

SECTION THRU WING AT BACK FACE OF ABUTMENT SEAT

WING ELEVATION

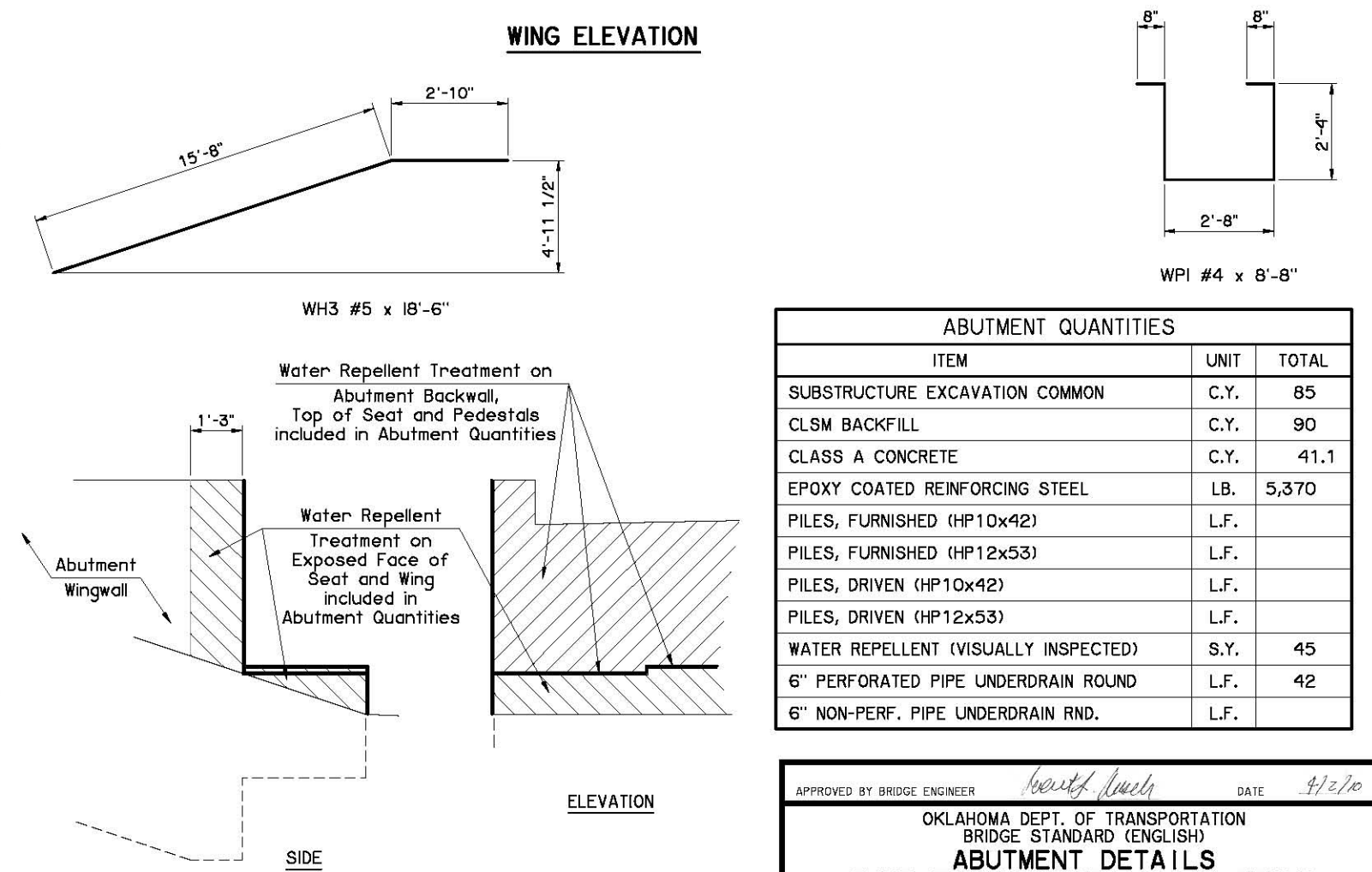
ABUTMENT BAR LIST											
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION	MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING						EPOXY COATED REINFORCING					
BH1	#4	9	STR.	44'-0"		WT1	#5	2	BNT.	8'-2"	
BH2	#4	7	BNT.	45'-4"		WT2	#5	6	BNT.	8'-8" Avg.	5'-8" to 11'-8"
BH3	#9	10	STR.	44'-0"		WT3	#5	10	BNT.	16'-8"	
BH4	#4	21	BNT.	5'-1"		WT4	#5	22	BNT.	10'-8"	
BV1	#4	42	STR.	8'-2" Avg.	8'-0" to 8'-4"	WH1	#5	36	STR.	17'-8"	
BV2	#5	42	STR.	8'-2" Avg.	8'-0" to 8'-4"	WH2	#5	28	STR.	10'-4" Avg.	5'-9" to 14'-11"
BV3	#4	8	STR.	9'-1"		WH3	#5	4	BNT.	18'-6"	
S1	#5	45	BNT.	12'-11"		WV1	#4	16	STR.	4'-1"	
SC	#4	4	BNT.	3'-3"		WV2	#4	60	STR.	6'-9" Avg.	4'-5" to 9'-1"

① 2 Sets of 21

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

ABUTMENT BAR LIST - TYPE III					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
P1	#4	20	BNT.	5'-8"	
P2	#4	16	BNT.	7'-0"	

ABUTMENT BAR LIST - TYPE C					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
P3	#4	20	BNT.	6'-5"	
P4	#4	16	BNT.	7'-9"	
PH	#4	2	BNT.	14'-1"	



ELEVATION

WATER REPELLENT TREATMENT DETAILS

ABUTMENT QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	85
CLSM BACKFILL	C.Y.	90
CLASS A CONCRETE	C.Y.	41.1
EPOXY COATED REINFORCING STEEL	LB.	5,370
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 *Scott J. Smith* DATE 4/2/10

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
ABUTMENT DETAILS
TYPE III AND TYPE C P.C. BEAMS
CONVENTIONAL (SHEET 2 OF 2)