

ORIGINATION FORM

Date: 10/25/13

Originator: Greg Sholar

Contact Information: 352.955.2920; gregory.sholar@dot.state.fl.us

Specification Title: Hot Mix Asphalt - Plant Methods and Equipment

Specification Section, Article, or Subarticle Number: 320

Why does the existing language need to be changed? Refinement of specification.

Summary of the changes: Make change to temperature requirements for warm mix asphalt.

Are these changes applicable to all Department jobs? Yes.

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? No.

If yes, what is the estimated change in costs? N/A.

With who have you discussed these changes? FDOT staff and Asphalt Contractors' Association of Florida.

What other offices will be impacted by these changes? Construction.

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

Are all references to external publications current? N/A.

If not, what references need to be updated (please include changes in the redline)?

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No.

Contact the State Specifications Office for assistance in completing this form.

Daniel Scheer 850-414-4130 daniel.scheer@dot.state.fl.us

Frances Thomas 850-414-4101 frances.thomas@dot.state.fl.us

Debbie Toole 850-414-4114 deborah.toole@dot.state.fl.us

Andy Harper 850-414-4127 clifton.harper@dot.state.fl.us

Ray Haverty 850-414-4129 ray.haverty@dot.state.fl.us



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

M E M O R A N D U M

DATE: November 13, 2013

TO: Specification Review Distribution List

FROM: Daniel Scheer, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **3200603 Hot Mix Asphalt - Plant Methods and Equipment.**

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

This change was proposed by Greg Sholar of the State Materials Office (SMO) to modify the temperature requirements for warm mix asphalts.

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 SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **December 11, 2013**, may not be considered. Your input is encouraged.

DS/dt
Attachment

HOT MIX ASPHALT - PLANT METHODS AND EQUIPMENT.**(REV 10-25-13)**

SUBARTICLE 320-6.3.2 is deleted and the following substituted:

320-6.3.2 Test Frequency: The normal frequency for taking asphalt mix temperatures will be for each day, for each design mix on the first five loads and one out of every five loads thereafter. Take the temperature of the asphalt mix at the plant and at the roadway before the mix is placed at the normal frequency. Record the temperature on the front of the respective delivery ticket. The Engineer shall review the plant and roadway temperature readings and may take additional temperature measurements at any time.

If any single load at the plant or at the roadway is within the master range shown in Table 320-2 but does not meet the criteria shown in Table 320-3 (for single measurements or the average of five consecutive measurements), the temperature of every load will be monitored until the temperature falls within the specified tolerance range in Table 320-3; at this time the normal frequency may be resumed. For warm mix asphalt, the Contractor may produce the first five loads of the production day *and at other times when approved by the Engineer*, at a hot mix asphalt temperature not to exceed 330°F for purposes of heating the asphalt paver. For this situation, the upper tolerances of Tables 320-2 and 320-3 as applied to the warm mix asphalt mix design do not apply.