

1 @ 6 x 3 REINFORCED CONCRETE BOX BRIDGE																																					
Maximum Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI		Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF						
	ST in.	SB in.	WT 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.	No.	No.	No.										
No Fill	8.5	8	8	7.33	4	1	12	6.83	6	2	6	6.83	6	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	33	12	4	0.54	133
3	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	33	12	4	0.53	137
5	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.53	119
10	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.53	123
20	8	9	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.56	142
30	11	13	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.73	137
40	14	15	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.85	137
50	16	17	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.94	137
60	17	18	8	7.33	4	1	12	6.83	6	2	6	6.83	6	2	6	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	3.00	4	2	12	3.00	40	0	4	0.99	142

1 @ 6 x 4 REINFORCED CONCRETE BOX BRIDGE																																					
Maximum Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI		Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF						
	ST in.	SB in.	WT 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.	No.	No.	No.										
No Fill	8.5	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	37	12	4	0.59	143
3	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	37	12	4	0.58	143
5	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	6	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.58	133
10	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.58	128
20	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.61	146
30	11	13	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.78	142
40	14	15	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.90	142
50	16	17	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	4.00	4	2	12	4.00	44	0	4	0.99	142
60	17	18	9	7.50	4	1	12	7.00	6	2	6	7.00	6	2	6	8.00	4	1	12	8.00	4	1	12	8.00	4	2	12	4.00	4	2	12	4.00	44	0	4	1.08	148

1 @ 6 x 5 REINFORCED CONCRETE BOX BRIDGE																																					
Maximum Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI		Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF						
	ST in.	SB in.	WT 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.	No.	No.	No.										
No Fill	8.5	8	8	7.33	4	1	12	6.83	6	2	12	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	41	12	4	0.54	148
3	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	41	12	4	0.53	148
5	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	48	0	4	0.53	133
10	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	48	0	4	0.53	133
20	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	48	0	4	0.58	149
30	11	13	8	7.33	4	1	12	6.83	8	1	12	6.83	8	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	5.00	4	2	12	5.00	48	0	4	0.58	149
40	14	15	9	7.50	4	1	12	7.00	8	1	12	7.00	8	1	12	8.00	4	1	12	8.00	5	2	12	8.00	4	2	12	5.00	4	2	12	5.00	48	0	4	0.99	152
50	16	17	10	7.67	4	1	12	7.16	8	1	12	7.16	8	1	12	8.16	4	1	12	8.16	4	2	12	8.16	4	2	12	5.00	4	2	12	5.00	48	0	4	1.14	149
60	17	18	10	7.67	4	1	12	7.16	2	6	6	7.16	6	2	6	8.16	4	1	12	8.16	5	2	12	8.16	5	2	12	5.00	5	2	12	5.00	48	0	4	1.19	158

1 @ 6 x 6 REINFORCED CONCRETE BOX BRIDGE																																					
Maximum Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI		Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF						
	ST in.	SB in.	WT 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.	No.	No.	No.										
No Fill	8.5	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	6.00	4	2	12	6.00	45	12	4	0.69	153
3	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	6.00	4	2	12	6.00	45	12	4	0.68	153
5	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	6.00	4	2	12	6.00	56	0	4	0.68	139
10	8	8	8	7.33	4	1	12	6.83	4	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	6.00	5	2	12	6.00	56	0	4	0.68	143
20	8	8	8	7.33	4	1	12	6.83	6	2	6	6.83	7	1	12	7.83	4	1	12	7.83	4	1	12	7.83	4	2	12	6.00	4	4	6	6.00	56	0	4	0.73	163
30	11	13	9	7.50	4	1	12	7.00	8	1	12	7.00	8	1	12	8.00	4	1	12	8.00	4	1	12	8.00	4	2	12	6.00	4	4	6	6.00	56	0	4	0.92	162
40	14	15	10	7.67	4	1	12	7.16	8	1	12	7.16	8	1	12	8.16	4	1	12	8.16	4	1	12	8.16	4	2	12	6.00	4	4	6	6.00	56	0	4	1.10	163
50	16	17																																			