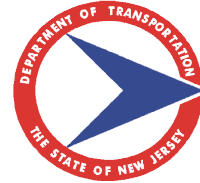


New Jersey Department of Transportation

1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

ANNOUNCEMENT: BDC25S-06

DATE: April 15, 2025

SUBJECT: Tack Coat Application Rate
 - Revision to Subpart 155.03.01 of the 2019 Standard Inputs and Subpart 401.03.05 of the 2019 Standard Specifications for Road and Bridge Construction.

Subpart 155.03.01 of the 2019 Standard Inputs and Subpart 401.03.05 of the 2019 Standard Specifications for Road and Bridge Construction have been revised to incorporate the standard practice for the tack coat application rate according to ASTM D2995.

The following revisions have been incorporated into the 2019 Standard Specifications and the 2019 Standard Inputs via the 2019 Standard Inputs, SI2019:

155.03.01 Field Office

↑*****↑

PROVIDE THE PROJECT SPECIFIC ITEMS.
 COMPLETE AND INCLUDE THE FOLLOWING LIST.

SME CONTACT – CONSTRUCTION MANAGEMENT

7. Inspection Equipment.

THE FOLLOWING IS ADDED:

31. Balance and shield according to ASTM D2995.
32. Pad Assemblies of 12" X 12" Geotextile Pads or other absorbent pads according to ASTM D2995, weighing a minimum of 8 oz/yd², stapled to 12" X 12" X 1/4" plywood.
33. Insulated gloves for thermal protection when handling hot tack coat

↑*****↑

401.03.05 Tack Coat

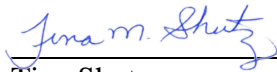
THE FOLLOWING IS ADDED AFTER THE FOURTH PARAGRAPH:

The Department will perform verification testing of tack coat application rate according to ASTM D2995, Option A, within the first 300 feet of each paving operation for each lane of paving, except that only one pad assembly will be used for the transverse application rate and the longitudinal application rate will not be verified. Prior to tack coat application, allow the RE access to set geotextile pads for the initial verification test. After passing over the pads with the tack distributor, allow the RE time to perform the verification test and calculation. If the application rate is determined to be outside the rate specified in Table 401.03.05-1, stop the tack coat and paving operations, make the required adjustments to achieve a proper application rate, and allow the RE to perform an additional verification test within the next 300 feet. Allow the RE to perform additional tests until the correct application rate is achieved. Retack areas that are insufficiently coated. The frequency of testing may be increased based on a visual inspection or at the discretion of the RE.

Implementation Code R (ROUTINE)

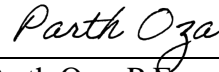
Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for addenda or postponement of advertisement or receipt of bids.

Recommended By:



Tina Shutz
Director
Capital Program Support

Approved By:



Parth Oza, P.E.
Assistant Commissioner
Capital Program Management
and Deputy State Transportation Engineer

TS: MS: NJB