

**2 @ 14 x 8 REINFORCED CONCRETE BOX BRIDGE**

	Maximum Fill Height ft.	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	
		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.						
Continuous	No Fill	11.5	11	8	8	30.00	7	2	6	29.50	7	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	8.00	5	2	12	8.00	4	2	12	8.00	140	56	6	2.71	679
	3	14	14	8	8	30.00	7	2	6	29.50	7	2	6	29.50	7	1	12	30.50	9	1	12	30.50	4	2	12	8.00	5	2	12	8.00	4	2	12	8.00	140	56	6	3.23	656
	5	14	14	8	8	30.00	8	2	6	29.50	6	2	6	29.50	7	2	6	30.50	7	2	6	30.50	4	2	12	8.00	6	2	12	8.00	4	2	12	8.00	170	0	6	3.23	672
	10	17	17	8	8	30.00	8	2	6	29.50	6	2	6	29.50	8	1	12	30.50	11	1	12	30.50	4	2	12	8.00	5	4	6	8.00	4	2	12	8.00	170	0	6	3.79	738
Moment Break	20	17	9	8	30.17	4	2	12	14.66	9	2	6	29.67	9	2	6	30.67	4	2	12	14.66	4	2	12	8.00	7	2	12	8.00	4	2	12	8.00	170	0	6	3.86	697	
	30	23	24	10	8	30.33	4	2	12	14.66	9	2	6	29.83	9	2	6	30.83	4	2	12	14.66	4	2	12	8.00	7	2	12	8.00	5	2	12	8.00	170	0	6	5.17	705
	40	29	29	12	8	30.67	4	2	12	14.66	9	2	6	30.17	9	2	6	31.17	4	2	12	14.66	4	2	12	8.00	5	4	6	8.00	6	2	12	8.00	170	0	6	6.37	718
	50	33	33	13	8	30.83	4	2	12	14.66	9	2	6	30.33	9	2	6	31.33	4	2	12	14.66	4	2	12	8.00	5	4	6	8.00	7	2	12	8.00	170	0	6	7.22	729
	60	37	37	14	8	31.00	4	2	12	14.66	9	2	6	30.50	9	2	6	31.50	4	2	12	14.66	4	2	12	8.00	6	2	12	8.00	8	2	12	8.00	174	0	6	8.08	735

**2 @ 14 x 9 REINFORCED CONCRETE BOX BRIDGE**

	Maximum Fill Height ft.	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	
		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.						
Continuous	No Fill	11.5	11	8	8	30.00	7	2	6	29.50	7	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	9.00	5	2	12	9.00	4	2	12	9.00	146	56	6	2.78	687
	3	14	14	8	8	30.00	7	2	6	29.50	7	2	6	29.50	7	1	12	30.50	9	1	12	30.50	4	2	12	9.00	6	2	12	9.00	4	2	12	9.00	146	56	6	3.30	673
	5	14	14	8	8	30.00	8	2	6	29.50	6	2	6	29.50	7	2	6	30.50	7	2	6	30.50	4	2	12	9.00	6	2	12	9.00	4	2	12	9.00	176	0	6	3.30	682
	10	17	17	8	8	30.00	8	2	6	29.50	6	2	6	29.50	8	1	12	30.50	11	1	12	30.50	4	2	12	9.00	6	4	6	9.00	4	2	12	9.00	176	0	6	3.87	765
Moment Break	20	17	17	10	8	30.33	4	2	12	14.66	9	2	6	29.83	9	2	6	30.83	4	2	12	14.66	4	2	12	9.00	6	4	6	9.00	4	2	12	9.00	176	0	6	4.01	727
	30	23	24	11	8	30.50	4	2	12	14.66	9	2	6	30.00	9	2	6	31.00	4	2	12	14.66	4	2	12	9.00	6	4	6	9.00	5	2	12	9.00	176	0	6	5.33	737
	40	29	29	13	8	30.83	4	2	12	14.66	9	2	6	30.33	9	2	6	31.33	4	2	12	14.66	4	2	12	9.00	6	4	6	9.00	6	2	12	9.00	176	0	6	6.55	749
	50	33	34	14	8	31.00	4	2	12	14.66	9	2	6	30.50	9	2	6	31.50	4	2	12	14.66	4	2	12	9.00	6	4	6	9.00	7	2	12	9.00	180	0	6	7.52	764
	60	37	37	16	8	31.33	4	2	12	14.66	9	2	6	30.83	9	2	6	31.83	4	2	12	14.66	4	2	12	9.00	7	2	12	9.00	8	2	12	9.00	180	0	6	8.38	763

