

44300

443.00

Designer Note: Construction has expressed concerns about Contractors not placing the bituminous overlay within manufacturer's guideline time limits and about wet weather safety. **Include this special provision whenever area or strip reflective crack control treatment is provided in your plans. Discuss with Construction before using.**

**DO NOT USE the BDE Special of the same name when requiring crack control.**

This revision lowers the prime application rate.

## **REFLECTIVE CRACK CONTROL TREATMENT**

Effective March 1, 1996      Revised January 1, 2007

Revise the 2nd and 3rd sentences of Article 443.01 to read as follows:

"Area reflective crack control treatment shall be System A. Strip reflective crack control treatment shall be System A."

Add the following paragraph to Article 443.04:

"If rain is imminent, the Contractor is to apply a fog coat prime and a fine aggregate blotter, as directed by the Engineer, to all area crack control fabric that has been placed but not overlaid. This work shall be completed in accordance with Article 406.06, and will be paid for in accordance with Article 109.04."

Add the following paragraph to Article 443.05:

"The Hot-Mix Asphalt (HMA) concrete leveling binder, binder course, or surface course mixture placement on the crack control treatment shall be completed within two working days of the time the crack control is installed.

Reflective crack control treatment placed more than two working days in advance of the overlay placement will be inspected by the Engineer prior to placing the overlay. Any corrective work required by the Engineer shall be completed by the Contractor at no cost to the Department."

Revise the first sentence of Article 443.06 to read as follows:

"The area to be covered with fabric shall be sprayed uniformly with asphalt binder at a rate of 0.20 to 0.30 gal./sq. yd. (0.8 to 1.3 L/m<sup>2</sup>) as directed by the Engineer.

Add after the first paragraph of Article 443.06:

"If the asphalt cement binder bleeds through the fabric under traffic, then a fine aggregate blotter shall be applied as directed by the Engineer and paid for in accordance with Article 109.04 of the Standard Specifications.

After reflective crack control placement and prior to the HMA overlay placement, the Contractor shall furnish, erect and maintain SLIPPERY WHEN WET signs at such locations when

required during wet weather. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed."