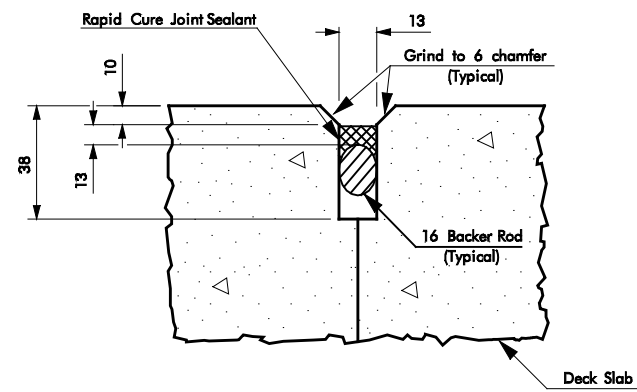
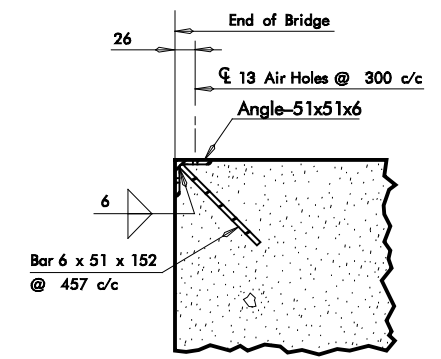


DETAIL "B"

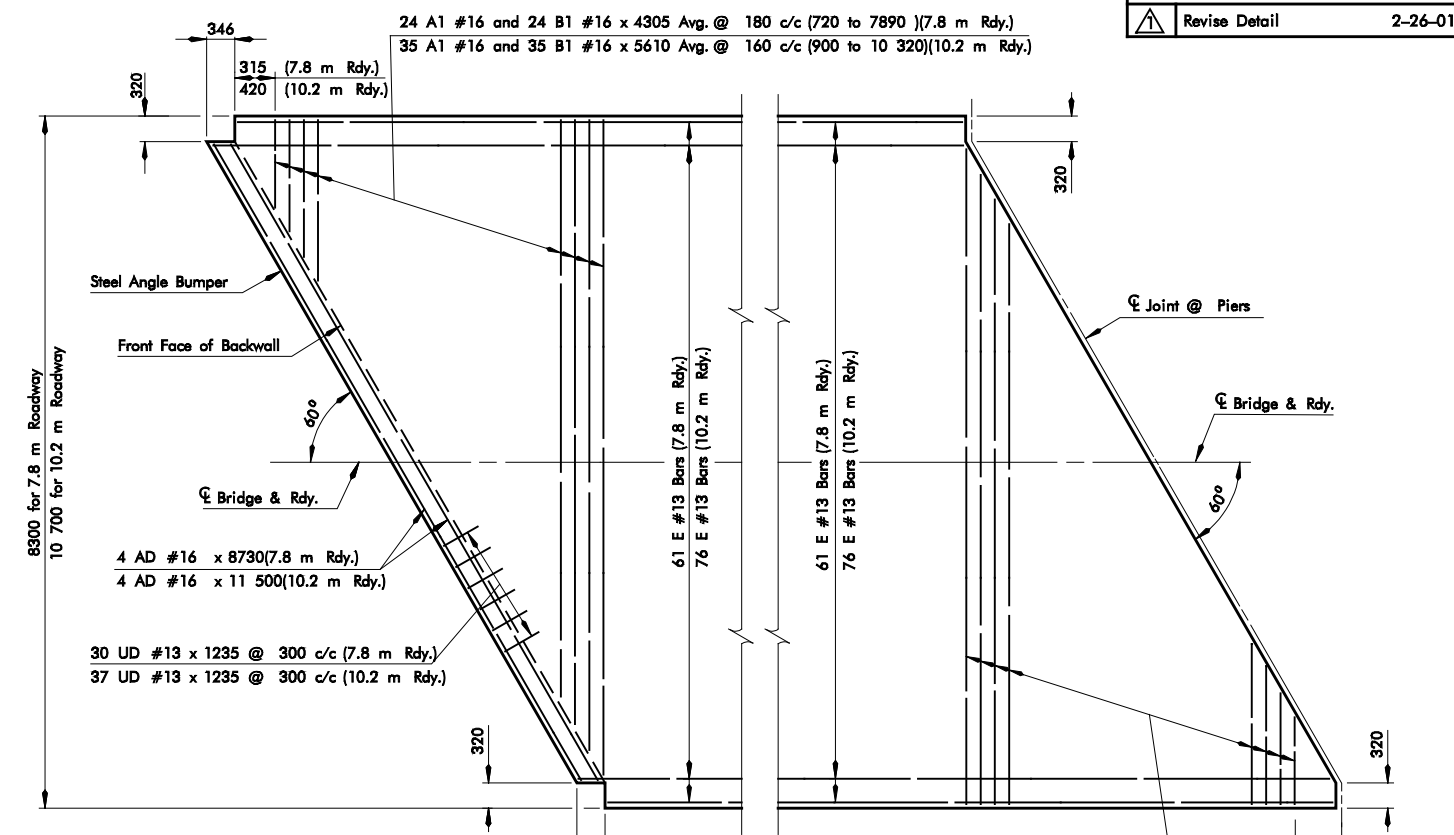


DETAIL "C"

± 6 mm Exp. Material included in 300 mm dimension.
 †† The 51 x 51 x 6 Steel Angle Bumper Shall extend across the entire Roadway width of the Bridge. Material included in Structural Steel Quantities. (See Steel Angle Bumper Detail).



