

**NOTES:** (For use with details on Dwg. No. 5.1.3)

1. Transverse section shall be drawn to scale on the Construction Drawings. Steel stringer bridge is shown. Modify this transverse section to accommodate other types of bridge superstructure. Show and label all utilities.
2. HMA wearing surface shall be placed on all bridges with precast concrete deck panels when the profile slope is less than 4%. When the profile slope is greater than 4% precast deck panels shall not be used. Spray applied membrane waterproofing shall be used on the precast deck panels.
3. At closure pour locations the overhanging portion of the precast concrete deck panel shall be designed to carry all applicable loads during construction of the deck.
4. Closure pours can be used to accommodate the construction of the following:
  - Roadway crowns
  - Stage construction joints
  - Bridges with total out-to-out width greater than 40 feet
  - Bridge widening projectsIn case of the superelevated deck with no roadway crown and the total out-to-out width of the deck not exceeding 40'-0", the C.I.P. closure pour may be eliminated and a single precast concrete deck panel can be used to cover the entire width of the bridge deck.
5. Sidewalk and safety curb for S3-TL4 rail are shown. For other barrier systems see Chapter 9 and modify the details to suite the actual bridge project.

**NOTES:** (For use with details on Dwg. No.'s 5.1.5 and 5.1.6)

1. The maximum spacing of shear stud blockouts shall be limited to 2'-0" on center where possible.
2. For overhangs that do not meet the minimum dimensional requirements the post tensioning duct in the overhang shall be omitted.
3. Designer shall determine and detail the spacing of the shear stud blockouts.



LRFD BRIDGE

MANUAL, PART III

TRANSVERSE SECTION  
DESIGNER NOTES

PRECAST CONCRETE DECK PANELS

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