

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

3 @ 10 x 7 REINFORCED CONCRETE BOX BRIDGE																																						
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EW				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST	SB	WT	IT	BW	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	No.	No.	No.						
No Fill	11.5	11	8	8	32.67	6	2	6	32.17	6	2	6	32.17	6	1	12	33.17	6	1	12	33.17	4	2	12	7.00	5	2	12	7.00	4	4	12	7.00	154	30	8	2.99	577
3	13	13	8	8	32.67	9	1	12	32.17	6	2	6	32.17	6	1	12	33.17	7	1	12	33.17	4	2	12	7.00	5	2	12	7.00	4	4	12	7.00	154	30	8	3.35	607
5	12	12	8	8	32.67	6	2	6	32.17	6	2	6	32.17	5	2	6	33.17	6	2	6	33.17	4	2	12	7.00	5	2	12	7.00	4	4	12	7.00	186	0	8	3.15	636
10	13	13	8	8	32.67	6	2	6	32.17	5	2	6	32.17	7	1	12	33.17	8	1	12	33.17	4	2	12	7.00	6	2	12	7.00	4	4	12	7.00	186	0	8	3.35	600
20	12	13	8	8	32.67	4	3	12	10.66	8	2	6	32.17	11	1	12	33.17	4	3	12	10.66	4	2	12	7.00	6	4	6	7.00	4	4	12	7.00	186	0	8	3.25	692
30	18	18	9	8	32.83	4	3	12	10.66	7	2	6	32.33	7	2	6	33.33	4	3	12	10.66	4	2	12	7.00	6	4	6	7.00	4	4	12	7.00	186	0	8	4.44	612
40	22	22	11	8	33.17	4	3	12	10.66	7	2	6	32.67	10	1	12	33.67	4	3	12	10.66	4	2	12	7.00	5	4	6	7.00	5	4	12	7.00	190	0	8	5.39	623
50	25	25	12	8	33.33	4	3	12	10.66	8	2	6	32.83	11	1	12	33.83	4	3	12	10.66	4	2	12	7.00	6	4	6	7.00	4	8	6	7.00	190	0	8	6.09	699
60	29	29	13	8	33.50	4	3	12	10.66	8	2	6	33.00	11	1	12	34.00	4	3	12	10.66	4	2	12	7.00	6	2	12	7.00	4	8	6	7.00	190	0	8	6.99	701

3 @ 10 x 8 REINFORCED CONCRETE BOX BRIDGE																																						
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EW				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST	SB	WT	IT	BW	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	No.	No.	No.						
No Fill	11.5	11	8	8	32.67	6	2	6	32.17	6	2	6	32.17	6	1	12	33.17	6	1	12	33.17	4	2	12	8.00	5	2	12	8.00	4	4	12	8.00	162	30	8	3.09	588
3	13	13	8	8	32.67	9	1	12	32.17	6	2	6	32.17	7	1	12	33.17	7	1	12	33.17	4	2	12	8.00	5	2	12	8.00	4	4	12	8.00	162	30	8	3.45	619
5	12	12	8	8	32.67	6	2	6	32.17	6	2	6	32.17	7	1	12	33.17	5	2	6	33.17	4	2	12	8.00	5	2	12	8.00	4	4	12	8.00	194	0	8	3.25	615
10	13	13	8	8	32.67	6	2	6	32.17	5	2	6	32.17	7	1	12	33.17	8	1	12	33.17	4	2	12	8.00	5	4	6	8.00	4	4	12	8.00	194	0	8	3.45	622
20	12	13	9	8	32.83	4	3	12	10.66	8	2	6	32.33	11	1	12	33.33	4	3	12	10.66	4	2	12	8.00	6	4	6	8.00	4	4	12	8.00	194	0	8	3.41	709
30	18	18	11	8	33.17	4	3	12	10.66	7	2	6	32.67	7	2	6	33.67	4	3	12	10.66	4	2	12	8.00	7	2	12	8.00	4	4	12	8.00	198	0	8	4.68	618
40	22	22	12	8	33.33	4	3	12	10.66	7	2	6	32.83	10	1	12	33.83	4	3	12	10.66	4	2	12	8.00	6	4	6	8.00	5	4	12	8.00	198	0	8	5.58	654
50	25	25	13	8	33.50	4	3	12	10.66	8	2	6	33.00	11	1	12	34.00	4	3	12	10.66	4	2	12	8.00	6	4	6	8.00	4	8	6	8.00	198	0	8	6.28	740
60	29	29	15	8	33.83	4	3	12	10.66	8	2	6	33.33	11	1	12	34.33	4	3	12	10.66	4	2	12	8.00	6	4	6	8.00	4	8	6	8.00	198	0	8	7.28	729

