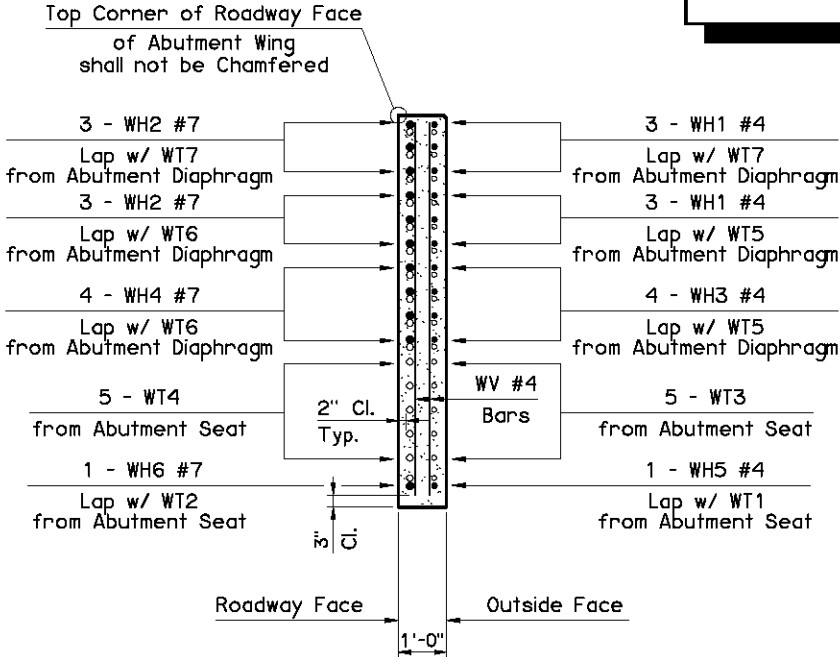
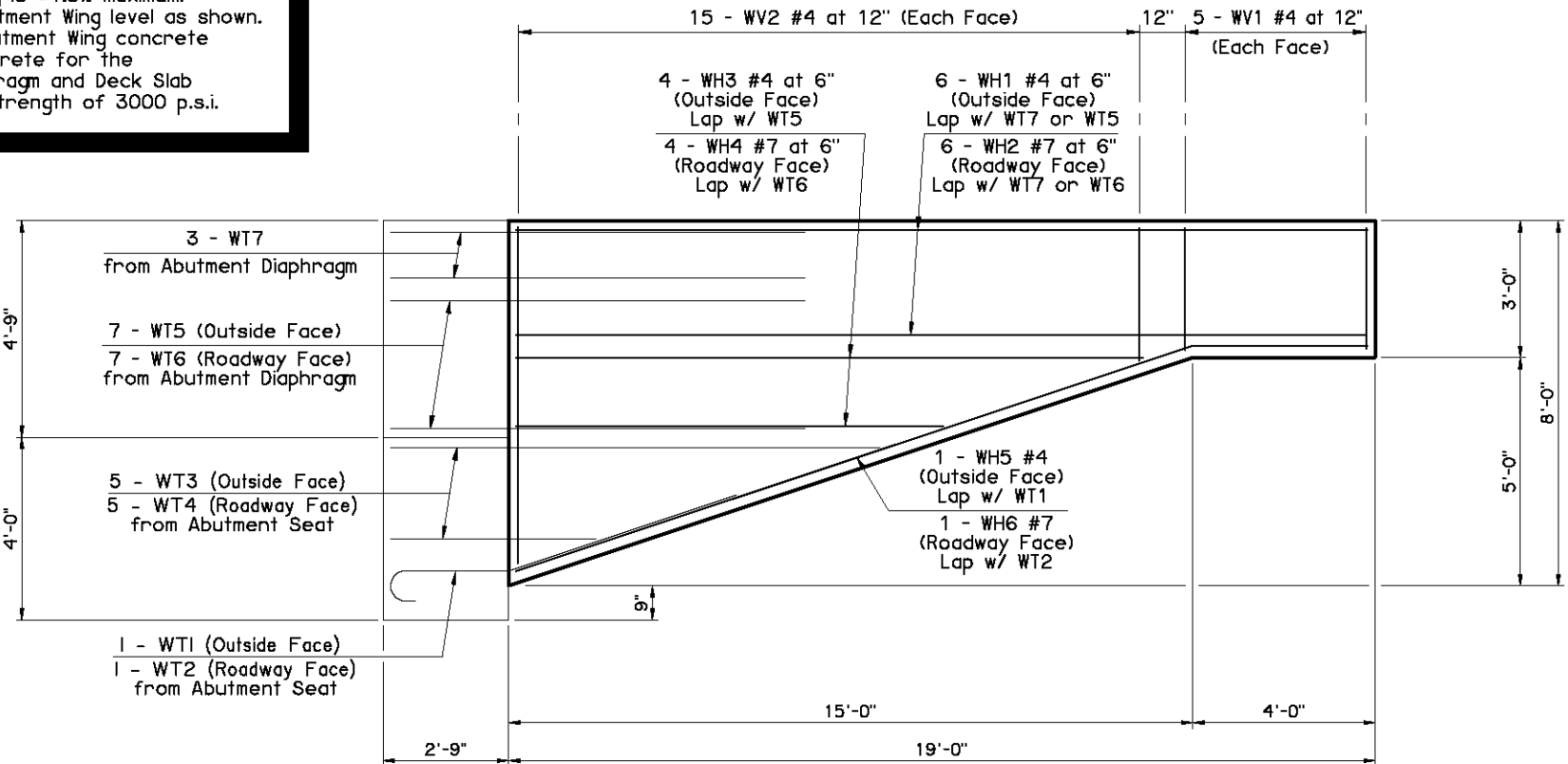


