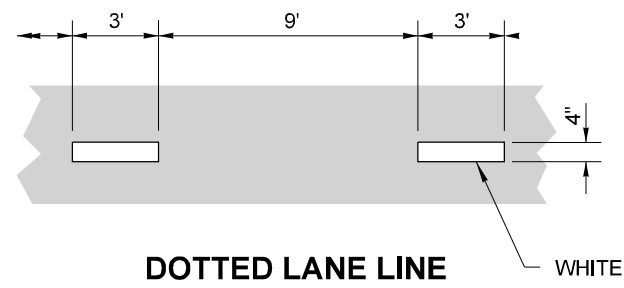
Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**

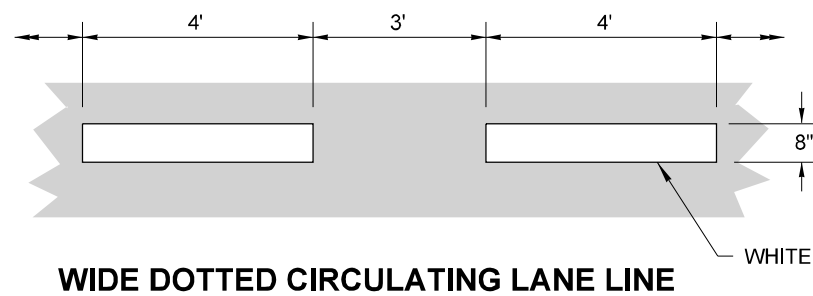
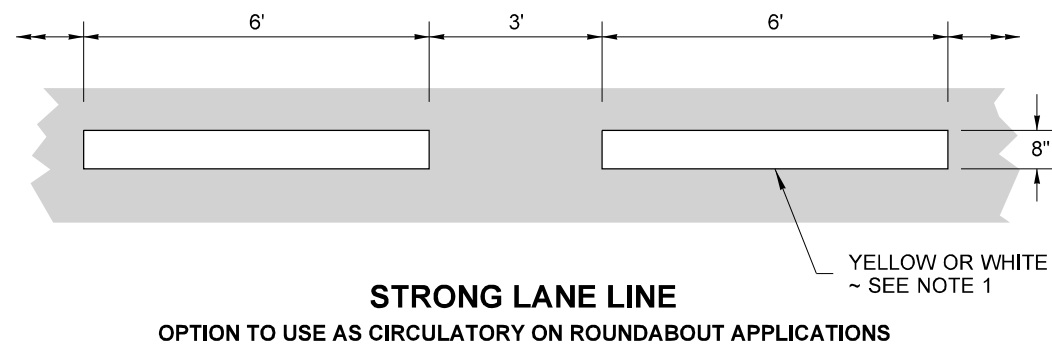
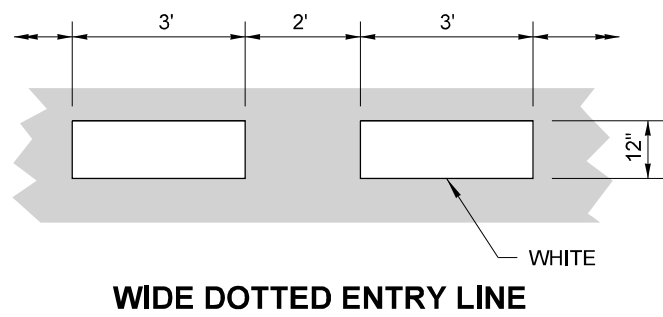
SHEET 1 OF 4 SHEETS

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 Mark Gaines (Aug 2, 2022 10:17 PDT)  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation  
 Aug 2, 2022

DRAWN BY: FERN LIDDELL



**ROUNDAOBT SPECIFIC LINES**



Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**

SHEET 2 OF 4 SHEETS

APPROVED FOR PUBLICATION

*Mark Gaines*  
 Mark Gaines (Aug 2, 2022 10:17 PDT)

Aug 2, 2022

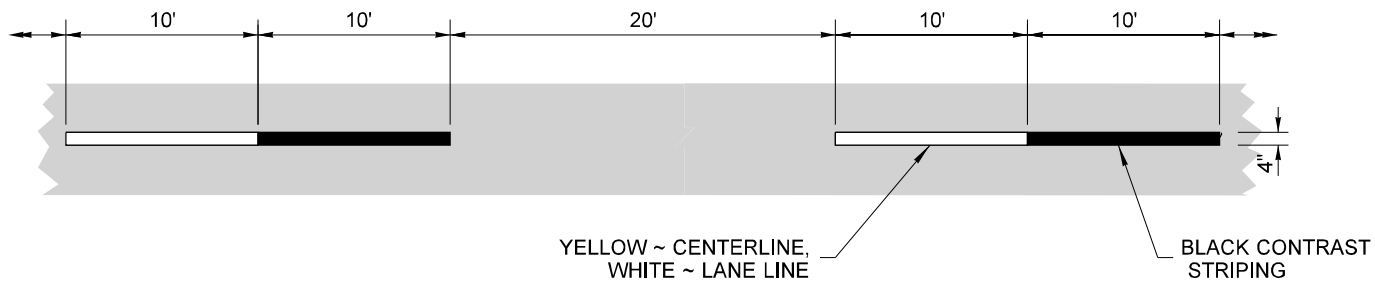
STATE DESIGN ENGINEER



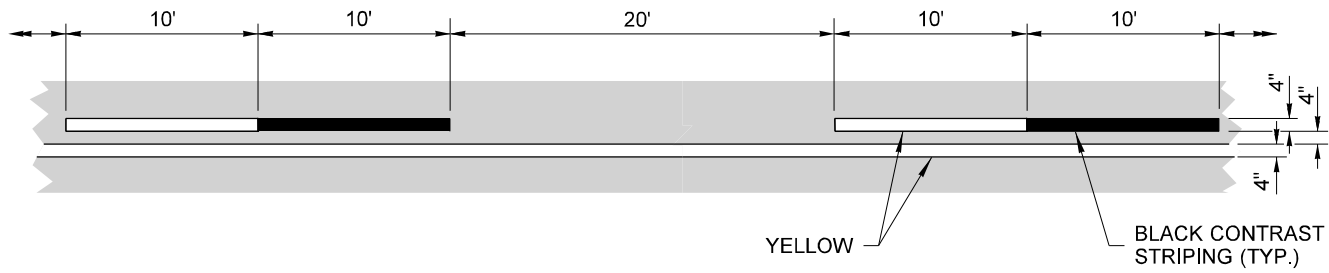
Washington State Department of Transportation

DRAWN BY: FERN LIDDELL

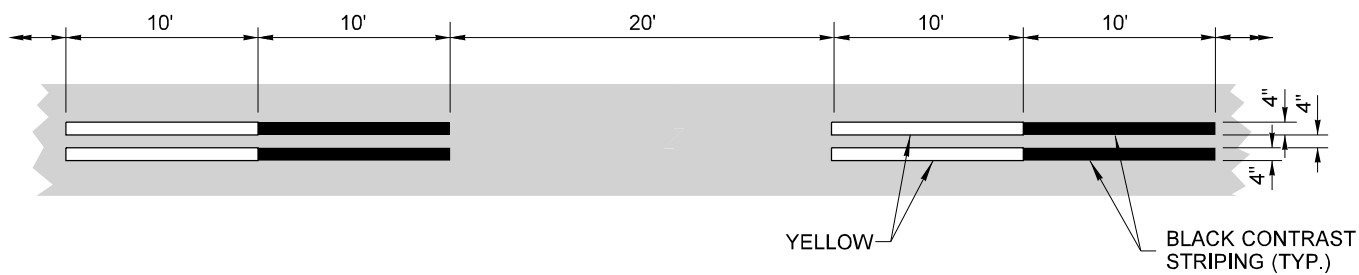
DIRECTION OF TRAFFIC  
(TYPICAL)



