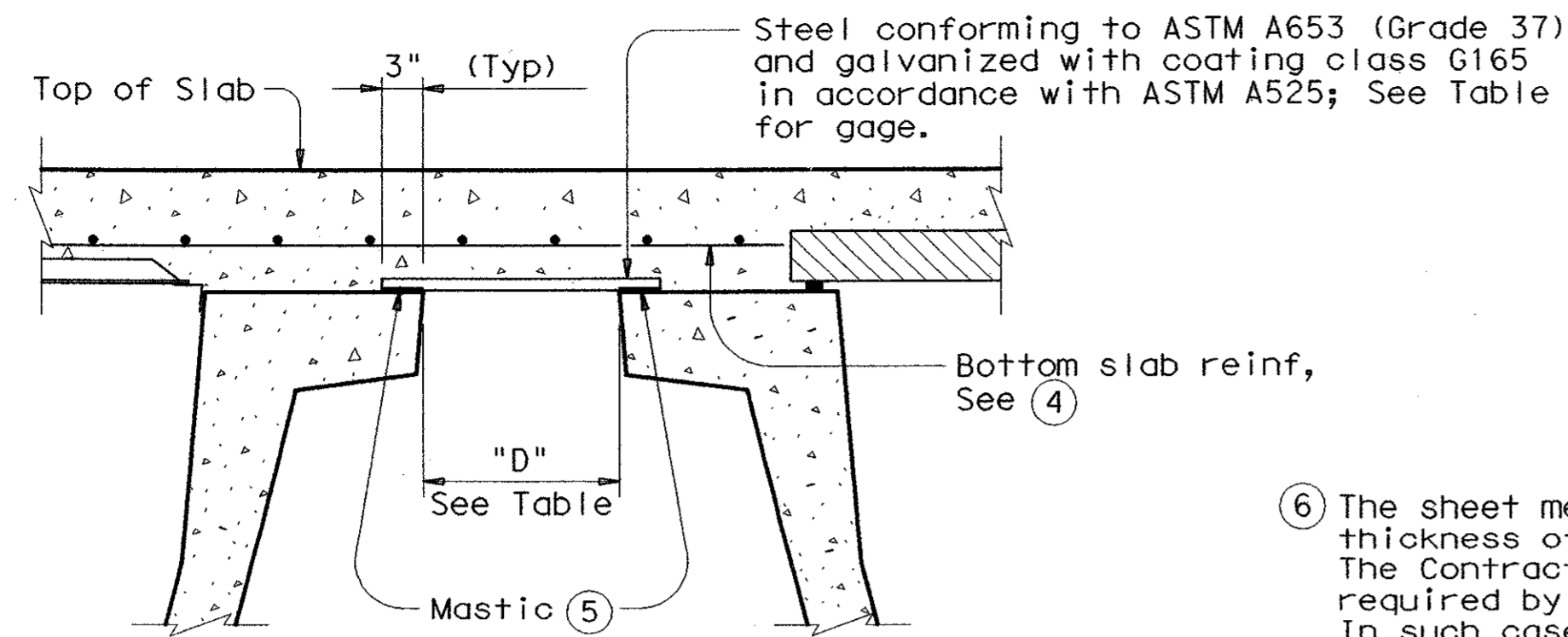


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LEVELS DISPLAYED
 ACC: 1 2 3 4 5 6 7 8 9 10 11 12
 (LV=1, 2 for English)

