

Item No. 864S
Abbreviated Pavement Markings

864S.1 Description

This item shall govern the placement, maintenance and removal of temporary abbreviated markings, which are to be placed on all roadways, that are open to traffic and that do not have standard markings in place.

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text and accompanying tables, the inch-pound units are given preference followed by SI units shown within parentheses.

864S.2 Submittals

The submittal requirements of this specification item include:

- A. Specific applications and color of traffic markings.
- B. Specific manufacturer with test results and technical specifications.
- C. Manufacturer's recommendations for surface preparation, cleaning, placement temperatures and installation instructions.

864S.3 Materials

The pavement-marking material shall consist of an adhesive-backed reflective tape, which can be applied to the pavement. Markings shall be of good appearance, have straight, unbroken edges and have a color that complies with all federal regulations.

A. Color

The markings, as well as retroreflected light from the markings, shall be white or yellow as indicated on the Drawings or provided in writing by the Engineer or designated representative.

B. Visibility

The pavement markings (during daylight hours) shall be distinctively visible for a minimum of 300 feet (90 meters) unless sight distance is restricted by geometric roadway features.

The pavement markings (when illuminated by automobile lowbeam headlights at night) shall be distinctively visible for a minimum of 160 feet (48 meters) unless sight distance is restricted by geometric roadway features.

The day and night visibility requirements, which are specified above, shall be met when viewed from an automobile traveling on the roadway.

864S.4 Construction Methods

The Contractor shall use a crew experienced in the work of installing pavement markings and in the necessary traffic control for such operations on the roadway surface and shall supply all the equipment, personnel, traffic control and materials

necessary for the placement of the pavement markings as indicated on the Drawings or as directed by the Engineer or designated representative. All work shall conform to the current edition of the Texas Manual of Uniform Traffic Control Devices (MUTCD), The City of Austin Transportation Criteria Manual and Standard Details 804S-3 series.

Abbreviated markings, which meet all specification requirements, shall be in place on all roadways on which traffic is allowed and where suitable standard pavement marking is not in place. The transverse location of the line(s) formed by the markings shall be as indicated on the Drawings or determined by the Engineer or designated representative.

Unless otherwise indicated, the abbreviated markings shall be placed as follows:

Condition	Spacing	Length of Stripe
Straight	20 feet (6 meters) approximately	24 inch (600 mm)
Curve greater than 2 degrees	20 feet (6 meters) maximum	24 inch (600 mm)
Curve less than or equal 2 degrees	10 feet (3 meters)	24 inch (600 mm)

Pavement markings shall be a minimum of 3 7/8 inches (100 millimeters) wide. Lengths and spacings will be in accordance with these specifications.

The spacing of stripes may be modified by the Engineer or designated representative. However, the maximum spacing specified above shall not be exceeded in any case.

The Contractor will be responsible for maintaining the abbreviated pavement markings until standard pavement markings are in place.

Abbreviated pavement markings shall be removed after all permanent markings have been placed.

864S.5 Performance

Installed abbreviated pavement markings shall meet all requirements of this specification for a minimum of seven (7) days after installation of the abbreviated markings is complete. Pavement markings that fail to meet all requirements of this specification shall be removed and shall be replaced at the sole expense to the Contractor with pavement markings that meet the requirements of this specification.

864S.6 Measurement and Payment

Abbreviated pavement markings will not be measured for payment but shall be included in the unit price bid for the item of construction for which abbreviated pavement markings are indicated on the drawings.

End

SPECIFIED CROSS REFERENCE MATERIALS
Specification Item 864S "Abbreviated Pavement Markings"

City of Austin Transportation Criteria Manual

<u>Designation</u>	<u>Description</u>
Section 8	Traffic Control

State of Texas Manual on Uniform Traffic Control Devices for Streets and Highways

<u>Designation</u>	<u>Description</u>
Part III	Markings
Part VI	Traffic Controls for Street and Highway Construction, Maintenance, Utility and Incident Management Operations
Part VI, Article D	Markings
Part VI, Article F	Control of Traffic Through Work Areas

<u>RELATED CROSS REFERENCE MATERIALS</u>

Specification Item 864S "Abbreviated Pavement Markings"

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 867S	Epoxy Adhesive
Item No. 870S	Work Zone Pavement Markings
Item No. 872S	Prefabricated Pavement Markings
Item No. 874S	Eliminating Existing Pavement Markings and Markers
Item No. 875S	Pavement Surface Preparation For Markings

Texas Department of Transportation: Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 662	Work Zone Pavement Markings
Item No. 667	Prefabricated Pavement Markings
Item No. 677	Eliminating Existing Pavement Markings and Markers
Item No. 678	Pavement Surface Preparation For Markings