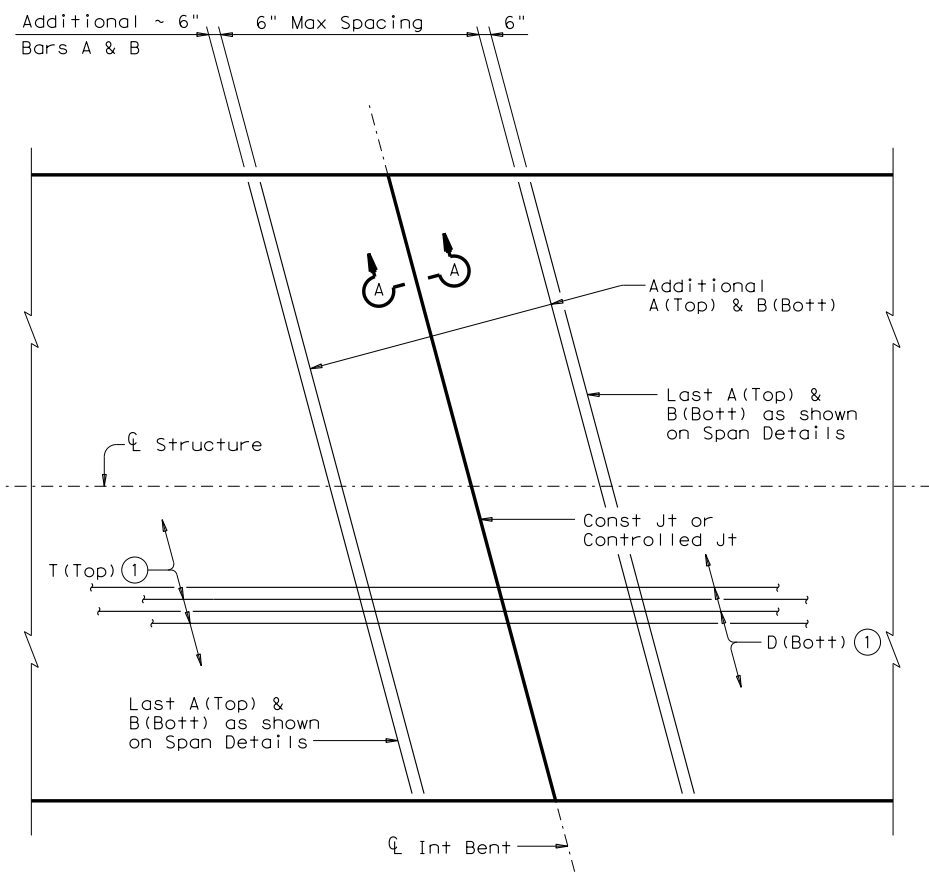
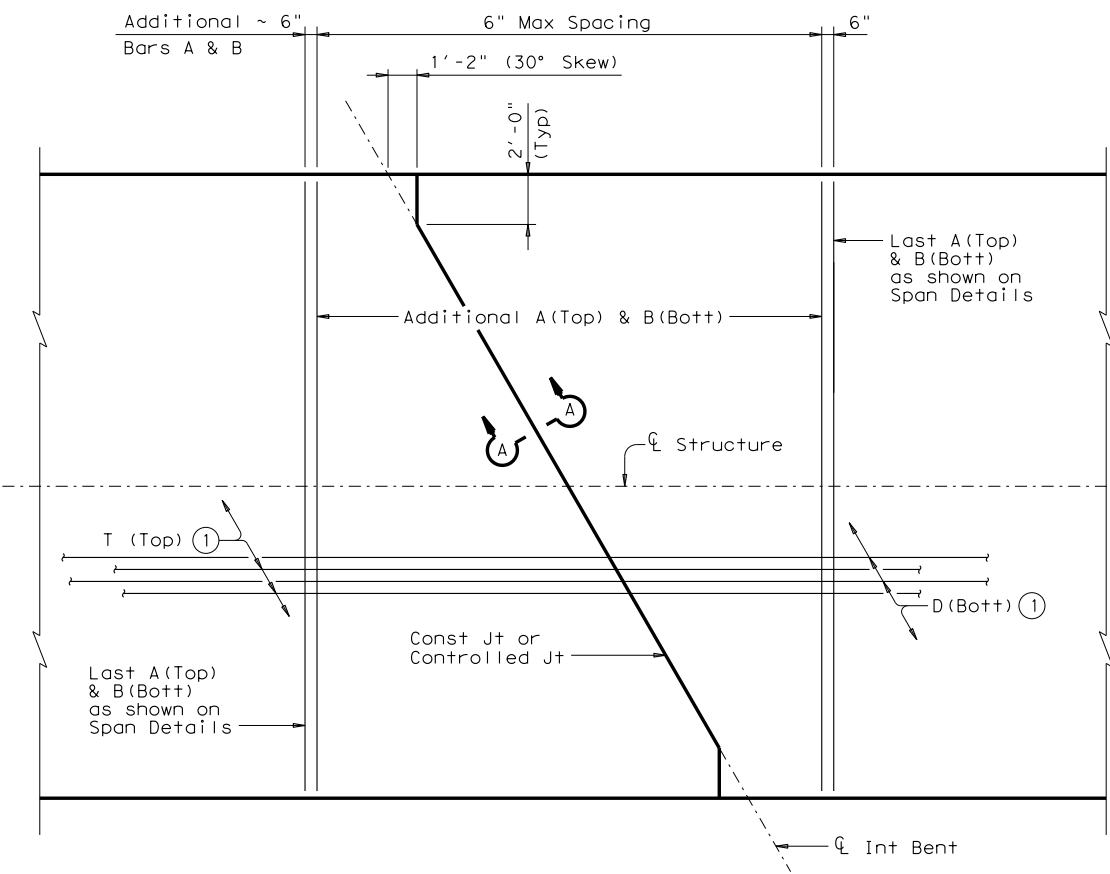


