

## **SECTION 32 1223**

### **PAVEMENT MARKINGS AND SIGNS**

#### **PART 1 GENERAL**

##### **1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections apply to this Section.

##### **1.02 SUMMARY**

- A. This Section includes the following:
  - 1. Furnish materials and install painted traffic/playground striping and markings.
- B. Related Sections include the following:
  - 1. Section 32 1216 – Asphalt Concrete Paving and Base.
  - 2. Section 32 1600 – Concrete Curb, Gutter, and Sidewalk/Walkway.

##### **1.03 SUBMITTALS**

- A. In accordance with Section 01 30 00, Submittals.
  - 1. Paint product data.

##### **1.04 REFERENCES**

- A. California Manual of Uniform Traffic Control Devices (MUTCD), latest edition.
- B. California Code of Regulations, Title 24, Part 2 – California Building Code (CBC), latest edition.
- C. American with Disabilities Act (ADA), latest edition.

#### **PART 2 PRODUCTS**

##### **2.01 STRIPING PAINT**

- A. The paint to be used on striping shall be commercial quality paint. Thinner shall not be mixed with paint.
- B. White paint shall be used on new stall stripes and cross walks. Blue paint shall be used on all accessible stall markings as required by CBC. Yellow paint shall be used for all cross walks, loading/unloading zones and striping. Red paint shall be used at all “no parking” areas and fire lanes.
- C. Paint shall dry "track free" in not less than thirty (30) minutes and not more than ninety (90) minutes.
- D. The air compressor used shall have a capacity of sixty (60) cubic feet per minute.
- E. The rate of application of paint:
  - 1. Solid single stripes: seventeen (17) to eighteen (18) gallons per mile.

#### **PART 3 EXECUTION**

##### **3.01 STRIPING**

- A. No striping shall be started until all paving work on the entire job has been completed, and the

various finished surfaces are sufficiently cured to prevent undue tracking onto new striping.

- B. All stripes for parking spaces shall have a width of four inches. Play area striping shall be the width and color shown on the plans. All widths shall be within 1/4 inch of the specified widths.
- C. All lines and other shapes shall be clean and sharp as to dimensions and shall be painted or painted out in the locations shown on the plans. Ragged ends of segments, foginess along the sides, or objectionable dribbling along the unpainted portions of the stripe shall not be permitted.
- D. The finished product shall have an opaque, well painted appearance with no black or other discolorations showing through. Any smears shall be painted out with black paint to the satisfaction of the Owner's Representative.
- E. The Contractor shall take all reasonable precautions to protect the paint during drying time and may be required to paint out all objectionable tracking. Appropriate traffic control necessary to insure non-tracking as well as reasonable traffic flows shall be the Contractor's responsibility.
- F. Painted stripes shall receive two coats of paint to achieve the desired coverage.
- G. No work shall be done when the pavement is appreciably damp.

### **3.02 CLEAN UP**

- A. Remove all debris and stains resulting from the work of this section.

**END OF SECTION**