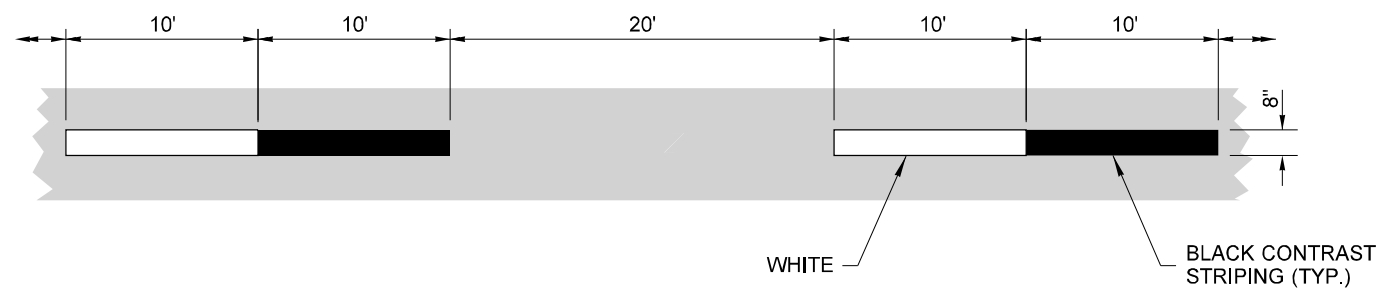
**CENTERLINE & LANE LINE**



**NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE**



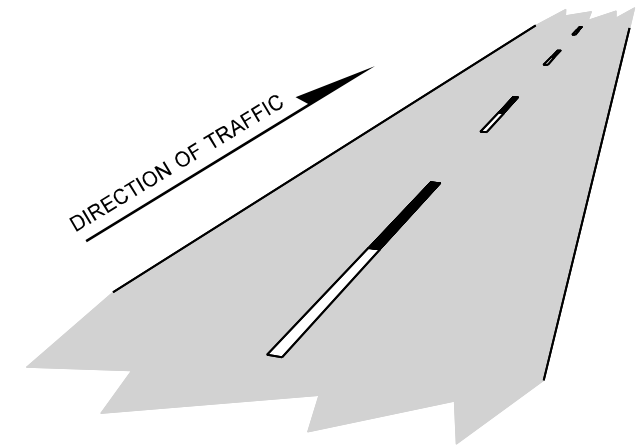
**REVERSIBLE LANE LINE**



**WIDE BROKEN LANE LINE**

**NOTE**

- 1. Dotted Extension Line shall be the same color as the line it is extending.



**ISOMETRIC VIEW**



Aug 1, 2022

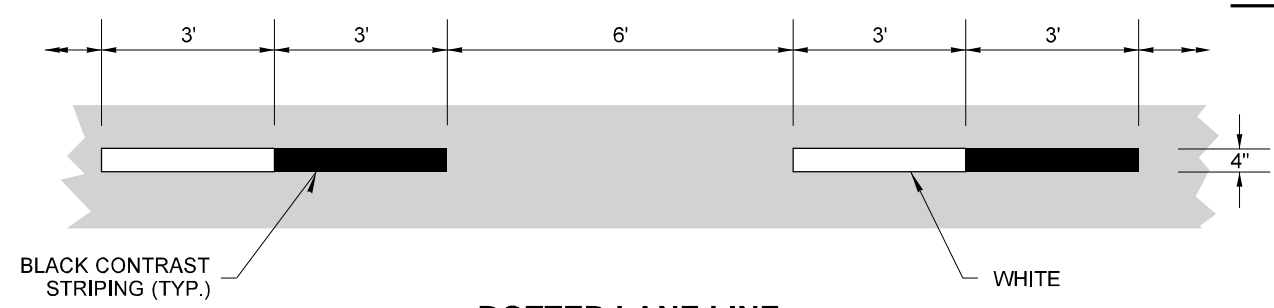
**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**

SHEET 3 OF 4 SHEETS

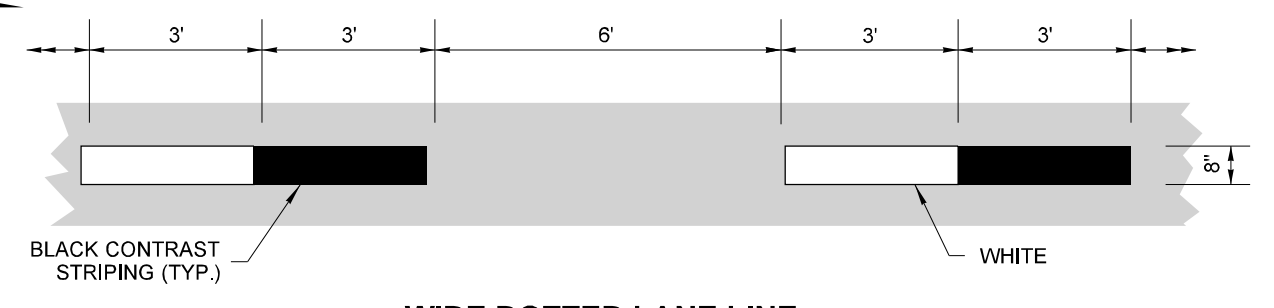
APPROVED FOR PUBLICATION  
*Mark Gaines*  
 Mark Gaines (Aug 2, 2022 10:17 PDT)  
 Aug 2, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

