

**2 @ 6 x 3 REINFORCED CONCRETE SLAB BRIDGE**

Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				Bars IW				Bars LNT	Bars LND	Bars WS	Bars WF	Bars EWF	Bars IWF	Concrete CY/LF	Reinf. Steel LB/LF
	ST 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.								
No Fill	8.5	8	8	14.00	7	1	12	13.50	5	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	29	12	3	3	1.67	1.67	0.84	186
3	10	8	8	14.00	8	1	12	13.50	5	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	29	12	3	3	1.67	1.67	0.90	195
5	9	8	8	14.00	5	2	6	13.50	5	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	43	0	3	3	1.67	1.67	0.86	184
10	9	8	8	14.00	5	2	6	13.50	4	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	43	0	3	3	1.67	1.67	0.86	174
20	8	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	43	0	3	3	1.67	1.67	0.82	177
30	11	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	43	0	3	3	1.67	1.67	0.95	177
40	14	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	1.50	5	2	12	1.50	4	2	12	1.50	43	0	3	3	1.67	1.67	1.08	177
50	16	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	1.50	5	2	12	1.50	5	2	12	1.50	43	0	3	3	1.67	1.67	1.16	178
60	17	8	8	14.00	4	2	12	6.66	7	2	6	13.50	4	2	12	1.50	5	2	12	1.50	5	2	12	1.50	43	0	3	3	1.67	1.67	1.21	193

**2 @ 6 x 4 REINFORCED CONCRETE SLAB BRIDGE**

Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				Bars IW				Bars LNT	Bars LND	Bars WS	Bars WF	Bars EWF	Bars IWF	Concrete CY/LF	Reinf. Steel LB/LF
	ST 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.								
No Fill	8.5	8	8	14.00	7	1	12	13.50	5	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	35	12	3	3	1.67	1.67	0.91	195
3	10	8	8	14.00	8	1	12	13.50	5	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	35	12	3	3	1.67	1.67	0.98	203
5	9	8	8	14.00	5	2	6	13.50	5	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	49	0	3	3	1.67	1.67	0.94	192
8	9	8	8	14.00	5	2	6	13.50	4	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	49	0	3	3	1.67	1.67	0.94	182
20	8	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	49	0	3	3	1.67	1.67	0.89	186
30	11	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	49	0	3	3	1.67	1.67	1.02	186
40	14	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	2.50	5	2	12	2.50	4	2	12	2.50	49	0	3	3	1.67	1.67	1.15	187
50	16	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	2.50	5	2	12	2.50	5	2	12	2.50	49	0	3	3	1.67	1.67	1.24	187
60	17	8	8	14.00	4	2	12	6.66	7	2	6	13.50	4	2	12	2.50	5	2	12	2.50	5	2	12	2.50	49	0	3	3	1.67	1.67	1.28	202

**2 @ 6 x 5 REINFORCED CONCRETE SLAB BRIDGE**

Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				Bars IW				Bars LNT	Bars LND	Bars WS	Bars WF	Bars EWF	Bars IWF	Concrete CY/LF	Reinf. Steel LB/LF
	ST 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.								
No Fill	8.5	8	8	14.00	7	1	12	13.50	5	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	41	12	3	3	1.67	1.67	0.99	204
3	10	8	8	14.00	8	1	12	13.50	5	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	41	12	3	3	1.67	1.67	1.05	212
5	9	8	8	14.00	5	2	6	13.50	5	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	55	0	3	3	1.67	1.67	1.01	201
10	9	8	8	14.00	5	2	6	13.50	4	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	55	0	3	3	1.67	1.67	1.01	191
20	8	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	55	0	3	3	1.67	1.67	0.97	194
30	11	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	55	0	3	3	1.67	1.67	1.10	194
40	14	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	3.50	5	2	12	3.50	4	2	12	3.50	55	0	3	3	1.67	1.67	1.23	194
50	16	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	3.50	5	2	12	3.50	5	2	12	3.50	55	0	3	3	1.67	1.67	1.31	197
60	17	8	8	14.00	4	2	12	6.66	7	2	6	13.50	4	2	12	3.50	5	2	12	3.50	5	2	12	3.50	55	0	3	3	1.67	1.67	1.35	212

**2 @ 6 x 6 REINFORCED CONCRETE SLAB BRIDGE**

Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				Bars IW				Bars LNT	Bars LND	Bars WS	Bars WF	Bars EWF	Bars IWF	Concrete CY/LF	Reinf. Steel LB/LF
	ST 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.								
No Fill	8.5	8	8	14.00	7	1	12	13.50	5	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	47	12	3	3	1.67	1.67	1.06	213
3	10	8	8	14.00	8	1	12	13.50	5	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	47	12	3	3	1.67	1.67	1.13	221
5	9	8	8	14.00	5	2	6	13.50	5	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	61	0	3	3	1.67	1.67	1.08	210
10	9	8	8	14.00	5	2	6	13.50	4	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	61	0	3	3	1.67	1.67	1.08	200
20	8	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	61	0	3	3	1.67	1.67	1.04	203
30	11	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	4.50	5	2	12	4.50	4	2	12	4.50	61	0	3	3	1.67	1.67	1.17	203
40	14	8	8	14.00	4	2	12	6.66	6	2	6	13.50	4	2	12	4.50	6	2	12	4.50	4	2	12	4.50	61	0	3	3	1.67	1.67	1.30	207
50	16	9	8	14.17	4	2	12	6.66	6	2	6	13.67	4	2	12	4.50	5	2	12	4.50	5	2	12	4.50	61	0	3	3	1.75	1.67	1.43	207
60	17	10	8	14.33	4	2	12	6.66	7	2	6	13.83	4	2	12	4.50	5	2	12	4.50	5	2	12	4.50	61	0	3	3	1.83	1.67	1.52	223

Note: Maximum fill height is measured from the bottom of the top slab. To obtain the total fill height from the flow line, add the height of the box.  
 Note: When height of fill above the top slab is less than 1 foot, the top mat of reinforcing in the top slab shall be constructed with 2-1/2 inches of concrete cover.

The following bar