Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

July 19, 2011

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
        Section **234**
        Proposed Specification: **2340400 Superpave Asphalt Base.**

Dear Ms. Gourdine:

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

These changes were proposed by Greg Sholar of the State Materials Office to correct the conflict
with specification references to Section 320 due to a rewrite of that section.

Please review and transmit your comments, if any, within two weeks. Comments should be sent
via Email to SP965RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State
Specifications Engineer at 414-4280.

                        Sincerely,

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

RP/cah
Attachment
cc: Gregory Jones, Chief Civil Litigation
        Florida Transportation Builders' Assoc.
        State Construction Engineer

SUPERPAVE ASPHALT BASE.
(REV 5-19-11)

ARTICLE 234-4 (Page 219) is deleted and the following substituted:

234-4 Contractor's Process Control.
Meet the requirements of *320-2,* 330-2 and 334-4.

SUBARTICLE 234-8.1 (of the Supplemental Specification) is deleted and the following substituted:

234-8.1 General: The total thickness of the Type B asphalt layers will be the plan thickness as shown in the Contract Documents. Before paving, propose a thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan thickness. For construction purposes, the plan thickness and individual layer thickness will be converted to spread rate based on the maximum specific gravity of the asphalt mix being used, as well as the minimum density level, as shown in the following equation:

Spread rate (lbs. per square yard) = $t \times G_{mm} \times 43.3$

Where: t = Thickness (in.) (Plan thickness or individual layer thickness)

G_{mm} = Maximum specific gravity from the verified mix design

The weight of the mixture shall be determined as provided in 320-2*3*.2. For target purposes only, spread rate calculations should be rounded to the nearest whole number.

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$$\text{Spread rate (lbs. per square yard)} = t \times G_{mm} \times 43.3$$

Where: t = Thickness (in.) (Plan thickness or individual layer thickness)

G_{mm} = Maximum specific gravity from the verified mix design

The weight of the mixture shall be determined as provided in 320-3.2. For target purposes only, spread rate calculations should be rounded to the nearest whole number.