

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

3 @ 14 x 8 REINFORCED CONCRETE BOX BRIDGE																																							
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar 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	10.5	8	8	8	44.66	7	2	6	44.16	6	2	6	44.16	6	1	12	45.16	7	1	12	45.16	4	2	12	8.00	4	2	12	8.00	4	4	12	8.00	196	44	8	3.36	797
	3	10	9	8	8	44.66	10	1	12	44.16	7	2	6	44.16	5	2	6	45.16	8	1	12	45.16	4	2	12	8.00	4	2	12	8.00	4	4	12	8.00	196	44	8	3.43	909
	5	10	10	8	8	44.66	10	1	12	44.16	6	2	6	44.16	8	1	12	45.16	9	1	12	45.16	4	2	12	8.00	5	2	12	8.00	4	4	12	8.00	240	0	8	3.57	912
	10	13	14	8	8	44.66	9	1	12	44.16	8	1	12	44.16	8	1	12	45.16	9	1	12	45.16	4	2	12	8.00	5	2	12	8.00	4	4	12	8.00	240	0	8	4.55	857
Moment Break	20	15	17	9	8	44.83	4	3	12	14.66	9	2	6	44.33	9	2	6	45.33	4	3	12	14.66	4	2	12	8.00	6	2	12	8.00	4	4	12	8.00	240	0	8	5.31	991
	30	22	24	10	8	45.00	4	3	12	14.66	9	2	6	44.50	9	2	6	45.50	4	3	12	14.66	4	2	12	8.00	6	2	12	8.00	5	4	12	8.00	244	0	8	7.35	1008
	40	28	29	12	8	45.33	4	3	12	14.66	9	2	6	44.83	9	2	6	45.83	4	3	12	14.66	4	2	12	8.00	4	4	6	8.00	4	8	6	8.00	244	0	8	9.05	1019
	50	32	33	13	8	45.50	4	3	12	14.66	9	2	6	45.00	9	2	6	46.00	4	3	12	14.66	4	2	12	8.00	4	4	6	8.00	7	4	12	8.00	244	0	8	10.26	1044
	60	36	37	14	8	45.66	4	3	12	14.66	9	2	6	45.16	9	2	6	46.16	4	3	12	14.66	4	2	12	8.00	5	2	12	8.00	7	4	12	8.00	244	0	8	11.48	1042

3 @ 14 x 9 REINFORCED CONCRETE BOX BRIDGE																																							
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar 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	10.5	8	8	8	44.67	7	2	6	44.16	6	2	6	44.16	6	1	12	45.16	7	1	12	45.16	4	2	12	9.00	4	2	12	9.00	4	4	12	9.00	204	42	8	3.46	808
	3	10	9	8	8	44.67	10	1	12	44.16	7	2	6	44.16	5	2	6	45.16	6	2	6	45.16	4	2	12	9.00	5	2	12	9.00	4	4	12	9.00	204	42	8	3.53	942
	5	10	10	8	8	44.67	10	1	12	44.16	6	2	6	44.16	8	1	12	45.16	9	1	12	45.16	4	2	12	9.00	5	2	12	9.00	4	4	12	9.00	248	0	8	3.67	924
	10	13	14	8	8	44.67	9	1	12	44.15	8	1	12	44.15	8	1	12	45.15	9	1	12	45.15	4	2	12	9.00	7	2	12	9.00	4	4	12	9.00	248	0	8	4.65	887
Moment Break	20	15	17	10	8	45.00	4	3	12	14.66	9	2	6	44.50	9	2	6	45.50	4	3	12	14.66	4	2	12	9.00	7	2	12	9.00	4	4	12	9.00	252	0	8	5.49	1018
	30	22	24	11	8	45.17	4	3	12	14.66	9	2	6	44.66	9	2	6	46.66	4	3	12	14.66	4	2	12	9.00	7	2	12	9.00	5	4	12	9.00	252	0	8	7.54	1034
	40	28	29	13	8	45.50	4	3	12	14.66	9	2	6	45.00	9	2	6	46.00	4	3	12	14.66	4	2	12	9.00	7	2	12	9.00	4	8	6	9.00	252	0	8	9.26	1049
	50	32	34	14	8	45.67	4	3	12	14.66	9	2	6	45.16	9	2	6	46.16	4	3	12	14.66	4	2	12	9.00	7	2	12	9.00	7	4	12	9.00	252	0	8	10.62	1076
	60	36	37	16	8	46.00	4	3	12	14.66	9	2	6	45.50	9	2	6	46.50	4	3	12	14.66	4	2	12	9.00	6	2	12	9.00	7	4	12	9.00	256	0	8	11.81	1074

