



END OF BEAM PLAN

SCALE: $\frac{3}{4}$ " = 1'-0"

NOTES:

1. See the prestressed section of Part I of the Bridge Manual for the design of the transverse stirrups. Spacing shall not exceed 12".
2. The extent of the beam shown in the Plan of Beam should be long enough to indicate typical transverse stirrup spacing throughout the beam.
3. The actual number and location of the prestressing strands shall be designed and shall conform to the spacings shown in Dwg. No.'s 4.1.6 and 4.1.7.
4. See the prestressed section of Part I of the Bridge Manual for the design of the end transverse stirrups and vertical stirrups. The horizontal leg lengths of the vertical stirrups are equal to the depth of the beam and shall be dimensioned on the plan view.
5. 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.
6. Horizontal shear reinforcement shall be designed in accordance with Article 5.8.4 of the AASHTO LRFD and shall be spaced at a multiple of the transverse stirrups.
7. Properly note and show the location and spacing of any dowels which extend into slabs, sidewalks, curb, or barriers on the cross section and plan views of the beams.



LRFD BRIDGE
MANUAL, PART II

TYPICAL END OF BEAM PLAN

PRECAST CONCRETE DECK BEAMS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER

4.1.12