FDOT

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

December 2, 2019

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
        Section: **330**
        Proposed Specification: **3300905 Hot Mix Asphalt – General Construction Requirements.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Richard Hewitt from the State Construction Office to ensure pay reduction applies to deficient asphalt and eliminates pay reduction for asphalt that is not deficient.
Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

                        Sincerely,

                        Signature on file

                        Daniel Strickland, P.E.
                        State Specifications Engineer

DS/rf
Attachment
cc: Florida Transportation Builders' Assoc.
        State Construction Engineer

HOT MIX ASPHALT -
GENERAL CONSTRUCTION REQUIREMENTS
(REV 9-23-19)

SUBARTICLE 330-9.5.2 is deleted and the following substituted:

330-9.5.2 Reduction in Pay Item Quantity: When the Engineer elects to waive corrections, the Department will reduce the pay quantity for the pay item in question by the amount of material ~~the Contractor would have removed and replaced had the correction been made~~ within the defective area. For all mix types, when the measured deficiency lane length is less than 5 feet, use 5 feet for the deficiency lane length when determining the pay reduction. When the pay quantity is in tons, the Department will base the reduction on the volume of material ~~the Contractor would have removed~~ within the defective area (the deficiency lane length by the lane width by layer thickness) multiplied by the maximum specific gravity of the mix as determined through the following equation:

$$\text{Quantity (tons)} = L \times W \times t \times G_{mm} \times 0.0024$$

Where: L = Deficiency Lane length (ft.)
W = Lane width (ft.)
t = Layer thickness (in.)
G_{mm} = Maximum specific gravity from verified mix design

For FC-5 open-graded friction course, the Department will base the reduction on the area ~~the Contractor would have removed~~ within the defective area (the deficiency lane length by lane width) multiplied by a spread rate of 80 pounds per square yard as determined through the following equation:

$$\text{Quantity (tons)} = L \times W \times 0.0044$$

Where: L = Deficiency Lane length (ft.)
W = Lane width (ft.)

HOT MIX ASPHALT -
GENERAL CONSTRUCTION REQUIREMENTS
(REV 9-23-19)

SUBARTICLE 330-9.5.2 is deleted and the following substituted:

330-9.5.2 Reduction in Pay Item Quantity: When the Engineer elects to waive corrections, the Department will reduce the pay quantity for the pay item in question by the amount of material within the defective area. For all mix types, when the measured deficiency lane length is less than 5 feet, use 5 feet for the deficiency lane length when determining the pay reduction. When the pay quantity is in tons, the Department will base the reduction on the volume of material within the defective area (the deficiency lane length by the lane width by layer thickness) multiplied by the maximum specific gravity of the mix as determined through the following equation:

$$\text{Quantity (tons)} = L \times W \times t \times G_{mm} \times 0.0024$$

Where: L = Deficiency Lane length (ft.)
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