

ROAD COMMISSION FOR OAKLAND COUNTY

SPECIAL PROVISION
FOR
TEXTURING CONCRETE PAVEMENT BY CARPET DRAGGING

RCOC/DESIGN:JO

PAGE 1 OF 1

RCOC20SP602C
ORG:04-05-21

a. Description

This work shall be done in accordance with section 602 of the *Michigan Department of Transportation 2020 Standard Specifications for Construction*, except as herein provided. This work shall consist of texturing concrete pavement using a carpet drag method.

b. Construction

Acceptance testing will be performed on each paving lot. A paving lot is defined as a single lane width by 1,000 feet in length or a day's paving, whichever is less. Each lot shall be divided into a minimum of three sub-lots of equal area for testing.

All test locations for measuring texture will be located in the outside wheel path. Test locations will be randomly chosen by the Engineer and supplied to the Contractor, who will conduct the testing. Each individual test location will be determined using a random number chart or equivalent selection method. The Contractor shall provide test results to the Engineer for determining acceptance of this specification.

Texture measurement for acceptance will be in accordance with ASTM E 965, "Test Method for Measuring Pavement Macrottexture Depth Using a Volumetric Technique," to ensure the texture is adequate for skid resistance. A minimum average texture depth 0.032 inch is required for each lot. If the specified texture of 0.032 inch is not being achieved, the Contractor shall amend the texturing method before paving is continued. A lot with an average texture depth between 0.024 inch and 0.032 inch may be accepted with a contract pay adjustment equal to ten percent of the cost of the Concrete Pavement contract item. Any lot with an average texture of less than 0.024 inch shall be diamond grooved as described in Section 602.03.K to achieve the desired texture.

Any individual test location with a texture depth of less than 0.020 inch will require diamond grooving of the pavement surface represented by the test. Limits of grooving shall be determined by performing additional test measurements at a maximum 100-foot intervals along the wheel path from the original failing test location. Additional testing shall continue until a minimum 0.024-inch texture depth is achieved. After all additional tests are completed, the Engineer will use the results to establish the actual limits for grooving within the sub-lot.

All testing of the pavement surface shall be completed within 24 hours of pavement placement.

c. Measurement and Payment

All Contractor costs associated with this item will be included in the Concrete Pavement pay item(s) and will not be paid for separately.