



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

May 10, 2010

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 931
Proposed Specification: 9310101 Metal Accessory Materials For Concrete Pavement And
Concrete Structures – Steel Bars.

Dear Ms. Gourdine:

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

These changes were proposed by Rodney Chamberlain to allow for the elimination of a plan note that is currently used to call for Grade 60 rebar, and to address the withdrawal of AASHTO M-42.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Rudy Powell, Jr., P.E.
State Specifications Engineer

RP/cah

Attachment

cc: Gregory Jones, Chief Civil Litigation
Florida Transportation Builders' Assoc.
State Construction Engineer

**METAL ACCESSORY MATERIALS FOR CONCRETE PAVEMENT AND
CONCRETE AND CONCRETE STRUCTURES.**

(REV 3-26-10)

SUBARTICLE 931-1.1 (Page 875) is deleted and the following substituted:

931-1.1 Steel Bars: *Unless otherwise shown in the plans,* ~~B~~billet steel bars for concrete reinforcement shall conform to the requirements of ASTM A-615 *Grade 60* except that the process of manufacture will not be restricted. For processes not included in ASTM A-615 the phosphorus content will be limited to 0.08%. ~~When the use of Rail Steel is permitted by the plans such steel shall meet the requirements of AASHTO M 42.~~

The following special requirements shall apply:

- (1) Unless otherwise specified or shown on the plans all reinforcement bars No. 3 and larger shall be deformed bars.
- (2) All billet-steel bars shall be of the grade called for on the plans.
- (3) Twisted bars shall not be used.
- (4) Wherever in the Specifications the word “purchaser” appears it shall be taken to mean the Department.

Acceptance of reinforcing steel shall be based on test samples taken randomly by the Department and manufacturer’s certified mill analysis of test results meeting the specification limits of the ASTM or AASHTO designation for the particular size, grade and any additional requirements. Randomly taken test samples and certification of test values, representing each production LOT of reinforcing steel, shall be provided to the Engineer for each Contract prior to use. Randomly taken test samples shall be cut from bundled steel that is shipped to the jobsite.

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