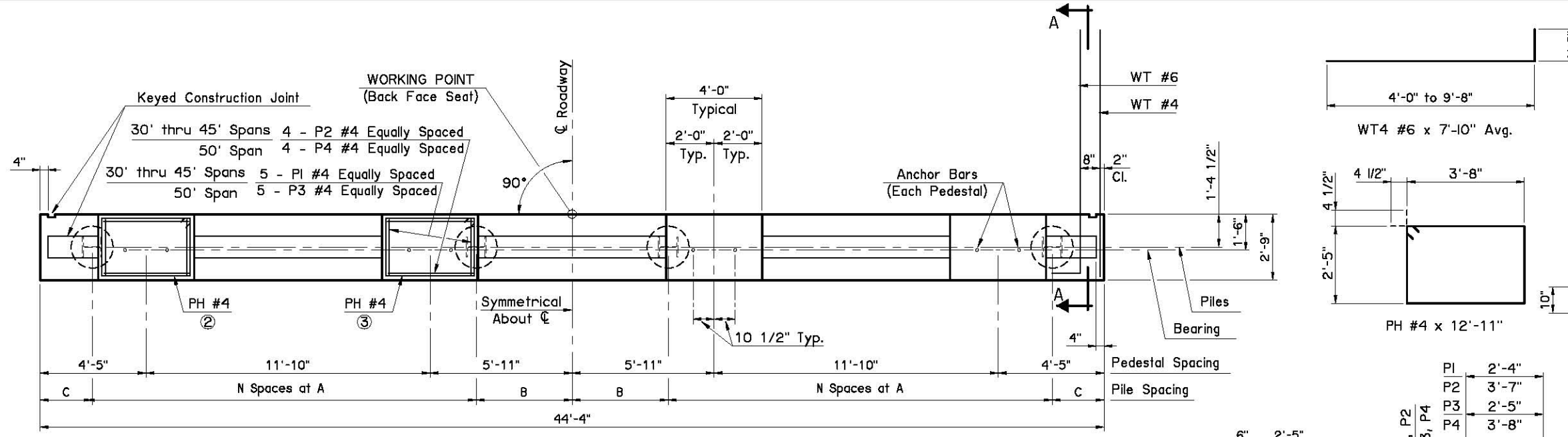
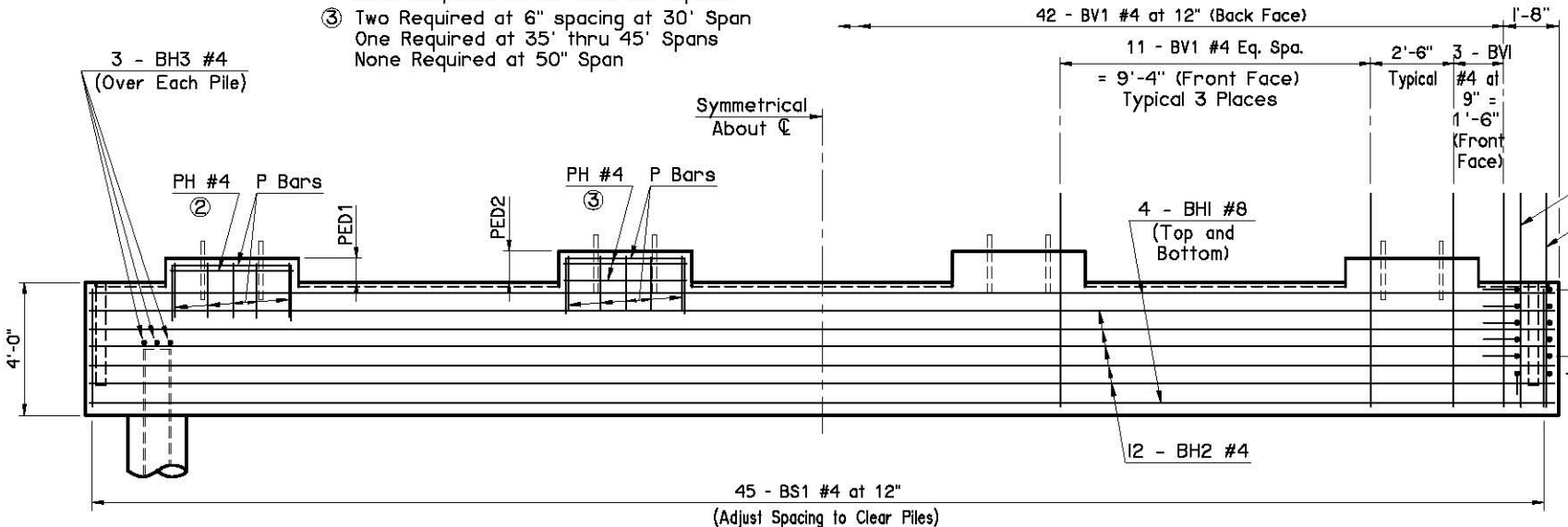


Place all WT Wing reinforcing tied to Abutment Seat reinforcing before placing Abutment Seat concrete. Do not place Abutment Wing concrete until concrete for the Abutment Diaphragm and Deck Slab have attained a strength of 3000 p.s.i. For additional details, see ABUTMENT DIAPHRAGM DETAILS (SHEET 1 OF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



