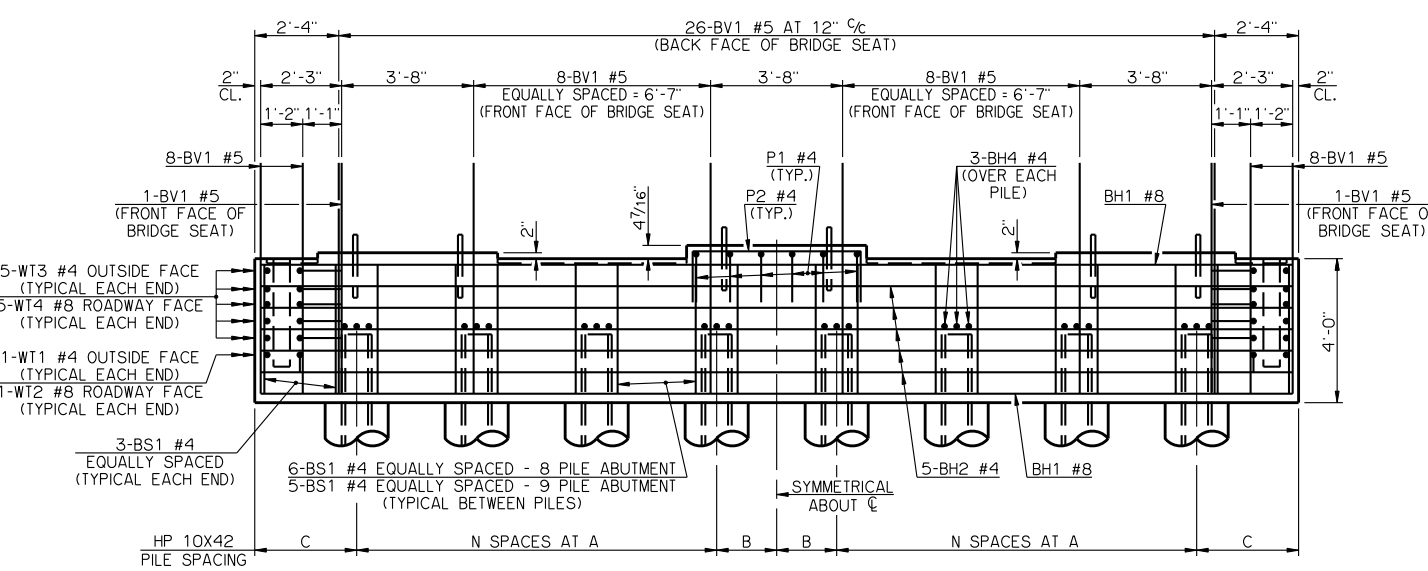
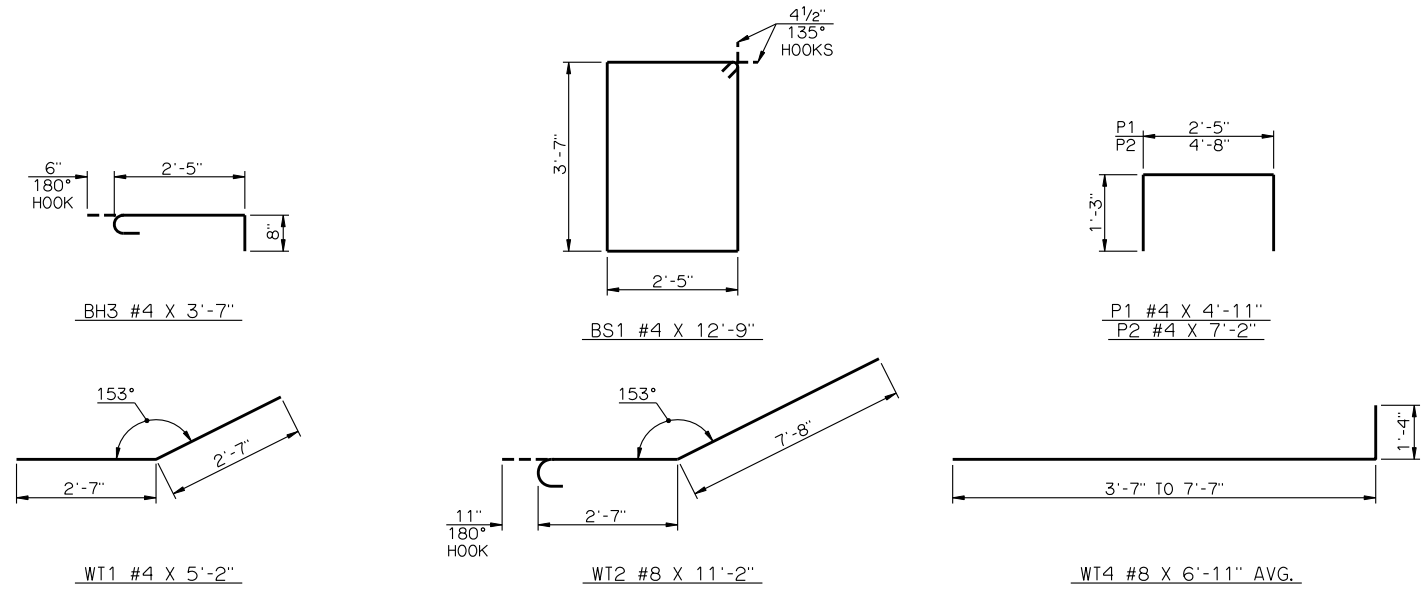


