

		8-BV1 #5 (TYPICAL AT EACH WING)	[PEDESTAL	DIMEN	ISIONS
		THI ICAL AT LACIT WINGS	İ	SPAN	P1	P2
_	ſ	5-WT3 #4 EQUALLY SPACED		55'	8 ¹³ /16"	1 1 ¹ /4"
		(OUTSIDE FACE)	ĺ	60'	6 ¹ /8"	8 ⁵ /8"
		5-WT4 #8 EQUALLY SPACED (ROADWAY FACE)		65'	5 ¹³ /16"	8 ¹ /4"
	_	n (ROADWAT FACE)		70'	5 ¹¹ /16"	8³/16"
	•			75'	211/16"	5³/16"
				80'	3"	5 ⁷ /16"
	1			85 [.]	2 ¹¹ /16"	5³/16"
				90.	2 ⁵ /16"	43/4"
				95'	2"	4 ⁷ /16"
•	•	WING	Į	100	2"	4 ⁷ /16"
	1	1-WI1 #4 (OUTSIDE FACE) 1-WI2 #8 (ROADWAY FACE)		PILE :	SCHEDI	JIF

PE	DESTA	L DIME	NSIONS
(SPAN	P1	P2
	55'	8 ¹³ /16"	11 ¹ /4"
	60'	6 ¹ /8"	8 ⁵ /8"
	65'	5 ¹³ /16"	8 ¹ /4"
	70'	5 ¹¹ /16"	8 ³ /16"
	75'	2 ¹¹ /16"	5³/16"
	80'	3"	5 ⁷ /16"
	85'	2 ¹¹ /16"	53/16"
	90.	2 ⁵ /16"	43/4"
	95'	2"	4 ⁷ /16"
	100'	2	4 ⁷ /16"

PILE SCHEDULE								
SPAN	TOTAL NUMBER OF PILES	N SPACES	А	В	MAXIMUM FACTORED PILE LOAD			
55.	5	2	6'-3"	00	68.2 TON			
60.	5	2	6'-3"	00	70.7 TON			
65'	5	2	6'-3"	00	73.1 TON			
70'	5	2	6'-3"	00	75.4 TON			
75'	6	2	5'-0"	2'-6"	66.3 TON			
80.	6	2	5'-0"	2'-6"	68.4 TON			
85'	6	2	5'-0"	2'-6"	70.4 TON			
90.	6	2	5'-0"	2'-6"	72.6 TON			
95'	6	2	5'-0"	2'-6"	74.8 TON			
100'	6	2	5'-0"	2'-6"	76.6 TON			

BAR LIST - ONE ABUTMENT								
MARK	NO.	SIZE	FORM	LENGTH	LENGTH VARIATION			
BH1	8	#8	STR.	28'-8"	-			
BH2	12	#4	STR.	28'-8"	-			
BV1	64	#5	STR.	6'-4"	-			
P1	15	#4	BNT.	5'-9"	-			
P2	12	#4	BNT.	7'-0"	-			
WT1	2	#4	BNT.	5'-2"	-			
WT2	2	#8	BNT.	11'-2"	ı			
WT3	10	#4	STR.	5'-10" AVG.	3'-8" TO 8'-0"			
WT4	10	#8	BNT.	7'-0" AVG.	4'-10" IO 9'-2"			
5 PILE ABUTMENT								
BS1	34	#4	BNT.	12'-9"				
внз	15	#4	BNT.	3'-7"				
6 PILE ABUTMENT								
BS1	41	#4	BNT.	12'-9"				
внз	18	#4	BNT.	3'-7"				
	BH2 BV1 P1 P2 WT1 WT2 WT3 WT4 BS1 BH3	MARK NO. BH1 8 BH2 12 BV1 64 P1 15 P2 12 WT1 2 WT2 2 WT3 10 WT4 10 BS1 34 BH3 15	MARK NO. SIZE BH1 8 #8 BH2 12 #4 BV1 64 #5 P1 15 #4 P2 12 #4 WT1 2 #4 WT2 2 #8 WT3 10 #4 WT4 10 #8 BS1 34 #4 BH3 15 #4	MARK NO. SIZE FORM BH1 8 #8 STR. BH2 12 #4 STR. BV1 64 #5 STR. P1 15 #4 BNT. P2 12 #4 BNT. WT1 2 #8 BNT. WT2 2 #8 BNT. WT3 10 #4 STR. WT1 2 #4 BNT. 5 PILE BS1 34 #4 BNT. BH3 15 #4 BNT. 6 PILE BS1 41 #4 BNT.	MARK NO. SIZE FORM LENGTH BH1 8 #8 STR. 28'-8" BH2 12 #4 STR. 28'-8" BV1 64 #5 STR. 6'-4" P1 15 #4 BNT. 5'-9" P2 12 #4 BNT. 7'-0" WT1 2 #4 BNT. 5'-2" WT2 2 #8 BNT. 11'-2" WT3 10 #4 SRT. 5'-10" AVG. WT4 10 #8 BNT. 7'-0" AVG. S PILE ABUTMENT BS1 34 #4 BNT. 12'-9" BH3 15 #4 BNT. 3'-7" 6 PILE ABUTMENT BS1 41 #4 BNT. 12'-9"			

