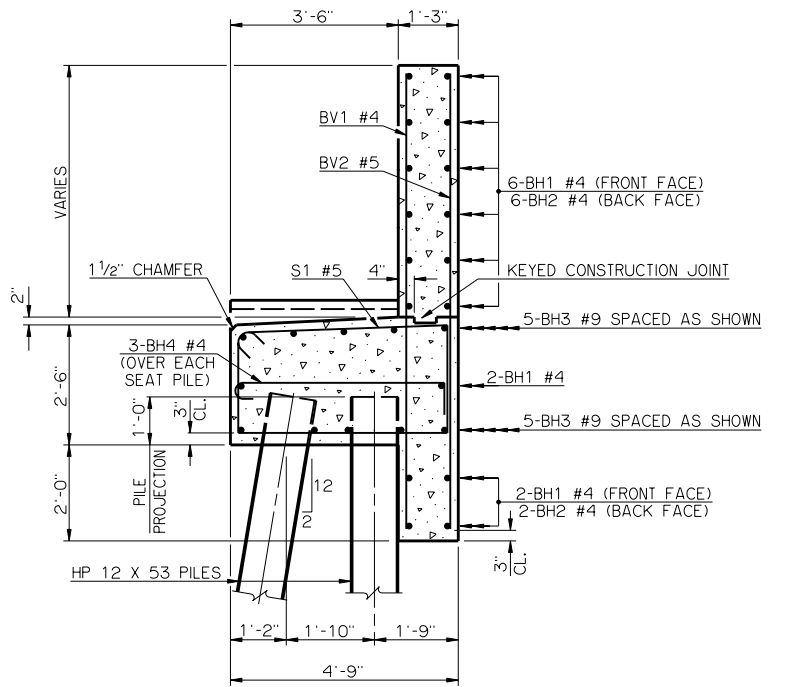
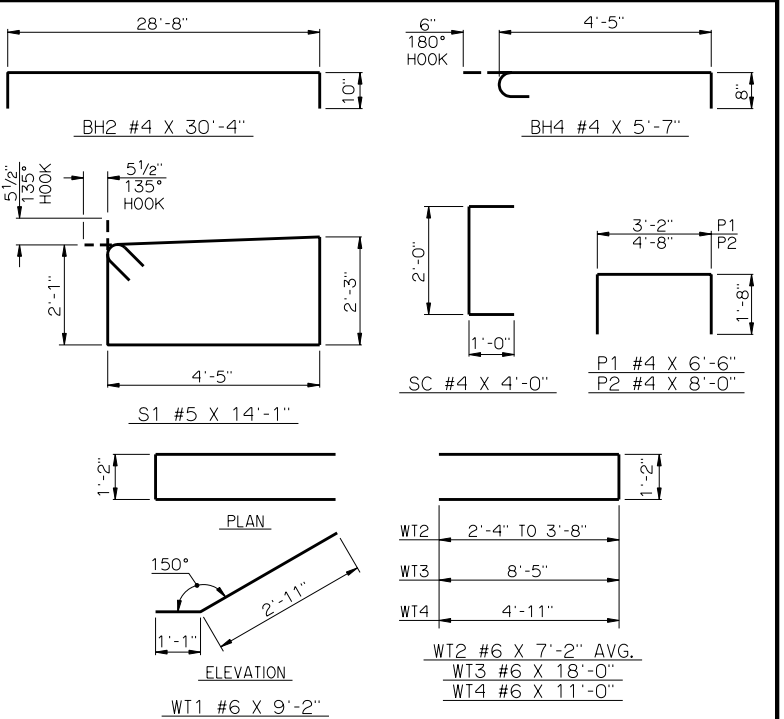


PLAN



TYPICAL SECTION THRU ABUTMENT



DETAILS OF BENT REINFORCING STEEL

BAR LIST - ONE ABUTMENT

MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION
BH1	10	#4	STR.	28'-8"	-
BH2	8	#4	BNT.	30'-4"	-
BH3	10	#9	STR.	28'-8"	-
BH4	21	#4	BNT.	5'-7"	-
BV1	30	#4	STR.	9'-3" AVG.	9'-1" TO 9'-5"
BV2	30	#5	STR.	9'-3" AVG.	9'-1" TO 9'-5"
P1	18	#4	BNT.	6'-6"	-
P2	12	#4	BNT.	8'-0"	-
S1	30	#5	BNT.	14'-1"	-
SC	6	#4	BNT.	4'-0"	-
WT1	2	#6	BNT.	9'-2"	-
WT2	4	#6	BNT.	7'-2" AVG.	5'-10" TO 8'-6"
WT3	8	#6	BNT.	18'-0"	-
WT4	14	#6	BNT.	11'-0"	-