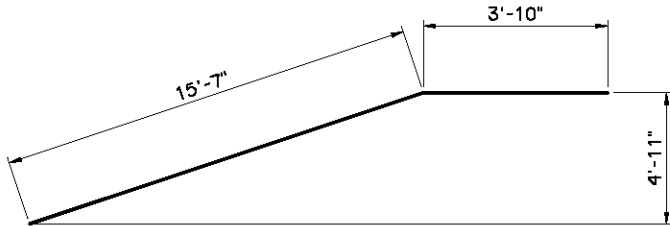
This standard may be used only if grade from Back Face of Abutment Seat to end of Wing is  $\pm 1.5\%$  maximum. Construct top of Abutment Wing level as shown. Do not place Abutment Wing concrete until concrete for the Abutment Diaphragm and Deck Slab have attained a strength of 3000 p.s.i.



SECTION THRU WING AT  
BACK FACE OF ABUTMENT SEAT



WING ELEVATION



WH5 #4 x 19'-5"  
WH6 #7 x 19'-5"

ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	40
CLSM BACKFILL	C.Y.	82
CLASS A CONCRETE	C.Y.	26.2
EPOXY COATED REINFORCING STEEL	LB.	4,330
PILES, FURNISHED (HP10x42)	L.F.	
PILES, DRIVEN (HP10x42)	L.F.	
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	12
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	42
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	

NOTE:  
See TYPICAL CROSS SECTION  
for extent of Water Repellent  
Treatment.

ABUTMENT WING BAR LIST ONE SHOWN, TWO REQUIRED					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
WH1	#4	6	STR.	18'-8"	
WH2	#7	6	STR.	18'-8"	
WH3	#4	4	STR.	11'-5" AVG.	9'-2" to 13'-8"
WH4	#7	4	STR.	11'-5" AVG.	9'-2" to 13'-8"
WH5	#4	1	BNT.	19'-5"	
WH6	#7	1	BNT.	19'-5"	
WV1	#4	10	STR.	2'-7"	
WV2	#4	30	STR.	5'-2" AVG.	2'-10" to 7'-6"

①

① 2 Sets of 15

APPROVED BY BRIDGE ENGINEER	DATE
OKLAHOMA DEPT. OF TRANSPORTATION BRIDGE STANDARD (ENGLISH) ABUTMENT DETAILS TYPE III AND TYPE C P.C. BEAMS INTEGRAL (SHEET 2 OF 2)	
2009 SPECIFICATIONS	B40-I-ABUT-PC3-2
01E	8-43E