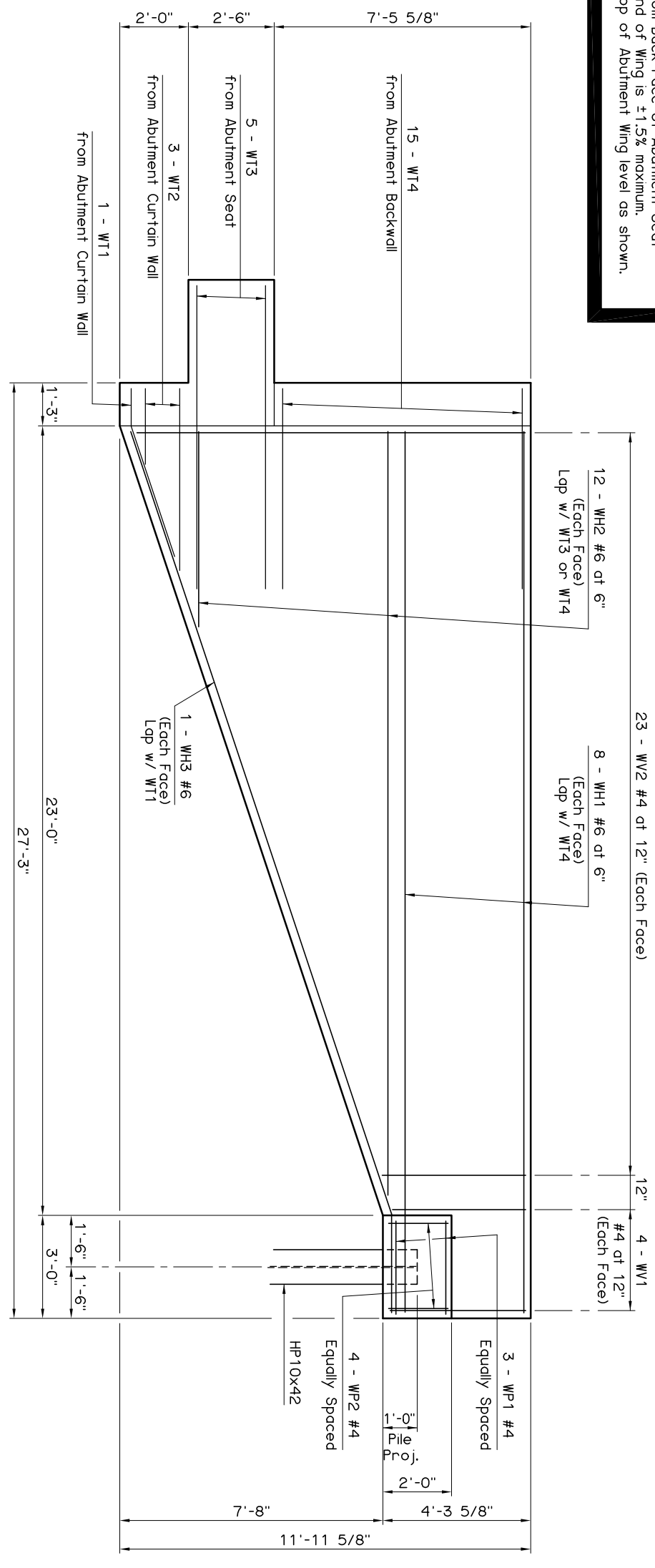
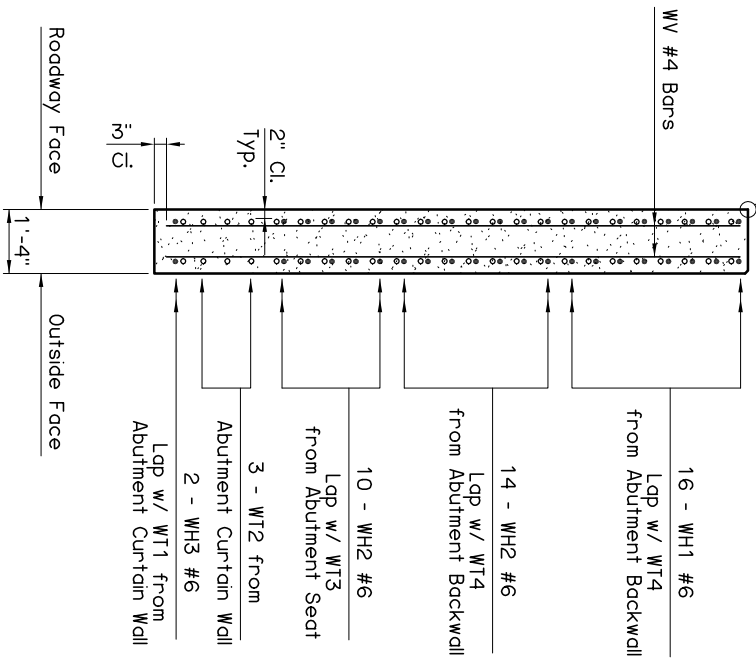