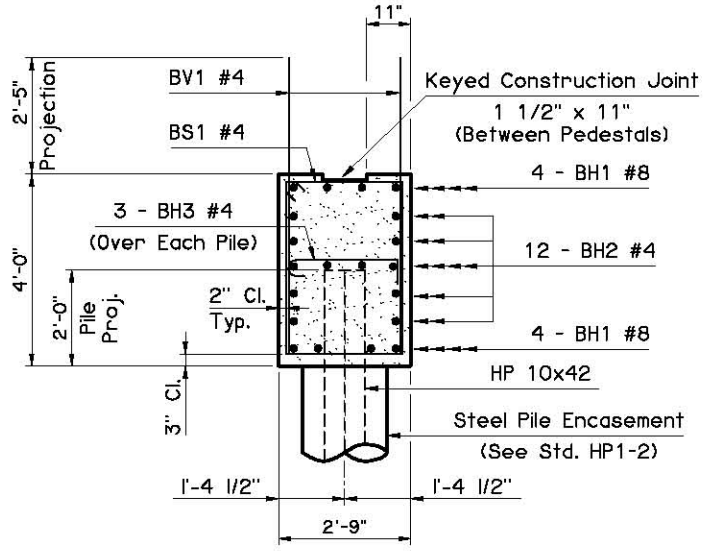
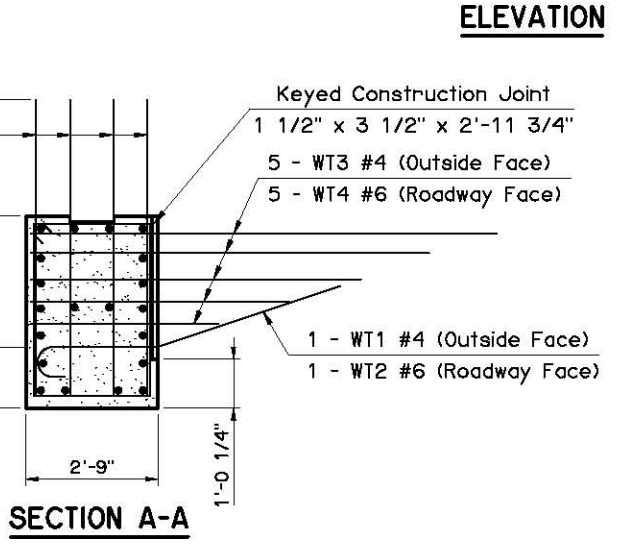
- ② One Required at 30' Span
None Required at 35' thru 50' Spans
- ③ Two Required at 6" spacing at 30' Span
One Required at 35' thru 45' Spans
None Required at 50' Span



ABUTMENT SEAT BAR LIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
BV1	#4	93	STR.	6'-2"	
BH1	#8	8	STR.	44'-0"	
BH2	#4	12	STR.	44'-0"	
BS1	#4	45	BNT.	12'-9"	
WT1	#4	2	BNT.	5'-2"	
WT2	#6	2	BNT.	7'-5"	
① WT3	#4	10	STR.	6'-10" AVG.	4'-0" to 9'-8"
① WT4	#6	10	BNT.	7'-10" AVG.	5'-0" to 10'-8"
5 PILE ABUTMENT					
BH3	#4	15	BNT.	3'-7"	
6 PILE ABUTMENT					
BH3	#4	18	BNT.	3'-7"	
7 PILE ABUTMENT					
BH3	#4	21	BNT.	3'-7"	
30' SPAN					
P1	#4	20	BNT.	6'-4"	
P2	#4	16	BNT.	7'-7"	
PH	#4	6	BNT.	12'-11"	
35' THRU 45' SPANS					
P1	#4	20	BNT.	6'-4"	
P2	#4	16	BNT.	7'-7"	
PH	#4	2	BNT.	12'-11"	
50' SPAN					
P3	#4	20	BNT.	5'-5"	
P4	#4	16	BNT.	6'-8"	

PILE SCHEDULE						
SPAN	TOTAL NUMBER OF PILES	N	A	B	C	MAXIMUM FACTORED PILE LOAD
30'	5	2	10'-0"	0"	2'-2"	71.8 TON
35'	5	2	10'-0"	0"	2'-2"	76.7 TON
40'	6	2	8'-0"	4'-0"	2'-2"	67.6 TON
45'	6	2	8'-0"	4'-0"	2'-2"	71.1 TON
50'	7	3	6'-9"	0"	1'-11"	63.8 TON

PEDESTAL SCHEDULE		
SPAN	PED1	PED2
30'	8 3/8"	11 1/4"
35'	5 5/8"	8 1/2"
40'	5 1/2"	8 3/8"
45'	5 1/8"	8"
50'	2"	4 7/8"



① 2 Sets of 5

APPROVED BY BRIDGE ENGINEER *Hearty* DATE 4/2/10

OKLAHOMA DEPT. OF TRANSPORTATION
 BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
 30' THRU 50' ROLLED BEAM SPANS
 INTEGRAL (SHEET 1 OF 2)

2009 SPECIFICATIONS | B40-I-ABUT-RB-3050-1 | 01E | B-48E