STEEL ANGLE BUMPER DETAIL



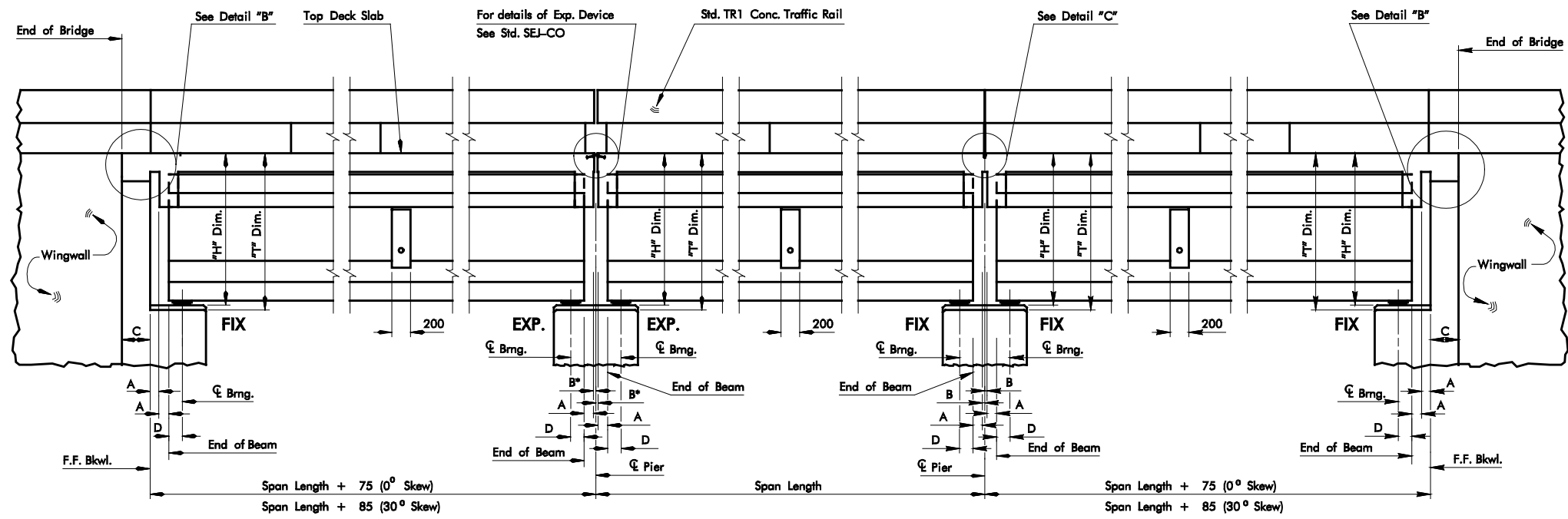
NOTES: Field cut "E" Bars under each traffic rail as necessary for clearance at abutments Provide 457 mm lap for all reinforcing bars over 18.30 m in length.

24 A1 #16 and 24 B1 #16 x 4305 Avg. @ 180 c/c (720 to 7890) (7.8 m Rdy.)
 35 A1 #16 and 35 B1 #16 x 5610 Avg. @ 160 c/c (900 to 10 320)(10.2 m Rdy.)

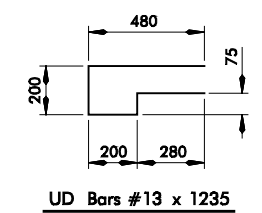
TYPICAL SLAB REINFORCING AT ABUTMENTS (30° SKEW)

TYPICAL SLAB REINFORCING AT PIERS (30° SKEW)

NOTE: 30° Rt. Fwd. Skew shown.
 30° Lt. Fwd. Skew by opposite hand.



LONGITUDINAL SECTION



UD Bars #13 x 1235

SPAN LENGTH	7.8 m ROADWAY		10.2 m ROADWAY	
	"H" DIM. ①	"T" DIM. ②	"H" DIM. ①	"T" DIM. ②
10 m to 16 m	1229	1345	1229	1336
18 m to 24 m	1458	1574	1458	1595
26 m to 32 m	1687	1803	1687	1824

① Dimension measured from Top of Slab to Bottom of Bearing Assembly.
 ② Dimension measured from Finish Grade Line to Top of Pier or Bridge Seat.

DIM.	0° SKEW	30° SKEW
A	100	115
B	25	30
C	300	345
D	140	160

APPROVED BY BRIDGE ENGINEER _____ DATE _____

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
 COUNTY BRIDGE STANDARD (METRIC)**

**LONGITUDINAL SECTION AND PLAN
 FOR P.C. BEAMS**

1999 SPECIFICATIONS

PCB2-1 01M
 ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED. CB-31M