



Florida Department of Transportation

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GOVERNOR

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ANANTH PRASAD, P.E.
SECRETARY

December 12, 2014

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section **458**
Proposed Specification: **4580205 Bridge Deck Joints**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Cheryl Hudson of the State Structures Design Office to change FM 3 C1028 to ASTM F 1677 or ASTM F 1679.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4303.

Sincerely,

signature on file

Daniel Scheer, P.E.
State Specifications Engineer

DS/ot
Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

BRIDGE DECK JOINTS

(REV 10-2829-14)

SUBARTICLE 458-2.5 is deleted and the following substituted:

458-2.5 Sidewalk Cover Plates: Furnish slip resistant, *random hatch matrix or suitable pattern*, -galvanized steel sidewalk cover plates *fabricated from steel meeting the requirements of in accordance with* ASTM A 36 or ASTM A 709, Grade 36 or 50. *and as shown in the Design Standards, Index Nos. 21100 and 21110 or in the Contract Documents.* Sidewalk cover plates shall be an anti-slip steel surface consisting of a random hatch matrix or other suitable pattern. Do not use diamond plate or surface applied slip resistant tapes, films, nonmetallic coatings or other similar materials. *Fabricate cover plates in accordance with Design Standards Index Nos. 21100 and 21110. After shop fabrication, hot-dip galvanize cover plates in accordance with Section 962. Galvanized S*sidewalk cover plates shall have a minimum coefficient of friction on the top ~~galvanized~~ surface of 0.8 in dry condition, and 0.65 in a wet condition, as determined by *ASTM- F- 1677-05 or ASTM- F- 1679-04 FM 3-C1028. After shop fabrication, hot-dip galvanize in accordance with Section 962 and the cover plate manufacturer's recommendations.* Furnish flat head stainless steel sleeve anchors in accordance with ASTM F 593 Group 1 Alloy 304 for attaching sidewalk cover plates. Install sleeve anchors in accordance with the manufacturer's instructions.

BRIDGE DECK JOINTS
(REV 10-29-14)

SUBARTICLE 458-2.5 is deleted and the following substituted:

458-2.5 Sidewalk Cover Plates: Furnish slip resistant, random hatch matrix or suitable pattern, galvanized steel sidewalk cover plates fabricated from steel meeting the requirements of ASTM A 36 or ASTM A 709, Grade 36 or 50. Do not use diamond plate or surface applied slip resistant tapes, films, nonmetallic coatings or other similar materials. Fabricate cover plates in accordance with Design Standards Index Nos. 21100 and 21110. After shop fabrication, hot-dip galvanize cover plates in accordance with Section 962. Galvanized sidewalk cover plates shall have a minimum coefficient of friction on the top surface of 0.8 in dry condition, and 0.65 in a wet condition, as determined by ASTM F 1677-05 or ASTM F 1679-04. Furnish flat head stainless steel sleeve anchors in accordance with ASTM F 593 Group 1 Alloy 304 for attaching sidewalk cover plates. Install sleeve anchors in accordance with the manufacturer's instructions.