

# EXPECTED IMPLEMENTATION JULY 2010

## 462 POST-TENSIONING – MATERIALS. (REV 9-18-09) (FA 9-29-09) (7-10)

SUBARTICLE 462-4.2.4 (of the Supplemental Specifications) is deleted and the following substituted:

**462-4.2.4 Permanent Grout Caps:** Use permanent grout caps made from approved polymer or ASTM A 240 Type 316L stainless steel. The approved resins used in the polymer shall be nylon, Acrylonitrile Butadiene Styrene (ABS) or polyester. For products made from nylon, the cell class of the nylon according to ASTM D5989 shall be S-PA0141 (weather resistant), S-PA0231 or S-PA0401 (ultimate tensile strength not less than 10,000 psi with UV stabilizer added). Seal the cap with “O” ring seals or precision fitted flat gaskets placed against the bearing plate. Place a grout vent on the top of the cap. Grout caps must be rated for a minimum pressure rating of 150 psi. Use ASTM A 240 Type 316L stainless steel bolts to attach the cap to the anchorage. When stainless steel grout caps are supplied, provide certified test reports documenting the chemical analysis of the steel.

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