

3 @ 6 x 3 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWM				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	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	9.5	9	8	8	20.67	7	1	12	20.17	7	1	12	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	86	36	8	1.50	361
3	10	10	8	8	20.67	5	2	6	20.17	6	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	86	36	8	1.60	366
5	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	1.47	306
10	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	5	2	6	21.17	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	1.47	322
20	8	9	8	8	20.67	4	3	12	6.66	6	2	6	20.17	6	2	6	21.17	4	3	12	6.66	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	1.41	347
30	11	13	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	1.87	340
40	14	15	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	2.19	340
50	16	17	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	3.00	5	2	12	3.00	4	4	12	3.00	106	0	8	2.45	340
60	17	18	8	8	20.67	4	3	12	6.66	7	2	6	20.17	6	2	6	21.17	4	3	12	6.66	4	2	12	3.00	5	2	12	3.00	5	4	12	3.00	106	0	8	2.58	373

3 @ 6 x 4 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWM				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	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	9.5	9	8	8	20.67	7	1	12	20.17	7	1	12	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	94	36	8	1.60	357
3	10	10	8	8	20.67	5	2	6	20.17	6	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	94	36	8	1.70	377
5	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	1.57	318
10	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	5	2	6	21.17	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	1.57	334
20	8	9	8	8	20.67	4	3	12	6.66	6	2	6	20.17	6	2	6	21.17	4	3	12	6.66	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	1.51	358
30	11	13	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	1.97	351
40	14	15	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	2.29	351
50	16	17	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	4.00	5	2	12	4.00	4	4	12	4.00	114	0	8	2.55	351
60	17	18	9	8	20.83	4	3	12	6.66	7	2	6	20.33	6	2	6	21.33	4	3	12	6.66	4	2	12	4.00	5	2	12	4.00	5	4	12	4.00	114	0	8	2.73	387

3 @ 6 x 5 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWM				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	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	9.5	9	8	8	20.67	7	1	12	20.17	7	1	12	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	102	36	8	1.70	368
3	10	10	8	8	20.67	5	2	6	20.17	6	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	102	36	8	1.80	389
5	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	122	0	8	1.67	329
10	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	5	2	6	21.17	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	122	0	8	1.67	345
20	8	10	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	122	0	8	1.67	363
30	11	13	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	5.00	6	2	12	5.00	4	4	12	5.00	122	0	8	2.06	367
40	14	15	9	8	20.83	4	3	12	6.66	6	2	6	20.33	8	1	12	21.33	4	3	12	6.66	4	2	12	5.00	6	2	12	5.00	4	4	12	5.00	122	0	8	2.44	368
50	16	17	10	8	21.00	4	3	12	6.66	6	2	6	20.50	8	1	12	21.50	4	3	12	6.66	4	2	12	5.00	5	2	12	5.00	4	4	12	5.00	122	0	8	2.75	364
60	17	18	10	8	21.00	4	3	12	6.66	7	2	6	20.50	6	2	6	21.50	4	3	12	6.66	4	2	12	5.00	6	2	12	5.00	5	4	12	5.00	122	0	8	2.88	406

3 @ 6 x 6 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bars EWM				Bars IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	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	9.5	9	8	8	20.67	7	1	12	20.17	7	1	12	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	6.00	5	2	12	6.00	4	4	12	6.00	110	36	8	1.80	380
3	10	10	8	8	20.67	5	2	6	20.17	6	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	6.00	5	2	12	6.00	4	4	12	6.00	110	36	8	1.90	400
5	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	4	2	6	21.17	4	2	12	6.00	5	2	12	6.00	4	4	12	6.00	134	0	8	1.77	343
10	9	9	8	8	20.67	4	2	6	20.17	4	2	6	20.17	4	2	6	21.17	5	2	6	21.17	4	2	12	6.00	5	2	12	6.00	4	4	12	6.00	134	0	8	1.77	359
20	8	10	8	8	20.67	4	3	12	6.66	6	2	6	20.17	8	1	12	21.17	4	3	12	6.66	4	2	12	6.00	5	4	6	6.00	4	4	12	6.00	134	0			