



INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor
Joe McGuinness, Commissioner

August 13, 2019

CONSTRUCTION MEMORANDUM 19-08

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

FROM: Greg Pankow, Chief Engineer of Construction
Division of Construction Management and District Support

A handwritten signature in blue ink, appearing to read "Greg Pankow".

SUBJECT: Polymer Modified Asphalt Terminal Joint Retrofit

This memorandum is intended to assure that the Polymer Modified Asphalt Terminal Joint retrofit is properly installed. There have been some installations where the terminal joints have had rutting issues. The Polymer Modified Asphalt that is used in terminal joint retrofits must be installed according to the manufacturer's instructions. In particular the instructions regarding lift thickness and proper cooling must be followed. Each lift needs to be allowed to cool prior to placing the next lift. Failure to do this may allow the aggregate to sink in the material while hot, which may result in rutting. The manufacturer's instructions should list maximum lift thicknesses, and a minimum thickness for the top lift as well as an allowable temperature prior to placing the next lift.

In addition to the manufacturer's recommendations, the following minimum guidance shall be followed:

1. The binder and aggregate shall be placed in lifts not to exceed 2.5 inches.
2. Each lift shall be allowed to cool for a minimum of 15 minutes prior to placing successive lifts.
3. The top lift thickness shall be between 0.5 inch and 1.0 inch.

Any additional questions should be directed to your Construction Management Field Engineer.

GGP/teh