

NOTES: *(Include these notes with details shown on Dwg. No's. 6.2.5 and 6.2.6)*

1. + DENOTES STRAIGHT STRANDS.
2. ◇ DENOTES DRAPED STRANDS. *(Include only if needed)*
3. ⊕ DENOTES DEBONDED STRANDS. *(Include only if needed)*
4. 1" ∅ DRAIN, PLACED AT BOTH ENDS OF VOIDS.
5. SEE BEAM ELEVATION FOR STIRRUP SPACING.

NOTES: *(These notes are for details shown on Dwg. No's. 6.2.5, 6.2.6 and 6.2.7)*

1. *Bottom transverse stirrups shall be placed at a multiple of the top transverse stirrup spacing with a maximum spacing of 14". See prestressed section of Part I of the Bridge Manual for the design of the transverse stirrups.*
2. *See the prestressed section of Part I of the Bridge Manual for the design of the end transverse stirrups and vertical stirrups. The horizontal legs of the vertical stirrups are equal to the depth of the beam and shall be dimensioned on the plan view.*
3. *Horizontal stirrups shall be embedded a minimum distance equal to the depth of the beam or 12" into the web of the voided section, whichever is longer. Length of embedment shall be noted on the plan view.*
4. *Horizontal shear reinforcement shall be designed in accordance with Article 5.8.4 of the AASHTO-LRFD and shall be spaced at the multiple of the transverse stirrups.*
5. *Embedment of horizontal shear reinforcement into the deck slab may need to be increased in cases with large blocking depths. However, the Designer shall ensure that at least 2" clear cover is maintained to the top of deck at all locations. The embedment length shown does not produce full development.*



LRFD BRIDGE
MANUAL, PART II

CONSTRUCTION AND
DESIGNER NOTES
PRECAST CONCRETE BOX BEAMS

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