

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

**(REV 3-26-10) (FA 5-26-10) (1-11)**

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

**931-1.1 Steel Bars:** Unless otherwise shown in the plans, 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%.

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.