DRAWN BY: FERN LIDDELL

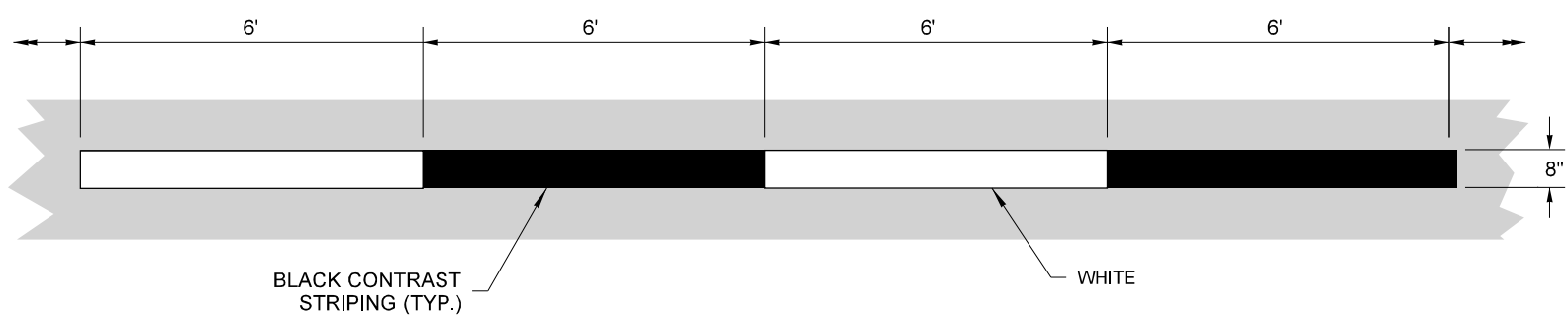
DIRECTION OF TRAFFIC  
(TYPICAL) →



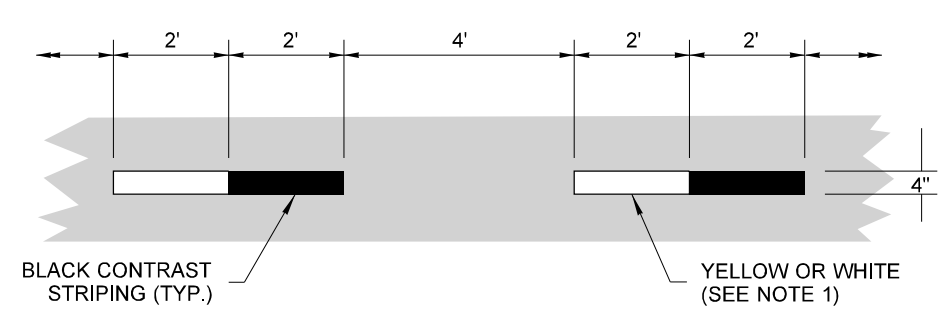
**DOTTED LANE LINE**



**WIDE DOTTED LANE LINE**

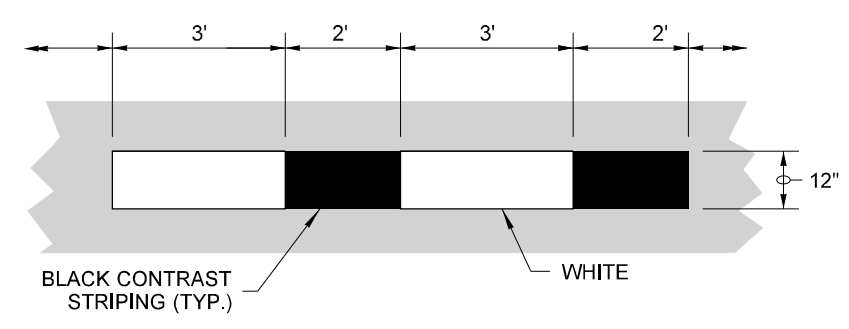


**WIDE DOTTED EXTENSION LINE**

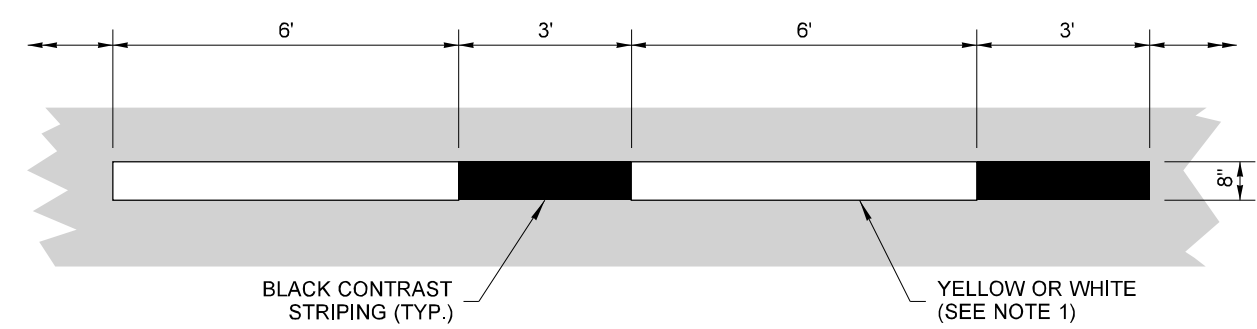


**DOTTED EXTENSION LINE**

**ROUNDAABOUT SPECIFIC LINES**

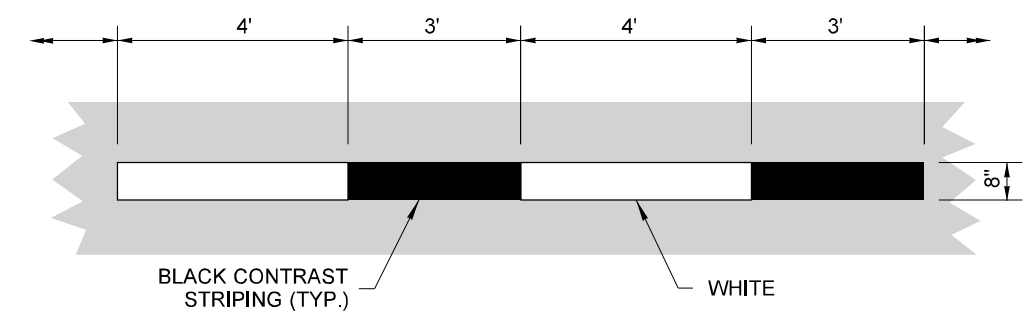


**WIDE DOTTED ENTRY LINE**



**STRONG LANE LINE**

OPTION TO USE AS CIRCULATORY ON ROUNDABOUT APPLICATIONS



**WIDE DOTTED CIRCULATING LANE LINE**



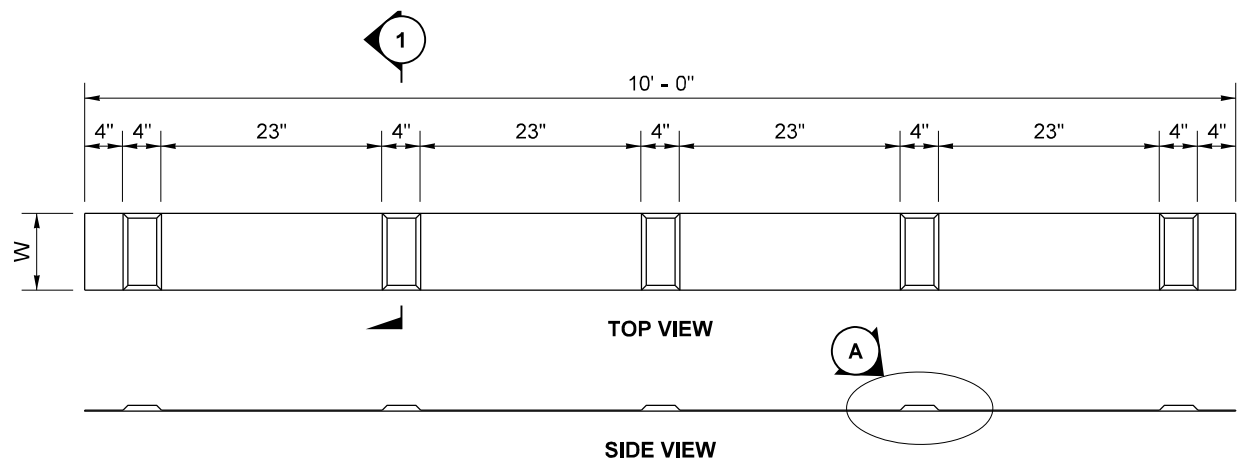
Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**

SHEET 4 OF 4 SHEETS

APPROVED FOR PUBLICATION  
 Mark Gaines (Aug 2, 2022 10:17 PDT)  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

Aug 2, 2022

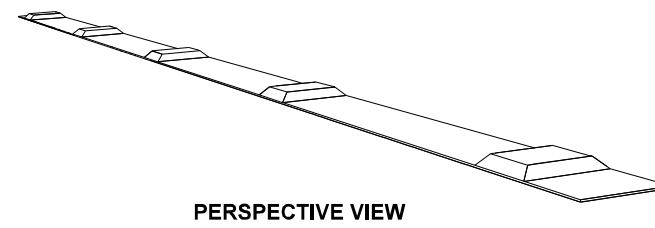


**PROFILED PLASTIC**  
(BROKEN LINE)

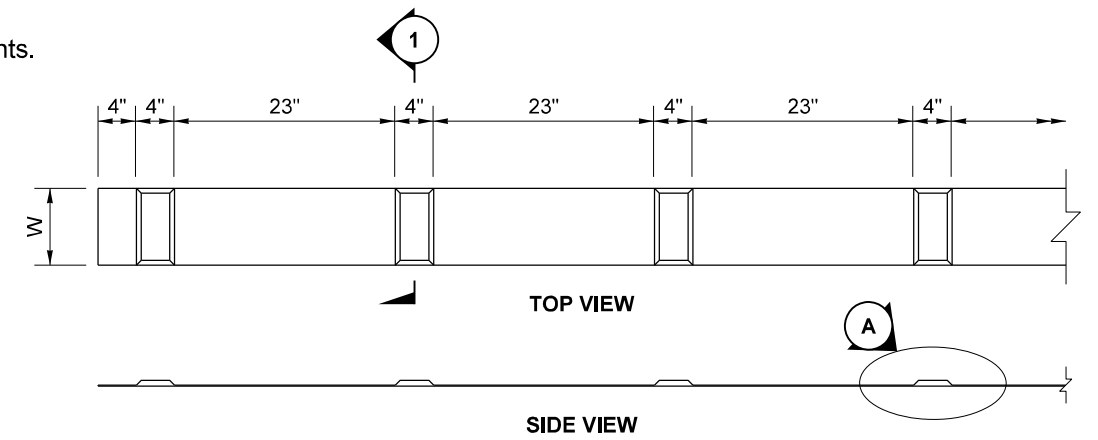
FOR: CENTERLINE & LANE LINE ~ W = 4"  
NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE ~ W = 4"  
REVERSIBLE LANE LINE ~ W = 4"  
WIDE BROKEN LANE LINE ~ W = 8"

**GENERAL NOTE**

See Standard Plan M-20.10 for pattern and color requirements.