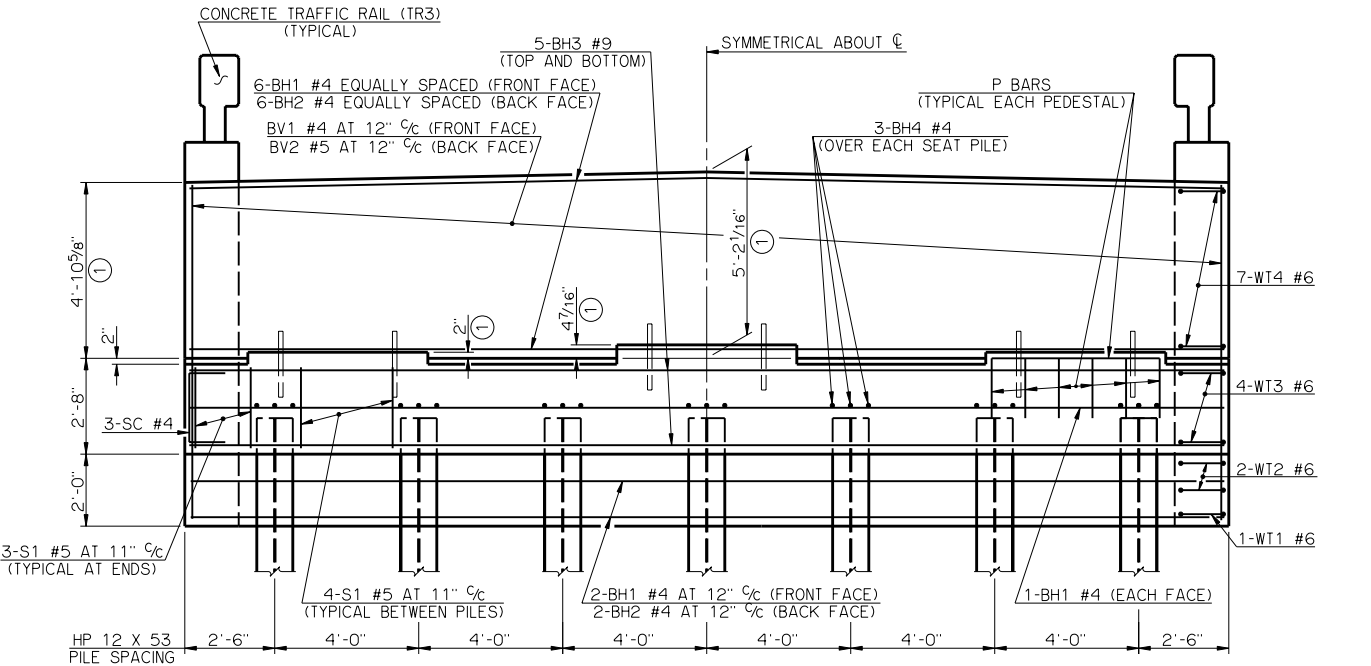
③ NO. INCLUDES TWO SETS OF 15 BARS
④ NO. INCLUDES TWO SETS OF 2 BARS

SUMMARY OF QUANTITIES - ONE ABUTMENT ⑤

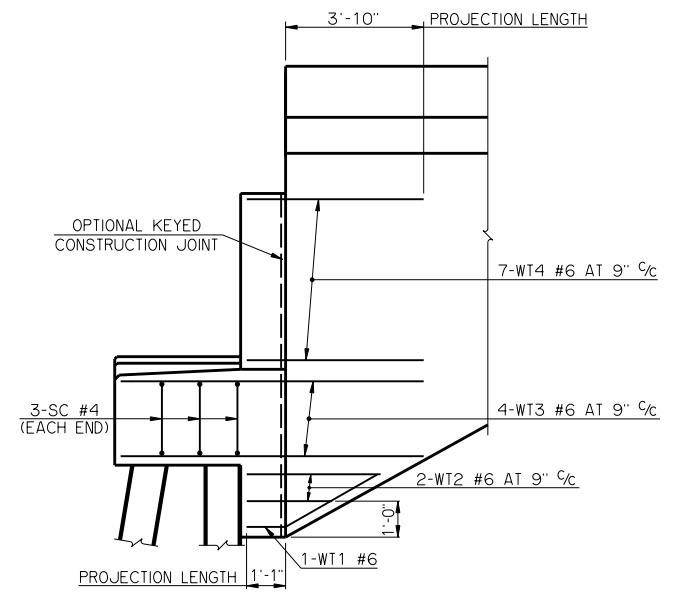
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	CY	65.00
GRANULAR BACKFILL	CY	44.00
CLASS A CONCRETE	CY	23.40
REINFORCING STEEL	LB	3000.00
PILES, FURNISHED (HP 12 x 53)	LF	-
PILES, DRIVEN (HP 12 x 53)	LF	-
6" PERFORATED PIPE UNDERDRAIN ROUND	LF	26.00
6" NON-PERF. PIPE UNDERDRAIN RND.	LF	-

⑤ 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.



ELEVATION



SIDE VIEW

APPROVED BY BRIDGE ENGINEER *Robert J. Nuss* DATE 10/16/08
OKLAHOMA DEPARTMENT OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS
TYPE IV P.C. BEAMS

26' CLEAR ROADWAY - CONVENTIONAL - SKEWED 0°

1999 STANDARD SPECIFICATIONS CB26-C-SKO-ABUT-PC4 OOE
CB-152E