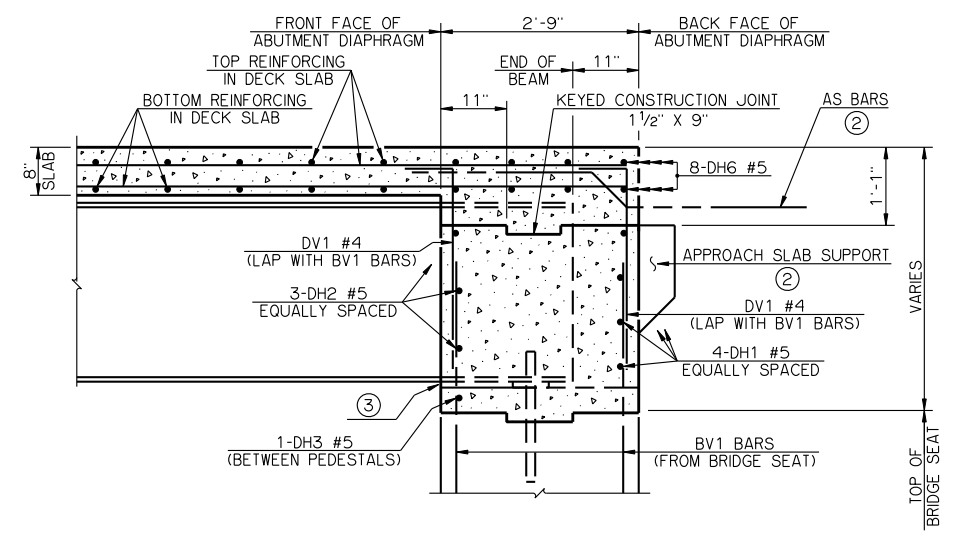
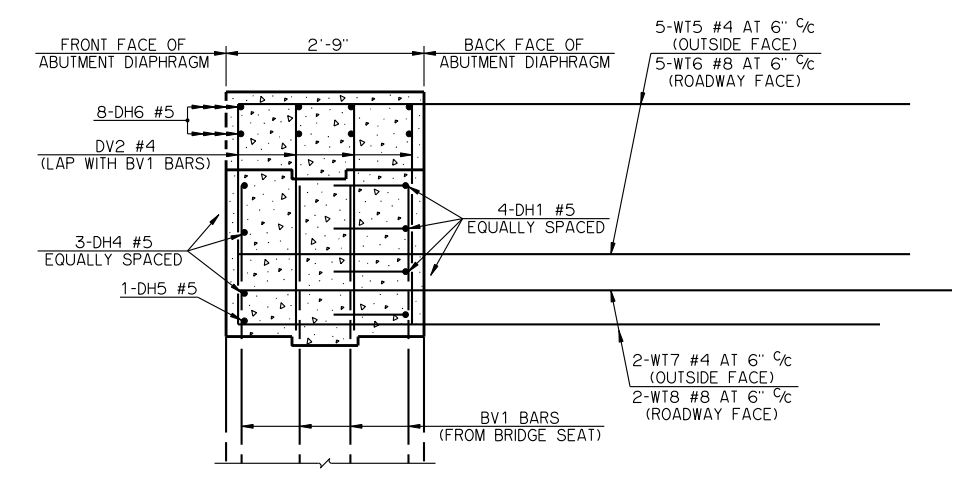
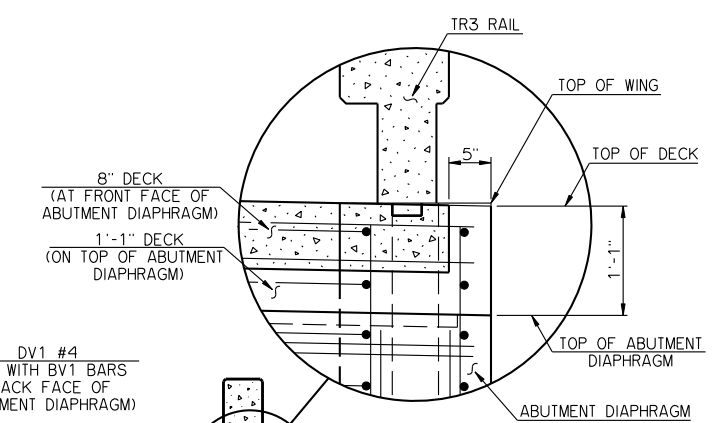


