

ORINATION 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: 320

Subject: Hot Bituminous Mixtures - Plant, Methods, and Equipment

Origination date: May 29, 2009

Originator: Greg Sholar

Office/Phone: State Materials Office / 352.955.2920

Problem statement: Address issues related to mandating automatic transverse screed control on pavers and weight limits on steel-wheeled rollers.

Proposed solution: Added wording to remove mandatory requirement for having automatic transverse screed control on pavers. Industry has determined this is not necessary. The cross slope specification will dictate what type of paver controls are needed. Modified the tonnage weight of steel wheeled rollers to provide a minimum and maximum weight, not just a minimum weight. Lowered the minimum weight to 5 tons, instead of 8 tons, to accommodate rollers that are currently being used effectively.

Information source: Asphalt Industry.

Recommended Usage Note: All asphalt projects.

Estimated fiscal impact, if implemented: None.

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



Florida Department of Transportation

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M E M O R A N D U M

DATE: June 10 2009
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 3200500, Paving Equipment

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

This change was proposed by Tom Malerk to remove the requirement for having automatic transverse screed control on pavers and to modify the tonnage weight of steel wheeled rollers provide a minimum and maximum weight.

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 July 10, 2009, may not be considered. Your input is encouraged.

RP/dr
Attachment

PAVING EQUIPMENT.

(REV 6-1-09)

SUBARTICLE 320-5.1.2 (Page 246) is deleted and the following substituted:

320-5.1.2 Automatic Screed Control: For all asphalt courses, placed with mechanical spreading and finishing equipment, equip the paving machine with automatic longitudinal screed controls of either the skid type, traveling stringline type, or non-contact averaging ski type. Ensure that the length of the skid, traveling stringline, or non-contact averaging ski is at least 25 feet. On the final layer of base, overbuild, and structural courses, and for friction courses, use the joint matcher in lieu of the skid, traveling stringline, or non-contact averaging ski on all passes after the initial pass. ~~Furnish a paving machine equipped with electronic transverse screed controls.~~

SUBARTICLE 320-5.3.1 (Page 246) is deleted and the following substituted:

320-5.3.1 Steel-Wheeled Rollers: Provide compaction equipment capable of meeting the density requirements described in these Specifications. In the event that density testing is not required, provide a tandem steel-wheeled roller weighing a ~~minimum of 8.5 to~~ **15** tons for seal rolling, and for the final rolling, use a separate roller with a ~~minimum~~ weight of **8.5 to 15** tons. Variations from these requirements shall be approved by the Engineer.