

SECTION 02580 - PAVEMENT MARKING AND TRAFFIC SIGNS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Parking striping and direction markings on asphalt concrete.
- B. Signage for directing traffic on the site.

1.02 SUBMITTALS

- A. Product data: Submit for marking paint to Architect. Indicate application rates and methods.
- B. Proposed Sign Samples to Owner/Architect.

1.03 REFERENCES

- A. Georgia Department of Transportation Standards and Specifications
- B. Manual on Uniform Traffic Control Devices (MUTCD)

1.04 JOB CONDITIONS

- A. Weather Limitations:
 - 1. Apply pavement marking paint only when ambient temperature in the shade is at least 50 degrees F for 12 hours immediately prior to application.
 - 2. Do not apply when surface is wet or contains moisture.
 - 3. Do not apply paint when wind conditions would result in debris being deposited on painted surfaces.

PART 2 - PRODUCTS

2.01 PAVEMENT MARKING PAINT

- A. Traffic lane, parking stall, handicap parking and direction arrow marking: Type meeting GA DOT Specification, current edition.
- B. Qualities: Quick drying colors as specified by Architect.
- C. Source:
 - 1. Sherglide by Sherwin-Williams or equivalent.

2.02 DIRECTIONAL SIGNAGE

- A. All signage used on the site to direct traffic shall conform to the Manual for Uniform Traffic Control Devices, and the GA. D.O.T. Standards and Specifications, current edition, and be approved by the Owner/Architect prior to installation. Contractor shall provide Owner/Architect with samples and shop drawings of these signs.

2.03 HANDICAP PARKING SIGNS

- A. Contractor shall provide and erect all required handicap signage required for the site according to federal, state, county and city authorities standards and specifications whether shown on the plans or not.

PART 3 - EXECUTION

3.01 MARKING PAVEMENTS

- A. All pavement markings used on the site to direct traffic shall conform to the Manual for Uniform Traffic Control Devices, and the GA. D.O.T. Standards and Specifications, current edition, as approved by the Owner/Architect. Contractor shall provide Owner/Architect with samples and shop drawings of all markings prior to construction, Paint lines as shown on approved drawings.
- B. Cleaning: Sweep surface with power broom supplemented by hand brooms to remove loose material and dirt. Do not begin pavement marking until substrate has cured.
- C. Apply paint with mechanical equipment to uniform straight line. All linework not otherwise indicated shall be 4" uniform thickness, color white. All directional markings shall be painted with spray equipment on stencils or templates of approved design to prevent overspray. Apply one coat in accordance with manufacturer's recommended rates to achieve minimum 15 mils dry film thickness.

END OF SECTION 02580