



INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor
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TESTING MEMORANDUM 17-01

SUBJECT: ITM 214 Changes and new Polish Resistant Aggregates

TO: District Testing Staff
Certified Aggregate Producers
Certified HMA Producers

FROM: Matthew P. Beeson, State Materials Engineer *MPB*
Office of Materials Management

ITM 214, Acceptance Procedures for Polish Resistant Aggregates (PRA), was recently revised effective November 29, 2016. The revisions introduce new acceptance criteria. Previously, an HMA test section placed with the candidate PRA had to have equal or better friction values to an HMA control section placed with an approved PRA or dolomite after two years in service. Now, if the candidate PRA fails this portion of ITM 214, the test section will be monitored for an additional year. If the test section has an average friction value greater than or equal to 35.0, with no individual location less than 30.0, the material will be approved as a PRA. This is the same acceptance criteria that is used in warranty contracts used by the Department.

After making this change, we decided to go back and review past ITM 214 test sections that did not pass the earlier criteria, and applied the new criteria to determine if any material should be added as a PRA. The following additional materials are now approved as PRA:

U.S. Aggregates, Richmond (2335) – 3-10M ESAL (Category 3)
Irving Materials, Inc., Pendleton (2348), Ledges 10-15 – 3-10M ESAL (Category 3)
Martin Marietta, Kokomo (2353), Ledges 502-10 – 3-10M ESAL (Category 3)
Harrison Sand and Gravel (2514) – 3-10M ESAL (Category 3)
U.S. Aggregates, Columbus (2535), Ledges 11-12 – >10M ESAL (Category 4)

If you have additional questions, please contact Bob Rees at 317-610-7251x232, or rees@indot.in.gov.

MPB/mpb