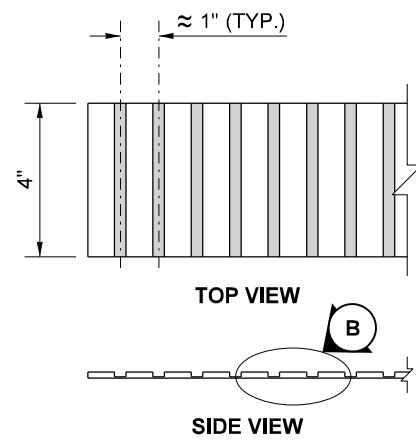


PERSPECTIVE VIEW



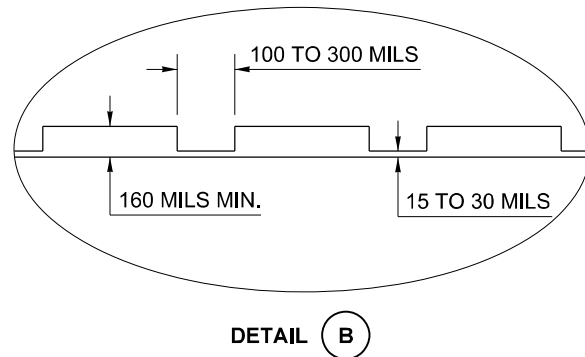
**PROFILED PLASTIC**  
(SOLID LINE)

FOR: NO-PASS LINE ~ W = 4"  
TWO-WAY LEFT-TURN CENTERLINE ~ W = 4"  
DOUBLE CENTERLINE & DOUBLE LANE LINE ~ W = 4"  
EDGE LINE & SOLID LANE LINE ~ W = 4"  
WIDE LANE LINE & WIDE LINE ~ W = 8"  
DOUBLE WIDE LANE LINE ~ W = 8"  
BARRIER CENTERLINE ~ W = 20"

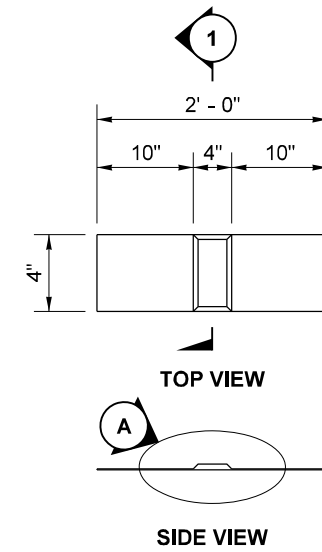


**EMBOSSSED PLASTIC**  
(SOLID OR BROKEN LINE)

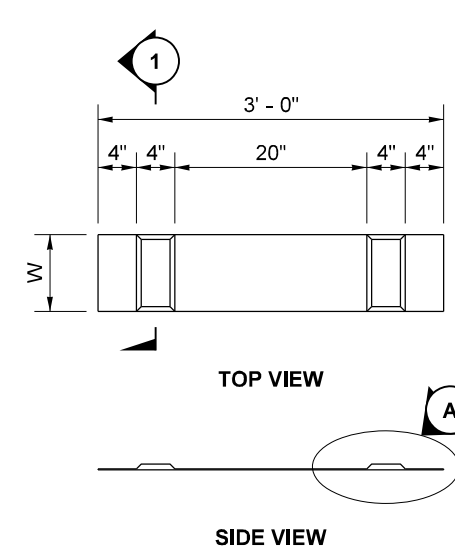
FOR: CENTERLINE & LANE LINE  
NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE  
REVERSIBLE LANE LINE  
DOUBLE CENTERLINE & DOUBLE LANE LINE  
EDGE LINE & SOLID LANE LINE



DETAIL B

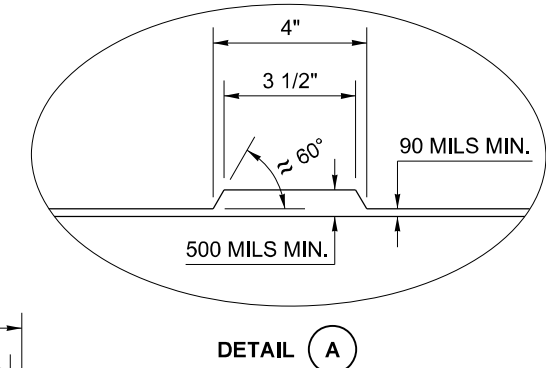


DOTTED EXTENSION LINE

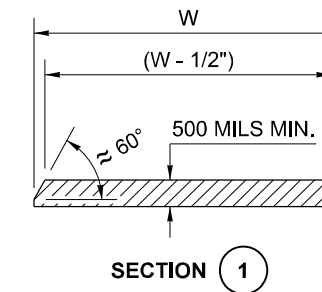


DOTTED LANE LINE ~ W = 4"  
WIDE DOTTED LANE LINE ~ W = 8"

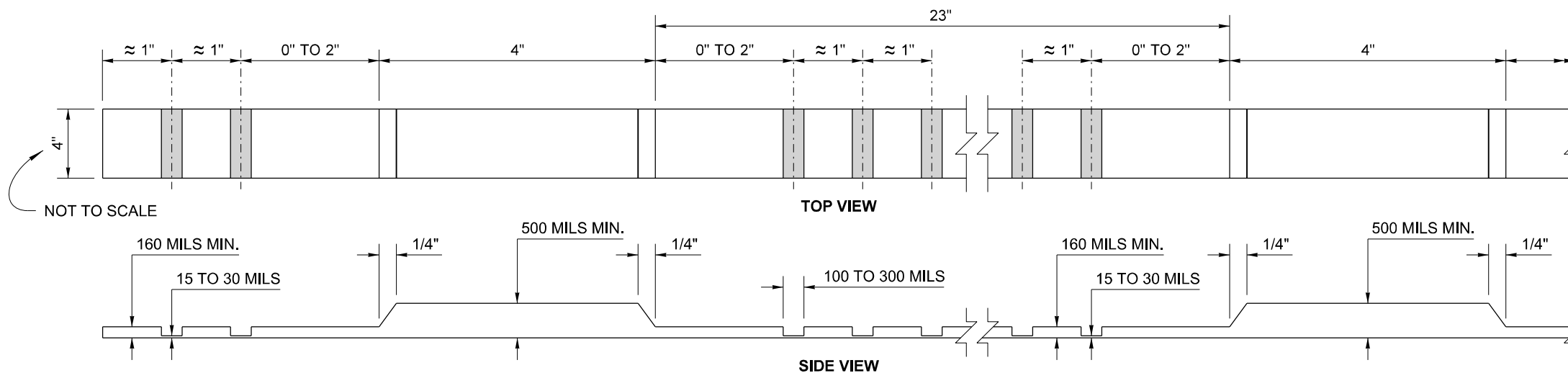
**PROFILED PLASTIC**  
(BROKEN LINE)



DETAIL A



SECTION 1



**PROFILED EMBOSSSED PLASTIC**  
(SOLID OR BROKEN LINE)

FOR: CENTERLINE & LANE LINE  
NO-PASS LINE  
TWO-WAY LEFT-TURN CENTERLINE  
REVERSIBLE LANE LINE  
DOUBLE CENTERLINE & DOUBLE LANE LINE  
EDGE LINE & SOLID LANE LINE



Walsh, Brian  
Apr 16 2015 2:27 PM

**PROFILED AND EMBOSSSED PLASTIC LINES**

**STANDARD PLAN M-20.20-02**

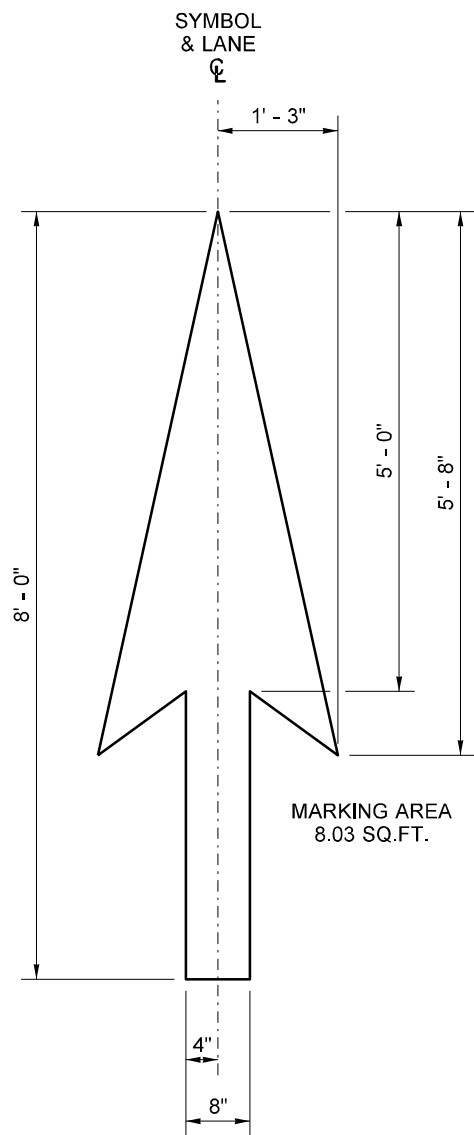
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Apr 20 2015 10:07 AM

