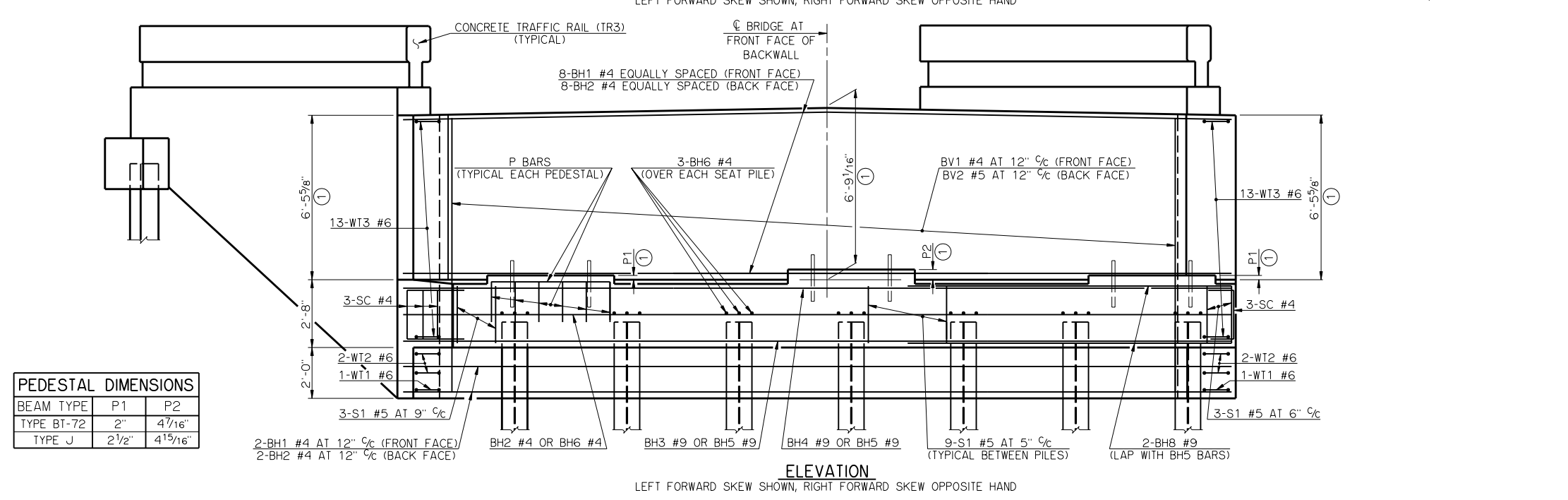
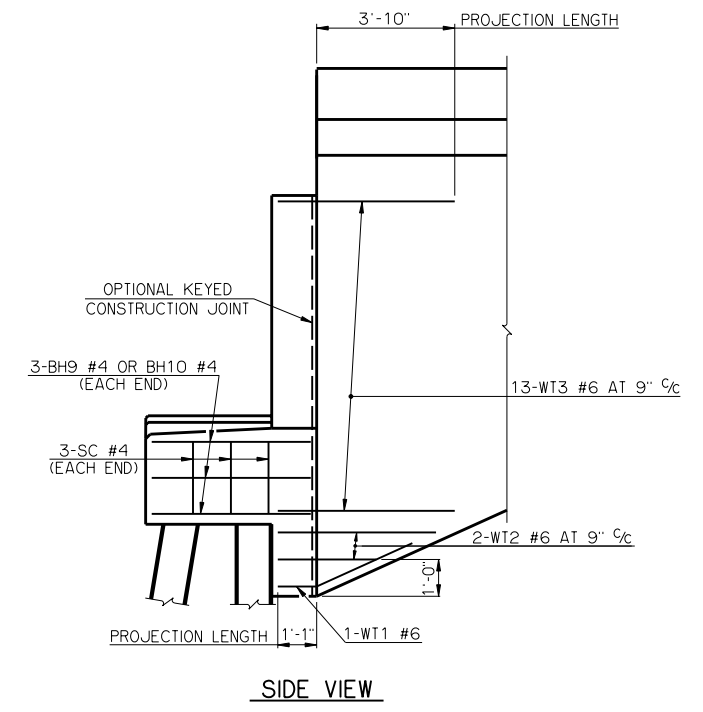


PILE SCHEDULE	
SPAN	MAXIMUM FACTORED PILE LOAD
110'	82.0 TON
115'	84.0 TON
120'	86.0 TON
125'	88.0 TON
130'	89.9 TON
135'	91.9 TON



PEDESTAL DIMENSIONS		
BEAM TYPE	P1	P2
TYPE BT-72	2"	4 7/16"
TYPE J	2 1/2"	4 15/16"

SUMMARY OF QUANTITIES - ONE ABUTMENT (3)			
ITEM	UNIT	TOTAL	
SUBSTRUCTURE EXCAVATION COMMON	CY	75.00	
GRANULAR BACKFILL	CY	69.00	
CLASS A CONCRETE	CY	28.60	
REINFORCING STEEL	LB	4,100.00	
PILES, FURNISHED (HP 12 x 53)	LF	-	
PILES, DRIVEN (HP 12 x 53)	LF	-	
6" PERFORATED PIPE UNDERDRAIN ROUND	LF	31.00	
6" NON-PERF. PIPE UNDERDRAIN RND.	LF	-	

(3) EXCLUDES WINGS

- ① DIMENSIONS ARE FROM TOP OF BRIDGE SEAT AT FRONT FACE OF BACKWALL.
- ② ALL WT WING REINFORCING STEEL TIED TO THE ABUTMENT BRIDGE SEAT, BACKWALL AND CURTAIN WALL REINFORCING STEEL MUST BE IN PLACE PRIOR TO POURING ABUTMENT CONCRETE. FOR ADDITIONAL INFORMATION SEE WING DETAILS.

APPROVED BY BRIDGE ENGINEER *Robert J. Rusch* DATE 10/16/08

OKLAHOMA DEPARTMENT OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS
TYPE BT-72 AND TYPE J P.C. BEAMS
(SHEET NO. 1 OF 2)

26' CLEAR ROADWAY - CONVENTIONAL - SKEWED 30°

1999 STANDARD SPECIFICATIONS CB26-C-SK30-ABUT-PC5-1 OOE CB-201E