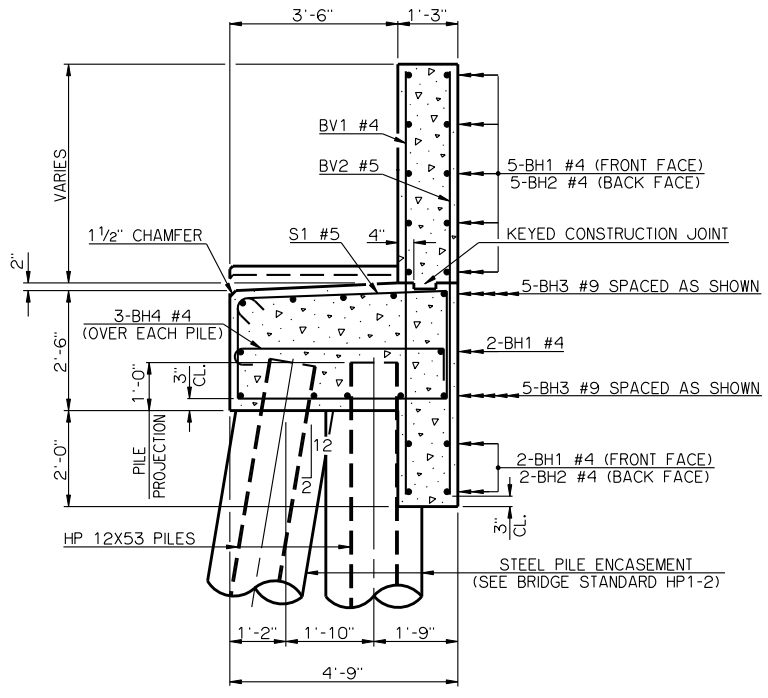
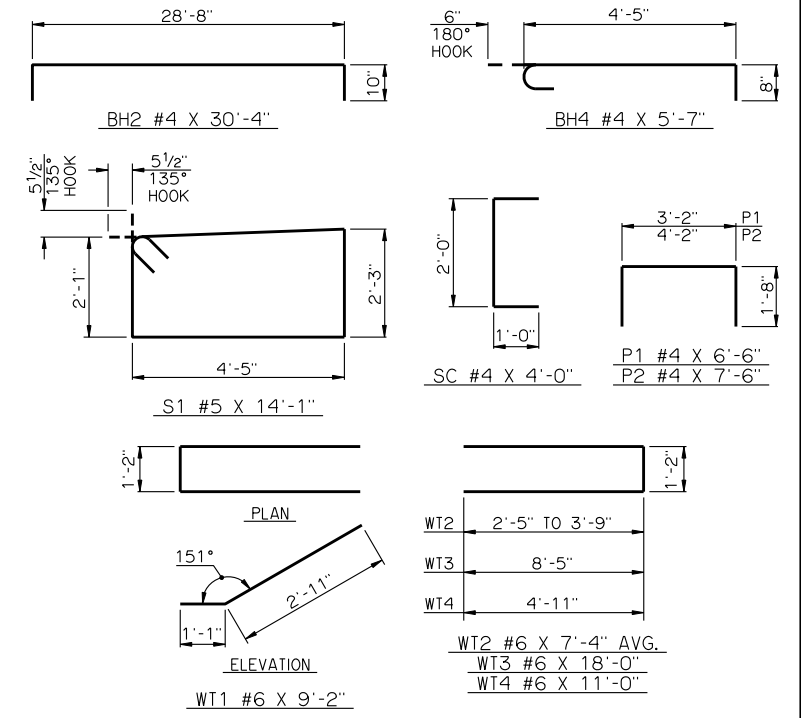


PLAN

PEDESTAL DIMENSIONS		
BEAM TYPE	P1	P2
TYPE III	2"	4 1/16"
TYPE C	7"	9 7/16"



