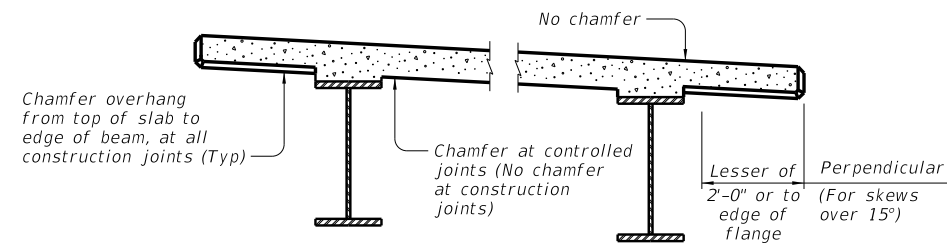
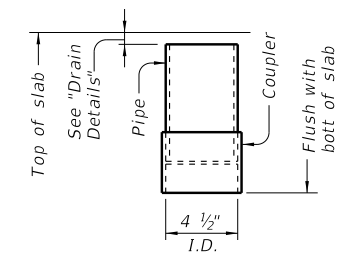


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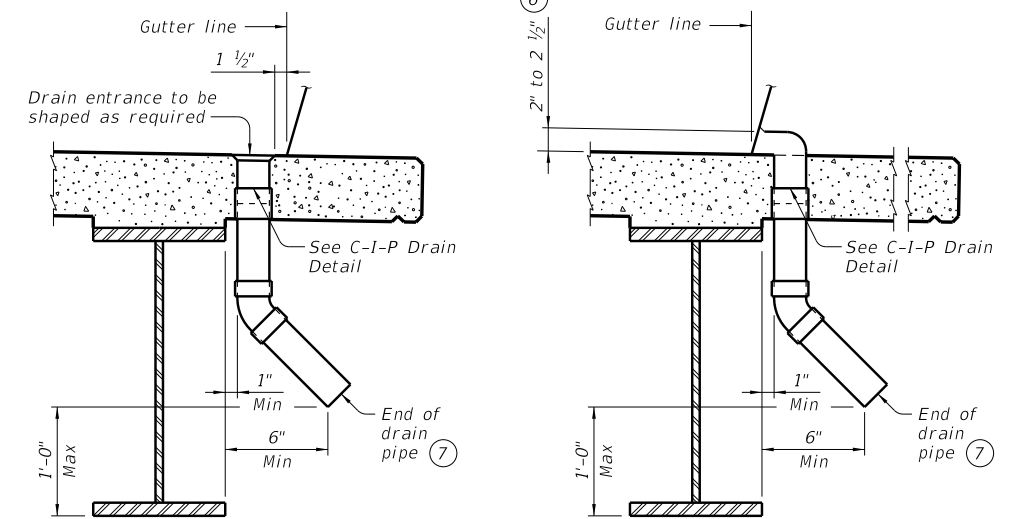


CHAMFER LIMITS DETAILS

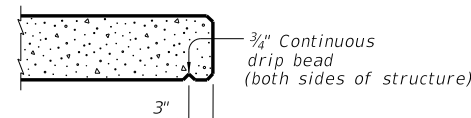
Note: See Span Details for construction joint locations.



