

BILL OF REINFORCING STEEL - ONE ABUTMENT - 0° SKEW																						
BRIDGE LENGTH			70'-0"		80'-0"		90'-0"		100'-0"		110'-0"		120'-0"		130'-0"		140'-0"		150'-0"			
MARK	LOCATION	SHAPE	LENGTH	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	
B#1	ABUTMENT FOOTING LONGITUDINAL		26'-4"	7	492	7	492	7	492	7	492	7	492	7	492	7	492	7	492	7	492	
B#2	ABUTMENT FOOTING LONGITUDINAL		21'-4"	7	399	7	399	7	399	7	399	7	399	7	399	7	399	7	399	7	399	
5s1	ABUTMENT FOOTING HOOPS		11'-0"	39	447	39	447	39	447	39	447	40	459	40	459	40	459	39	447	36	413	
5p2	PAVING SUPPORT TRANSVERSE		9'-4"	20	195	20	195	20	195	20	195	20	195	20	195	20	195	20	195	20	195	
4p5	PAVING SUPPORT TRANSVERSE		1'-11"	20	26	20	26	20	26	20	26	20	26	20	26	20	26	20	26	20	26	
5p6	PAVING SUPPORT LONGITUDINAL		22'-8"	2	47	2	47	2	47	2	47	2	47	2	47	2	47	2	47	2	47	
5p7	PAVING SUPPORT LONGITUDINAL		20'-0"	2	42	2	42	2	42	2	42	2	42	2	42	2	42	2	42	2	42	
6+1	FOOTING TO SLAB DOWELS		3'-11"	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541	
#5U1	WING LONGITUDINAL		6'-8"	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83	
#2	PILE SPIRAL		38'-6"	6	39	6	39	6	39	6	39	7	45	7	45	7	45	8	51	9	58	
	SPIRAL SPACERS - L X X X X X 0.70		1'-10"	12	15	12	15	12	15	12	15	14	18	14	18	14	18	14	18	16	21	18
REINFORCING STEEL EPOXY COATED - TOTAL (LBS.)					2326		2326		2326		2326		2347		2347		2347		2344		2319	

MARK	LOCATION	SHAPE	BRIDGE LENGTH																
			70'-0"	80'-0"	90'-0"	100'-0"	110'-0"	120'-0"	130'-0"	140'-0"	150'-0"								
			LENGTH	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT
Rr1	ABUTMENT FOOTING LONGITUDINAL		27'-1"	7	506	7	506	7	506	7	506	7	506	7	506	7	506	7	506
Rr2	ABUTMENT FOOTING LONGITUDINAL		22'-0"	7	411	7	411	7	411	7	411	7	411	7	411	7	411	7	411
Ss1	ABUTMENT FOOTING HOOPS		11'-0"	36	413	36	413	36	413	36	413	36	413	36	413	40	459	40	459
Ss2	ABUTMENT FOOTING HOOPS		11'-3"	4	47	4	47	4	47	4	47	4	47	4	47	4	47	4	47
Sp2	PAVING SUPPORT TRANSVERSE		9'-4"	21	204	21	204	21	204	21	204	21	204	21	204	21	204	21	204
Ap5	PAVING SUPPORT TRANSVERSE		1'-11"	21	27	21	27	21	27	21	27	21	27	21	27	21	27	21	27
Sp6	PAVING SUPPORT LONGITUDINAL		23'-5"	2	49	2	49	2	49	2	49	2	49	2	49	2	49	2	49
Sp7	PAVING SUPPORT LONGITUDINAL		20'-8"	2	43	2	43	2	43	2	43	2	43	2	43	2	43	2	43
6+1	FOOTING TO SLAB DOWELS		3'-11"	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541
#5U1	WING LONGITUDINAL		6'-8"	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83
#2	PILE SPIRAL		38'-6"	7	45	7	45	7	45	7	45	7	45	7	45	9	58	9	58
	SPIRAL SPACERS - L x X x X x X x O.70		1'-10"	14	18	14	18	14	18	14	18	14	18	14	18	14	18	14	18
REINFORCING STEEL EPOXY COATED - TOTAL (LBS.)					2387		2387		2387		2387		2387		2387		2451		2451

