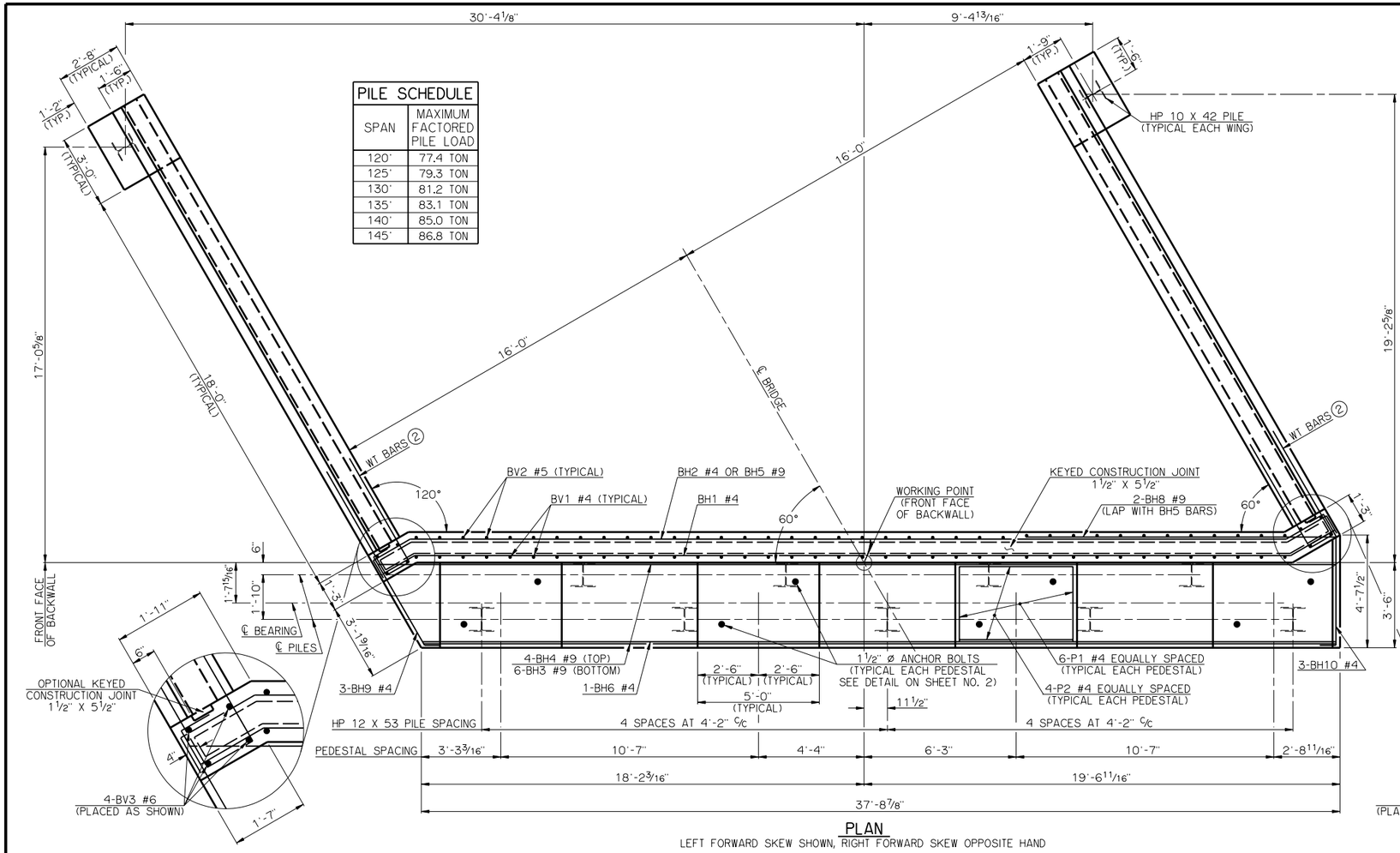
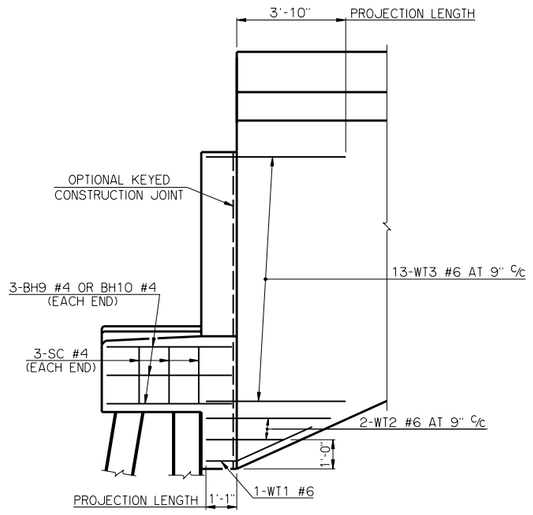
PILE SCHEDULE	
SPAN	MAXIMUM FACTORED PILE LOAD
120'	77.4 TON
125'	79.3 TON
130'	81.2 TON
135'	83.1 TON
140'	85.0 TON
145'	86.8 TON

