

## SECTION 210 B - FLEXIBLE MICRO-SURFACING

### 1. GENERAL

The work shall consist of the application of latex modified micro-surfacing material to an existing street surface. This item shall conform in accordance with the latest version of Section 600 of the Kansas Department of Transportation Special Provisions (07-PS0208), to the Standard Specifications, 2007 Edition and as herein.

### 2. MATERIALS

A. Emulsified Asphalt. The emulsified asphalt shall conform to the requirement of the latest version of Section 1200 of the Kansas Department of Transportation Standard Specifications, Edition 2007

B. Aggregate. The mineral aggregate shall conform to the requirement of the latest version of Section 1100 of the Kansas Department of Transportation Standard Specifications, Edition 2007

C. Water. The water shall conform to the requirement of the latest version of Section 2400 of the Kansas Department of Transportation Standard Specification, Edition 2007

### 3. SEASONAL LIMITATIONS

Micro-surfacing bridge decks shall not be constructed after Sept. 15, without written approval of the Engineer.

### 4. MAINTENANCE OF TRAFFIC/PUBLIC SAFETY

A. Closing of streets for this work shall be at the direction of the Engineer/Inspector and coordinated to result in the least practicable delay and inconvenience to traffic.

**B. The contractor shall submit a traffic control plan to be approved by the City Engineer or the Inspector.**

C. All vehicles shall be equipped with flashing lights to indicate construction in progress.

D. Any worker within the work zone shall be required to wear a class II garment conforming to Occupational Safety and Health Administration requirements.

E. Unless otherwise directed, all roads shall have one lane of traffic open in each direction at all times. The lanes being sealed shall be closed and guarded until cured out and open to traffic. In the case of a full street closure, the contractor must door hang and/or notify residents or businesses that are inconvenienced by the construction.

F. If the distance between the beginning of the operation and the uncured sealant exceeds 200 feet, then additional flagmen may be required on higher traffic streets.

G. Sufficient flagmen, warning signs, **flashing arrow panels** (truck mounted or stand-alone), and barricades shall be provided by the Contractor to properly control traffic and to prevent traffic from traveling in the freshly applied materials. The Contractor at no cost to the Owner shall repair any damage to the uncured sealant/membrane surface. F.

H. Barricades and barricading, flashing arrow panels, signs and other warning devices will be in accordance with the Federal Highway Administration "Manual on Uniform Traffic Control Devices" provisions for "Traffic Controls for Street and Highway Construction and Maintenance Operations." Flashing arrow panels shall be required for all operations.

5. CURING

Adequate means shall be provided to protect the slurry seal from damage by traffic until the mixture has cured sufficiently so that it will not adhere to or be picked up by the tires of vehicles. The Contractor shall provide signs, barricades and flagmen necessary to control traffic around the area under construction. The Contractor at the Contractor's expense shall repair any damage done by traffic to the slurry seal.

6. MEASUREMENT OF PAYMENT

Pavement for this work shall be made at the contract ton price for Type "A" (20 pound and Type "B" (25 pound) Flexible Micro-Surfacing applied to the locations as shown in Section 1, entitled General.