

CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
	2010		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

2 @ 16 x 9 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	ST in.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWI				Bars IW			Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF	
		SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	11.5	11	8	8	34.00	10	1	12	33.50	8	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	9.00	5	2	12	9.00	4	2	12	9.00	158	64	6	3.06	849
3	14	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	7	1	12	34.50	7	2	6	34.50	4	2	12	9.00	6	2	12	9.00	4	2	12	9.00	158	64	6	3.65	765
5	15	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	8	1	12	34.50	8	2	6	34.50	4	2	12	9.00	6	2	12	9.00	4	2	12	9.00	192	0	6	3.86	814
10	18	18	8	8	34.00	9	2	6	33.50	6	2	6	33.50	6	2	6	34.50	8	2	6	34.50	4	2	12	9.00	6	4	6	9.00	4	2	12	9.00	192	0	6	4.50	903
20	19	19	9	8	34.17	4	2	12	16.66	10	2	6	33.67	10	2	6	34.67	4	2	12	16.66	4	2	12	9.00	7	4	6	9.00	5	2	12	9.00	192	0	6	4.79	945
30	26	27	11	8	34.50	4	2	12	16.66	9	2	6	34.00	9	2	6	35.00	4	2	12	16.66	4	2	12	9.00	6	4	6	9.00	4	4	6	9.00	192	0	6	6.56	812
40	32	33	13	8	34.83	4	2	12	16.66	9	2	6	34.33	9	2	6	35.33	4	2	12	16.66	4	2	12	9.00	6	4	6	9.00	7	2	12	9.00	192	0	6	8.03	829
50	37	38	14	8	35.00	4	2	12	16.66	10	2	6	34.50	10	2	6	35.50	4	2	12	16.66	4	2	12	9.00	7	2	12	9.00	8	2	12	9.00	196	0	6	9.22	955
60	41	42	16	8	35.33	4	2	12	16.66	10	2	6	34.83	10	2	6	35.83	4	2	12	16.66	4	2	12	9.00	6	2	12	9.00	6	4	6	9.00	196	0	6	10.29	957

2 @ 16 x 10 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	ST in.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWI				Bars IW			Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF	
		SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	11.5	11	8	8	34.00	10	1	12	33.50	8	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	10.00	6	2	12	10.00	4	2	12	10.00	164	64	6	3.14	867
3	14	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	7	1	12	34.50	7	2	6	34.50	4	2	12	10.00	5	4	6	10.00	4	2	12	10.00	164	64	6	3.72	786
5	15	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	8	1	12	34.50	8	2	6	34.50	4	2	12	10.00	7	2	12	10.00	4	2	12	10.00	198	0	6	3.94	835
10	18	18	8	8	34.00	9	2	6	33.50	6	2	6	33.50	6	2	6	34.50	8	2	6	34.50	4	2	12	10.00	7	4	6	10.00	4	2	12	10.00	198	0	6	4.57	937
20	19	19	10	8	34.33	4	2	12	16.66	10	2	6	33.83	10	2	6	34.83	4	2	12	16.66	4	2	12	10.00	7	4	6	10.00	5	2	12	10.00	198	0	6	4.95	964
30	26	27	12	8	34.67	4	2	12	16.66	9	2	6	34.17	9	2	6	35.17	4	2	12	16.66	4	2	12	10.00	7	4	6	10.00	4	4	6	10.00	198	0	6	6.74	850
40	32	33	14	8	35.00	4	2	12	16.66	9	2	6	34.50	9	2	6	35.50	4	2	12	16.66	4	2	12	10.00	6	4	6	10.00	7	2	12	10.00	202	0	6	8.23	850
50	37	38	16	8	35.33	4	2	12	16.66	10	2	6	34.83	10	2	6	35.83	4	2	12	16.66	4	2	12	10.00	6	4	6	10.00	8	2	12	10.00	202	0	6	9.53	995
60	41	42	17	8	35.50	4	2	12	16.66	10	2	6	35.00	10	2	6	36.00	4	2	12	16.66	4	2	12	10.00	6	4	6	10.00	6	4	6	10.00	202	0	6	10.52	1004