PLAN

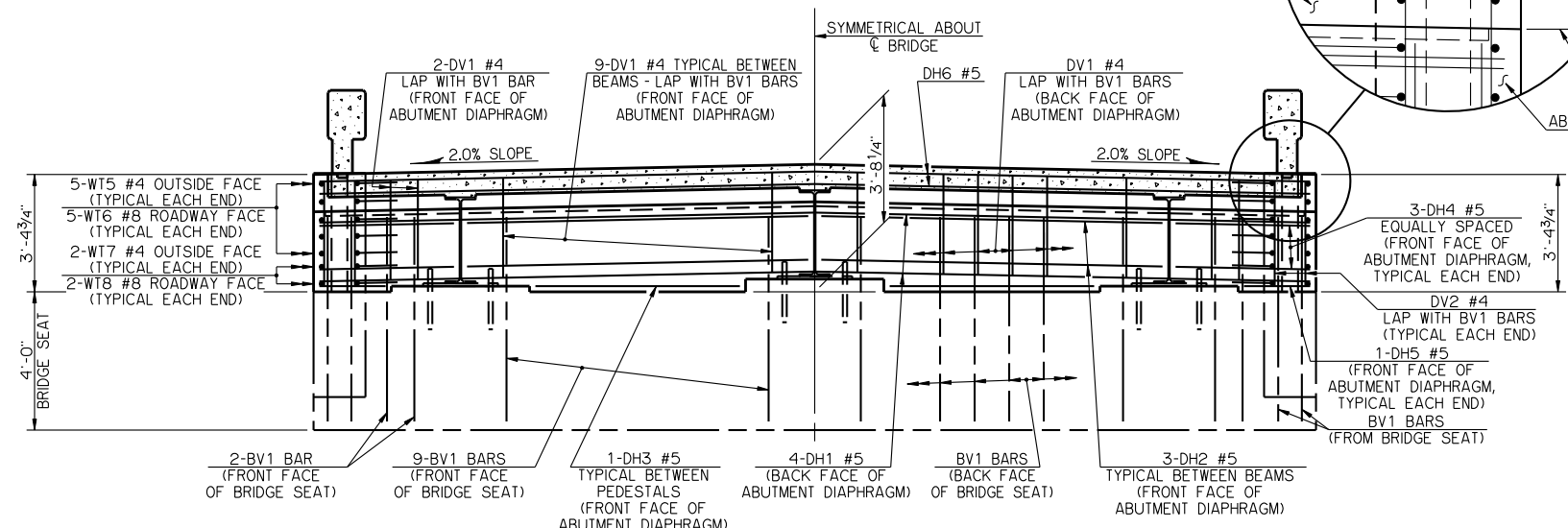


TYPICAL SECTION THRU ABUTMENT DIAPHRAGM

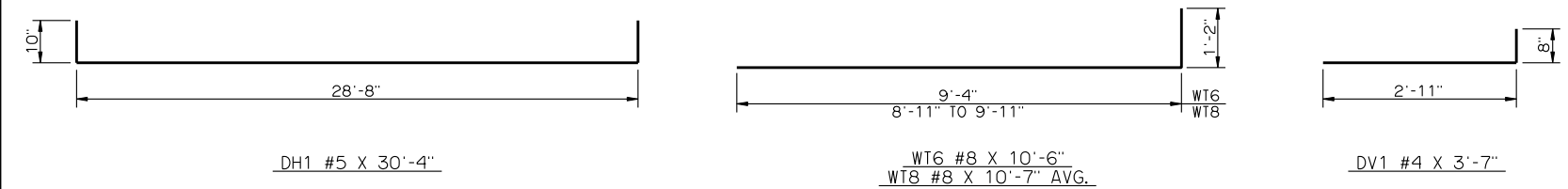
- ② THE 'AS' BARS AND THE APPROACH SLAB SUPPORT ARE TO BE CONSTRUCTED ONLY IF THE BRIDGE CONTAINS THE OPTIONAL APPROACH SLABS. THE 'AS' BARS IN THE DECK SLAB AND THE 'BV1' AND 'SV1' BARS IN THE APPROACH SLAB SUPPORT SHALL BE INSTALLED BEFORE PLACING THE ABUTMENT DIAPHRAGM AND DECK SLAB CONCRETE. FOR ADDITIONAL DETAILS AND INFORMATION SEE APPROACH SLAB DETAILS.
- ③ COMPLETELY FILL THE VOID IN THE ABUTMENT DIAPHRAGM DIRECTLY UNDER THE BEAM WITH SILICONE TO SEAL THE EXPOSED EDGE OF THE ANCHOR PLATE. ALL COSTS INCLUDING MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO INSTALL THE SILICONE, SHALL BE INCLUDED IN OTHER ITEMS OF WORK.



TYPICAL SECTION THRU ABUTMENT DIAPHRAGM AT WING



ELEVATION



DETAILS OF BENT REINFORCING STEEL

BAR LIST - ONE ABUTMENT DIAPHRAGM						
MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION	
DH1	4	#5	BNT.	30'-4"	-	
DH2	6	#5	STR.	9'-10"	-	
DH3	2	#5	STR.	5'-11"	-	
DH4	6	#5	STR.	3'-10"	-	
DH5	2	#5	STR.	1'-11"	-	
DH6	8	#5	STR.	28'-8"	-	
DV1	48	#4	BNT.	3'-7"	-	
DV2	16	#4	STR.	3'-0"	-	
WT5	10	#4	STR.	9'-4"	-	
WT6	10	#8	BNT.	10'-6"	-	
WT7	4	#4	STR.	9'-5" AVG.	8'-11" TO 9'-11"	
WT8	4	#8	BNT.	10'-7" AVG.	10'-1" TO 11'-1"	

① NO. INCLUDES TWO SETS OF 2 BARS

NOTES

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

APPROVED BY BRIDGE ENGINEER *Robert D. Smith* DATE 9-9-2011
 OKLAHOMA DEPARTMENT OF TRANSPORTATION
 COUNTY BRIDGE STANDARD (ENGLISH)
ABUTMENT DIAPHRAGM DETAILS
30' THRU 50' ROLLED BEAMS
 26' CLEAR ROADWAY - INTEGRAL - SKEWED 0°
 2009 SPECIFICATIONS CB26-I-SKO-DIA-ABUT-RB-3050 01E
 CB-489E