



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Memorandum

May 6, 2009

### CONSTRUCTION MEMORANDUM 09-12

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

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

SUBJECT: Warm Mix Asphalt, WMA

Warm Mix Asphalt, WMA, is a group of new technologies that many asphalt producers have chosen to implement into their operations. Because this concept is new, the Standard Specifications do not currently address WMA.

The Standards Committee has approved a revision to Recurring Special Provision 400-R-553 that will address WMA. The revised special provision will be placed in contracts beginning with lettings on or after June 1, 2009. The requirements for WMA in the special provision are listed below:

- WMA produced with a water injection foaming device may be utilized for QC/QA HMA ESAL Category 1, 2, and 3 mixtures.
- WMA produced with a water injection foaming device may be utilized for temporary HMA mixtures as well as HMA Type A, B, and C mixtures.
- The DMFs and JMFs for WMA mixtures must list the minimum plant discharge temperature.
- WMA recycled material requirements are identical to those for QC/QA HMA and HMA mixtures.

In addition to the requirements noted above, ITM 583 sections 8.3.5, 9.1.4, and 13.2.7 have been revised to address WMA.

The Office of Materials Management has also distributed a memorandum to all Certified HMA Producers instructing them to place a "WMA" designation on all weigh tickets for WMA mixes. This memo has also been copied to the District Testing Engineers to notify them of this requirement.

This memorandum also serves as authorization for use of WMA mixes on any active contract let prior to June 1, 2009 provided the requirements set out above are met. The PE/S may allow the use of WMA on active contracts when an approved DMF/JMF is received from the District Testing Engineer. A Change Order is not required to incorporate these changes into an active contract.

Please make your staff aware of these changes. A copy of revised special provision 400-R-553 is available for your reference on the Department's website at:

[http://www.in.gov/dot/div/contracts/standards/rsp/sep07/400/400-R-553\\_090601.pdf](http://www.in.gov/dot/div/contracts/standards/rsp/sep07/400/400-R-553_090601.pdf)

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

MAM/jgj

Attachment