NOTES

- All prestressing strands shall be of the low-relaxation grade 270 strands and shall conform to AASHTO specifications for sampling requirements which shall be in accordance with the standard specifications.
- All reinforcing steel shall be Grade 60.
- Apply epoxy protective coating to end of girder surfaces indicated in elevation view.
- Embedded plate "B-1" shall be cast-in accordance with the standard specifications.
- Anchor studs shall conform to AASHTO specifications. Reinforcement docs or approved equal and shall meet the type "S" requirements for sections of the anchorages/ends (except helix/edge cut).
- An edge of girders to be embedded in concrete capping or end walls. Prestressing strands may extend a maximum of 6" beyond the girder ends. Reinforcement detailing shall be cut flush with the girder face.
- The transfer of load from the anchorages to the girder shall be done when concrete has reached a compressive strength of not less than 55 psi.
- Depending on the type of system used to support the deck slab forms, preset anchors may be necessary in the prestressed concrete girder.
- The top surface of the girder, excluding the outside 4", shall be raked to a depth of 2".
- Embedded plates are detailed the longitudinal location of the hold down devices shall be designed by the location shown and the center of gravity of the cluster of strands shall be located within 1" of the theoretical location shown.
- A 2" chamfer is allowed at the intersection of the web and the bottom flange of the section "T"-section shall be flush with the girder face.
- The contractor may be required to provide, at no additional cost to the Department, additional strands at the top of the girder to facilitate tying of the reinforcing steel. These strands shall be placed to a load of 4500 lbs.

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