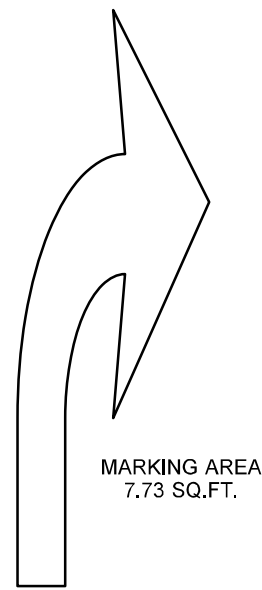


Washington State Department of Transportation



**TYPE 1S  
TRAFFIC ARROW**

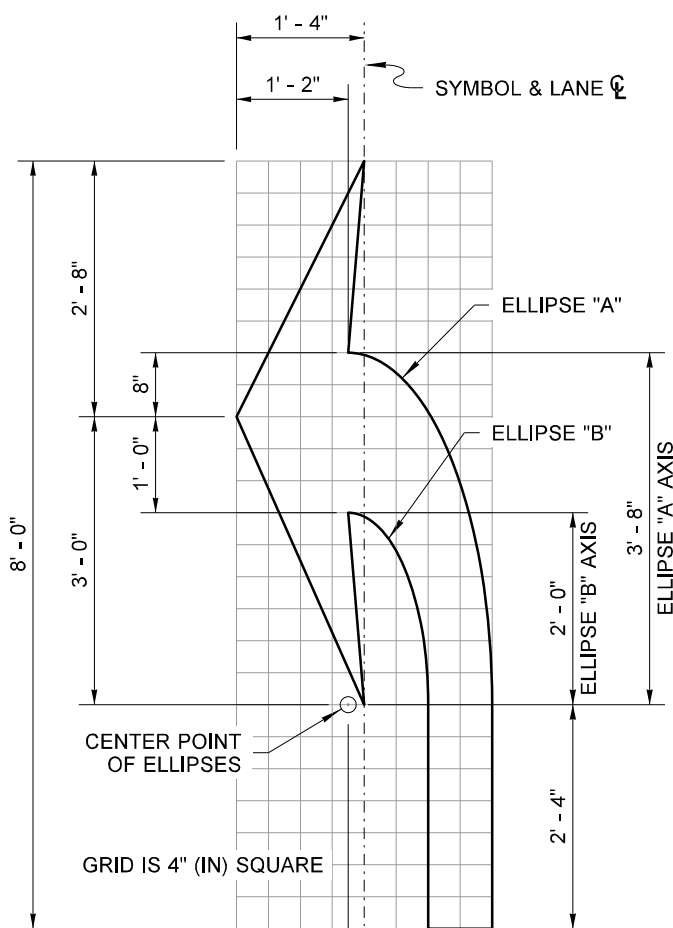
MARKING AREA  
8.03 SQ.FT.



MARKING AREA  
7.73 SQ.FT.

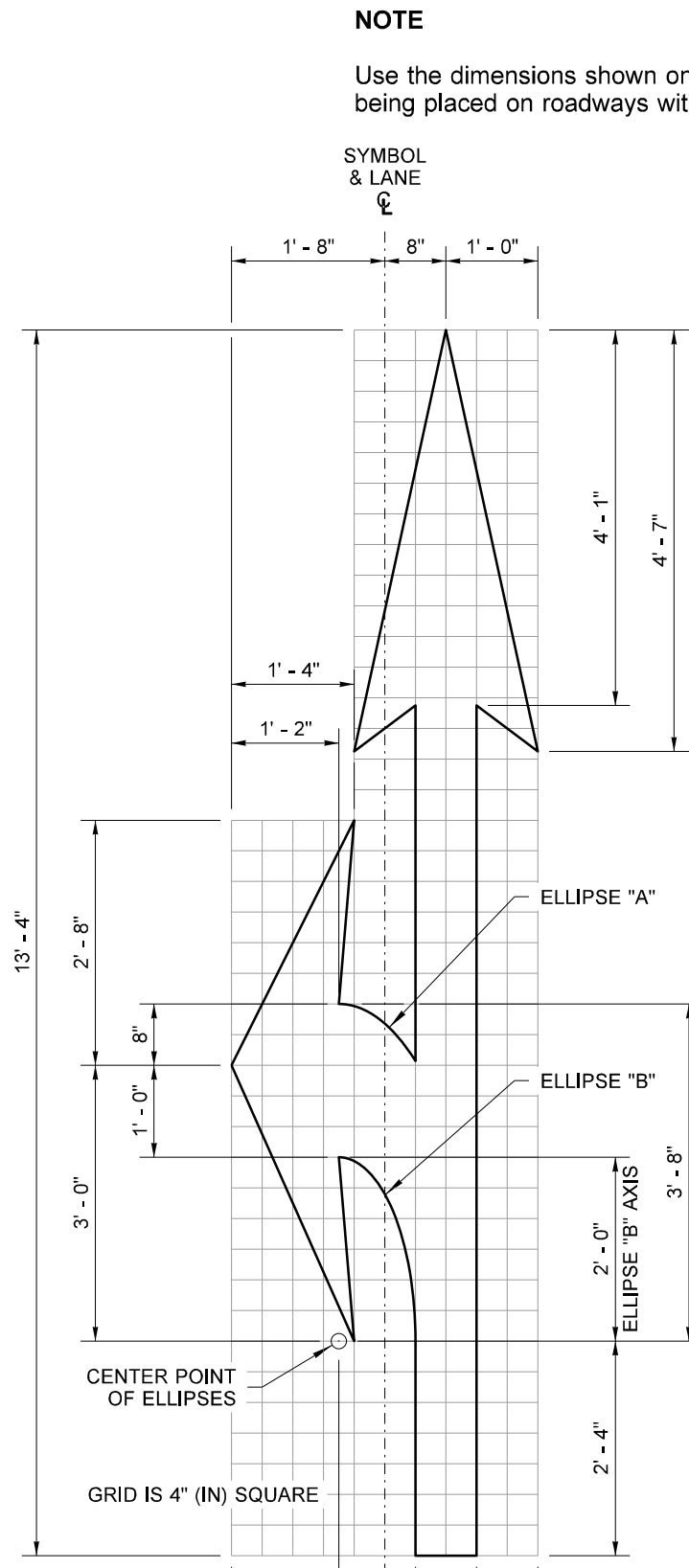
**TYPE 2SR (RIGHT)  
TRAFFIC ARROW**

MIRROR IMAGE OF  
TYPE 2SL TRAFFIC ARROW  
(SHOWN AT REDUCED SCALE)



MARKING AREA  
7.73 SQ.FT.

**TYPE 2SL (LEFT) TRAFFIC ARROW**

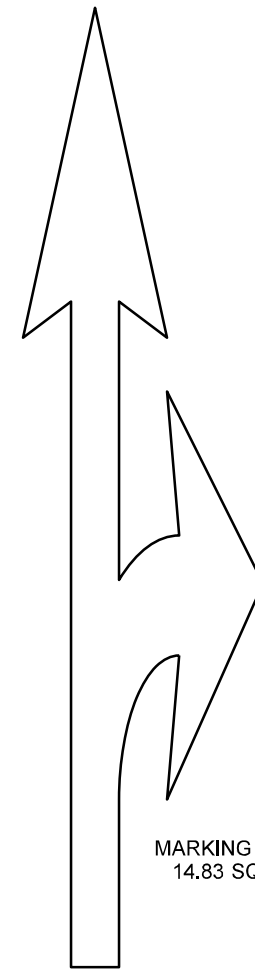


MARKING AREA  
14.83 SQ.FT.

