



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

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Michael R. Pence, Governor
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December 12, 2014

CONSTRUCTION MEMORANDUM 14-14

TO: District Deputy Commissioners
District Construction Directors
District Area Engineers
District LPA Coordinators
Field Engineers
Project Engineers/Supervisors

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

SUBJECT: Change in Warranty Period Beginning Date for Durable Pavement Markings

The purpose of this memorandum is to notify all field personnel of the warranty periods start date change for durable pavement markings. This includes both the 180 day and extended warranty periods.

Effective immediately, all durable pavement marking warranty periods shall begin at the substantial completion date as defined in 101.59 instead of the current Standards Specification sections 808.09 and 808.09.1, which references "the last working day for the total contract as defined in the final acceptance letter". It was determined that the Contractor should not be held responsible for the marking warranty during the time period beyond substantial completion to the date required to achieve final acceptance, because of issues such as the extra time it can take to achieve the Notice of Termination, NOT. A "no cost" Change Order will need to be prepared to cover this change in the specification on contracts that do not have a special provision to make this change.

As additional reference, please see the proposed specification revision.

Any questions should be directed to the Office of Construction Management.

(Attachment)

MAM/GGP/ddh

Attachment to Construction Memo 14-14 Change in Warranty Period Beginning Date for Durable Pavement Markings issued December 12, 2014.

The Standard Specifications are revised as follows:

SECTION 808, BEGIN LINE 411, DELETE AND INSERT AS FOLLOWS:

808.09 Warranty for Durable Pavement Marking Material

Durable pavement marking material shall be warranted against failure resulting from material defects or method of application, or the result of snowplowing and deicing activities. The material shall be warranted to retain its color, retro-reflectivity, durability and shall be free of other obvious defects or failures.

All pavement traffic markings which have failed to meet the warranted conditions shall be replaced with no additional payment.

For the terms of the warranty, a unit shall be defined as a 1,000 ft section of line of specified width in any combination or pattern.

The warranty period shall be 180 days beginning with the *substantial completion date* ~~last working day~~ for the ~~total~~ contract as defined in ~~101.59 the final acceptance letter~~, but not prior to November 1 of the calendar year in which the last pavement markings were installed. If more than 3% of a unit or 3% of the total of any one intersection or set of transverse markings fails, the failed portion shall be replaced. All pavement markings required to be replaced under the terms of this warranty shall be replaced within 60 days of the notification of failure.

808.09.1 Extended Warranty for Preformed Plastic Pavement Marking Material

Extended warranty markings shall be warranted for a period of two years beginning with the ~~last working day~~ *substantial completion date* for the ~~total~~ contract as defined in ~~101.59 the final acceptance letter~~. The markings will be subject to snowplowing and deicing chemicals. The material shall be warranted to retain its color, retro-reflectivity, and durability and shall be free of other obvious defects or failures.

For the terms of the warranty a unit shall be defined as a 1,000 ft section of line of specified width in any combination or pattern.

The retained retro-reflectivity (mcd/m²/lx) as determined by ITM 931 shall meet or exceed the minimum values at all times during the warranty period as follows:

Year	White	Yellow
1	400	300
2	300	200

When a unit of markings is found to have an average retro-reflectivity reading below the required value, the entire unit of markings shall be removed and replaced. If more than 5% of a unit of markings fails due to color or durability, the entire unit shall be removed and replaced.

All pavement markings required to be replaced under the terms of this warranty shall be replaced within 60 days of the notification of failure.