

State of Illinois
Illinois Department of Transportation

Addendum
MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS
Effective: May 13, 2011

Section 3.2.1

Insert the following between paragraphs six and seven:

Steel wire or straight rod may be used to secure void drains, dowel tubes, or other miscellaneous items provided the diameter is smaller than #3 reinforcement bar. Steel wire or straight rod shall be epoxy coated or galvanized if reinforcement bars are epoxy coated.

Section 4.2

Replace the first paragraph with the following:

The steel strand, reinforcement, and auxiliary bars shall be according to Articles 504.02 and 639.02 of the Standard Specifications. Steel wire or straight rod shall have a diameter smaller than #3 reinforcement bar, and shall be according to AASHTO M 32 or ASTM A 36. The use of auxiliary bars and steel wire or rod is discussed in Section 3.2.1.

Section 4.2

Add the following new Section "4.2.3 Steel Wire or Straight Rod":

When reinforcement bars are epoxy coated, steel wire or straight rod shall be epoxy coated or galvanized. The epoxy coating shall be according to AASHTO M 284 with a minimum coating of 7 mils (175 μm). The galvanization shall be according to either AASHTO M 111 or M 232. The patching and repair of the epoxy steel wire or straight rod shall be according to Article 508.04. The patching and repair of cut, bent or damaged galvanized steel wire or straight rod shall be according to ASTM A 780.