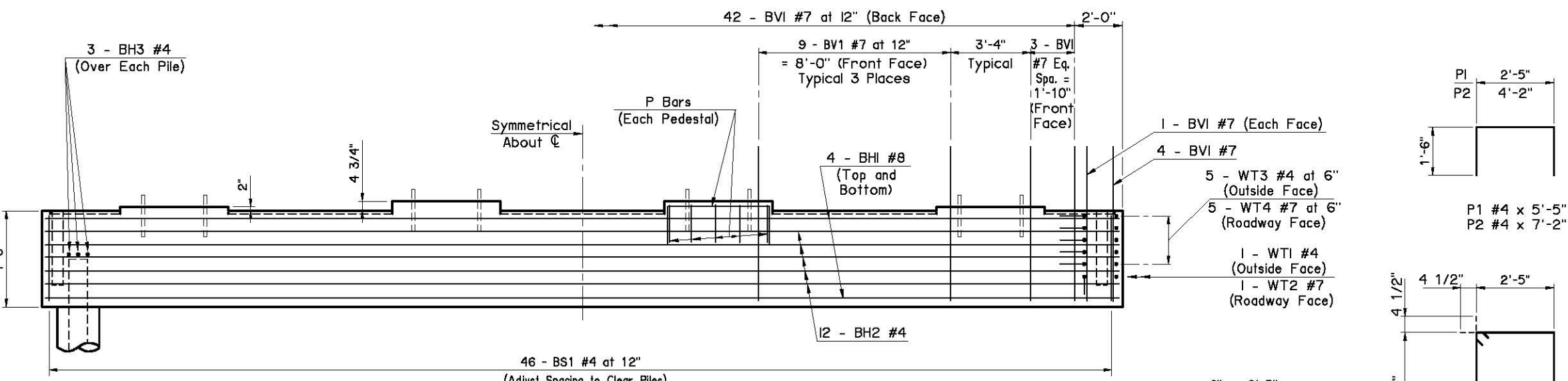
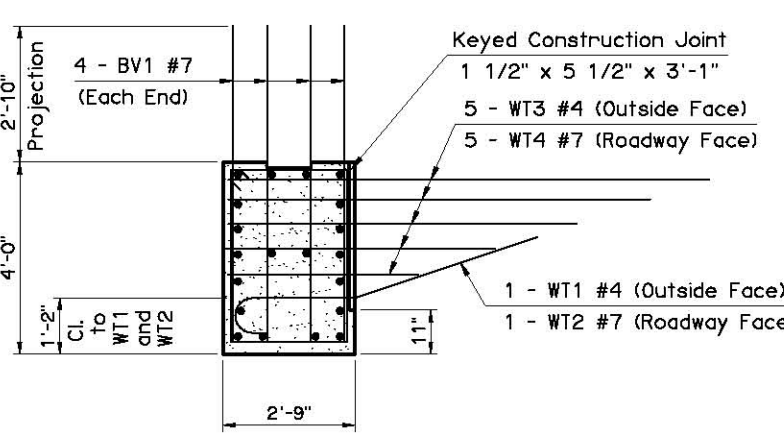


