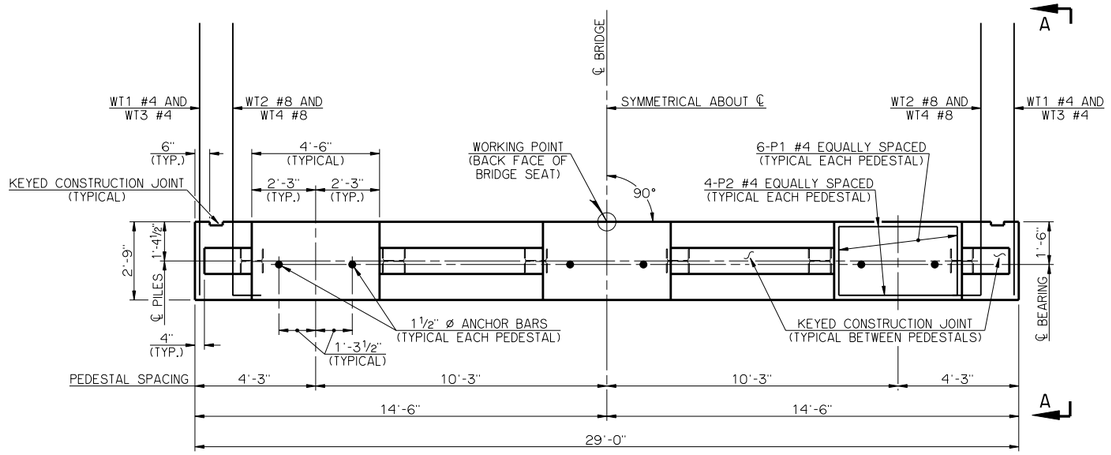
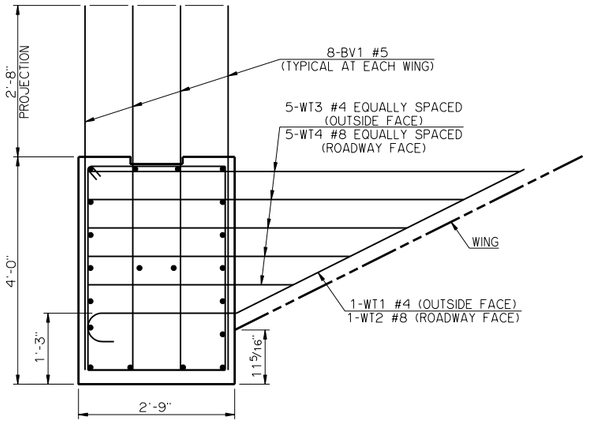
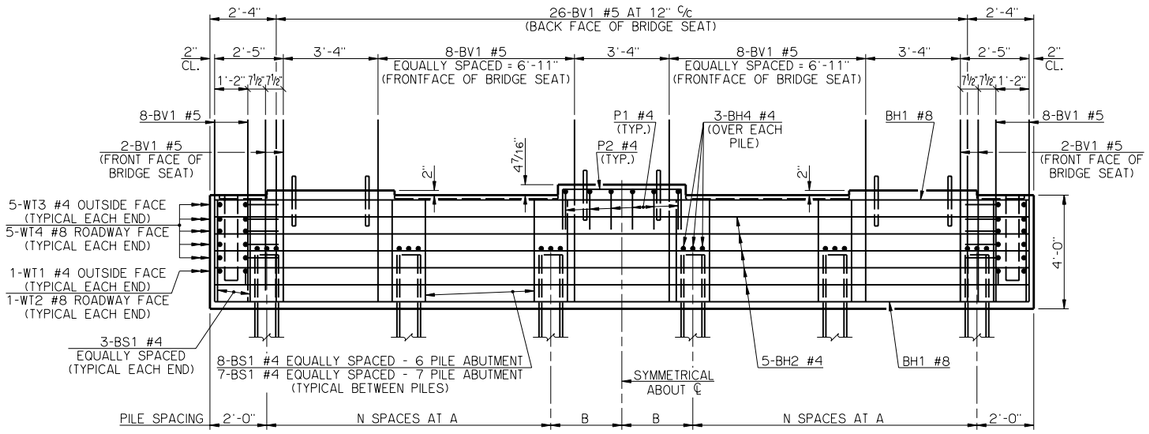