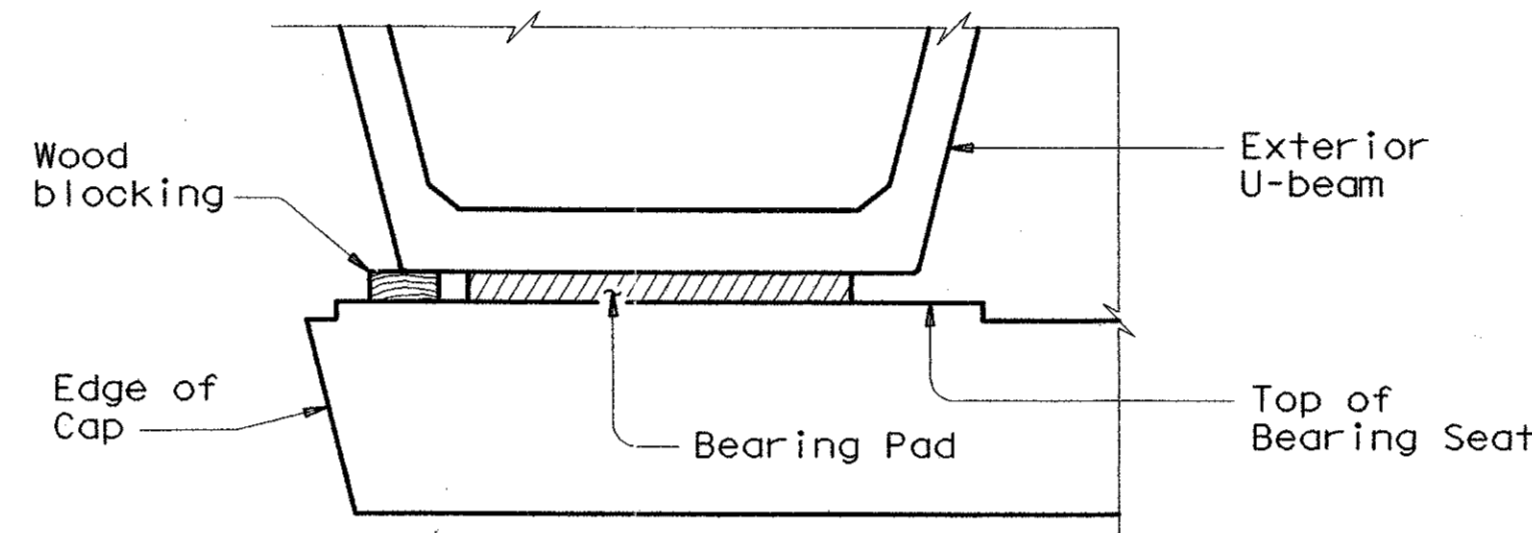


PERMISSIBLE SLAB FORMING DETAIL

- ④ Bottom slab reinforcing for Permissible Slab Forming Detail shall match the size and spacing of the top mat of steel as shown on the span details unless otherwise noted, except bottom reinforcing steel shall be No. 5 bars. Transverse bottom slab reinforcing shall have 1" end clear to edge of panel when used with PCP option.
- ⑤ Mastic applied to the top of the flange of the precast concrete U-Beam shall conform to Type 5 Waterproofing (coal tar modified urethane coating) or Class 5 Joint Sealing material (low modulus silicone sealant) or other comparable material as approved by the Engineer. The mastic shall be a maximum width of 3 1/2" and shall be applied to a thickness of 30 mils using a roller, squeegee or brush. The galvanized steel shall be aligned and pressed firmly into place while the mastic is still tacky. Ambient temperature at time of application of the mastic shall not be less than 40 degrees Fahrenheit.

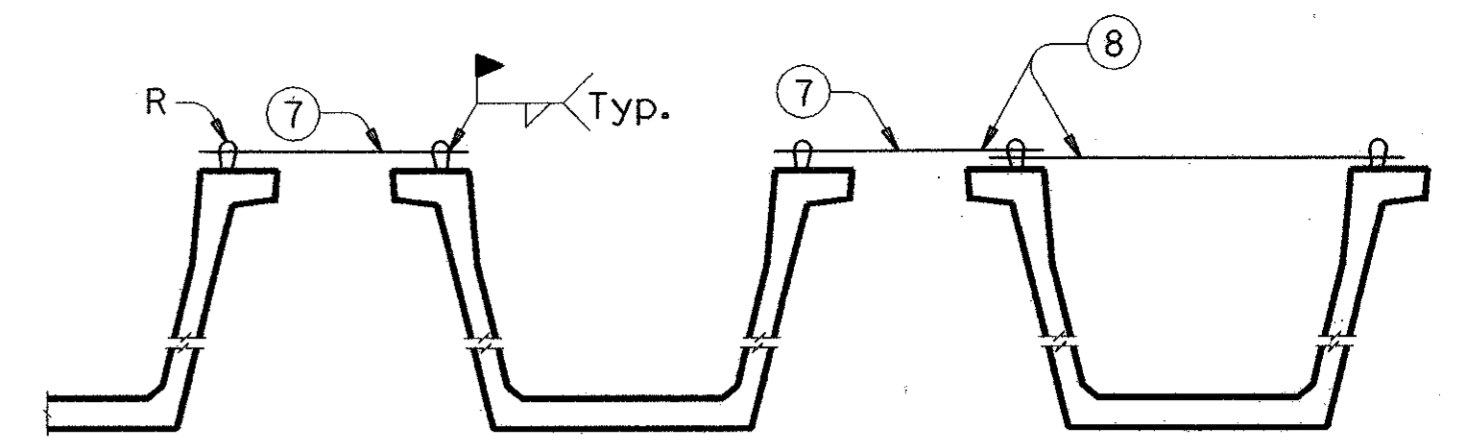
MAX SPAN "D"	⑥ GAGE REQ'D
15" thru 18"	6
12" to 15"	8
10" to 12"	10
7" to 10"	12
6" to 7"	14
4" to 6"	15
under 4"	19