1 NO. INCLUDES TWO SETS OF 5 BARS

SUBSTRUCTURE EXCAVATION COMMON CY GRANULAR BACKFILL CY CLASS A CONCRETE CY	SUMMARY OF QUANTITIES - ONE	ABUT	MENT 2
GRANULAR BACKFILL CY CLASS A CONCRETE CY REINFORCING STEEL LB 2 PILES, FURNISHED (HP 10 x 42) LF PILES, DRIVEN (HP 10 x 42) LF 6" PERFORATED PIPE UNDERDRAIN ROUND LF	ITEM	UNIT	TOTAL
CLASS A CONCRETE CY REINFORCING STEEL LB 2 PILES, FURNISHED (HP 10 x 42) LF PILES, DRIVEN (HP 10 x 42) LF 6" PERFORATED PIPE UNDERDRAIN ROUND LF	SUBSTRUCTURE EXCAVATION COMMON	CY	30.00
REINFORCING STEEL LB 2 PILES, FURNISHED (HP 10 x 42) LF PILES, DRIVEN (HP 10 x 42) LF 6" PERFORATED PIPE UNDERDRAIN ROUND LF	GRANULAR BACKFILL	CY	24.00
PILES, FURNISHED (HP 10 x 42) LF PILES, DRIVEN (HP 10 x 42) LF 6" PERFORATED PIPE UNDERDRAIN ROUND LF	CLASS A CONCRETE	CY	12.70
PILES, DRIVEN (HP 10 x 42) 6" PERFORATED PIPE UNDERDRAIN ROUND LF	REINFORCING STEEL	LB	2,070.00
6" PERFORATED PIPE UNDERDRAIN ROUND LF	PILES, FURNISHED (HP 10 x 42)	LF	
	PILES, DRIVEN (HP 10 x 42)	LF	
6" NON-PERF. PIPE UNDERDRAIN RND. LF	6" PERFORATED PIPE UNDERDRAIN ROUND	LF	27.00
	6" NON-PERF. PIPE UNDERDRAIN RND.	LF	

② EXCLUDES WINGS

<u>NOTES</u>

ABUTMENT WING CONCRETE SHALL NOT BE POURED UNTIL THE ABUTMENT DIAPHRAGMS OF THE SUPERSTRUCTURE AND THE DECK SLAB CONCRETE HAVE ATTAINED A STRENGTH OF 3,000 PSI.

ALL WT WING REINFORCING STEEL TIED TO BRIDGE SEAT REINFORCING STEEL MUST BE IN PLACE PRIOR TO POURING THE BRIDGE SEAT CONCRETE.

APPROVED BY	BRIDGE	ENGINEER	Hele J. Musch	DATE	10/16/08		
	0K		EPARTMENT OF TRANSPORT BRIDGE STANDARD (ENGLISH				
ABUTMENT DETAILS 55' THRU 100' ROLLED BEAMS 26' CLEAR ROADWAY - INTEGRAL - SKEWED 0°							
1999 STANDA	ARD SPEC	CIFICATIONS	CB26-I-SKO-AB	UT-RB-5510	00E		