

02760-PAVEMENT MARKINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. C-1.05 Striping Plan

1.2 SUMMARY

The work covered by this section consists of furnishing all labor, materials, equipment, and performing all operations in connection with applying painted pavement markings and striping in accordance with these specifications and as shown on the drawings.

1.3 RELATED DOCUMENTS

- A. NOT USED

1.4 APPLICABLE PUBLICATIONS

The following latest publications of the issues listed below, but referred to thereafter by basic designation only, form a part of this specification to the extent indicated by the reference thereto:

- A. "Louisiana Standard Specifications for Roads and Bridges" (LSSRB) of the Louisiana Department of Transportation and Development (LADOTD "Red Book"), 2000 Edition, including latest amendment thereto.

- B. Manual on Uniform Traffic Control Devices (MUTCD), 2003 Edition

1.7 QUALITY CONTROL

- A. General

The contractor shall establish quality control to assure compliance with contract requirements and maintain records of his quality control for all construction operations, including but not limited to the following:

1. Check quality of paint material
2. Check preparation of surface to be striped
3. Check curing of concrete prior to striping
4. Check application of striping
5. Check coverage and accuracy of placing

B. Submittals

1. The contractor shall submit certified test reports verifying material tests and results as specified herein. Reports shall be furnished for each shipment and shall be identified with specific lots. The reports shall be submitted to the Engineer prior to use of the material in the work.
2. Each paint container shall bear a label with the name and address of manufacturer, trade name or trademark, type of paint, number of gallons, batch number and date of manufacturer.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Alkyd Traffic Paint

This material shall be a rapid-setting compound suitable for use with hot application equipment. This material shall meet the requirements of Table 1015-11 of the "Red Book".

B. Color (see drawings)

PART 3 - EXECUTION

3.1 EQUIPMENT

- A. Selection of proper equipment to produce satisfactory results within the following requirements shall be the responsibility of the Contractor.
1. Equipment shall be designed for placement of solid line stripes as shown on the plans with square, neat stripe ends.
 2. Equipment shall provide a method for cleaning the surface of dust immediately prior to placement of the striping materials.
 3. The equipment shall be equipped with a heat exchanger to heat the paint to reduce drying time.

3.2 SURFACE PREPARATION

- A. Surfaces to be striped shall be cleaned of materials that would reduce adhesion of paint to pavement. Surfaces shall be kept clean and dry at the time of application of paint.

3.3 WEATHER LIMITATIONS

- A. No paint striping shall be done when the pavement surface is not thoroughly dried, when air is foggy or misty, when the air or surface temperature is below 50 degrees

F (10 degrees C), or when wind or other conditions cause a film of dust to be deposited on the surface after cleaning and before striping can be done or causes displacement of striping material.

3.4 PAINT PREPARATION

- A. Immediately before application, paints shall be agitated or mixed thoroughly to a uniform consistency, free from lumps or agglomerates. Paints shall be kept covered to retain volatiles. Paints shall not be thinned without approval.

3.5 APPLICATION

- A. Paint shall be applied at the rate required to provide striping of the specified width at the thickness of 15 wet mils.

3.6 PROTECTION OF MARKINGS

- A. Traffic shall be prevented from crossing a wet stripe. Stripes which have been marred or picked-up by traffic before they have dried shall be repaired by the Contractor with no additional cost to the Owner.

END OF SECTION