

## SECTION 02575 - PAVEMENT REHABILITATION

### City of San Diego, CWP Guidelines

#### PART 1 -- GENERAL

##### 1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes removal and rehabilitation of pavement affected by CONTRACTOR'S operations such as trenching, modification to facilities or as otherwise indicated.

##### 1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.
  - 1. Section 02200 Earthwork
  - 2. Section 02510 AC Pavement and Base
  - 3. Section 03280 Joints in Concrete Pavement
  - 4. Section 03310 Cast-in-Place Sitework Concrete

##### 1.3 STANDARD SPECIFICATIONS

- A. Except as otherwise indicated in this Section of the Specifications, the CONTRACTOR shall comply with the latest adopted edition of the Standard Specifications for Public Works Construction together with the latest adopted editions of the Regional and City of San Diego Supplement Amendments.

##### 1.4 PROJECT RECORD DRAWINGS

- A. The following shall be included in the PROJECT RECORD DRAWINGS in compliance with Section 01300:
  - 1. Drawings indicating the exact extent of pavement removed and rehabilitated.

#### PART 2 -- PRODUCTS

##### 2.1 ASPHALT CONCRETE

- A. Asphalt concrete shall conform to the requirements of SSPWC subsection 203-6. Composition and grading of the asphalt concrete mixture shall conform to SSPWC subsection 203-6.3.2, class F.
- B. Tack coat shall comply with subsection 302-5.4 of SSPWC.

##### 2.2 PORTLAND CEMENT CONCRETE

- A. Portland cement concrete shall comply with the requirements of subsection 201-1 of SSPWC; class 560-C-3250 per subsection 201-1.1.2 of SSPWC.

- B. Curing compound for concrete that is to be topped by an asphaltic wearing course shall comply with SSPWC subsection 201-4 and shall be asphaltic type. Pigmentation is not required.

### **PART 3 -- EXECUTION**

#### **3.1 REMOVAL OF PAVEMENT**

- A. Existing AC pavement shall be sawcut to a minimum depth of 1-1/2 inches or 25 percent of its thickness, whichever is greater.
- B. Removal of the existing cement concrete pavement for trench excavation shall be done in accordance with subsection 300-1.3 of SSPWC.

#### **3.2 PLACEMENT OF PORTLAND CEMENT CONCRETE PAVEMENT**

- A. Subgrade preparation shall be done in accordance with subsection 301-1 of the SSPWC.
- B. Prior to placing concrete, pavement edges shall be trimmed to neat horizontal and vertical lines. In case of AC pavement, a tack coat shall be applied to the existing pavement prior to placing cement concrete; while in the case of concrete pavement, the surface of edges shall be thoroughly wetted with water.
- C. Portland cement concrete pavement shall be reconstructed in accordance with the applicable provisions of SSPWC subsection 302-6.

#### **3.3 PLACEMENT OF WEARING SURFACE COURSE FOR AC PAVEMENT**

- A. In the case of rehabilitation of AC pavement, use only asphaltic type concrete curing compound.
- B. Apply tack coat, to cement concrete pavement surface after it has cured, in accordance with SSPWC subsection 302-5.4.
- C. Install asphaltic concrete, Class F, wearing course in accordance with the applicable provisions of SSPWC subsection 302-5.

**\*\* END OF SECTION \*\***