

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Design Team Leaders

DATE: April 15, 2010

FROM: Steven W. Reeves
Quality Control Engineer

SUBJECT OR PROJECT NO: Tack Coat Continued

INFORMATION COPY TO:

COUNTY:

Roadway Design Division Engineer (Reese)
Assistant Roadway Design Division Engineer (Mood)
Assistant Chief Engineer - Pre-Construction (Purvis)
Special Projects Engineer (Boteler)
Roadway Design Section Engineers
Construction Division (Funchess)
District Engineers
District LPA Coordinators
LPA Division (Smith)
FHWA
Consultants
RWD Files (Reeves)

There have been some questions raised about the use of tack coat in conjunction with certain materials. Please see below for clarification of the use of this pay item.

The pay item for tack coat between layers of all other types of asphalt (except OGFC), including under Stone Matrix Asphalt (SMA) or on any existing surfaces to be overlaid, both asphalt and concrete, milled or unmilled:

907-407-A001 ASPHALT FOR TACK COAT per GALLON
Or
907-407-A001 ASPHALT FOR TACK COAT per LITER

Application rate: 0.1 gallons/SY OR 0.45 liters/SM

No tack coat is required on top of rubblized concrete or on a crushed stone base.

The pay item for tack coat under Open-Graded Friction Course (OGFC):

907-402-B001 BITUMINOUS TACK COAT per GALLON
Or
907-402-B001 BITUMINOUS TACK COAT per LITER

Application Rate: 0.075 gallons/SY or 0.34 liters/square meter

Consultants:

Please distribute this Design Memo to any other of your offices that may have a need for it. All RWD Design Memos may be found on MDOT's FTP site:

<http://ftp.mdot.state.ms.us>

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If you have any questions, please advise.