**TYPE 3SL (LEFT) TRAFFIC ARROW**

**NOTE**

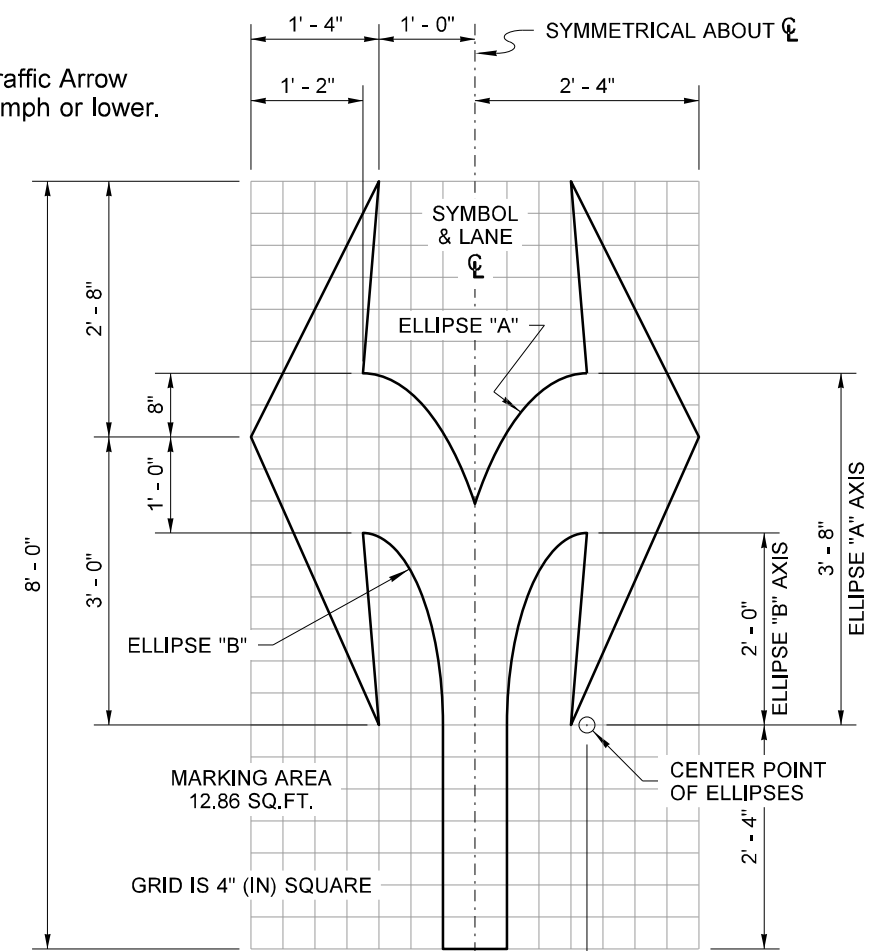
Use the dimensions shown on this plan for each type of Traffic Arrow being placed on roadways with a posted speed limit of 40 mph or lower.



MARKING AREA  
14.83 SQ.FT.

**TYPE 3SR (RIGHT)  
TRAFFIC ARROW**

MIRROR IMAGE OF  
TYPE 3SL TRAFFIC ARROW  
(SHOWN AT REDUCED SCALE)



MARKING AREA  
12.86 SQ.FT.

