

# ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: August 25, 2014

Special Provision No. 12-1132

EFFECTIVE DATE: April 1, 2015

SUBJECT: Scoring Bituminous Pavement Surface.

Alabama Standard Specifications, 2012 Edition, SECTION 428 shall be replaced with the following:

## SECTION 428 SCORING BITUMINOUS PAVEMENT SURFACE

### 428.01 Description.

This Section shall cover the work of scoring bituminous plant mix pavement surfaces at locations shown on the plans or directed by the Engineer. The scoring shall consist of **cutting** grooves, at regular intervals in the shoulder pavement surface.

### 428.02 Materials.

N/A

### 428.03 Construction Requirements.

#### (a) GENERAL.

It is intended that areas of the pavement surface designated by the plans or by the Engineer to be scored shall be so done as to produce a rumble strip effect to alert inattentive drivers.

The size, shape, and spacing of the grooves formed during the **cutting** procedure shall be as shown on the plans unless a different configuration is approved by the **Construction Engineer**. Unless ordered otherwise by the Engineer, all grooves shall be perpendicular to the pavement edge.

#### (b) EQUIPMENT.

**The scoring** equipment shall consist of a rotary type cutting head with cutting tips arranged in a pattern that will provide a smooth cut. The cutting head shall be on its own independent suspension from that of the power unit to allow the tool to align with the slope of the shoulder and any irregularities in the shoulder surface.

#### (c) OPERATIONAL REQUIREMENTS.

The equipment shall be operated in a workmanlike manner that will satisfactorily produce a pavement surface having uniform grooves of the dimensions and spacing as shown on the plans or specified in this Article.

Equipment used to construct scored shoulders shall be positioned by using methods which will avoid scoring at locations other than those designated on the plans or directed by the Engineer.

The debris that results from cutting shall be removed on a daily basis by a sweeper/vacuum or other approved methods.

### 428.04 Method of Measurement.

The scoring of bituminous pavement surface ordered and accepted will be measured **per mile {kilometer} along the centerline** of each row of grooves placed either by direct measurement and computation to the nearest 0.001 mile {0.001 kilometer} or by odometer to the nearest 0.001 mile {0.001 kilometer}. When more than one row of grooves is required on a surface, each row will be measured separately. **The length of scoring measured will include any gaps shown on the plans as part of the design of the scoring but will not include the length of any other gap or section omitted by the Engineer.**

**428.05 Basis of Payment.**

(a) UNIT PRICE COVERAGE.

The scoring of bituminous pavement surface, measured as noted above, will be paid for at the contract unit price bid which shall be full compensation for the scoring of the pavement, and for all materials, equipment, tools, labor, and incidentals necessary to complete the work.

(b) PAYMENT WILL BE MADE UNDER ITEM NO.:

428-A Scoring Bituminous Pavement Surface - per mile {kilometer}