Top Corner of Roadway Face of Abutment Wing shall not be Chamfered

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

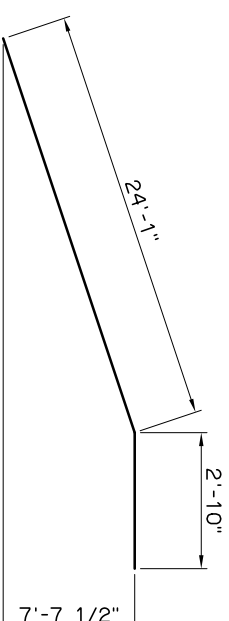
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
BH1	#4	12	STR.	44'-8"	
BH2	#4	10	BNT.	46'-0"	
BH3	#9	10	STR.	44'-8"	
BH4	#4	27	BNT.	5'-1"	
BH5	#4	14	BNT.	4'-8"	
BV1	#4	42	STR.	10'-7" Avg.	10'-5" to 10'-9"
BV2	#5	42	STR.	10'-7" Avg.	10'-5" to 10'-9"
BV3	#4	8	STR.	11'-6"	
P1	#4	24	BNT.	5'-8"	
P2	#4	16	BNT.	7'-8"	
S1	#5	46	BNT.	12'-11"	
SC	#4	4	BNT.	3'-3"	

ABUTMENT BAR LIST

MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
WT1	#6	2	BNT.	11'-6"	
WT2	#6	6	BNT.	9'-0" Avg.	6'-0" to 12'-0"
WT3	#6	10	BNT.	19'-0"	
WT4	#6	30	BNT.	13'-0"	
WH1	#6	32	STR.	25'-8"	
WH2	#6	48	STR.	14'-0" Avg.	5'-9" to 22'-3"
WH3	#6	4	BNT.	26'-11"	
WV1	#4	16	STR.	3'-10"	
WV2	#4	92	STR.	8'-0" Avg.	4'-6" to 11'-6"
WP1	#4	6	BNT.	8'-8"	
WP2	#4	8	STR.	1'-7"	

① 2 Sets of 21

② 2 Sets of 3
③ 4 Sets of 12
④ 4 Sets of 23



ABUTMENT QUANTITIES

ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	105
CLSM BACKFILL	C.Y.	119
CLASS A CONCRETE	C.Y.	56.7
EPOXY COATED REINFORCING STEEL	LB.	7,910
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.	57
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	42
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	

APPROVED BY BRIDGE ENGINEER *Chad Head* DATE 12-1-04
 OKLAHOMA DEPT. OF TRANSPORTATION
 BRIDGE STANDARD (ENGLISH)
 ABUTMENT DETAILS
 TYPE BT-72 AND TYPE J P.C. BEAMS
 CONVENTIONAL (SHEET 2 OF 2)
 1999 SPECIFICATIONS B40-C-ABUT-PCS-2 OTE B-247E