**TYPE 4S  
TRAFFIC ARROW**

DRAWN BY: COLBY FLETCHER



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

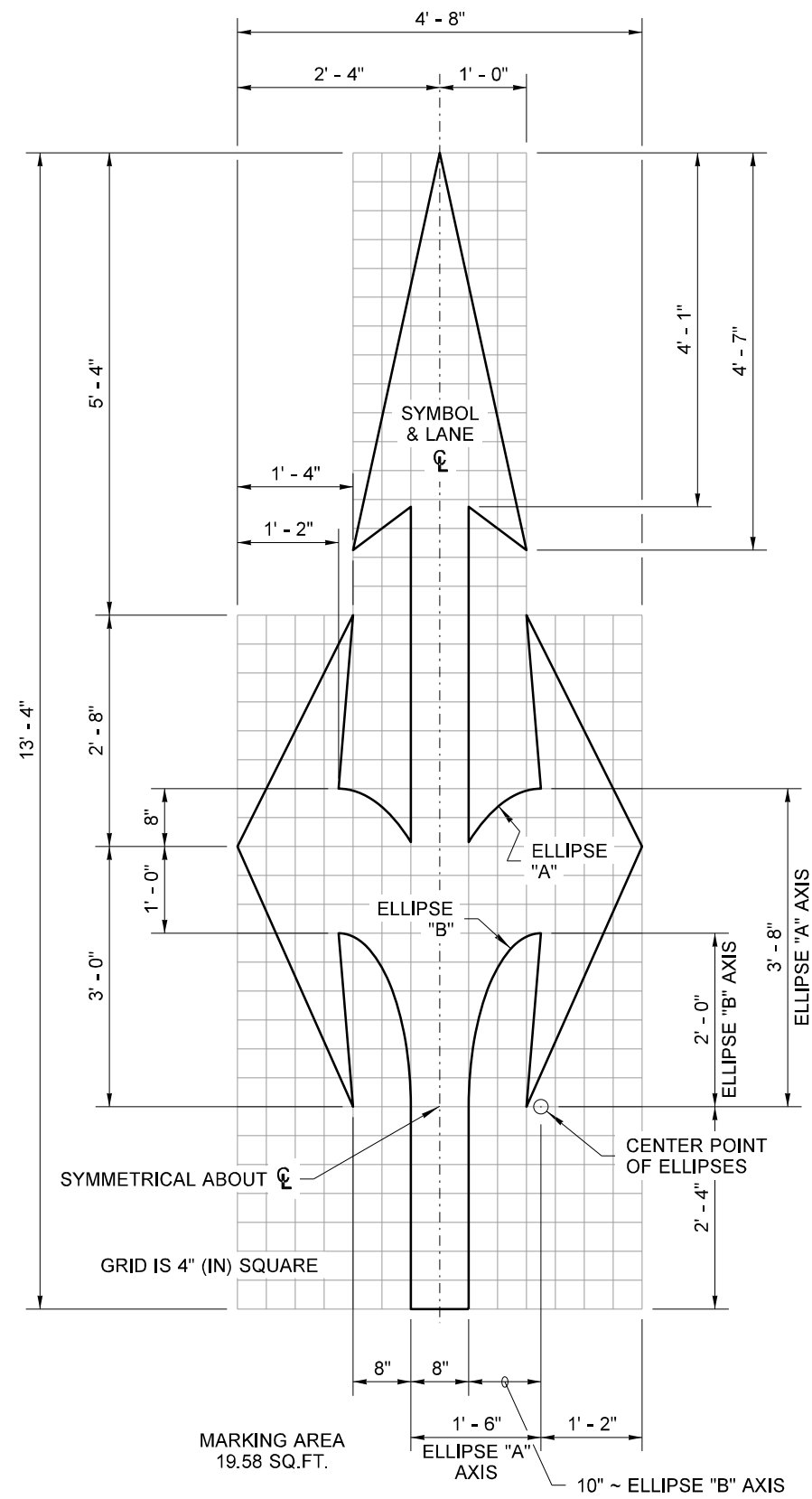
APPROVED FOR PUBLICATION

Bakotich, Pasco  
Apr 20 2015 10:11 AM

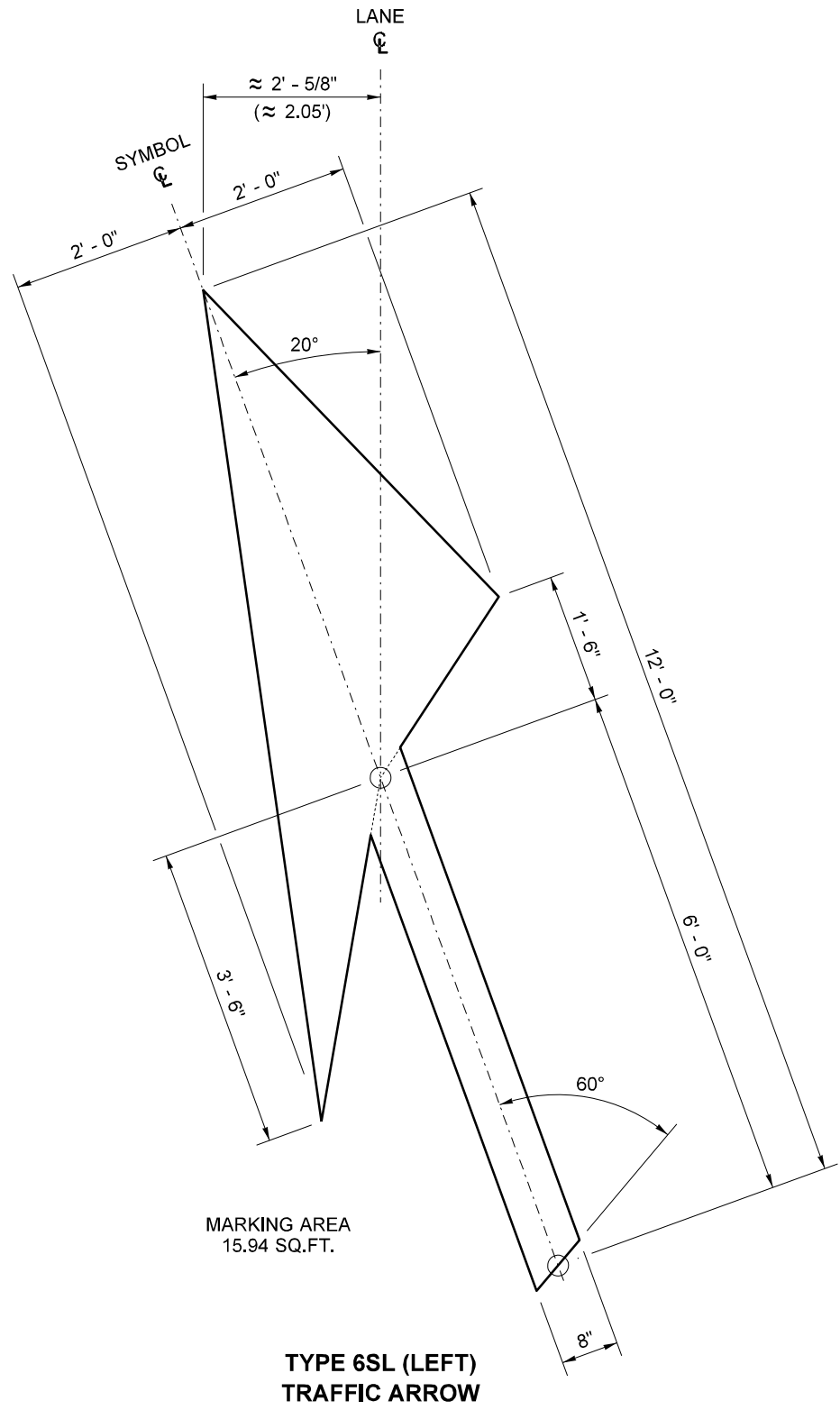
STATE DESIGN ENGINEER

Washington State Department of Transportation

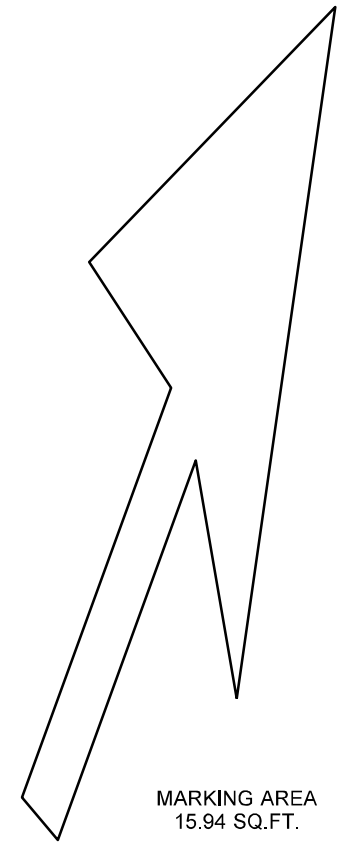
DRAWN BY: COLBY FLETCHER



**TYPE 7S TRAFFIC ARROW**



**TYPE 6SL (LEFT) TRAFFIC ARROW**



**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  
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Apr 20 2015 10:11 AM  
STATE DESIGN ENGINEER  
Washington State Department of Transportation

## VII. APPENDICIES



# APPENDIX A

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: 4/23/2023

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
King	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$89.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">8V</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$84.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$89.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$94.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$107.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$103.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$105.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$110.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$112.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker	\$114.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>

		0.01 - 72.00 PSI				
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$116.59	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$82.16	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$71.98	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Electronic Technicians</a>	Journey Level	\$62.13	<a href="#">7E</a>	<a href="#">1E</a>	<a href="#">View</a>
King	<a href="#">Fabricated Precast Concrete Products</a>	All Classifications - In-Factory Work Only	\$21.34	<a href="#">5B</a>	<a href="#">1R</a>	<a href="#">View</a>
King	<a href="#">Flaggers</a>	Journey Level	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Airtrac Drill Operator	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Ballast Regular Machine	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Batch Weighman	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Brick Pavers	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Brush Cutter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Brush Hog Feeder	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Burner	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Caisson Worker	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Carpenter Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Cement Dumper-paving	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Cement Finisher Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Change House Or Dry Shack	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Choker Setter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Chuck Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Clary Power Spreader	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Clean-up Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Form Stripper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Placement Crew	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>
King	<a href="#">Laborers</a>	Crusher Feeder	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a> <a href="#">View</a>

King	<a href="#">Laborers</a>	Curing Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Ditch Digger	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Diver	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Dry Stack Walls	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Dump Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Epoxy Technician	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Erosion Control Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Fine Graders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Firewatch	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Form Setter	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Gabian Basket Builders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	General Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grinders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grout Machine Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Guardrail Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	High Scaler	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Jackhammer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Laserbeam Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Maintenance Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Material Yard Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Mold Abatement Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast,	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

		gunite, shotcrete, water blaster, vacuum blaster)					
King	<a href="#">Laborers</a>	Pavement Breaker	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pilot Car	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Layer (Lead)	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Pot Tender	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Reliner	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Wrapper	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pot Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Powderman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Powderman's Helper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Power Jacks	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Raker - Asphalt	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Re-timberman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Remote Equipment Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rigger/Signal Person	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rip Rap Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rivet Buster	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rodder	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Scaffold Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Scale Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Sloper (Over 20")	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Sloper Sprayer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Spreader (Concrete)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Stake Hopper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Stock Piler	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Topper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

King	<a href="#">Laborers</a>	Track Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Track Liner (Power)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Traffic Control Laborer	\$51.48	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Traffic Control Supervisor	\$54.55	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Truck Spotter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tugger Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 0-30 psi	\$158.87	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$163.90	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$167.58	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$173.28	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$175.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$180.50	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$182.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$184.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$186.40	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tunnel Work-Miner	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Vibrator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Vinyl Seamer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Watchman	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Welder	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Well Point Laborer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Window Washer/Cleaner	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Landscape Construction</a>	Landscape Construction/Landscaping Or Planting Laborers	\$43.76	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Landscape Construction</a>	Landscape Operator	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operators	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Assistant Engineer	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: concrete	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Boat Operator	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Bobcat	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Brooms	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cableways	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Chipper	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Compressor	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - Laser Screed	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Conveyors	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Crusher	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Deck Engineer/Deck Winches (power)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Elevator and man-lift: permanent and shaft type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Forklift: 3000 lbs and over with attachments	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Forklifts: under 3000 lbs. with attachments	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Gradechecker/Stakeman	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Guardrail Punch	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Locator	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Operator	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Leverman	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Motor Patrol Graders	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>



King	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Power Plant	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Quad 9, Hd 41, D10 And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Quick Tower: no cab, under 100 feet in height base to boom	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rigger and Bellman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rollagon	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Service Engineers: Equipment	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shotcrete/Gunite Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

ing	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Spreader, Topsoiler & Screedman	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Cranes: over 250' in height from base to boom	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Welder	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Asphalt Plant Operators	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Assistant Engineer	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Batch Plant Operator, Concrete	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Boat Operator	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bobcat	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brooms	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bump Cutter	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableways	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Chipper	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressor	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Finish Machine - Laser Screed	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyors	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer/Deck Winches (power)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks, On Building Work	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Machine	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator and man-lift: permanent and shaft type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklift: 3000 lbs and over with attachments	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklifts: under 3000 lbs. with attachments	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gradechecker/Stakeman	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Guardrail Punch	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/Directional Drill Locator	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/Directional Drill Operator	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/boom trucks: over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>

ing	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Leverman	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotives, All	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Material Transfer Device	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Motor Patrol Graders	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pavement Breaker	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pile Driver (other Than Crane Mount)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Power Plant	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pumps - Water	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quad 9, Hd 41, D10 And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quick Tower: no cab, under 100 feet in height base to boom	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger and Bellman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollagon	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Plant Mix Or Multi-lift Materials	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Saws - Concrete	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers, Self-propelled: 45 Yards And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shotcrete/Gunite Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

ing	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Slipform Pavers	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader, Topside & Speedman	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Cranes: over 250' in height from base to boom	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Welder	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$55.78	<a href="#">0</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$35.73	<a href="#">0</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$19.09		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Surveyors</a>	Assistant Construction Site Surveyor	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Chainman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>

ing	<a href="#">Surveyors</a>	onstruction Site Surveyor	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Drone Operator (when used in conjunction with survey work only)	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Ground Penetrating Radar Operator	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Traffic Control Stripers</a>	Journey Level	\$51.90	<a href="#">7A</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Dump Truck	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Other Trucks	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>



