

ORIGINATION FORM

Date: 8-8-11

Originator: David Chason

Contact Information: State Construction Office 414-4171

Specification Title: Bituminous Material

Specification Section, Article, or Subarticle Number: 9-2.1.2

Why does the existing language need to be changed? Provide clarification on bituminous adjustments for asphalt square yard items. This will eliminate any conversion of tonnage to square yards by the contractor.

Summary of the changes: Eliminate asphalt square yards items being converted to equivalent tons since the gallons of bituminous are calculated on each certification of quantities.

Are these changes applicable to all Department jobs? If not, what are the restrictions? yes

Will these changes result in an increase or decrease in project costs? If yes, what is the estimated change in costs? no

With who have you discussed these changes? none

What other offices will be impacted by these changes? none

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? no

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? no

Contact the State Specifications Office for assistance in completing this form.
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ANANTH PRASAD, P.E.
SECRETARY

M E M O R A N D U M

DATE: September 26, 2011

TO: Specification Review Distribution List

FROM: Rudy Powell, Jr., P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **0090201 Measurement and Payment.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by David Chason of the State Construction Office to clarify bituminous adjustments for asphalt square yard items.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965RP or rudy.powell@dot.state.fl.us. Comments received after **October 24, 2011**, may not be considered. Your input is encouraged.

RP/dt
Attachment

MEASUREMENT AND PAYMENT.
(REV 8-5-11)

SUBARTICLE 9-2.1.2 (Pages 97 and 98) is deleted and the following substituted:

9-2.1.2 Bituminous Material: Prepare a Contractor's Certification of Quantities, using the Department's current approved form for Superpave Asphalt Base, Turnout Construction (Asphalt), Asphalt Treated Permeable Base, Superpave Asphaltic Concrete, Miscellaneous Asphalt Pavement and Asphalt Rubber Membrane Interlayer pay items. Submit this certification to the Engineer no later than Twelve O'clock noon Monday after the estimate cut-off or as directed by the Engineer, based on the quantity of asphalt produced and accepted on the roadway per Contract. Ensure the certification includes the Contract Number, Financial Project Identification (FPID) Number, Certification Date and Number, the period the certification represents and the tons produced for each asphalt pay item.

On Contracts having an original Contract Time of more than 365 calendar days, or more than 5,000 tons of asphalt concrete, the Department will adjust the bid unit price for bituminous material, excluding cutback and emulsified asphalt to reflect increases or decreases in the Asphalt Price Index (API) of bituminous material from that in effect during the month in which bids were received. The Contractor will not be given the option of accepting or rejecting this adjustment. Bituminous adjustments will be made only when the current API (CAPI) varies by more than 5% of the API prevailing in the month when bids were received (BAPI), and then only on the portion that exceeds 5%.

The Department will determine the API for each month by averaging quotations in effect on the first day of the month at all terminals that could reasonably be expected to furnish bituminous material to projects in the State of Florida.

The API will be available on the Construction Office website before the 15th of each month at the following URL:
www.dot.state.fl.us/construction/fuel&Bit/Fuel&Bit.shtm .

Payment on progress estimates will be adjusted to reflect adjustments in the prices for bituminous materials in accordance with the following:

$$\text{\$ Adjustment} = (\text{ID})(\text{Gallons})$$

Where ID = Index Difference = [CAPI - 0.95(BAPI)] when the API has decreased between the month of bid and month of this progress estimate.

Where ID = Index Difference = [CAPI - 1.05(BAPI)] when the API has increased between the month of bid and month of this progress estimate.

Payment will be made on the current progress estimate to reflect the index difference at the time work was performed.

For asphalt concrete items payable by the ton *or square yard*, the number of gallons will be determined assuming a mix design with 6.25% liquid asphalt weighing 8.58 lb/gal.

~~Asphalt concrete items payable by the square yard will be converted to equivalent tons assuming a weight of 100 lb/yd² per inch.~~

For asphalt concrete items payable by the cubic yard, the number of gallons will be determined assuming a mix design with 3% liquid asphalt weighing 8.58 lb/gal.