BRIDGE LENGTH			70'-0"		80'-0"		90'-0"		100'-0"		110'-0"		120'-0"		130'-0"		140'-0"		150'-0"		
MARK	LOCATION	SHAPE	LENGTH	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT
8r1	ABUTMENT FOOTING LONGITUDINAL		29'-6"	7	551	7	551	7	551	7	551	7	551	7	551	7	551	7	551	7	551
8r2	ABUTMENT FOOTING LONGITUDINAL		24'-5"	7	456	7	456	7	456	7	456	7	456	7	456	7	456	7	456	7	456
5s1	ABUTMENT FOOTING HOOPS		11'-0"	42	482	42	482	42	482	42	482	42	482	42	482	40	459	40	459	40	459
5s2	ABUTMENT FOOTING HOOPS		11'-11"	4	50	4	50	4	50	4	50	4	50	4	50	4	50	4	50	4	50
5p2	PAVING SUPPORT TRANSVERSE		9'-4"	23	224	23	224	23	224	23	224	23	224	23	224	23	224	23	224	23	224
4p5	PAVING SUPPORT TRANSVERSE		1'-11"	23	29	23	29	23	29	23	29	23	29	23	29	23	29	23	29	23	29
5p6	PAVING SUPPORT LONGITUDINAL		25'-10"	2	54	2	54	2	54	2	54	2	54	2	54	2	54	2	54	2	54
5p7	PAVING SUPPORT LONGITUDINAL		23'-1"	2	48	2	48	2	48	2	48	2	48	2	48	2	48	2	48	2	48
6+1	FOOTING TO SLAB DOWELS		3'-11"	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541
85u1	WING LONGITUDINAL		6'-8"	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83
#2	PILE SPIRAL		38'-6"	7	45	7	45	7	45	7	45	7	45	7	45	9	58	9	58	9	58
	SPIRAL SPACERS - L x 1/2 x 1/2 x 1/2 x 0.70		1'-10"	14	18	14	18	14	18	14	18	14	18	14	18	14	18	14	18	14	18
REINFORCING STEEL EPOXY COATED - TOTAL (LBS.)					2581		2581		2581		2581		2581		2581		2576		2576		2576

MARK	LOCATION	SHAPE	BRIDGE LENGTH																		
			70'-0"	80'-0"	90'-0"	100'-0"	110'-0"	120'-0"	130'-0"	140'-0"	150'-0"										
			LENGTH	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT
B#1	ABUTMENT FOOTING LONGITUDINAL		34'-8"	7	648	7	648	7	648	7	648	7	648	7	648	7	648	7	648	7	648
B#2	ABUTMENT FOOTING LONGITUDINAL		29'-7"	7	553	7	553	7	553	7	553	7	553	7	553	7	553	7	553	7	553
S#1	ABUTMENT FOOTING HOOPS		11'-0"	56	642	56	642	54	620	54	620	50	574	50	574	55	631	52	597	52	597
S#2	ABUTMENT FOOTING HOOPS		13'-6"	4	56	4	56	4	56	4	56	4	56	4	56	4	56	4	56	4	56
S#2	PAVING SUPPORT TRANSVERSE		9'-4"	28	273	28	273	28	273	28	273	28	273	28	273	28	273	28	273	28	273
4P5	PAVING SUPPORT TRANSVERSE		1'-11"	28	36	28	36	28	36	28	36	28	36	28	36	28	36	28	36	28	36
S#6	PAVING SUPPORT LONGITUDINAL		31'-0"	2	65	2	65	2	65	2	65	2	65	2	65	2	65	2	65	2	65
S#7	PAVING SUPPORT LONGITUDINAL		28'-3"	2	59	2	59	2	59	2	59	2	59	2	59	2	59	2	59	2	59
6#1	FOOTING TO SLAB DOWELS		3'-11"	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541	92	541
#5U1	WING LONGITUDINAL		6'-8"	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83	12	83
#2	PILE SPIRAL		38'-6"	9	58	9	58	10	64	10	64	11	71	11	71	12	77	14	90	14	90
	SPIRAL SPACERS - L 1/2 X 7/8 X 1/2 X 0.70		1'-10"	18	23	18	23	20	26	20	26	22	28	22	28	24	31	28	36	28	36
REINFORCING STEEL EPOXY COATED - TOTAL (LBS.)				3037		3037		3024		3024		2987		2987		3053		3037		3037	

NOTE: THE PILE SPIRALS AND SPIRAL SPACERS ARE TO BE NON-COATED REINFORCING BUT MAY BE EPOXY COATED AT THE CONTRACTORS OPTION AND EXPENSE.

[illegible][illegible][illegible][illegible]

4p5

5p2

8r1

NOTE: DIMENSIONS ARE OUT TO OUT. D = PIN DIAMETER.

NOTE: DIMENSIONS ARE OUT TO OUT. D = PIN DIAMETER.

APPROVED BY BRIDGE ENGINEER
Maurice L. McQuinn



CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

J40-44-06