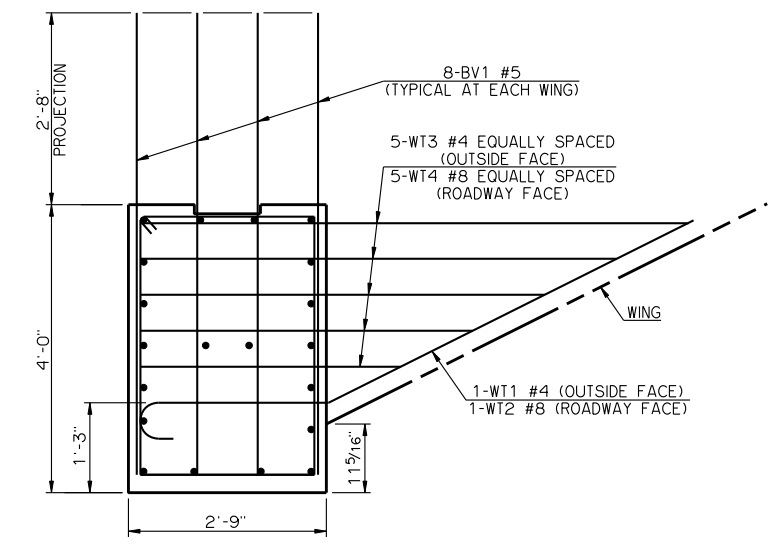
PLAN



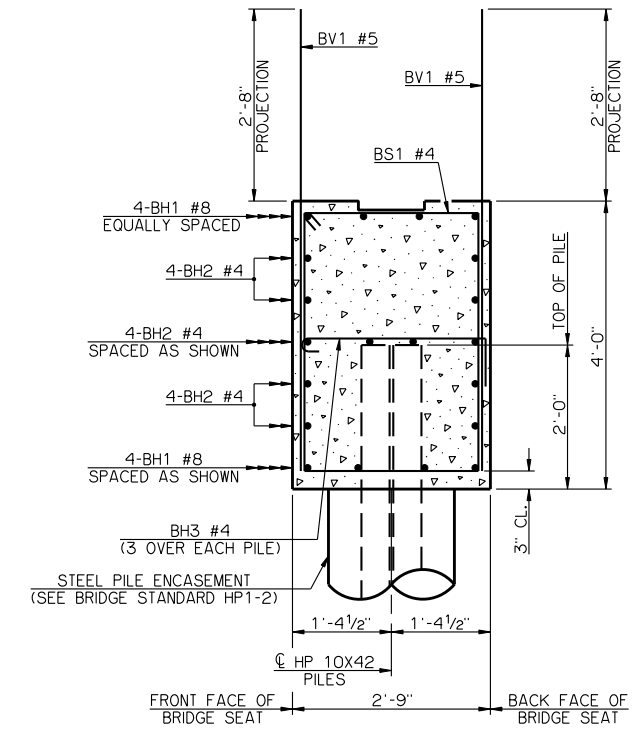
ELEVATION



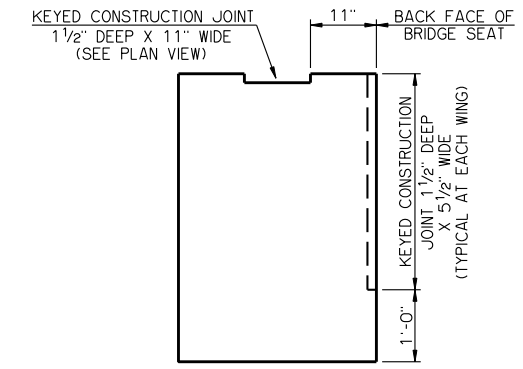
DETAILS OF BENT REINFORCING STEEL



VIEW A-A



TYPICAL SECTION THRU BRIDGE SEAT



DETAIL OF CONSTRUCTION JOINTS

PILE SCHEDULE						
SPAN	TOTAL NUMBER OF PILES	N SPACES	A	B	C	MAXIMUM FACTORED PILE LOAD
110'	8	3	3'-4"	1'-8"	2'-10"	71.9 TON
115'	8	3	3'-4"	1'-8"	2'-10"	73.7 TON
120'	8	3	3'-4"	1'-8"	2'-10"	75.4 TON
125'	9	4	3'-0"	0'-0"	2'-6"	68.6 TON
130'	9	4	3'-0"	0'-0"	2'-6"	70.1 TON
135'	9	4	3'-0"	0'-0"	2'-6"	71.6 TON

BAR LIST - ONE ABUTMENT					
MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION
BH1	8	#8	STR.	28'-8"	-
BH2	12	#4	STR.	28'-8"	-
BV1	60	#5	STR.	6'-5"	-
P1	18	#4	BNT.	4'-11"	-
P2	12	#4	BNT.	7'-2"	-
WT1	2	#4	BNT.	5'-2"	-
WT2	2	#8	BNT.	11'-2"	-
WT3	10	#4	STR.	5'-7" AVG.	3'-7" TO 7'-7"
WT4	10	#8	BNT.	6'-11" AVG.	4'-11" TO 8'-11"
ADDITIONAL BARS TO BE USED WITH 8 PILE ABUTMENTS					
BH3	24	#4	BNT.	3'-7"	-
BS1	48	#4	BNT.	12'-9"	-
ADDITIONAL BARS TO BE USED WITH 9 PILE ABUTMENTS					
