

SECTION THRU WING AT
BACK FACE OF ABUTMENT SEAT

WING ELEVATION

WH3 #5 x 17'-5"

WPI #4 x 8'-8"

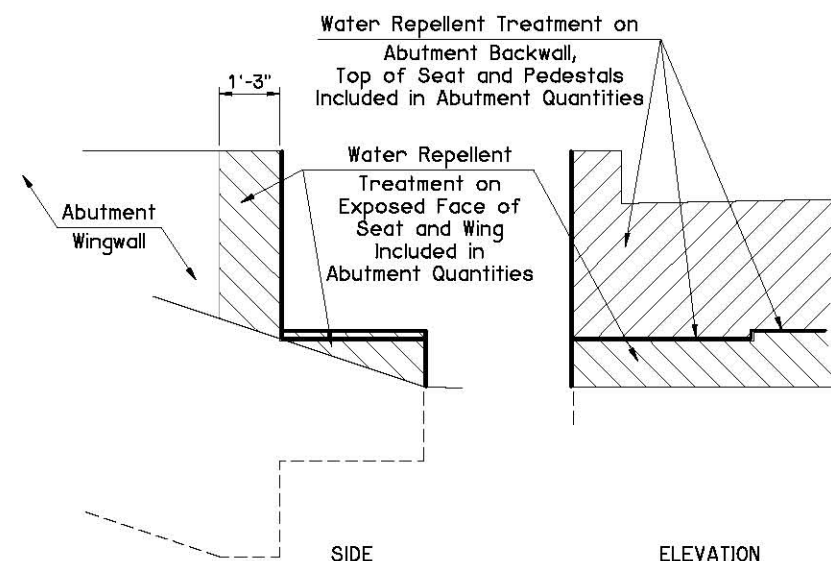
ABUTMENT BAR LIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
BH1	#4	9	STR.	44'-0"	
BH2	#4	7	BNT.	45'-4"	
BH3	#9	10	STR.	44'-0"	
BH4	#4	21	BNT.	5'-1"	
① BV1	#4	42	STR.	7'-10" Avg.	7'-7" to 8'-1"
① BV2	#5	42	STR.	7'-10" Avg.	7'-7" to 8'-1"
BV3	#4	8	STR.	8'-8"	
S1	#5	45	BNT.	12'-11"	
SC	#4	4	BNT.	3'-3"	
WT1	#5	2	BNT.	8'-2"	
② WT2	#5	6	BNT.	8'-8" Avg.	5'-8" to 11'-8"
WT3	#5	10	BNT.	16'-8"	
WT4	#5	20	BNT.	10'-8"	
WH1	#5	36	STR.	16'-8"	
③ WH2	#5	24	STR.	9'-6" Avg.	5'-9" to 13'-3"
WH3	#5	4	BNT.	17'-5"	
WV1	#4	16	STR.	4'-0"	
④ WV2	#4	56	STR.	6'-5" Avg.	4'-4" to 8'-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 6
④ 4 Sets of 14

ABUTMENT BAR LIST - 55' AND 60' SPANS					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
P1	#4	20	BNT.	6'-3"	
P2	#4	16	BNT.	7'-3"	
PH	#4	4	BNT.	13'-5"	

ABUTMENT BAR LIST - 65' THRU 80' SPANS					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
P1	#4	20	BNT.	6'-3"	
P2	#4	16	BNT.	7'-3"	
PH	#4	2	BNT.	13'-5"	

ABUTMENT BAR LIST - 85' THRU 100' SPANS					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
P3	#4	20	BNT.	5'-8"	
P4	#4	16	BNT.	6'-8"	



WATER REPELLENT TREATMENT DETAILS

ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	80
CLSM BACKFILL	C.Y.	85
CLASS A CONCRETE	C.Y.	39.3
EPOXY COATED REINFORCING STEEL	LB.	5,190
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.	42
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	42
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	

APPROVED BY BRIDGE ENGINEER

DATE 4/2/10

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
55' THRU 100' ROLLED BEAM SPANS
CONVENTIONAL (SHEET 2 OF 2)

2009 SPECIFICATIONS

B40-C-ABUT-RB-55100-2

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B-251E