⑥ The sheet metal gages shown were determined assuming a slab thickness of 12 1/2" and a dead load deflection limit of D/180. The Contractor has the option of specifying the sheet metal gage required by actual field conditions in lieu of using this table. In such cases, the Contractor shall determine the sheet metal gage required using the Permanent Metal Deck Forms (PMDF) design criteria shown in the General Notes of the PMDF (U) Standard Sheet and shall submit the appropriate shop detail drawing(s) to the Engineer for approval. Support angles need not be provided unless required to prevent uplift and/or horizontal movement of sheet metal forms.



MINIMUM BLOCKING OF EXTERIOR U-BEAM

Note: Required minimum blocking of exterior U-beam shall be in place before pouring slab concrete. Blocking shall be left in place for at least 4 days after slab is cast and afterwards removed at the Contractor's convenience.



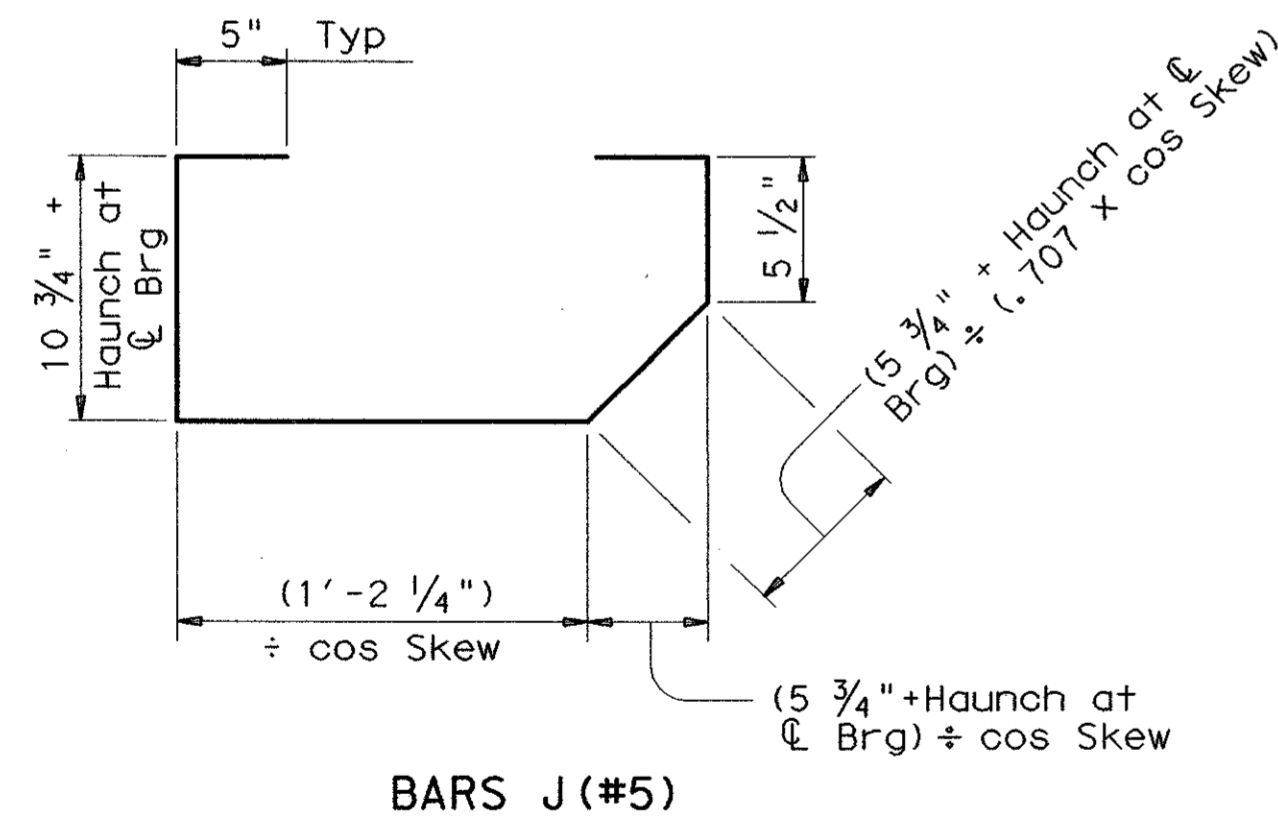
MINIMUM BEAM BRACING

Systems equal to or better than those shown may be used provided details of such systems are submitted to and approved by the Engineer prior to erection.

