



## Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
INTERIM SECRETARY

February 15, 2007

Mrs. Leslie McCarthy, PhD, P.E.  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 962  
Proposed Specification: 9620401 Structural Steel and Miscellaneous Metal Items (Other than Aluminum)

Dear Mrs. McCarthy:

We are submitting, for your approval, two copies of a proposed Special Provision for Structural Steel and Miscellaneous Metal Items (Other than Aluminum)..

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

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or [duane.brautigam@dot.state.fl.us](mailto:duane.brautigam@dot.state.fl.us).

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on File

Duane F. Brautigam, P.E.  
State Specifications Engineer

DFB/ft

Attachment

cc: General Counsel  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**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 F1554* 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.

**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 ASTM F1554 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.