BH3	27	#4	BNT.	3'-7"	-
BS1	46	#4	BNT.	12'-9"	-

① NO. INCLUDES TWO SETS OF 5 BARS

SUMMARY OF QUANTITIES - ONE ABUTMENT ②			
ITEM	UNIT	TOTAL	
SUBSTRUCTURE EXCAVATION, COMMON	CY	30.00	
GRANULAR BACKFILL	CY	52.00	
CLASS A CONCRETE	CY	12.10	
REINFORCING STEEL	LB	2,120.00	
PILES, FURNISHED (HP 10X42)	LF	-	
PILES, DRIVEN (HP 10X42)	LF	-	
6" PERFORATED PIPE UNDERDRAIN	LF	26.00	
6" NON-PERFORATED PIPE UNDERDRAIN	LF	-	

② EXCLUDES WINGS

NOTES

ABUTMENT WING CONCRETE SHALL NOT BE POURED UNTIL THE ABUTMENT DIAPHRAGMS OF THE SUPERSTRUCTURE AND THE DECK SLAB CONCRETE HAVE ATTAINED A STRENGTH OF 3,000 PSI.
 ALL WT WING REINFORCING STEEL TIED TO BRIDGE SEAT REINFORCING STEEL MUST BE IN PLACE PRIOR TO POURING THE BRIDGE SEAT CONCRETE.

APPROVED BY BRIDGE ENGINEER *Robert J. Duch* DATE 9-9-2011
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 COUNTY BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
TYPE BT-72 AND TYPE J P.C. BEAMS
26' CLEAR ROADWAY - INTEGRAL - SKEWED 0°
 2009 SPECIFICATIONS CB26-I-SKO-ABUT-PC5 01E
 CB-372E