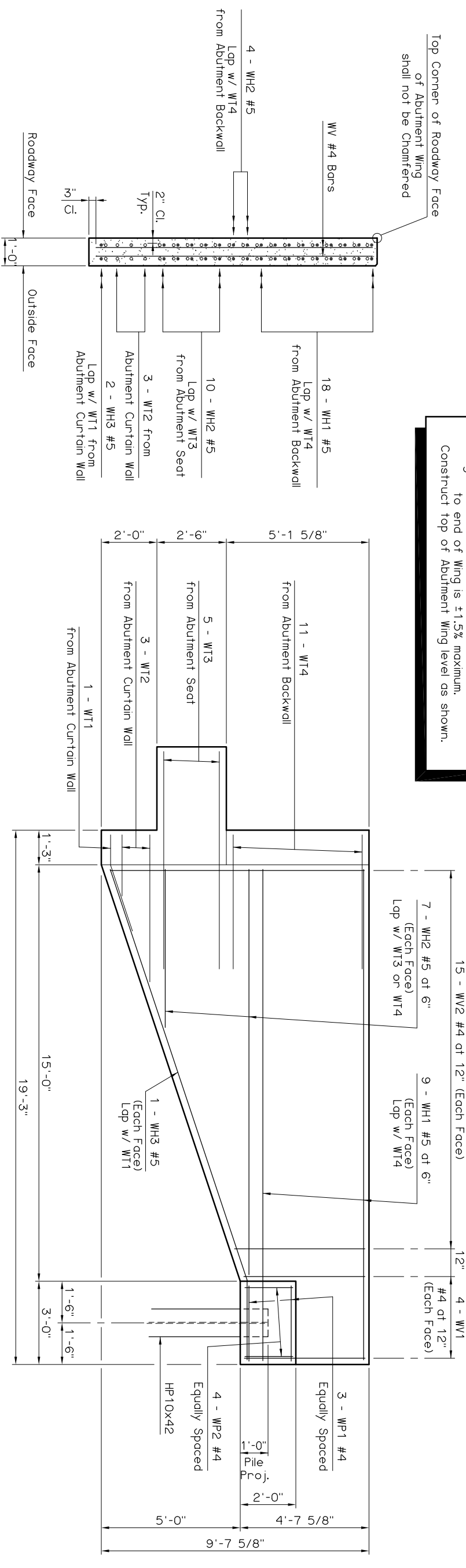


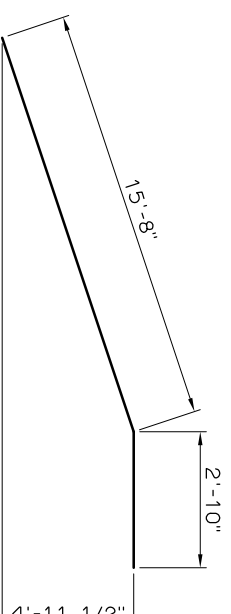
Top Corner of Roadway Face of Abutment Wing shall not be Chamfered

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.



**SECTION THRU WING AT
BACK FACE OF ABUTMENT SEAT**

WING ELEVATION



ABUTMENT BAR LIST				
MARK	SIZE	NO.	FORM	LENGTH
EPOXY COATED REINFORCING				
BH1	#4	9	STR.	44'-0"
BH2	#4	7	BNT.	45'-4"
BH3	#9	10	STR.	44'-0"
BH4	#4	21	BNT.	5'-1"
BV1	#4	42	STR.	8'-3" Avg.
BV2	#5	42	STR.	8'-3" Avg.
BV3	#4	8	STR.	9'-2"
P1	#4	20	BNT.	6'-6"
P2	#4	16	BNT.	7'-6"
S1	#5	45	BNT.	12'-11"
SC	#4	4	BNT.	3'-3"

ABUTMENT BAR LIST				
MARK	SIZE	NO.	FORM	LENGTH
EPOXY COATED REINFORCING				
WT1	#5	2	BNT.	8'-2"
WT2	#5	6	BNT.	8'-8" Avg.
WT3	#5	10	BNT.	16'-8"
WT4	#5	22	BNT.	10'-8"
WH1	#5	36	STR.	17'-8"
WH2	#5	28	STR.	10'-4" Avg.
WH3	#5	4	BNT.	18'-6"
WV1	#4	16	STR.	4'-2"
WV2	#4	60	STR.	6'-10" Avg.
WP1	#4	6	BNT.	8'-8"
WP2	#4	8	STR.	1'-7"

ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	90
CLSM BACKFILL	C.Y.	62
CLASS A CONCRETE	C.Y.	41.3
EPOXY COATED REINFORCING STEEL	LB.	5,360
PILES, FURNISHED (HP10x42)	L.F.	
PILES, FURNISHED (HP12x53)	L.F.	
PILES, DRIVEN (HP10x42)	L.F.	
PILES, DRIVEN (HP12x53)	L.F.	
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	45
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	42
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	

APPROVED BY BRIDGE ENGINEER DATE 8/18/07

OKLAHOMA DEPT. OF TRANSPORTATION

BRIDGE STANDARD (ENGLISH)

ABUTMENT DETAILS
TYPE III AND TYPE C P.C. BEAMS
CONVENTIONAL (SHEET 2 OF 2)

1999 SPECIFICATIONS B40-C-ABUT-PC3-2

OOE

B-243E

① 2 Sets of 21

② 2 Sets of 3
③ 4 Sets of 7
④ 4 Sets of 15