



Florida Department of Transportation

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GOVERNOR

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DENVER J. STUTLER, JR.
SECRETARY

MEMORANDUM

DATE: December 21, 2006
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer
SUBJECT: Proposed Specifications Change: 9620401 Structural Steel and Miscellaneous Metal Items (Other than Aluminum)

In accordance with Specification Development Procedures, we are sending you a copy of a proposed new specification change Structural Steel and Miscellaneous Metal Items (Other than Aluminum).

This change was proposed by Michael Shepard of the State Drainage Office to provide requirements for Drainage features and update an incorrect ASTM reference.

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 SP965DB or duane.brautigam@dot.state.fl.us. Comments received after January 18, 2007 may not be considered. Your input is encouraged.

DFB/ft

Attachment

COMMENTS:

Submitted by:

Phone #:

STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM).**(REV 12-21-06)**

SUBARTICLE 962-4.1 (of the Supplemental Specifications) is deleted and the following substituted:

962-4.1 Gray Iron Castings: Provide gray iron castings that conform to the requirements of ASTM A 48. Unless otherwise specified in the Contract Documents, provide *gratings, manhole covers and frames to Class 35B and* machinery parts to Class 30. For manholes constructed within the area of vehicular traffic, the frames and gratings shall be machine ground so the irregularity of contact will be minimized and the grates will be rattle-proof.

ARTICLE 962-7 (of the Supplemental Specifications) is deleted and the following substituted:

962-7 Anchor Rods and Bridge Bearing Materials.

Provide anchor rods, washers, masonry plates, bearings and other miscellaneous metal components that conform to the following requirements:

Provide anchor rods that conform to the requirements of ~~ASTM554~~*ASTM F1544* unless the Engineer approves the use of anchor rods meeting the requirements of ASTM A 307, with nuts that meet the requirements of ASTM A 563, Hex Nuts, Heavy and with a finish consistent with the rod. Nuts meeting the requirements of ASTM A 194 may be used only with the Engineer's approval.

Use washers meeting the requirements of ASTM F436, with a finish consistent with the rod. Washers meeting the requirements of ASTM A 844 may be used only with the Engineer's approval.