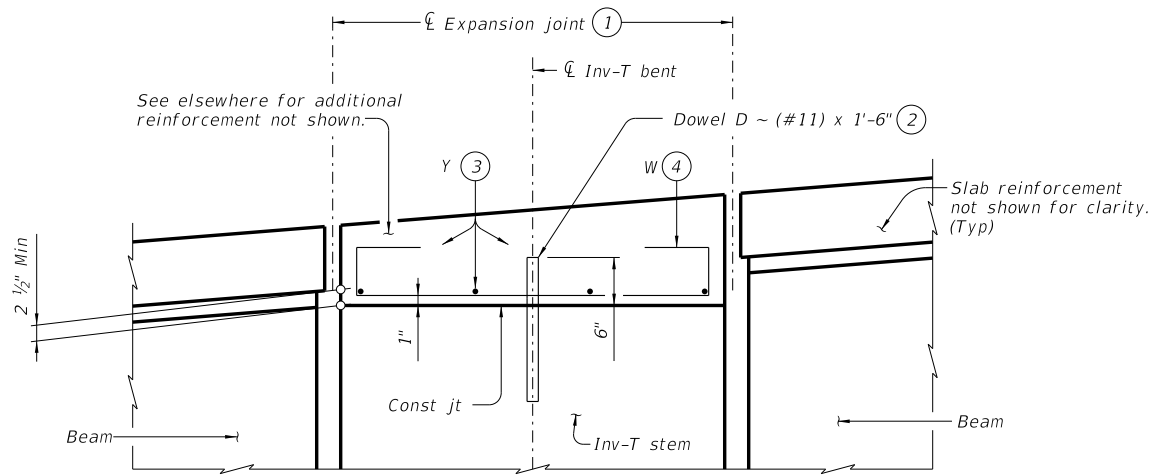
C-I-P DRAIN DETAIL ⑤



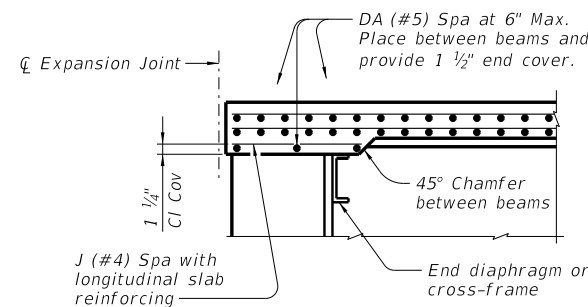
DRAIN DETAILS ⑧



DRIP BEAD DETAIL

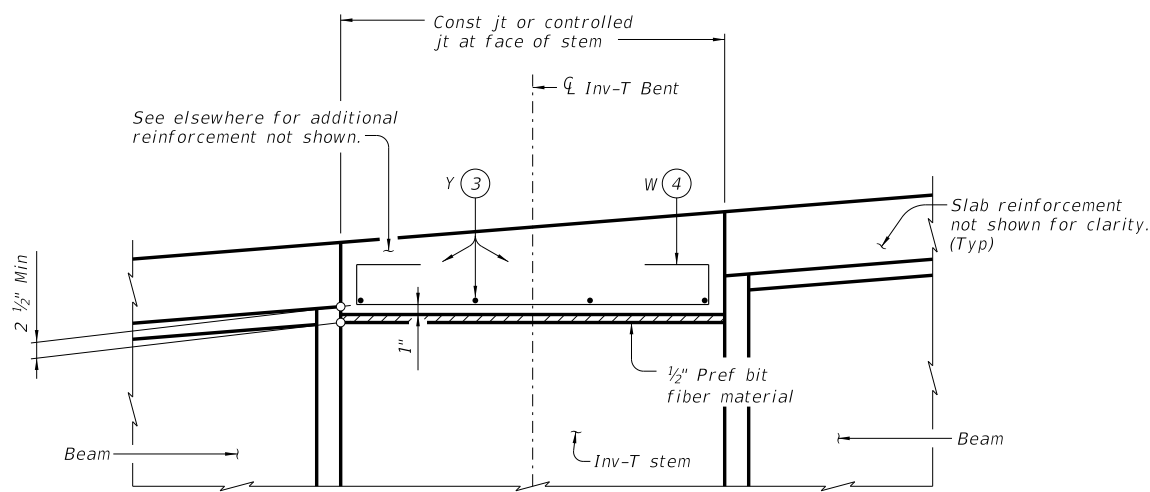


SHOWING EXPANSION JOINTS

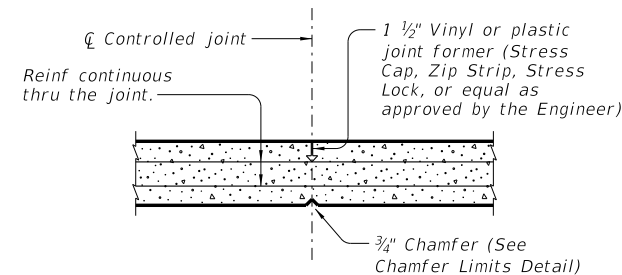


SECTION AT SLAB ENDS

Showing additional required slab reinforcement when thickened slab ends, details, steel beam spans shown on standard SBTS, are not indicated on the Span Details.



SHOWING CONST JTS OR CONTROLLED JTS REINFORCEMENT OVER INV-T BENTS



CONTROLLED JOINT DETAIL

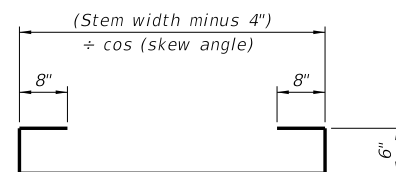
(Saw-cutting is not allowed.)

- ① See Bridge Layout for joint type.
- ② Dowels D (#11) spaced at 5 Ft Max. See Inv-T bents for quantity and location.
- ③ Space Bars Y (#4) at 12" Max. Use 2" end cover. Number of Bars Y must satisfy spacing limit. Place parallel to bent.
- ④ Space Bars W at 12" Max (3" from end of cap). Tilt if necessary to maintain cover requirements. Place parallel to longitudinal slab reinforcement.
- ⑤ Roughen outside of PVC with coarse rasp or equal to ensure bond with cast-in-place concrete.
- ⑥ Drain entrance formed in rail or sidewalk.
- ⑦ Water may not be discharged onto girders.
- ⑧ All drain pipe and fittings to be 4" diameter (Sch 40) PVC. See Item 481 "Pipe for Drains" for pipe, connections and solvent welding. Bend reinforcing steel to clear PVC 1". Drain length and location is as directed by the Engineer. Drains are not permitted over roadways or railways, or within 10'-0" of bent caps. Degrease outside of exposed PVC, apply acrylic water base primer, then coat with same surface finishing material as used for outside girder face. Variations of the above designs, as required for the type of rail used and its location on the structure, may be installed with the approval and direction of the Engineer.

GENERAL NOTES:

Designed in accordance with AASHTO LRFD Bridge Design Specifications.
All items (reinforcing steel, drains, joint formers, etc.) shown on this sheet are subsidiary to other bid items.
Provide grade 60 reinforcing steel.

Cover dimension are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar.



BARS W (#4)

		Bridge Division Standard	
MISCELLANEOUS SLAB DETAILS STEEL BEAMS			
SBMS			
FILE: SB-SBMS-21.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT
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DIST	COUNTY		SHEET NO.

DATE: FILE: