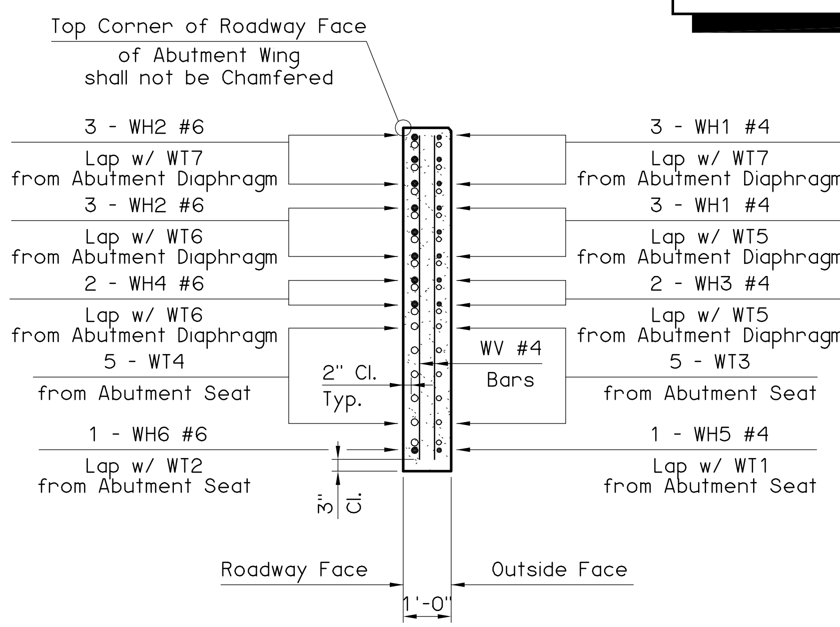
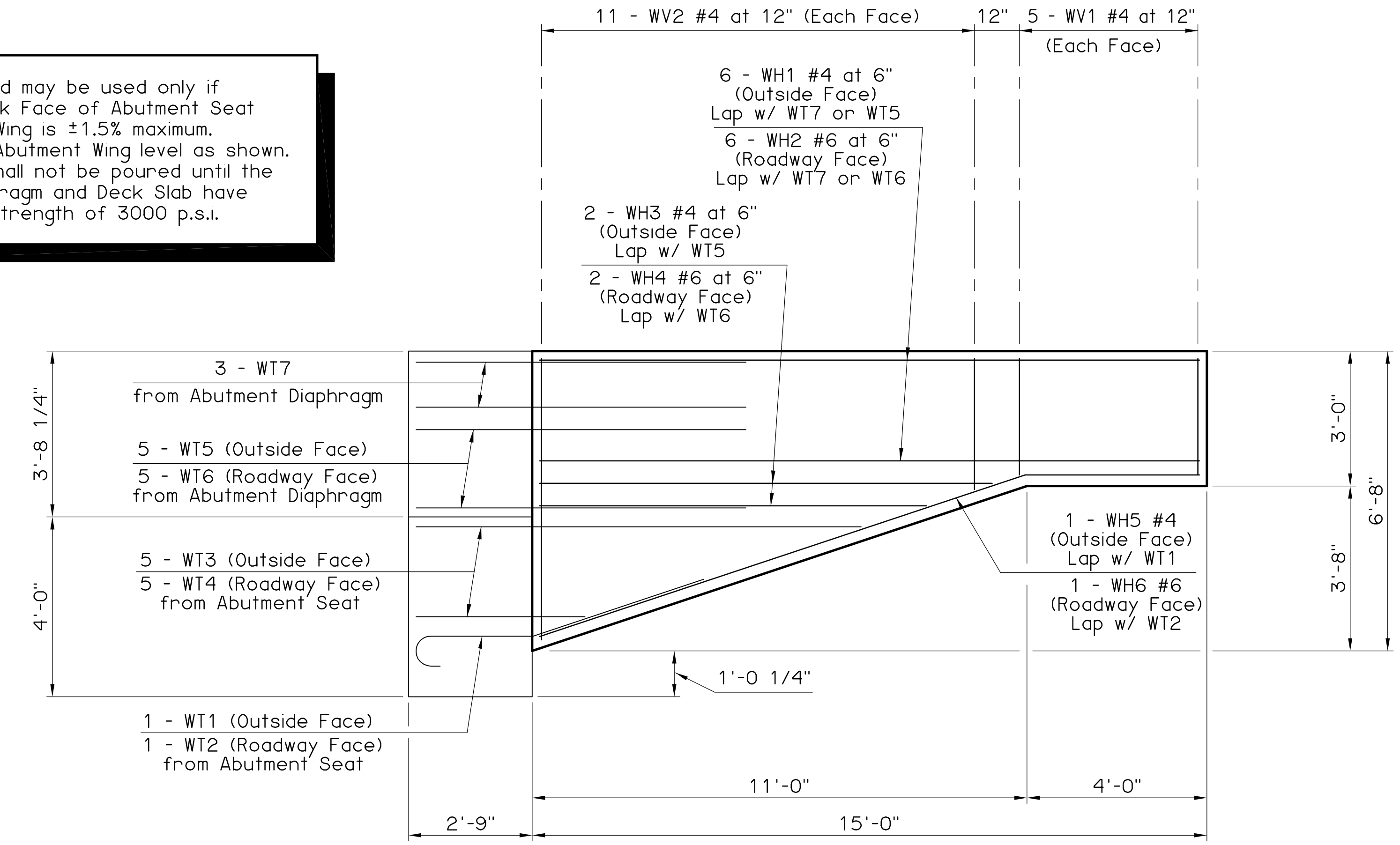
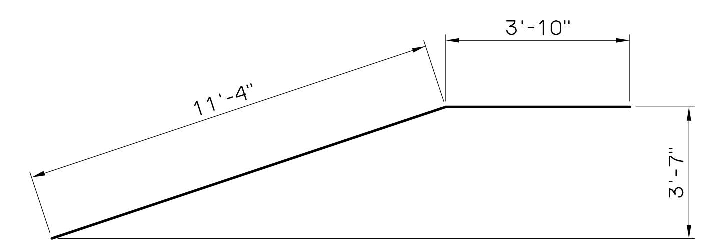
This standard may be used only if grade from Back Face of Abutment Seat to end of Wing is ±1.5% maximum. Construct top of Abutment Wing level as shown. Abutment Wings shall not be poured until the Abutment Diaphragm and Deck Slab have attained a strength of 3000 p.s.i.



