

# EXPECTED IMPLEMENTATION JULY 2022

## 710 PAINTED PAVEMENT MARKINGS.

(REV 11-29-21) (FA 2-7-22) (7-22)

SUBARTICLE 710-4.3 is deleted and the following substituted:

**710-4.3 Retroreflectivity:** Apply white and yellow standard paint that will attain an initial retroreflectance of not less than  $300 \text{ mcd/lx}\cdot\text{m}^2$  and not less than  $250 \text{ mcd/lx}\cdot\text{m}^2$ , respectively. Apply white and yellow durable paint that will attain an initial retroreflectance of not less than  $450 \text{ mcd/lx}\cdot\text{m}^2$  and not less than  $300 \text{ mcd/lx}\cdot\text{m}^2$ , respectively. Black pavement markings must have a retroreflectance of less than  $20 \text{ mcd/lx}\cdot\text{m}^2$ .

Measure, record and certify on a Department approved form and submit to the Engineer, the retroreflectivity of white and yellow pavement markings in accordance with FM 5-541.

The Department reserves the right to test the markings within three days of receipt of the Contractor's certification. Failure to afford the Department opportunity to test the markings will result in non-payment. The test readings should be representative of the Contractor's pavement marking performance. If the retroreflectivity values measure below values shown above, reapply the pavement marking at no additional cost to the Department.

For standard paint, ensure that the minimum retroreflectance of white and yellow pavement markings are not less than  $150 \text{ mcd/lx}\cdot\text{m}^2$ . If the retroreflectivity values for standard paint fall below the  $150 \text{ mcd/lx}\cdot\text{m}^2$  value within 180 days of initial application, the pavement marking will be reapplied at the Contractor's expense. If the retroreflectivity values for durable paint fall below the initial values of  $450 \text{ mcd/lx}\cdot\text{m}^2$  value for white and  $300 \text{ mcd/lx}\cdot\text{m}^2$  for yellow within 180 days of initial application, the pavement marking will be reapplied at the Contractor's expense.