

Designer Note: Check with Materials and/or Construction for use of this special provision. It will typically be used on urban type jobs. This special allows the use of either a spray paver or a special tack coat material.

### HOT MIX ASPHALT – TACK COAT (SPECIAL) OPTIONS

Effective: August 1, 2019

Revised: November 8, 2019

The Contractor will have the option to apply tack coat by either of the following means: SS-1hP applied simultaneously with HMA paving via spray paver, or NTEA applied via distributor truck prior to HMA paving.

Revise Note 1 of Article 406.02 of the Standard Specifications to read:

"Note 1. The bituminous material used for tack coat shall be one of the types listed in the following table:

Application	Bituminous Material Types
Tack Coat on Brick, Concrete, or HMA Bases	SS-1hP, NTEA"

Revise Article 406.05(b)(1) of the Standard Specifications to read:

"(b) Tack Coat. The bituminous material shall be prepared according to Article 403.05 and applied according to Article 403.10.

(1) Tack Coat for Brick, Concrete or HMA Bases. The base shall be cleaned of all dust, debris and any substance that will prevent the prime coat from adhering to the base. Cleaning shall be accomplished by sweeping to remove all large particles and air blasting to remove dust. As an alternate to air blasting, vacuum sweeping may be used to accomplish the dust removal. Vacuum sweeping shall be accomplished with a regenerative air vacuum sweeper. The base shall be free of standing water at the time of application. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface as specified in the following table.

Type of Surface to be Primed	Residual Asphalt Rate (1) Lb./sq. ft.
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.08
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.08

The bituminous material for the tack coat shall be placed one lane at a time. If a spray paver is not used, the tacked lane shall remain closed until the tack coat is fully cured and does not pick-up under traffic."

Revise the first paragraph of Article 406.14 of the Standard Specifications to read:

**"Basis of Payment.** Tack Coat will be paid for at the contract unit price per Pound of residual asphalt applied for BITUMINOUS MATERIALS (TACK COAT), SPECIAL."