SECTION THRU WING AT BACK FACE OF ABUTMENT SEAT



WING ELEVATION



WH5 #4 x 15'-2"
WH6 #6 x 15'-2"

ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	40
GRANULAR BACKFILL	C.Y.	44
CLASS A CONCRETE	C.Y.	24.2
EPOXY COATED REINFORCING STEEL	LB.	3,160
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.	

ABUTMENT WING BAR LIST
ONE SHOWN, TWO REQUIRED

	MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
	EPOXY COATED REINFORCING					
	WH1	#4	6	STR.	14'-8"	
	WH2	#6	6	STR.	14'-8"	
	WH3	#4	2	STR.	9'-2" AVG.	8'-5" to 9'-11"
	WH4	#6	2	STR.	9'-2" AVG.	8'-5" to 9'-11"
	WH5	#4	1	BNT.	15'-2"	
	WH6	#6	1	BNT.	15'-2"	
	WV1	#4	10	STR.	2'-7"	
①	WV2	#4	22	STR.	4'-6" AVG.	2'-10" to 6'-2"

① 2 Sets of 11

APPROVED BY BRIDGE ENGINEER [signature] DATE 8/29/03

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS 30' THRU 50' ROLLED BEAM SPANS INTEGRAL (SHEET 2 OF 2)

1999 SPECIFICATIONS | B40-I-ABUT-RB-3050-2 | OOE

B-49E