

SECTION 312500

TEMPORARY EROSION AND SEDIMENT CONTROL

PART 1 GENERAL

1.1 SUMMARY

- A. The work includes constructing temporary erosion and sediment control measures (TESC).

1.2 STANDARD SPECIFICATIONS

- A. All work to be performed and materials to be used shall be in accordance with 2022 Standard Specifications and Standard Plans for Road, Bridge, and Municipal Construction, as published by the Washington State Department of Transportation (WSDOT).
- B. The Contractor shall have one copy of WSDOT Standard Specifications and Standard Plans at the job site.
- C. The WSDOT Standard Specifications apply only to performance and materials and how they are to be incorporated into the work. The legal/contractual relationship sections and the measurement and payment sections do not apply to this document.

PART 2 PRODUCTS

2.1 TESC MATERIALS

- A. All materials shall meet the WSDOT Standard Specifications.

PART 3 EXECUTION

3.1 TESC IMPLEMENTATION

- A. The Contractor shall implement the TESC measures in accordance with WSOT requirements and as shown on the drawings.

END OF SECTION

**SECTION 321217
ASPHALT PAVING**

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes
 - 1. Hot-mix asphalt (HMA)

1.2 STANDARD SPECIFICATIONS

- A. All work to be performed and materials to be used shall be in accordance with the 2022 Standard Specifications and Standard Plans for Road, Bridge, and Municipal Construction, as published by the Washington State Department of Transportation (WSDOT) and all amendments, unless otherwise indicated herein.
- B. The Contractor shall have one copy of these standards at the job site.
- C. The WSDOT Standard Specifications apply only to performance and materials and how they are to be incorporated into the work. The legal/contractual relationship sections and the measurement and payment sections do not apply to this document.

1.3 SUBMITTALS

- A. Submit the following for review and approval prior to placement:
 - 1. Product data for each proposed product.
 - 2. Mix design for asphalt paving.

PART 2 PRODUCTS

2.1 HOT MIX ASPHALT (HMA)

- A. Hot mix asphalt shall be Class 1/2-inch (PG 58H-22) with materials conforming to sections 5-04.2 and 9-02 of the WSDOT standard specifications.
- B. Hot mix asphalt concrete for use in the speed bumps shall be with materials conforming to sections 5-04.2 and 9-02 of the WSDOT standard specifications.

PART 3 EXECUTION

3.1 SURFACE PREPARATION

- A. Existing pavement surfaces subject to hot mix asphalt overlay shall be prepared in accordance with Section 5-04.3(4) of the WSDOT standard specifications.
 - 1. Potholes, depressions, and irregular pavement surface features shall be brought to a uniform grade with adjacent pavement with a hot mix asphalt prelevel course in accordance with Section 5-04.3(4) of the WSDOT standard specifications.
 - 2. All existing pavement subject to hot mix asphalt overlay shall be cleaned and prepared in accordance with Section 5-04.3(4)
 - 3. All cracks and joints ¼ inch and greater in width shall be sealed in accordance with Section

5-04.3(4)A.

3.2 HOT MIX ASPHALT

- A. Installation of hot mix asphalt shall be in accordance with Section 5-04.3 of the WSDOT standard specifications.

3.3 ADJUSTMENT OF EXISTING STRUCTURES

- A. All existing manholes, catch basins, valve boxes, and surface mounted structures within the limits of pavement overlay shall be adjusted to grade in conformance with sections 7-05.3(1) of the WSDOT standard specifications.

3.4 FIELD QUALITY CONTROL

- A. Testing Agency: Owner shall engage a qualified testing agency to perform tests and inspections as necessary. Contractor shall coordinate work with Owner's testing agency.
- B. Additional testing and inspection work to correct or repair unsatisfactory work will be at the expense of the Contractor.
- C. Contractor shall remove and replace or install additional hot mix asphalt, at the Contractor's expense, where test results or measurements indicate that it does not comply with specified requirements.

