



INDIANA DEPARTMENT OF TRANSPORTATION
Driving Indiana's Economic Growth

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Michael R. Pence, Governor
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April 10, 2013

CONSTRUCTION MEMORANDUM
13-02

TO: District Deputy Commissioners
District Construction Directors
District Technical Services Directors
District Testing Engineers
District Area Engineers
District LPA Coordinators
Field Engineers
Project Engineers/Supervisors
Office of Materials Management

FROM: Mark A. Miller, Director *Mark Miller*
Division of Construction Management

SUBJECT: Permanent Pavement Marking Warranties

The purpose of this memorandum is to ensure the uniform application of the contractor warranty, when applicable, for initial and retained performance of permanent pavement markings.

The District Technical Services or Highway Maintenance Division will perform the 180-day retro-reflectivity test and submit the results, along with any additional notes, to Construction Management as described below. In addition, for contracts where retained retro-reflectivity values will be taken between January 01 and June 30 of 2013, the 180-day warranty will NOT be applied, with respect to the retro-reflectivity performance, until test results can be compiled and analyzed for pavement marking study and assessment.

Field Conditions to Note with Test Results for the 180-Day Warranty:

These field conditions must be noted, when applicable, in the reporting of the Warranty Acceptance Criteria for contracts where retained retro-reflectivity results are below the required level. The following conditions should be considered:

- There is significant presence of foreign material in the marking.
- Marking pieces found near the roadway with pavement sticking to them, or other obvious signs of pavement marking damage.
- Glass beads in the marking have been cut/scrapped but remain in the line due to snow plow blade interaction.
- Any other attributes contributing to retained retro-reflectivity results below the required level.

Reporting Test Results:

- All retro-reflectivity testing will be per ITM 931. In addition to the items identified in Section 9 of ITM 931 the type of surface or surface treatment will be noted.
- Project Engineer/Supervisor will submit results of the initial acceptance test to the District Construction Director for their review.
- District Traffic or Maintenance will submit results and field conditions of the retained, 180-day test to the District Construction Director.
- District Construction Director will compile all test results and forward to the Construction Technical Support Manager for Construction Management & District Support.

The decision to apply the warranty should be based on factors that were under the contractor's control. However, INDOT retains the right to enforce the performance requirements when INDOT determines that application of the warranty is appropriate. For performance requirements and additional information about pavement markings, refer to section 808.07 of the INDOT Standard Specification book.

MAM/ddh