

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

ROADWAY DESIGN DIVISION

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JOE GALBATO, III INTERIM COMMISSIONER BILL LEE GOVERNOR

INSTRUCTIONAL BULLETIN NO. 22-07

Update to Chapter 7 – Item Numbers Regarding Computations for Double Bituminous Surface Treatment (DBST)

Effective immediately, Chapter 7 has been updated to provide Double Bituminous Surface Treatment rates that align with the *TDOT Specifications for Road and Bridge Construction*.

The revised section is shown below:

7-405.02 COMPUTATIONS FOR DOUBLE BITUMINOUS SURFACE TREATMENT

<u>Item No. 405-01.01</u> Bituminous Material for Double Bituminous Surface Treatment (DBST)

- * Rate 0.30 0.38 Gal./ Sq. Yd. (First Application)
- * Rate 0.20 0.35 Gal./Sq. Yd. (Second Application)

NOTE: Designers shall assume the mid-point of the rate ranges when calculating quantities. If a different value is used, footnote this item on the estimated roadway quantities sheet in the plans to indicate the rate used. Designers shall show the rate range on the proposed pavement schedule in the plans.

NOTE: See Subsection 405.06 of the *Tennessee Department of Transportation Standard Specifications* for more information regarding the application of Double Bituminous Surface Treatment

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Item No. 405-01.02 Mineral Aggregate for Double Bituminous Surface Treatment (DBST)

* Rate 24 - 30 Lb./ Sq. Yd. (First Application)

NOTE: Designers shall assume the mid-point of the rate ranges when calculating quantities. If a different value is used, footnote this item on the estimated roadway quantities sheet in the plans to indicate the rate used. Designers shall show the rate range on the proposed pavement schedule in the plans.

NOTE: See Subsection 405.06 of the *Tennessee Department of Transportation Standard*Specifications for more information regarding the application of Double Bituminous Surface Treatment

Jennifer Moyd, PE Civil Engineering Director Roadway Design Division

KJL:LHC:WKA March 8, 2022

^{*} Rate 16 – 28 Lb./Sq. Yd. (Second Application)