

## FABRICATED METAL STAY IN PLACE FORMS

6-7-05

~~In Section 420-3 "Falsework and Forms" of the Standard Specifications, revise "(D)(2) Fabricated Metal Stay In-Place Forms" as follows:~~

~~Add the following sentence after the third sentence of the first paragraph:~~

When required by the design plans, detail SIP forms with excluder plates to exclude concrete from the valleys in the forms. Styrofoam void fillers may be used in SIP metal forms with the following stipulations:

- Adhesive shall be used on all three contacting sides of the styrofoam void fillers rather than on the bottom only.
- The adhesive shall be compatible with the styrofoam material so as not to cause the styrofoam to decompose.
- Duct tape shall not be used to hold the styrofoam in place.
- Styrofoam shall be placed in one piece across each bay, and be trimmed so not to extend over the girder.
- Styrofoam damaged during placement of reinforcing steel must be replaced.

~~and add the following new Item, (D)(10) Fabricated Metal Stay In-Place Forms~~

- ~~10.~~ Weld metal stay-in-place forms for prestressed concrete girders to embedded clips in the girder flanges. . The embedded clips shall be a minimum of 2" x 3" (51 mm x 76 mm) and 2" (51 mm) long. The clips shall be galvanized, 12 gauge ASTM A653 steel and have a 3/4" (19 mm) (20 mm) diameter hole in the 2" (51 mm) leg. The spacing of the clips shall be 12" (305 mm). All submitted metal stay-in-place form designs must be able to utilize the standard size and spacing of the clip described above.