

MEMO TO: Chief District Engineers
TEBM's for Construction
District Construction Engineers
Resident Engineers
Active Consultant Engineers

FROM: Dexter Newman, P. E. Director
Division of Construction

DATE: May 3, 2000

SUBJECT: Resurfacing Striping Reflectivity Requirements

Section 713 of the 2000 Edition of the Standard Specifications governs permanent pavement striping. For the first time, we are measuring the reflectivity of the stripe applied during a resurfacing project, after a 30 to 60 day proving period. To keep things simple, go ahead and pay for the entire striping quantity when the line is applied, just like we have done in the past. We need to keep track of the exact date the lines are applied, so that we can keep up with the proving period time deadlines. Testing the lines is part of the project, and is just as important an activity as running densities, making cylinders, or any of the other testing done as part of the project acceptance. The reflectivity tests must be run within the 30 to 60 day window after the project is completed. Be sure to document the test result, and retain all the test data as part of the project documentation, including the meter calibration records. Also, a certified technician must perform the testing.

If the lines fail to meet the reflectivity specifications, then the stripe is part of the project corrective work, and is governed by the requirements of Section 105.12. Include any failing stripes as part of the official corrective work punchlists, but please notify the Contractor and District Office as soon as any failures are found. We want the stripe to be as bright as possible as quickly as it is applied. By consolidating the information, we can quickly see if a particular contractor or subcontractor is having problems. This is the first time we have actually measured the resurfacing contract's reflectivity, and the entire process is evolving, with everyone involved having to learn new ways of operating. For example, the paint and beads used now have to meet the standards called for in Sections 842 and 839.

Depending on when the contractor is actually notified of the failing stripes, he either has a maximum of 90 days to redo the lines, or to redo them by June 1 of the following year if the notification happens after October 1. Liquidated damages may apply if the restriping takes place outside this window. We encourage all parties involved to quickly find and correct any striping not meeting the specified reflectivity, since the traveling public is depending on the stripe daily. Contractually, we can only require the failing stripe to be completed according to the timetables of Section 105.12, but I strongly encourage all parties to find and correct any problem areas as soon as possible.

DN:bw

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