

ORIGNATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR (The person who receives or originates the issue and needs to forward the issue for action.)

Specification: 9-2.1.2
Subject: Bituminous Materials

Origination date: 12-28-09

Originator: David Chason
Office/Phone: Construction 414-4171

Problem statement: The Specification were not clear on whether to do a bituminous adjustment on the asphalt treated permeable base item.

Proposed solution: The Preparation & Documentation manual will be updated to reflect this change. There should be limited impact due to the number of contracts this item is used on.

Information source: Mr. Paul Steinman
Recommended Usage Note: n/a

Estimated fiscal impact, if implemented:

Implementation of these changes, if and when approved, will begin with the ~~July 2010~~ *January 2011* letting.



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

MEMORANDUM

DATE: March 31, 2010

TO: Specification Review Distribution List

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

SUBJECT: Proposed Specification: **0090201 Measurement and Payment – Bituminous Material.**

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 include how the quantity of liquid asphalt will be determined for bituminous adjustment.

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 ST986RP or rudy.powell@dot.state.fl.us. Comments received after **April 27, 2010**, may not be considered. Your input is encouraged.

RP/dt
Attachment

MEASUREMENT AND PAYMENT –BITUMINOUS MATERIAL.
(REV 31-97-10)

SUBARTICLE 9-2.1.2 (Pages 97 – 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 certified asphalt concrete 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 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, 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.