3 @ 14 x 10 REINFORCED CONCRETE BOX BRIDGE																																							
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar 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	10.5	8	8	8	44.67	7	2	6	44.16	6	2	6	44.16	7	1	12	45.16	7	1	12	45.16	4	2	12	10.00	5	2	12	10.00	4	4	12	10.00	212	42	8	3.56	850
	3	10	9	8	8	44.67	10	1	12	44.16	7	2	6	44.16	8	1	12	45.16	6	2	6	45.16	4	2	12	10.00	4	4	6	10.00	4	4	12	10.00	212	42	8	3.63	985
	5	10	10	8	8	44.67	10	1	12	44.16	6	2	6	44.16	8	1	12	45.16	4	2	6	45.16	4	2	12	10.00	7	2	12	10.00	4	4	12	10.00	256	0	8	3.77	955
	10	13	14	8	8	44.67	9	1	12	44.15	8	1	12	44.15	8	1	12	45.15	9	1	12	45.15	4	2	12	10.00	6	4	6	10.00	4	4	12	10.00	256	0	8	4.75	920
Moment Break	20	15	17	10	8	45.00	4	3	12	14.66	9	2	6	44.50	9	2	6	45.50	4	3	12	14.66	4	2	12	10.00	8	2	12	10.00	4	4	12	10.00	260	0	8	5.60	1045
	30	22	24	12	8	45.33	4	3	12	14.66	9	2	6	44.83	9	2	6	45.83	4	3	12	14.66	4	2	12	10.00	8	2	12	10.00	5	4	12	10.00	260	0	8	7.74	1064
	40	28	29	14	8	46.67	4	3	12	14.66	9	2	6	45.16	9	2	6	46.16	4	3	12	14.66	4	2	12	10.00	8	2	12	10.00	4	8	6	10.00	260	0	8	9.48	1080
	50	32	34	16	8	46.00	4	3	12	14.66	9	2	6	45.50	9	2	6	46.50	4	3	12	14.66	4	2	12	10.00	5	4	6	10.00	7	4	12	10.00	264	0	8	10.95	1103
	60	36	37	17	8	46.17	4	3	12	14.66	9	2	6	45.66	9	2	6	46.66	4	3	12	14.66	4	2	12	10.00	7	2	12	10.00	7	4	12	10.00	264	0	8	12.05	1105

3 @ 14 x 11 REINFORCED CONCRETE BOX BRIDGE																																							
Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar 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	10.5	8	8	8	44.67	7	2	6	44.16	6	2	6	44.16	7	1	12	45.16	7	1	12	45.16	4	2	12	11.00	5	2	12	11.00	4	4	12	11.00	220	42	8	3.66	862
	3	10	9	8	8	44.67	10	1	12	44.16	7	2	6	44.16	8	1	12	45.16	6	2	6	45.16	4	2	12	11.00	6	2	12	11.00	4	4	12	11.00	220	42	8	3.73	1001
	5	10	10	8	8	44.67	10	1	12	44.16	6	2	6	44.16	8	1	12	45.16	7	2	6	45.16	4	2	12	11.00	8	2	12	11.00	4								