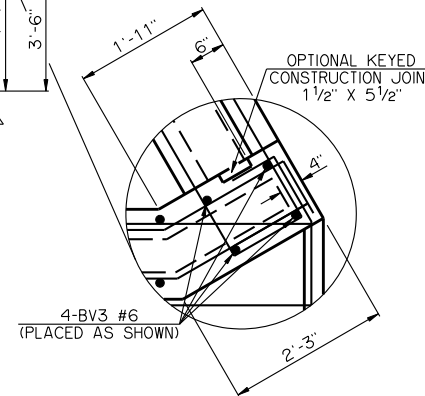
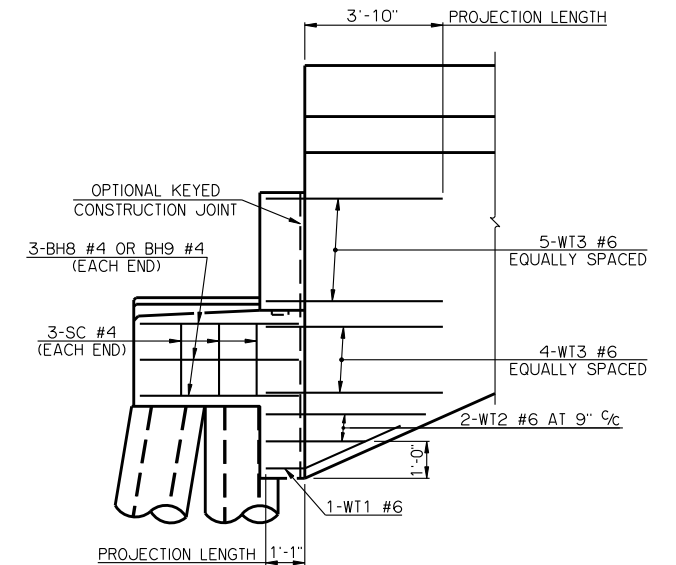
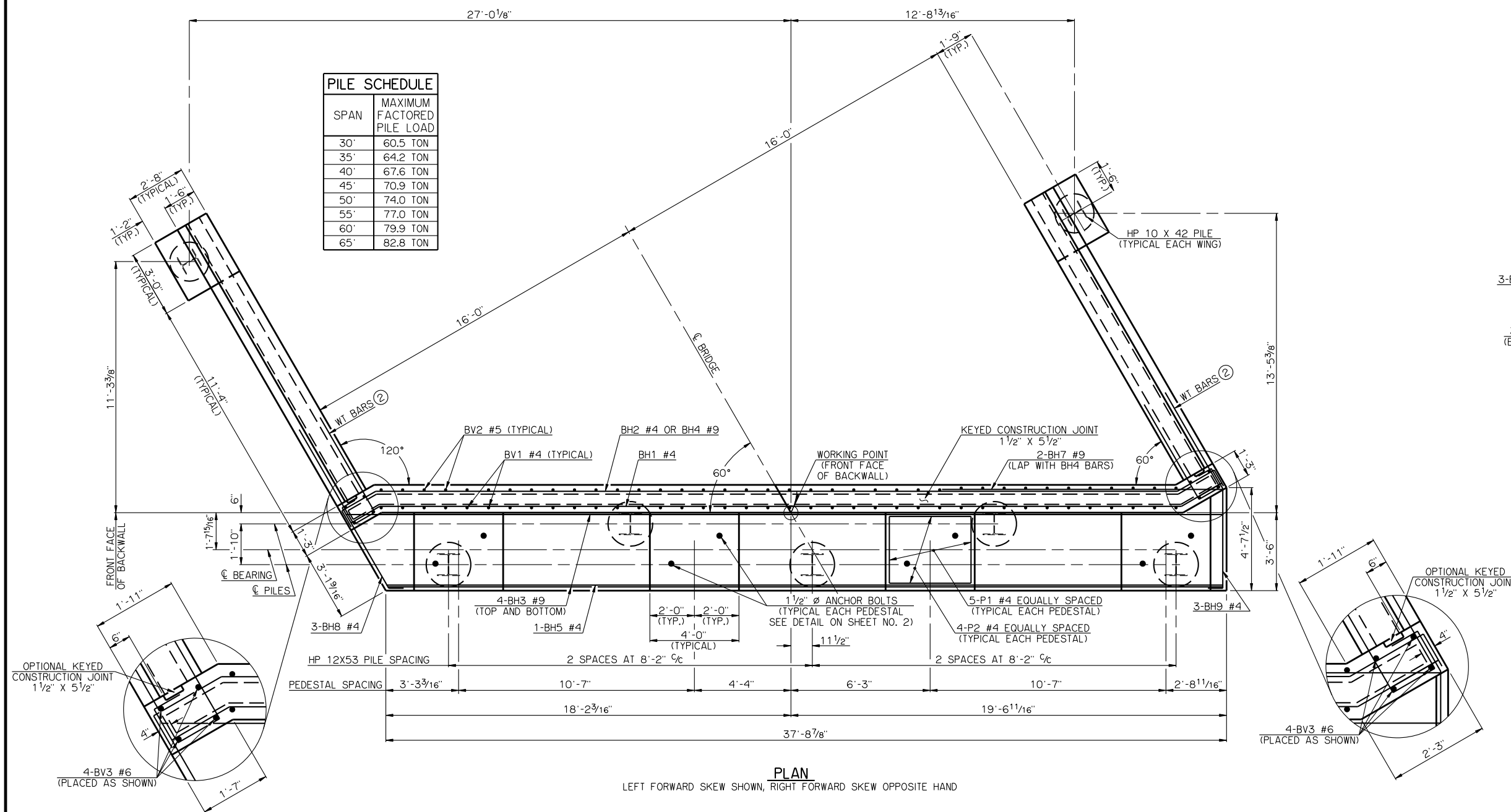