END OF SECTION

**SECTION 321313
CONCRETE PAVING**

PART 1 GENERAL

1.1 DESCRIPTION

- A. The section includes cement concrete curbs.

1.2 STANDARD SPECIFICATIONS

- A. All work to be performed and materials to be used shall be in accordance with the 2022 Standard Specifications and Standard Plans for Road, Bridge and Municipal Construction, as published by the Washington State Department of Transportation (WSDOT), unless otherwise indicated on the contract drawings or herein.
- B. The Contractor shall have one copy of these standards at the job site.
- C. The WSDOT Standard Specifications apply only to performance and materials and how they are to be incorporated into the work. The legal/contractual relationship sections and the measurement and payment sections do not apply to this document.

1.3 SUBMITTALS

- A. Design Mixture for each concrete paving mixture.
- B. Material certificates for the following:
 - 1. Cementitious materials
 - 2. Admixtures
 - 3. Curing compounds
 - 4. Bonding agent or epoxy adhesive
 - 5. Joint fillers

PART 2 PRODUCTS

2.1 CONCRETE MIXTURES

- A. Extruded cement concrete curb shall be constructed with an air entrained concrete Class 3000 with materials conforming to section 6-02 of the WSDOT standard specifications.

PART 3 EXECUTION

3.1 EXTRUDED CEMENT CONCRETE CURB

- A. Extruded cement concrete curb shall be installed in conformance with the methods of section 8-04.3(1)A of the WSDOT standard specifications. The curb dimensions shall conform to the details in the contract drawings.
- B. The pavement edge shall be installed to support the full width of the curb.
- C. Joints may be formed during installation using a rigid divider or sawcut after concrete cures to minimum strength.

- D. The Contractor may substitute epoxy adhesive in place of tie bars to anchor curb to the pavement. There will be no change in contract price if this substitution is made.

END OF SECTION

SECTION 321723

PAVEMENT MARKINGS

PART 1 GENERAL

1.1 DESCRIPTION

- A. The work includes furnishing and installing pavement markings or removing pavement marking materials. Work shall include, but not limited to:
 - 1. Painting lines for parking stalls and designated restricted zones.
 - 2. Painting letters and symbols.

1.2 STANDARD SPECIFICATIONS

- A. All work shall be in accordance with the 2022 Standard Specifications and Standard Plans for Road, Bridge, and Municipal Construction, as published by the Washington State Department of Transportation (WSDOT), the Manual on Uniform Traffic Control Devices (MUTCD), the drawings, and these specifications.
- B. The Contractor shall have one copy of the WSDOT Standard Specifications and Standard Plans at the job site.
- C. The WSDOT Standard Specifications apply only to performance and materials and how they are to be incorporated into the work. The legal/contractual relationship sections and the measurement and payment sections do not apply to this document.

1.3 SUBMITTALS

- A. Submit the following for review and approval prior to placement:
 - 1. Product data for each proposed product.

PART 2 PRODUCTS

2.1 PAINT

- A. Paint for pavement markings and striping shall comply with section 9-34.2 of the WSDOT standard specifications. The paint shall be factory mixed, quick drying, and non-bleeding. Colors shall match existing striping colors in kind.

PART 3 EXECUTION

3.1 LAYOUT

- A. Parking stall layout and dimensions shall be in accordance with the plans.
- B. Pavement markings/characters shall be in accordance with the plans.
- C. Preparation of pavement surface, removal of conflicting markings, and installation of markings shall be performed in accordance with section 8-22.3 of the WSDOT standard specifications, except that the Contractor shall be responsible for all layout and control points, and striping shall

not deviate more than ¼-inch in 10 feet from a straight line and striping shall not be more than 1-inch from the specified locations. Pavement shall be allowed to cure a minimum of 14 days prior to application of striping unless Contractor receives approval for earlier application from the project Engineer. Paint striping shall only be applied to clean and dry pavement and when the temperature is above 50 degrees F.

END OF SECTION