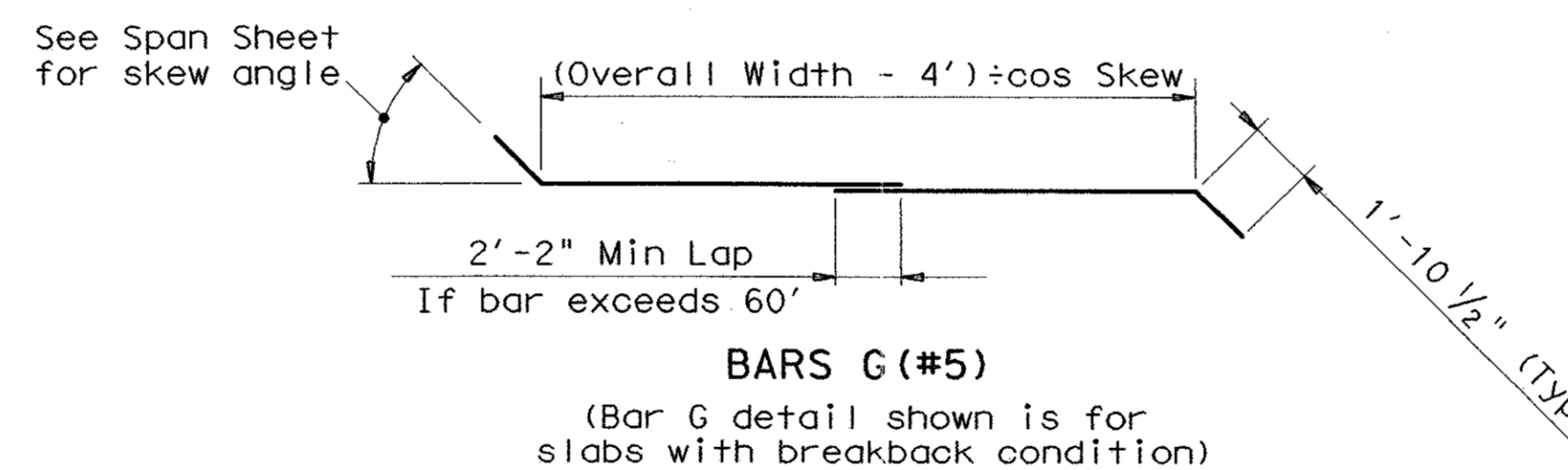
Use of these systems and/or details does not relieve the Contractor of the responsibility for the adequacy of the bracing and the safety of the structure.

The reinforcement for minimum beam bracing shall not be required when permanent metal deck forms are used.

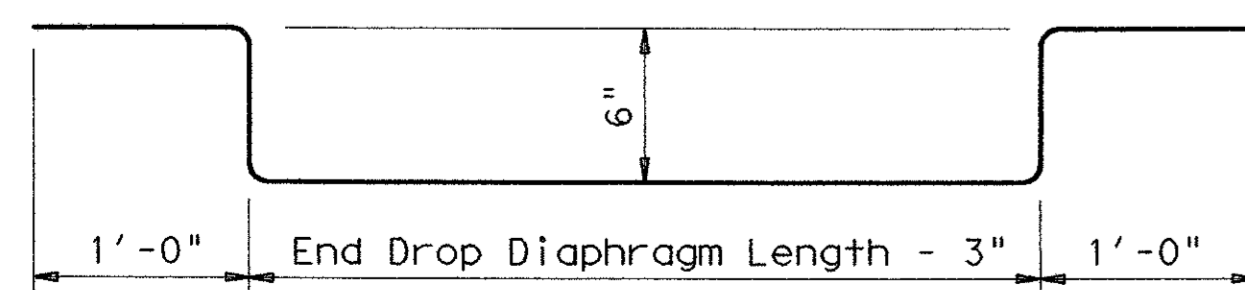
- ⑦ Two No.5 bars at each end of each beam shall be welded to bars R between all U-Beams immediately after erection. This reinforcement shall be in addition to that shown for the thickened slab end. This must be in place prior to placing any precast deck panels.
- ⑧ Weld No.5 bars at 15' max spacing along exterior beam and exterior bay after precast deck panels have been placed and prior to placing overhang formwork. This reinforcement shall be in addition to that shown for the concrete slab.