**2 @ 14 x 10 REINFORCED CONCRETE BOX BRIDGE**

	Maximum Fill Height ft.	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	
		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.						
Continuous	No Fill	11.5	11	8	8	30.00	7	2	6	29.50	7	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	10.00	5	2	12	10.00	4	2	12	10.00	152	56	6	2.86	726
	3	14	14	8	8	30.00	7	2	6	29.50	7	2	6	29.50	7	1	12	30.50	9	1	12	30.50	4	2	12	10.00	6	4	6	10.00	4	2	12	10.00	152	56	6	3.38	716
	5	14	14	8	8	30.00	8	2	6	29.50	6	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	10.00	6	4	6	10.00	4	2	12	10.00	182	0	6	3.38	723
	10	17	17	8	8	30.00	8	2	6	29.50	6	2	6	29.50	8	1	12	30.50	11	1	12	30.50	4	2	12	10.00	8	4	6	10.00	4	2	12	10.00	182	0	6	3.94	825
Moment Break	20	17	17	10	8	30.33	4	2	12	14.66	9	2	6	29.83	9	2	6	30.83	4	2	12	14.66	4	2	12	10.00	7	4	6	10.00	4	2	12	10.00	182	0	6	4.10	762
	30	23	24	12	8	30.67	4	2	12	14.66	9	2	6	30.17	9	2	6	31.17	4	2	12	14.66	4	2	12	10.00	7	4	6	10.00	5	2	12	10.00	182	0	6	5.51	774
	40	29	29	14	8	31.00	4	2	12	14.66	9	2	6	30.50	9	2	6	31.50	4	2	12	14.66	4	2	12	10.00	7	4	6	10.00	6	2	12	10.00	186	0	6	6.75	790
	50	33	34	16	8	31.33	4	2	12	14.66	9	2	6	30.83	9	2	6	31.83	4	2	12	14.66	4	2	12	10.00	6	4	6	10.00	7	2	12	10.00	186	0	6	7.82	784
	60	37	37	17	8	31.50	4	2	12	14.66	9	2	6	31.00	9	2	6	32.00	4	2	12	14.66	4	2	12	10.00	6	4	6	10.00	8	2	12	10.00	186	0	6	8.60	799

**2 @ 14 x 11 REINFORCED CONCRETE BOX BRIDGE**

	Maximum Fill Height ft.	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	
		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.						
Continuous	No Fill	11.5	11	8	8	30.00	7	2	6	29.50	7	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	11.00	6	2	12	11.00	4	2	12	11.00	158	56	6	2.93	715
	3	14	14	8	8	30.00	7	2	6	29.50	7	2	6	29.50	7	1	12	30.50	9	1	12	30.50	4	2	12	11.00	7	2	12	11.00	4	2	12	11.00	158	56	6	3.45	705
	5	14	14	8	8	30.00	8	2	6	29.50	6	2	6	29.50	5	2	6	30.50	7	2	6	30.50	4	2	12	11.00	7	4	6	11.00	4	2	12	11.00	188	0	6	3.45	759
	10	17	17	9	8	30.17	8	2	6	29.67	6	2	6	29.67	8	1	12	30.67	11	1	12	30.67	4	2	12	11.00	7	4	6	11.00	4	2	12	11.00	188	0	6	4.10	817
Moment Break	20	17	17	11	8	30.50																																	