## APPENDIX B



# Request to Subcontract Work

Prime Contractor		UBI Number		Contract Number	
Project Name				Request Number	
<b>Approval is Requested to Subcontract the Following Described Work To:</b>					
Contractor Name		Disadvantaged Business (DBE) <input type="checkbox"/>		Veteran Owned Business (VBE) <input type="checkbox"/>	
		Minority Owned Business (MBE) <input type="checkbox"/>		State Small Business (SBE) <input type="checkbox"/>	
		Woman Owned Business (WBE) <input type="checkbox"/>		Federal Small Business (FBE) <input type="checkbox"/>	
Address				UBI Number:	
City		State	Zip Code	Telephone Number	
<input type="checkbox"/> Subcontractor <input type="checkbox"/> Lower Tier Subcontractor If Lower tier Subcontractor, Name and UBI Number of Corresponding Subcontractor				Estimated Starting Date	

Item No.	Partial	Item Description	Amount
<b>Total Amount</b>			

<b>Subcontractor Responsibility Check (Attach Verification Documentation to this form):</b>			
Industrial Insurance Current (Employer Liability)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expiration Date:
State Contractor's License Status Active?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expiration Date:
Department of Revenue Account Open?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expiration Date:
Federal Debarment Listed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Date Checked:
WA Labor & Industries Debarment Listed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Date Checked:
Subcontractor responsibility has been verified and Contractor understands and will ensure that the Subcontractor will comply fully with the plans and specifications under which this work is being performed.		<b>Prime Contractor's Signature</b>	
		Date:	

City of Kenmore Use Only		
<b>Percent of Total Contract</b>	<input type="checkbox"/> Reviewed _____ Signature and Date	Certification for Federal-Aid Projects included <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
This Request _____ %		
Previous Request _____ %	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected _____ Signature and Date	Amount equals or exceeds DBE COA? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Sublet to Date _____ %		

## APPENDIX C

## APPENDIX D



# REQUEST FOR APPROVAL OF MATERIAL

Resubmittal?  Yes  No

Previous RAM #

Date Received

Project Name:	
Contract Number:	Date:
Contractor:	
Requested Date for Response:	

Contractor's Reference No.

					RAM #	
Item No.	Materials or Manufacturer's Product/Type	Name and Location of Fabricator, Manufacturer or Pit Number	Specification Section	QPL / ASA	Review Date	Review Code
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		
				<input type="checkbox"/>		

Construction Management Review	Date	Project Manager/Design Engineer	Date
--------------------------------	------	---------------------------------	------

**Comment Codes for use by the City – All reviews are for those submittals that correspond to the date reviewed**

Review is performed only for the limited purpose of checking for general conformance to plans and specifications and does not verify dimensions, completeness, quantities, or installation. Review does not relieve the contractor from providing materials as identified in the plans and specifications unless accompanied by an approved request for substitution, change order or construction directive.

<ol style="list-style-type: none"> <li>1. Submit "Satisfactory" Test Report for "review" prior to use of material</li> <li>2. Submit Manufacturer's Certificate of Compliance for "review" prior to use of material</li> <li>3. Manufacturer's Certificate of Compliance required at time of material delivery</li> <li>4. Submit sample for "review" and/or testing prior to use of material</li> <li>5. Submit Certificate of Material Origin</li> <li>6. Fabrication Inspection Required</li> <li>7. Final acceptance pending evaluation of Mock-up</li> <li>8. Material appears to meet plans and specifications</li> </ol>	<ol style="list-style-type: none"> <li>9. Material appears to meet plans and specifications as noted, see comments on submittal</li> <li>10. Visual inspection required at time of delivery prior to use of material</li> <li>11. Submit shop drawings for "review" prior to fabrication of material</li> <li>12. Submit color sample for "review" prior to purchase</li> <li>13. Material tags required at time of delivery</li> <li>14. Other: _____</li> <li>15. Does not meet plans/specifications, provide revised submittal</li> <li>16. See Remarks</li> </ol>
---	---

Remarks:

City of Kenmore Review	Date	Date Returned to Contractor:
------------------------	------	------------------------------



# Request for Information

<b>RFI Number</b>	<b>Date</b>

<b>Contract Number:</b>

<b>Project Name:</b>

To:

From Contractor:

\_\_\_\_\_

Subcontractor if applicable:

\_\_\_\_\_

Document Reference (Sheet, Detail, Spec.):

\_\_\_\_\_

**Request/Recommended Solution:**

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Attachments:

Date Response Needed:

Initiated by:

**City's Response:**

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\_\_\_\_\_

Attachments:

Response By: \_\_\_\_\_

Date: \_\_\_\_\_

Signature

Print Name

City concurrence: \_\_\_\_\_

Date: \_\_\_\_\_

Signature

Print Name

NOTE: This is not an authorization to proceed with work involving additional cost and/or time. Notification must be given in accordance with the Contract Documents if any response causes any change to the Contract Sum and/or Contract Time.

Response Transmitted: Date: \_\_\_\_\_

To: \_\_\_\_\_



# MATERIAL SUBSTITUTION REQUEST

IMPORTANCE: <input type="checkbox"/> Low <input type="checkbox"/> High	Date Response Needed :
Project Name:	Contract Number:
Material:	Date:
Bid Item Name:	Bid Item Number:

### Contract Specification

### Proposed Substitution

The attached has been provided for review:

- |                                   |                                     |   |                                |
|-----------------------------------|-------------------------------------|---|--------------------------------|
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Cut Sheets | <input type="checkbox"/> Color Samples          | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Sample   | <input type="checkbox"/> Test Data  | <input type="checkbox"/> Product Certifications |                                |

The undersigned warrants that the following items, unless modified on attachments are correct:

1. The proposed substitution does not affect dimensions shown on contract plans.
2. The undersigned will pay for changes, if any, to the design, including engineering design, detailing and additional construction costs caused by the requested substitution.
3. The substitution will have no adverse effect on other trades, DBE goals, the construction schedule, project cost, or specified warranty requirements. Any and all effects will be absorbed by the Contractor.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. This substitution conforms with the provided documents.
6. The function, appearance, quality, operation and maintenance of the proposed substitution are equivalent or superior to the specified item.

Submitted by: \_\_\_\_\_

Signature	Print Name	Date
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Engineer/Architect  Review not Required

City of Kenmore

- Accepted:     Accepted as Noted:  
 Not Accepted (see Notes):

- Accepted:     Accepted as Noted:  
 Not Accepted (see Notes):

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Notes:



# Document Submittal Form

Project Name: \_\_\_\_\_  
 Contract Number: \_\_\_\_\_  
 Contractor: \_\_\_\_\_

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Contractor Transmittal #: \_\_\_\_\_ Revision #: \_\_\_\_\_ Received Date Stamp \_\_\_\_\_  
 Contractor Date Sent: \_\_\_\_\_ Submittal #: \_\_\_\_\_ Date Returned to Contractor: \_\_\_\_\_

Item No.	Specification Section	Submittal Description	Substitution? (Ref#)	Review Decision

Contractor	Legend								
Review is only for general conformance with the information given in the contract documents. Contractor is responsible for conformance with all requirements of the Contract Documents, including but not limited to, all Federal, State and Local laws and regulations.	1	No Exceptions Taken							
	2	Comments Attached - No Revision/Resubmission Required							
	3	Comments Attached - Revise and Resubmit							
	4	Rejected - Revise and Resubmit - See Notes or Attached Comments							
	INC	Submittal Incomplete, resubmit - See Notes							
Signature	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">Reviewers Signature</td> <td style="width: 33%; border-bottom: 1px solid black;">Title</td> <td style="width: 33%; border-bottom: 1px solid black;">Date</td> </tr> <tr> <td style="border-bottom: 1px solid black;">City Signature</td> <td style="border-bottom: 1px solid black;">Title</td> <td style="border-bottom: 1px solid black;">Date</td> </tr> </table>			Reviewers Signature	Title	Date	City Signature	Title	Date
Reviewers Signature				Title	Date				
City Signature				Title	Date				
Print Name									
Date									

Notes: