

SECTION 321723
PAVEMENT MARKINGS (Addendum 03)

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Perform all traffic striping and control markings on pavement, parking stall striping, and painted curbs necessary or required for the construction of the work as covered by these Specifications and indicated in the Drawings. .

1.2 RELATED WORK SPECIFIED ELSEWHERE

- A. Section 32 12 16, Asphaltic Concrete Paving.

1.3 RELATED SPECIFICATIONS, CODES, AND STANDARDS

- A. State of California, Department of Transportation (Caltrans), Standard Specifications and Manuals – Latest Edition:
 - 1. Section 84 Traffic Stripes and Pavement Markings.
 - 2. Traffic Manual Standard Drawings – Latest Edition.
- B. State of California, Department of Transportation (Caltrans), Standard Test Methods:
 - 1. Calif. Test 669 Testing for Specification Compliance of Non-Reflective and Reflective Pavement Markers.
- C. California Air Resources Board (CARB):
 - 1. CARB/VOC Permissible Content of Volatile Compounds (VOC in Paints)
- D. CA Title 24 – ADA Pavement Markings

1.4 CONTRACTOR SUBMITTALS

- A. Shop Drawings: Submit drawings and diagrams and colors, indicating stripe width of crosswalk, roadway divider stripes and parking stalls, bike lanes, configuration and dimensions of directional arrows, designations, configuration and dimension of international accessible symbol, and any other traffic control markings on pavement.
- B. Certificate of Compliance Certificate of Compliance: Submit evidence or affidavit, which certifies that paint to be used complies with latest CARB/VOC regulations.

PART 2 - PRODUCTS

2.0 MATERIALS

- A. Traffic Line Paint:
 - 1. Provide paint conforming to the requirements of Section 84-3 of the Caltrans Standard Specifications, white in color for traffic striping, parking stalls, and other control markings on pavement, yellow in color for staff parking and other traffic control markings where indicated, blue in color for accessible parking stalls, red in color for curbs where no parking is indicated, white in color for curbs where passenger discharge and pickup is indicated.
- B. Thermoplastic Traffic Stripes and Pavement Markings:
 - 1. Provide thermoplastic traffic stripes and pavement markings where indicated on Contract Drawings, including glass beads, conforming to the requirements of Section 84-2 of the Caltrans Standard Specifications.
- C. Paint for parking stalls and ADA Striping shall be waterborne, State Specification 8010 – 20B.

PART 3 - EXECUTION

3.0 EXECUTION

- A. Provide traffic striping and control markings on pavement and parking stalls in accordance with the layout, configurations, and dimensions indicated on the Contract Drawings and approved shop drawings. Prior to paint application, contractor shall coordinate a pre-application meeting with the engineer to verify colors and their locations. Obtain approval prior to paint application.
- B. Paint application equipment shall conform to the requirements of the Caltrans Standard Specifications. Place markers in accordance with Section 85 of the Caltrans Standard Specifications.
- C. Traffic control markings and parking stalls shall be applied with the use of substantial cutout patterns and templates, or with striping equipment which applies straight, uniform width, sharp lines. Coverage of paint shall be thorough and complete in accordance with the paint manufacturer's instructions and recommendations.
- D. Traffic control markings and parking stalls shall be sharp and accurate, straight where required, without fuzziness at edges of lines.
- E. Accessible parking stalls shall include the International Accessibility Symbol.
- F. At completion, Contractor shall check the work thoroughly and shall touch-up traffic control markings and parking stalls which are not distinct or thorough in coverage, or which are not uniform in color.

3.1 FIELD QUALITY CONTROL

- A. Perform tests in accordance with Caltrans Test 669 to verify compliance with Specification requirements.

END OF SECTION