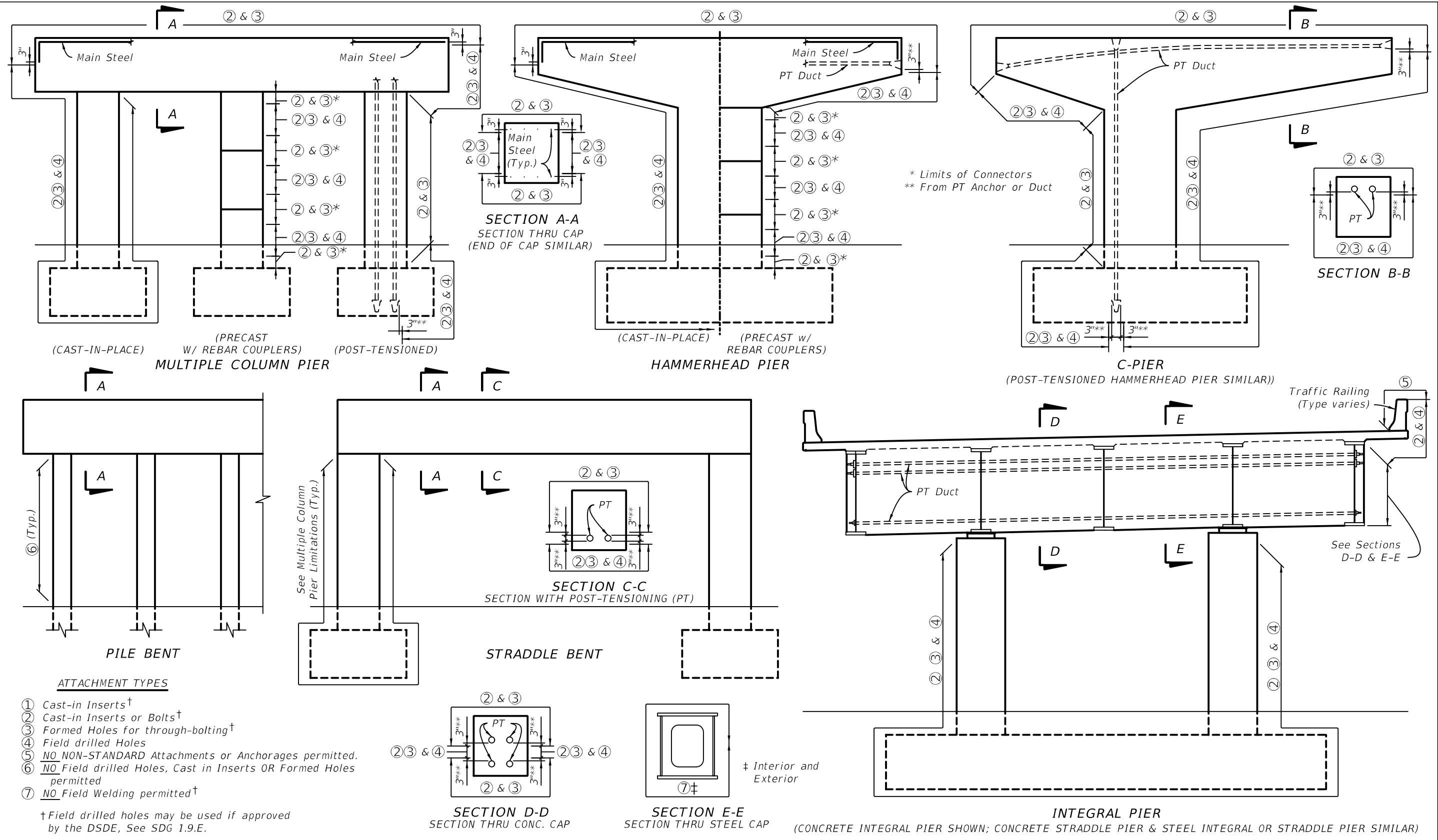


ALLOWABLE CONNECTION TYPES FOR MISCELLANEOUS ATTACHMENTS - SUBSTRUCTURES



ATTACHMENT TYPES

- ① Cast-in Inserts[†]
- ② Cast-in Inserts or Bolts[†]
- ③ Formed Holes for through-bolting[†]
- ④ Field drilled Holes
- ⑤ NO NON-STANDARD Attachments or Anchorages permitted.
- ⑥ NO Field drilled Holes, Cast in Inserts OR Formed Holes permitted
- ⑦ NO Field Welding permitted[†]

[†]Field drilled holes may be used if approved by the DSDE, See SDG 1.9.E.

PRETENSIONED CONCRETE I-BEAMS
(Florida-I Beam shown; AASHTO, Inverted-T & Florida Bulb-T Beams similar)

PRESTRESSED SLAB UNITS

CIP FLAT SLABS

PEDESTRIAN RAILING DETAIL
(Typical All Superstructures)

PRETENSIONED/POST-TENSIONED CONCRETE I-BEAMS
(Florida-I Beam shown; AASHTO & Florida Bulb-T Beams similar)

STEEL BOX GIRDERS
(All Steel Members)

STEEL I-GIRDERS
(All Steel Members)

PRETENSIONED CONCRETE FLORIDA-U BEAMS

POST-TENSIONED CONCRETE BOX GIRDERS

CIP CONCRETE BOX GIRDERS
(No Post-tensioning)

*Attach Sign Supports at Crossframes or provide supplemental bracing designed by the Bridge EOR.