

## SECTION 02580

### PAVEMENT STRIPING AND MARKINGS

#### PART 1—GENERAL

##### 1.1 SUMMARY

- A. **Section Includes:** Pavement striping and markings.
- B. **Related Sections:**
  - 1. Section 02520—Portland Cement Concrete Paving: Concrete paving to receive striping and markings.

##### 1.2 SUBMITTALS

- A. **Product Data:** Submit manufacturer's specifications and application recommendations for pavement marking materials.

#### PART 2—PRODUCTS

##### 2.1 PAVEMENT MARKING MATERIALS

- A. **Thermoplastic Pavement Markings:** Alkyd resin or hydrocarbon based material in conformance with Section 1015.10 of the Louisiana Standard Specifications for Roads and Bridges, 2000 Edition, and shall meet the requirements of Tables 1015-7, 1015-8, 1015-9; and QPL 63. The bead content shall conform to Class B per AASHTO M247, Type I.
- B. **Colors:** Yellow. Unless otherwise noted on the Drawings, use colors as follows:
  - 1. Yellow—safety markings.

##### 2.2 TRAFFIC PAINT

- A. **Thermoplastic Pavement Markings:** Alkyd resin or hydrocarbon based in conformance with Section 1015.12 of the Louisiana Standard Specifications for Roads and Bridges, 2000 Edition, and shall meet the requirements of Table 1015-11, and QPL 36. The bead content shall conform to Class B per AASHTO M247, Type I.
- B. **Colors:** Yellow, red and blue. Blue paint may be white paint, tinted. Unless otherwise noted on the Drawings, use colors as follows:
  - 1. Blue—handicapped markings.
  - 2. Red—fire lane markings.
  - 3. Yellow—all other striping and markings.

### **PART 3—EXECUTION**

#### **3.1 PAVEMENT MARKING**

- A. Preparation:** Thoroughly clean surfaces to be painted by rotary brooms, air blasting, scrapers, hand brooms or other method acceptable to the Architect. Painting must be accomplished as soon as practical after cleaning.
- B. Application:** Apply stripes by spraying in a uniform pattern with a factory manufactured spray painting machine suited for this type of work. Lines are to be 4" wide, unless shown otherwise on the Drawings. Paint shall be applied at a rate of 150 sq. ft. per gallon.
- C. Remove drips,** overspray, improper markings, and paint material tracked by traffic by sand blasting, wire brushing, or other method approved by Architect.
- D. Handicapped Symbol:** Use standard handicapped symbol stencil for painting at handicapped parking spaces. Comply with current ADA-AG requirements.
- E. Curbs and Wheel Stops:** Paint curbs after they are installed. Hand paint, or spray paint after protecting adjacent surfaces from overspray.

#### **3.2 PAVEMENT MARKING TOLERANCES**

- A. Line Widths:**
  - 1. Plus or minus ¼" variance on straight segments.
  - 2. Plus or minus ½" variance on curved segments.

END OF SECTION