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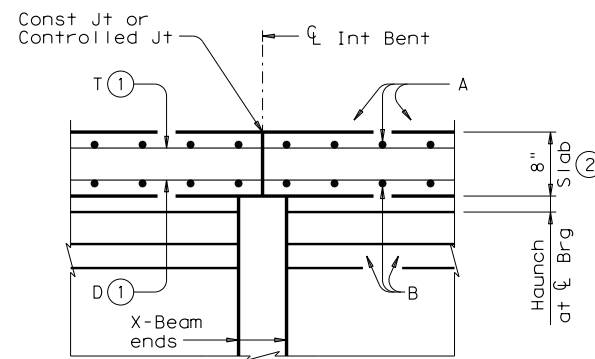
DATE: FILE:



PLAN FOR SKEW ANGLES 0° TO 15°
(Showing 15° skew)



PLAN FOR SKEW ANGLES OVER 15° TO 30°
(Showing 30° skew)



SECTION A-A

- ① Top and bottom mats must be continuous through joint.
- ② Maintain a constant 8" thick slab over the bent.

TABLE OF ALLOWABLE UNIT LENGTH	
Max Rdwy Grade, Percent	Unit Length Factor
0.00	4.6
1.00	4.4
2.00	4.2
3.00	4.0
4.00	3.7
5.00	3.5

BAR TABLE	
BAR	SIZE
A	#5
B	#5
D	#5
T	#4

Unit length must not exceed the length of the shortest end span times the Unit Length Factor shown in table or 400', whichever is less.

The details shown on this sheet are applicable for two and three span units comprised of the same x-beam type. Units may be comprised of different span lengths. See "Table of Allowable Unit Length".

GENERAL NOTES:

- Designed according to AASHTO LRFD Specifications.
- This standard is drawn showing right forward skew. See Bridge Layout for actual skew direction.
- Where multi-span units are indicated on the Bridge Layout, the Thickened Slab End details and reinforcement shown on Standard XBTS (Bars AA, G, H, J, K, and M) and on the Span Details will be omitted where slabs are continuous over interior bents. At these locations, the slab details and reinforcement will be as shown on this sheet or on Standard PCP (if using this option).
- Thickened Slab End reinforcement and details still apply at expansion joint locations (ends of units).
- See Span Details for remainder of slab reinforcement and details.
- All reinforcing must be Grade 60.
- Concrete strength $f'c = 4,000$ psi.
- Bar laps, where required, will be as follows:
 - Uncoated ~ #4 = 1'-5"
 - ~ #5 = 1'-9"
 - Epoxy Coated ~ #4 = 2'-1"
 - ~ #5 = 2'-7"

The details shown on this sheet are applicable for use only with the Prestressed Concrete X-Beam Standard Designs shown on standards XBSD-32, XBSD-38, XBSD-40 and XBSD-44.

HL93 LOADING

Texas Department of Transportation **Bridge Division Standard**

CONTINUOUS SLAB DETAILS
PRESTR CONC X-BEAM SPANS

XBCS

FILE: xbstde06.dgn	DN: JMH	CK: AM	DW: JTR	CK: JMH
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REVISIONS				
DIST	COUNTY			SHEET NO.