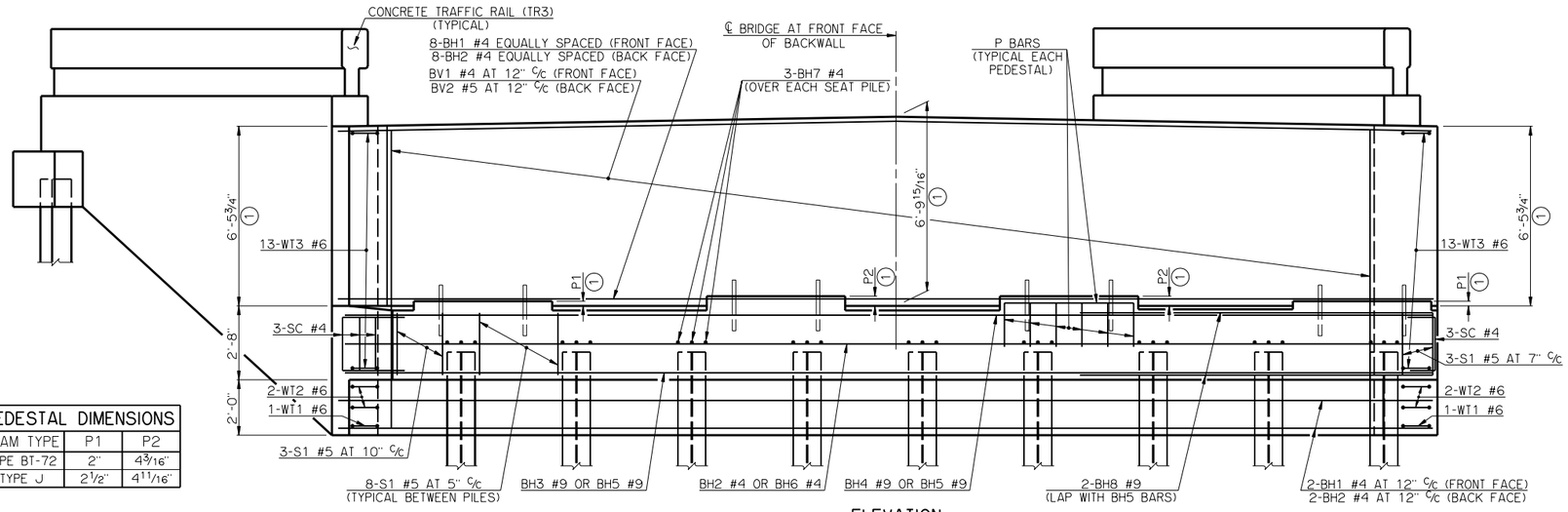


PLAN

LEFT FORWARD SKEW SHOWN, RIGHT FORWARD SKEW OPPOSITE HAND



SIDE VIEW



ELEVATION

LEFT FORWARD SKEW SHOWN, RIGHT FORWARD SKEW OPPOSITE HAND

PEDESTAL DIMENSIONS		
BEAM TYPE	P1	P2
TYPE BT-72	2"	4 3/16"
TYPE J	2 1/2"	4 11/16"

SUMMARY OF QUANTITIES - ONE ABUTMENT ③		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	CY	90.00
GRANULAR BACKFILL	CY	85.00
CLASS A CONCRETE	CY	34.90
REINFORCING STEEL	LB	4,960.00
PILES, FURNISHED (HP 12 x 53)	LF	-
PILES, DRIVEN (HP 12 x 53)	LF	-
6" PERFORATED PIPE UNDERDRAIN ROUND	LF	37.00
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 Derek J. Nash 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)

32' CLEAR ROADWAY - CONVENTIONAL - SKEWED 30°

1999 STANDARD SPECIFICATIONS	CB32-C-SK30-ABUT-PC5-1	OOE
		CB-576E