



# INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

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## CONSTRUCTION MEMORANDUM 13-08

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

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

SUBJECT: Changes related to Section 401 and 402 in 2014 INDOT Standard Specifications and RSP 400-R-601.

The 2014 Standard Specifications and Recurring Special Provision 400-R-610 include many changes related to Sections 401 and 402. Please refer to the 2014 Standard Specifications and RSP 400-R-610 for the details associated with these changes. These changes only apply to contracts for which the 2014 Standard Specifications are applicable and include the above noted recurring special provision.

In summary, the primary changes are listed and discussed below:

- **All mainline mixtures will be QC/QA HMA mixtures as described in 401**—There will no longer be 402 mixtures used on mainline pavements. Mainline mixtures will be accepted as follows:
  - For QC/QA HMA open or dense graded mixture pay items with original contract quantities less than 300 t, the basis of volumetric property acceptance is a Type D certification in accordance with 402.09. The properties covered by the certification include binder content and air voids at  $N_{des}$ .
  - Volumetric property acceptance for open or dense graded mixture pay items with original contract quantities equal to or greater than 300 t will be based on sampling and testing in accordance with current QC/QA HMA volumetric property acceptance practice.

- Density for QC/QA HMA dense graded mixture pay items with original contract quantities less than 300 t shall be in accordance with 402.15—the standard rolling train that previously applied to 402 HMA dense graded mixtures.
- Density for QC/QA HMA dense graded mixture pay items with original contract quantities greater than or equal to 300 t will be based on testing of cores in accordance with current QC/QA HMA dense graded mixture density acceptance.
- Density for QC/QA HMA open graded mixtures pay items shall be in accordance with 401.16 regardless of quantity.
- Smoothness acceptance for mainline pavement will be in accordance with 401.18(b) if the original contract quantity for the traveled way surface mixture is less than or equal to one subplot—straightedge acceptance.
- Smoothness acceptance for mainline pavement will be in accordance with 401.18(a) if the original contract quantity for the traveled way surface mixture is greater than one subplot—profilograph acceptance.

Base, intermediate, and surface mixtures will no longer be included in 402.

- **Miscellaneous mixtures**—Requirements related to HMA Rumble Strips, HMA for Temporary Pavement, and HMA Wedge and Level remain in 402. In addition, the following mixtures must meet 402 requirements although they are referenced in other Standard Specifications Sections:
  - HMA Patching (Section 304)
  - HMA Widening (Section 304)
  - HMA Partial Depth Patch (Section 507)
  - HMA for Sidewalk (Section 604)
  - HMA Curbing (Section 605)
  - HMA for Approaches (Section 610)
  - HMA for Structure Installation (Section 715)
  - HMA for Underdrains (Section 718)

In the short term there may be some contracts let beginning in September 2013 that still include pay items related to the 2012 Standard Specifications. For these contracts, a unique special provision has been developed to incorporate the 2012 specification requirements into the contract. If you encounter a contract associated with the 2014 Standard Specifications that includes any 402 pay items that are not included in the 402 pay item list, the first step is to look in the CIB to verify that the unique special provision is included. If the unique special provision is not included, please contact your supervisor immediately. If the problem is discovered prior to letting a revision can be processed to add the unique special provision to the contract. If the contract has been let prior to the discovery, it will be necessary to execute a change order to add the unique special provision to the contract. The instructions included in this paragraph are not applicable for contracts let prior to September 1, 2013 and associated with the 2012 Standard Specifications.

If there are any questions regarding this matter, please contact the Division of Construction Management Field Engineer assigned to your District.

MAM/JGJ