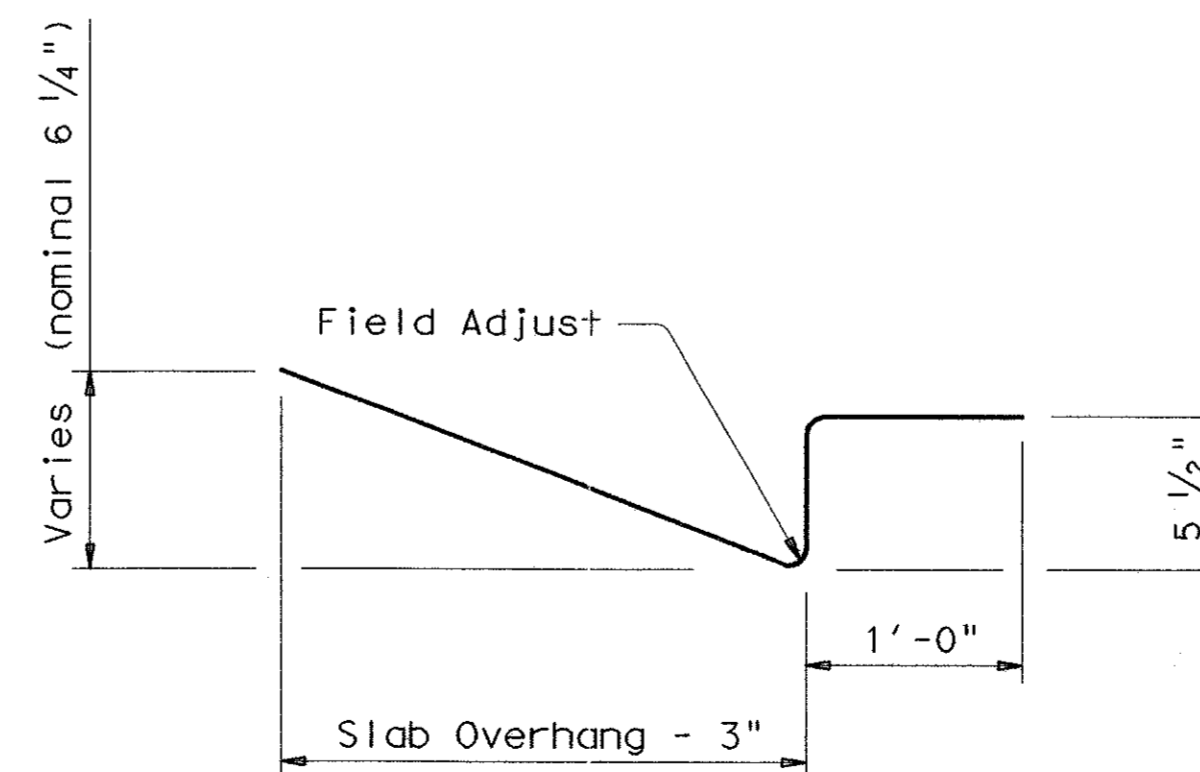
BARS J (#5)



BARS G (#5)
 (Bar G detail shown is for slabs with breakback condition)

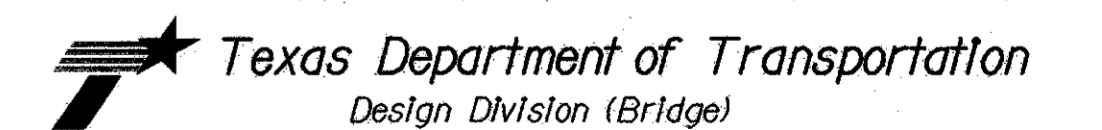


BARS H (#6)



BARS Z1 (#4)

Bars Z1 shall be field adjusted to match actual slope of slab overhangs. Width of slab overhang will vary along span with curved slab edges. Adjust Bar Z1 dimensions to maintain proper cover.



MISCELLANEOUS SLAB DETAILS (FOR PRESTR CONC U-BEAMS)

UBMS

FILE: ubstd003.dgn	DN: TxDOT	CK: TGA	DW: BWH	CK: TGA	STD: B541
© TxDOT March 1998	DIST	FED REG	FEDERAL AID PROJECT		SHEET
REVISIONS	6	COUNTY		CONTROL SECT	JOB HIGHWAY
					BS-8