PLAN

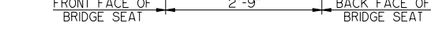


VIEW A-A

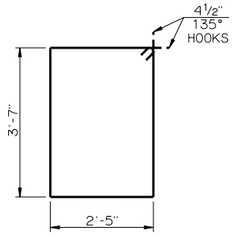
PILE SCHEDULE					
SPAN	TOTAL NUMBER OF PILES	N SPACES	A	B	MAXIMUM FACTORED PILE LOAD
80'	6	2	5'-0"	2'-6"	76.2 TON
85'	7	3	4'-2"	0'-0"	67.3 TON
90'	7	3	4'-2"	0'-0"	69.2 TON
95'	7	3	4'-2"	0'-0"	71.1 TON
100'	7	3	4'-2"	0'-0"	73.1 TON
105'	7	3	4'-2"	0'-0"	75.2 TON



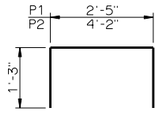
ELEVATION



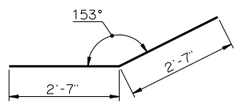
BH3 #4 x 3'-7"



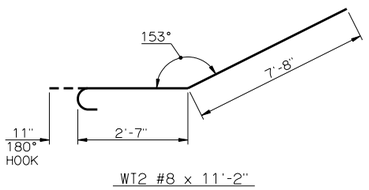
BS1 #4 x 12'-9"



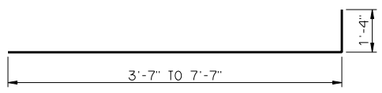
P1 #4 x 4'-11"
P2 #4 x 6'-8"



WT1 #4 x 5'-2"



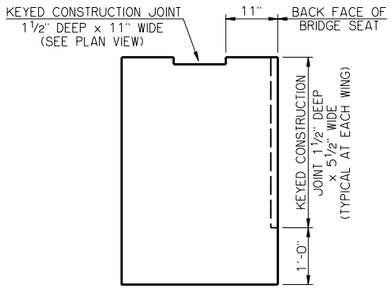
WT2 #8 x 11'-2"



WT4 #8 x 6'-11" AVG.

DETAILS OF BENT REINFORCING STEEL

TYPICAL SECTION THRU BRIDGE SEAT



DETAIL OF CONSTRUCTION JOINTS

BAR LIST - ONE ABUTMENT					
MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION
BH1	8	#8	STR.	28'-8"	-
BH2	12	#4	STR.	28'-8"	-
BV1	62	#5	STR.	6'-5"	-
P1	18	#4	BNT.	4'-11"	-
P2	12	#4	BNT.	6'-8"	-
WT1	2	#4	BNT.	5'-2"	-
WT2	2	#8	BNT.	11'-2"	-
(1) WT3	10	#4	STR.	5'-7" AVG.	3'-7" TO 7'-7"
(1) WT4	10	#8	BNT.	6'-11" AVG.	4'-11" TO 8'-11"
ADDITIONAL BARS TO BE USED WITH 6 PILE ABUTMENTS					
BH3	18	#4	BNT.	3'-7"	-
BS1	46	#4	BNT.	12'-9"	-
ADDITIONAL BARS TO BE USED WITH 7 PILE ABUTMENTS					
BH3	21	#4	BNT.	3'-7"	-
BS1	48	#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	35.00
CLASS A CONCRETE	CY	12.20
REINFORCING STEEL	LB	2,120.00
PILES, FURNISHED (HP 10 x 42)	LF	-
PILES, DRIVEN (HP 10 x 42)	LF	-
6" PERFORATED PIPE UNDERDRAIN ROUND	LF	27.00
6" NON-PERF. PIPE UNDERDRAIN RND.	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. Rusch DATE 10/16/08

OKLAHOMA DEPARTMENT OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS
TYPE IV P.C. BEAMS

26' CLEAR ROADWAY - INTEGRAL - SKEWED 0°

1999 STANDARD SPECIFICATIONS | CB26-I-SKO-ABUT-PC4 | 00E

CB-371E