PILE SCHEDULE	
SPAN	MAXIMUM FACTORED PILE LOAD
30'	60.5 TON
35'	64.2 TON
40'	67.6 TON
45'	70.9 TON
50'	74.0 TON
55'	77.0 TON
60'	79.9 TON
65'	82.8 TON

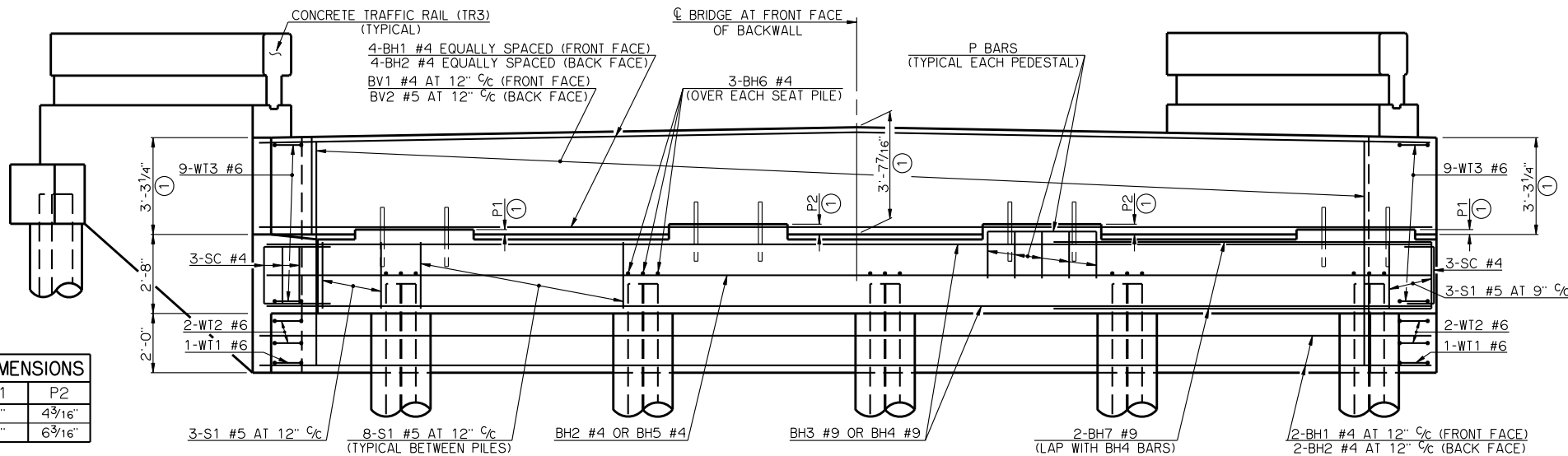


PLAN
LEFT FORWARD SKEW SHOWN, RIGHT FORWARD SKEW OPPOSITE HAND

SUMMARY OF QUANTITIES - ONE ABUTMENT ③		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION, COMMON	CY	80.00
GRANULAR BACKFILL	CY	46.00
CLASS A CONCRETE	CY	29.10
REINFORCING STEEL	LB	3,560.00
PILES, FURNISHED (HP 12X53)	LF	-
PILES, DRIVEN (HP 12X53)	LF	-
6" PERFORATED PIPE UNDERDRAIN	LF	36.00
6" NON-PERFORATED PIPE UNDERDRAIN	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.

PEDESTAL DIMENSIONS		
BEAM TYPE	P1	P2
TYPE II	2"	4 3/16"
TYPE B	4"	6 3/16"



ELEVATION
LEFT FORWARD SKEW SHOWN, RIGHT FORWARD SKEW OPPOSITE HAND

APPROVED BY BRIDGE ENGINEER *Robert J. Duch* DATE 9-9-2011

OKLAHOMA DEPARTMENT OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS
TYPE II AND TYPE B P.C. BEAMS
(SHEET NO. 1 OF 2)

32' CLEAR ROADWAY - CONVENTIONAL - SKEWED 30°

2009 SPECIFICATIONS CB32-C-SK30-ABUT-PC2-1 01E
CB-570E