

## ORINATION FORM

Date: **5-10-13**

Originator: **Greg Sholar**

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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: **1. Added wording to allow the first five loads of a day's production of warm mix asphalt to be produced at a hot mix asphalt temperature in order to heat the paving machine.**

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?

With who have you discussed these changes? **The following groups have discussed these changes: Asphalt Specifications Working Group comprised of Department and Industry representatives. All of the District Bituminous Engineers.**

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

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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## *Florida Department of Transportation*

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ANANTH PRASAD, P.E.  
SECRETARY

### MEMORANDUM

**DATE:** May 24, 2013

**TO:** Specification Review Distribution List

**FROM:** Trey Tillander, Manager State Specifications and Estimates Office

**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 to add language to allow the first five loads of a day's production of warm mix asphalt to be produced at a hot mix asphalt temperature in order to heat the paving machine.

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 SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us). Comments received after **June 21, 2013**, may not be considered. Your input is encouraged.

TT/dt  
Attachment

**HOT MIX ASPHALT – PLANT METHODS AND EQUIPMENT.****(REV 5-10-13)**

SUBARTICLE 320-6.3.2 (Page 246 – 247) 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 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.*