

**CITY OF SAN ANGELO****ITEM 901****ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS****901.1 DESCRIPTION.**

This Item shall govern for the elimination of existing pavement markings of the various types and sizes, and raised pavement markers as shown on the Plans or as directed, in writing, by the City.

**901.2 MATERIALS.**

All surface treatment material application rates shall be as directed by the City. Unless otherwise shown on the Plans, surface treatment materials shall conform to the requirements of Item 300, "Asphalts, Oils and Emulsions", and Item 302, "Aggregates For Surface Treatments". Testing of surface treatment materials may be waived by the City. Asphalt and aggregate types and grades shall be as shown on the Plans or as approved in writing by the City.

**901.3 CONSTRUCTION METHODS.**

Elimination of existing pavement markings and markers shall be accomplished by one (1) or more of the following methods as approved by the City.

**(1) Markings on Asphaltic Surfaces.**

(a) Placement of a surface treatment a minimum of two (2) feet wide to cover the existing marking.

(b) Placement of a surface treatment, thin overlay or micro-surfacing a minimum of one (1) lane in width in areas where directional changes of traffic are involved or other areas as directed by the City. Construction methods for surface treatments shall conform to Item 316, "Surface Treatments".

**(2) Markings on Concrete Surfaces.** Removal by an approved burning method.

**(3) Markings on Asphaltic or Concrete Surfaces.** Removal by water, water-sand blasting techniques, or by any other method(s) proven satisfactory to the City.

**(4) Markers on Asphaltic or Concrete Surfaces.** Removal by any mechanical method to remove marker and adhesive.

Existing pavement markings and markers on both concrete and asphaltic surfaces shall be removed in such a manner that color and/or texture contrast of the pavement surface will be held to a minimum.

Removal of pavement markings on concrete surfaces by blast cleaning shall be in accordance with TxDOT Item 678, "Pavement Surface Preparation for Markings", except for measurement and payment. Blast cleaning shall be performed in such a manner that damage to the concrete surface is held to a minimum.

When thermoplastic pavement markings or prefabricated pavement markings are encountered, the application of heat may be used to remove the bulk of the marking material prior to blast cleaning. When heat is used, care shall be taken to prevent spalling of concrete surfaces.

A burner may be used for complete removal of pavement markings. Broom removal or light blast cleaning may be used for removal of minor residue.

Damage, such as spalling, shelling, etc. greater than one-quarter (1/4) inch in depth, caused to asphaltic surfaces resulting from the removal of pavement markers shall be repaired by the application of a two (2) foot wide surface.

#### **901.4 PAYMENT.**

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Pavement Surface Preparation for Markings" of the various types specified. The price shall be full compensation for all materials, tools, equipment, labor and incidentals necessary to complete the work.