2 @ 16 x 11 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	ST in.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWI				Bars IW			Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF	
		SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	11.5	11	8	8	34.00	10	1	12	33.50	8	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	11.00	6	2	12	11.00	4	2	12	11.00	170	64	6	3.21	877
3	14	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	11.00	7	2	12	11.00	4	2	12	11.00	170	64	6	3.80	839
5	15	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	8	1	12	34.50	8	2	6	34.50	4	2	12	11.00	7	4	6	11.00	4	2	12	11.00	204	0	6	4.01	891
10	18	18	9	8	34.17	9	2	6	33.67	6	2	6	33.67	6	2	6	34.67	8	2	6	34.67	4	2	12	11.00	7	4	6	11.00	4	2	12	11.00	204	0	6	4.73	955
20	19	19	11	8	34.50	4	2	12	16.66	10	2	6	34.00	10	2	6	35.00	4	2	12	16.66	4	2	12	11.00	7	4	6	11.00	5	2	12	11.00	204	0	6	5.12	982
30	26	27	13	8	34.83	4	2	12	16.66	9	2	6	34.33	9	2	6	35.33	4	2	12	16.66	4	2	12	11.00	7	4	6	11.00	4	4	6	11.00	204	0	6	6.94	869
40	32	33	15	8	35.17	4	2	12	16.66	9	2	6	34.67	9	2	6	35.67	4	2	12	16.66	4	2	12	11.00	7	4	6	11.00	7	2	12	11.00	208	0	6	8.45	891
50	37	38	17	8	35.50	4	2	12	16.66	10	2	6	35.00	10	2	6	36.00	4	2	12	16.66	4	2	12	11.00	7	4	6	11.00	8	2	12	11.00	208	0	6	9.76	1038
60	41	42	19	9	35.92	4	2	12	16.66	10	2	6	35.42	10	2	6	36.42	4	2	12	16.66	4	2	12	11.00	6	4	6	11.00	5	4	6	11.00	208	0	6	10.93	1008

2 @ 16 x 12 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	ST in.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWI				Bars IW			Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF	
		SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	11.5	11	8	8	34.00	10	1	12	33.50	8	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	12.00	7	2	12	12.00	5	2	12	12.00	176	64	6	3.28	908
3	14	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	7	1	12	34.50	8	2	6	34.50	4	2	12	12.00	7	4	6	12.00	5	2	12	12.00	176	64	6	3.87	908
5	15	15	9	8	34.17	11	1	12	33.67	6	2	6	33.67	8	1	12	34.67	8	2	6	34.67	4	2	12	12.00	7	4	6	12.00	5	2	12	12.00	210	0	6	4.17	917
10	18	18	10	8	34.33	9	2	6	33.83	6	2	6	33.83	6	2	6	34.83	9	2	6	34.83	4	2	12	12.00	8	4	6	12.00	5	2	12	12.00	210	0	6	4.91	1063
20	19	19	12	8	34.67	4	2	12	16.66	10	2	6	34.17	10	2	6	35.17	4	2	12	16.66	4	2	12	12.00	8	4	6	12.00	5	2	12	12.00	210	0	6	5.31	1031
30	26	27	15	8	35.17	4	2	12	16.66	9	2	6	34.67	9	2	6	35.67	4	2	12	16.66	4	2	12	12.00	7	4	6	12.00	4	4	6	12.00	214	0	6	7.24	892
40	32	33	17	8	35.50	4	2	12	16.66	9	2	6	35.00	9	2	6	36.00	4	2	12	16.66	4	2	12	12.00	7	4	6	12.00	7	2	12	12.00	214	0	6	8.78	914
50	37	38	19	8	35.83	4	2	12	16.66	10	2	6	35.33	10	2	6	36.33	4	2	12	16.66	4	2	12	12.00	7												