TYPICAL SECTION THRU ABUTMENT



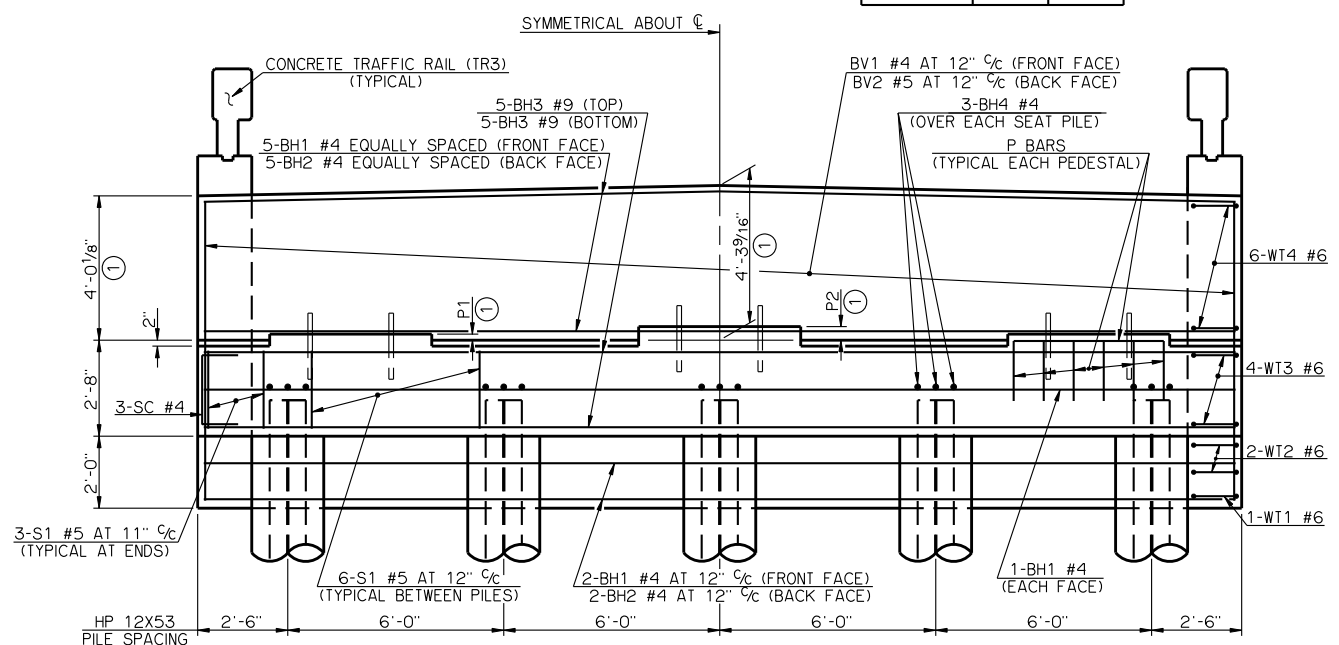
DETAILS OF BENT REINFORCING STEEL

BAR LIST - ONE ABUTMENT					
MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION
BH1	9	#4	STR.	28'-8"	-
BH2	7	#4	BNT.	30'-4"	-
BH3	10	#9	STR.	28'-8"	-
BH4	15	#4	BNT.	5'-7"	-
BV1	30	#4	STR.	8'-5" AVG.	8'-3" TO 8'-7"
BV2	30	#5	STR.	8'-5" AVG.	8'-3" TO 8'-7"
P1	18	#4	BNT.	6'-6"	-
P2	12	#4	BNT.	7'-6"	-
S1	30	#5	BNT.	14'-1"	-
SC	6	#4	BNT.	4'-0"	-
WT1	2	#6	BNT.	9'-2"	-
WT2	4	#6	BNT.	7'-4" AVG.	6'-0" TO 8'-8"
WT3	8	#6	BNT.	18'-0"	-
WT4	12	#6	BNT.	11'-0"	-

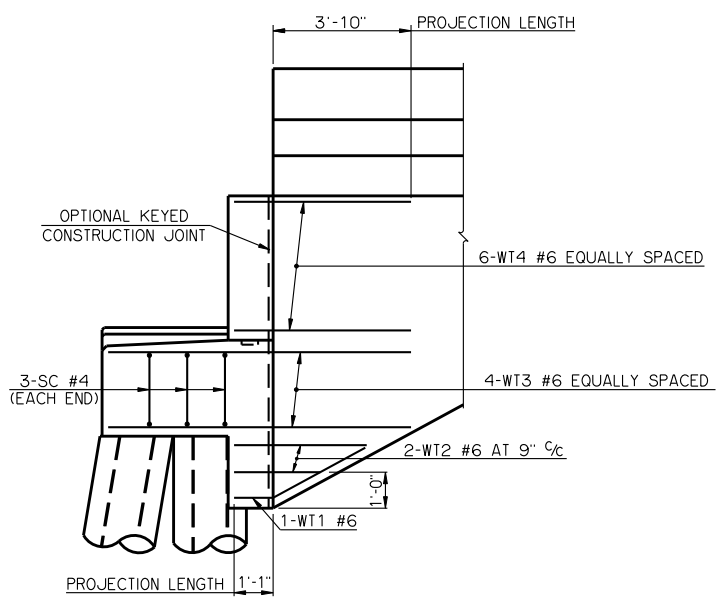
- ③ NO. INCLUDES TWO SETS OF 15 BARS
- ④ NO. INCLUDES TWO SETS OF 2 BARS

SUMMARY OF QUANTITIES - ONE ABUTMENT ⑤		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION, COMMON	CY	60.00
GRANULAR BACKFILL	CY	38.00
CLASS A CONCRETE	CY	22.90
REINFORCING STEEL	LB	2,860.00
PILES, FURNISHED (HP 12X53)	LF	-
PILES, DRIVEN (HP 12X53)	LF	-
6" PERFORATED PIPE UNDERDRAIN	LF	26.00
6" NON-PERFORATED PIPE UNDERDRAIN	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. Dush* DATE 10-31-2011
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 COUNTY BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
 TYPE III AND TYPE C P.C. BEAMS
 26' CLEAR ROADWAY - CONVENTIONAL - SKEWED 0°
 2009 SPECIFICATIONS CB26-C-SKO-ABUT-PC3 02E
 CB-151E