3 @ 10 x 9 REINFORCED CONCRETE BOX BRIDGE																																						
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EW				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST	SB	WT	IT	BW	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	No.	No.	No.						
No Fill	11.5	11	8	8	32.67	6	2	6	32.17	6	2	6	32.17	6	1	12	33.17	6	1	12	33.17	4	2	12	9.00	5	2	12	9.00	4	4	12	9.00	174	30	8	3.19	602
3	13	13	8	8	32.67	9	1	12	32.17	6	2	6	32.17	6	1	12	33.17	7	1	12	33.17	4	2	12	9.00	6	2	12	9.00	4	4	12	9.00	174	30	8	3.55	641
5	12	12	8	8	32.67	6	2	6	32.17	6	2	6	32.17	7	1	12	33.17	5	2	6	33.17	4	2	12	9.00	5	4	6	9.00	4	4	12	9.00	206	0	8	3.35	648
10	13	13	8	8	32.67	6	2	6	32.17	5	2	6	32.17	7	1	12	33.17	8	1	12	33.17	4	2	12	9.00	6	4	6	9.00	4	4	12	9.00	206	0	8	3.55	655
20	12	13	10	8	33.00	4	3	12	10.67	8	2	6	32.50	11	1	12	33.50	4	3	12	10.67	4	2	12	9.00	6	4	6	9.00	4	4	12	9.00	210	0	8	3.59	732
30	18	18	12	8	33.33	4	3	12	10.67	7	2	6	32.83	10	1	12	33.83	4	3	12	10.67	4	2	12	9.00	6	4	6	9.00	4	4	12	9.00	210	0	8	4.87	660
40	22	22	13	8	33.50	4	3	12	10.67	7	2	6	33.00	10	1	12	34.00	4	3	12	10.67	4	2	12	9.00	6	4	6	9.00	5	4	12	9.00	210	0	8	5.78	675
50	25	25	15	8	33.83	4	3	12	10.67	8	2	6	33.33	11	1	12	34.33	4	3	12	10.67	4	2	12	9.00	6	4	6	9.00	4	8	6	9.00	210	0	8	6.58	764
60	29	29	16	8	34.00	4	3	12	10.67	8	2	6	33.50	11	1	12	34.50	4	3	12	10.67	4	2	12	9.00	6	4	6	9.00	6	4	12	9.00	214	0	8	7.51	775

3 @ 10 x 10 REINFORCED CONCRETE BOX BRIDGE																																						
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EW				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST	SB	WT	IT	BW	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	Size	No.	Spacing	Length	No.	No.	No.						
No Fill	11.5	11	8	8	32.67	6	2	6	32.17	6	2	6	32.17	6	1	12	33.17	6	1	12	33.17	4	2	12	10.00	6	2	12	10.00	4	4	12	10.00	182	30	8	3.29	623
3	13	13	8	8	32.67	9	1	12	32.17	6	2	6	32.17	7	1	12	33.17	7	1	12	33.17	4	2	12	10.00	5	4	6	10.00	4	4	12	10.00	182	30	8	3.65	665
5	12	12	8	8	32.67	6	2	6	32.17	6	2	6	32.17	7	1	12	33.17	6	2	6	33.17																	