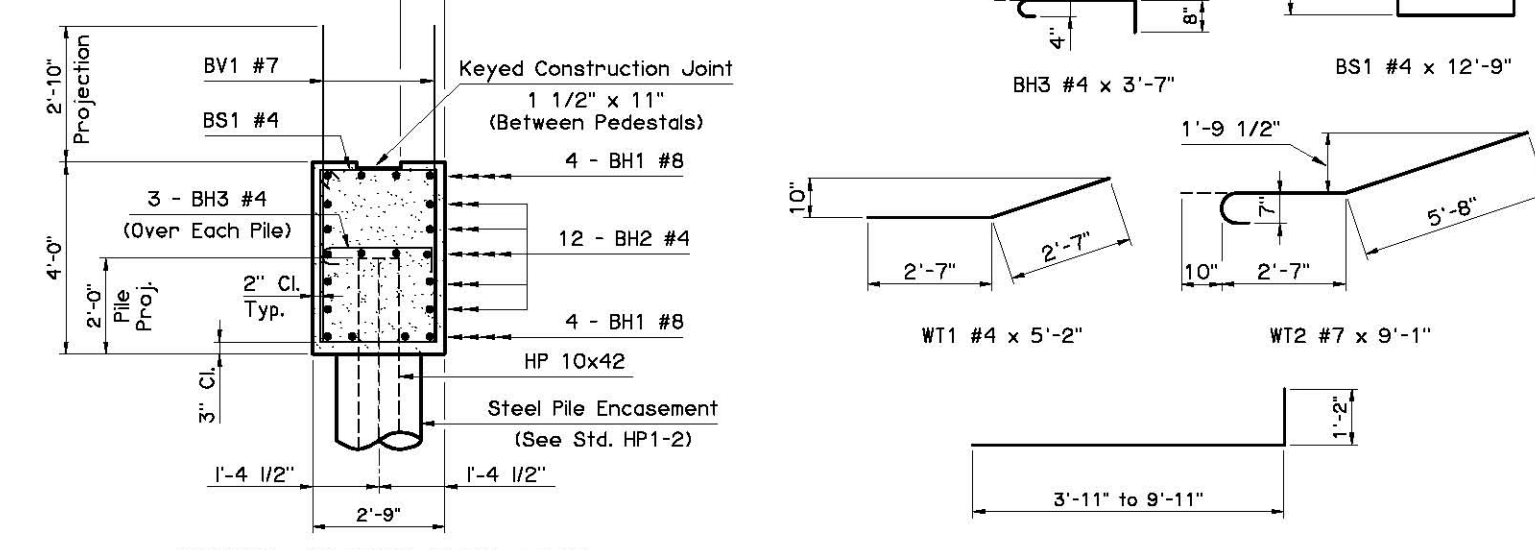
PLAN



ELEVATION



SECTION A-A



TYPICAL SECTION THRU SEAT

PILE SCHEDULE						
SPAN	TOTAL NUMBER OF PILES	N	A	B	C	MAXIMUM FACTORED PILE LOAD
65'	8	3	5'-8"	2'-10"	2'-8"	74.6 TON
70'	8	3	5'-8"	2'-10"	2'-8"	77.3 TON
75'	9	4	5'-0"	0"	2'-6"	71.1 TON
80'	9	4	5'-0"	0"	2'-6"	73.4 TON
85'	9	4	5'-0"	0"	2'-6"	75.7 TON
90'	9	4	5'-0"	0"	2'-6"	78.1 TON
95'	10	4	4'-6"	2'-3"	2'-3"	72.3 TON
100'	10	4	4'-6"	2'-3"	2'-3"	74.4 TON

Place all WT Wing reinforcing tied to Abutment Seat reinforcing before placing Abutment Seat concrete. Do not place Abutment Wing concrete until concrete for the Abutment Diaphragm and Deck Slab have attained a strength of 3000 p.s.i. For additional details, see ABUTMENT DIAPHRAGM DETAILS (SHEET 1 OF 2 AND SHEET 2 OF 2) and ABUTMENT WING DETAILS (SHEET 2 OF 2).

ABUTMENT SEAT BAR LIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
BV1	#7	87	STR.	6'-7"	
BH1	#8	8	STR.	44'-8"	
BH2	#4	12	STR.	44'-8"	
BS1	#4	46	BNT.	12'-9"	
P1	#4	20	BNT.	5'-5"	
P2	#4	16	BNT.	7'-2"	
WT1	#4	2	BNT.	5'-2"	
WT2	#7	2	BNT.	9'-1"	
① WT3	#4	10	STR.	6'-11" AVG.	3'-11" to 9'-11"
① WT4	#7	10	BNT.	8'-1" AVG.	5'-1" to 11'-1"
8 PILE ABUTMENT					
BH3	#4	24	BNT.	3'-7"	
9 PILE ABUTMENT					
BH3	#4	27	BNT.	3'-7"	
10 PILE ABUTMENT					
BH3	#4	30	BNT.	3'-7"	

① 2 Sets of 5

APPROVED BY BRIDGE ENGINEER *Scott J. Smith* DATE *4/2/10*

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
TYPE IV P.C. BEAMS
INTEGRAL (SHEET 1 OF 2)

2009 SPECIFICATIONS | B40-I-ABUT-PC4-1 | 01E
B-44E