

CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
2010			
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

2 @ 18 x 15 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.						
No Fill	12.5	12	9	8	38.17	7	2	6	37.67	8	2	6	37.67	6	2	6	38.67	8	2	6	38.67	4	2	12	15.00	8	4	6	15.00	7	2	12	15.00	206	72	6	4.13	1185
3	15	15	10	8	38.33	11	1	12	37.83	7	2	6	37.83	8	1	12	38.83	8	2	6	38.83	4	2	12	15.00	8	4	6	15.00	7	2	12	15.00	206	72	6	4.89	1174
5	16	16	10	8	38.33	8	2	6	37.83	7	2	6	37.83	8	1	12	38.83	8	2	6	38.83	4	2	12	15.00	9	4	6	15.00	7	2	12	15.00	244	0	6	5.13	1196
10	20	20	12	8	38.67	9	2	6	38.17	7	2	6	38.17	9	1	12	39.17	9	2	6	39.17	4	2	12	15.00	9	4	6	15.00	7	2	12	15.00	244	0	6	6.32	1344
20	20	22	15	8	39.17	4	2	12	18.66	11	2	6	38.67	10	2	6	38.67	4	2	12	18.66	4	2	12	15.00	9	4	6	15.00	7	2	12	15.00	248	0	6	6.90	1333
30	29	30	18	9	39.75	4	2	12	18.66	10	2	6	40.25	10	2	6	40.25	4	2	12	18.66	4	2	12	15.00	8	4	6	15.00	5	4	6	15.00	248	0	6	9.41	1223
40	36	37	21	9	40.25	4	2	12	18.66	10	2	6	39.75	10	2	6	40.75	4	2	12	18.66	4	2	12	15.00	8	4	6	15.00	6	4	6	15.00	252	0	6	11.54	1261
50	41	43	23	10	40.67	4	2	12	18.66	10	2	6	40.17	10	2	6	41.17	4	2	12	18.66	4	2	12	15.00	8	4	6	15.00	5	4	6	15.00	252	0	6	13.27	1241
60	46	47	26	11	41.25	4	2	12	18.66	10	2	6	40.75	10	2	6	41.75	4	2	12	18.66	4	2	12	15.00	8	4	6	15.00	5	4	6	15.00	256	0	6	14.90	1254

2 @ 18 x 16 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.						
No Fill	12.5	12	10	8	38.33	7	2	6	37.83	8	2	6	37.83	6	2	6	38.83	8	2	6	38.83	4	2	12	16.00	8	4	6	16.00	8	2	12	16.00	212	72	6	4.32	1228
3	15	15	10	8	38.33	11	1	12	37.83	7	2	6	37.83	8	1	12	38.83	8	2	6	38.83	4	2	12	16.00	9	4	6	16.00	8	2	12	16.00	212	72	6	4.98	1261
5	16	16	11	8	38.50	8	2	6	38.00	7	2	6	38.00	6	2	6	39.00	9	2	6	39.00	4	2	12	16.00	9	4	6	16.00	8	2	12	16.00	250	0	6	5.33	1312
10	20	20	13	8	38.83	9	2	6	38.33	7	2	6	38.33	6	2	6	39.33	9	2	6	39.33	4	2	12	16.00	9	4	6	16.00	8	2	12	16.00	250	0	6	6.53	1390
20	20	22	16	9	39.42	4	2	12	18.66	11	2	6	38.92	10	2	6	39.92	4	2	12	18.66	4	2	12	16.00	9	4	6	16.00	6	2	12	16.00	254	0	6	7.20	1344
30	29	31	19	9	39.92	4	2	12	18.66	10	2	6	40.42	10	2	6	40.42	4	2	12	18.66	4	2	12	16.00	9	4	6	16.00	5	4	6	16.00	254	0	6	9.81	1292
40	36	37	22	10	40.50	4	2	12	18.66	10	2	6	40.00	10	2	6	41.00	4	2	12	18.66	4	2	12	16.00	8	4	6	16.00	5	4	6	16.00	258	0	6	11.91	1258
50	41	43	25	11	41.08	4	2	12	18.66	10	2	6	40.58	10	2	6	41.58	4	2	12	18.66	4	2	12	16.00	8	4	6	16.00	5	4	6	16.00	258	0	6	13.80	1268
60	46	48	27	11	41.42	4	2	12	18.66	10	2	6	40.92	10	2	6	41.92	4	2	12	18.66	4	2	12	16.00	8	4	6	16.00	6	4	6	16.00	262	0	6	15.37	1306

2 @ 18 x 17 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.						
No Fill	12.5	12	10	8	38.33	7	2	6	37.83	8	2	6	37.83	6	2	6	38.83	8	2	6	38.83	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	218	72	6	4.40	1311
3	15	15	11	8	38.50	11	1	12	38.00	7	2	6	38.00	8	1	12	39.00	8	2	6	39.00	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	218	72	6	5.19	1299
5	16	16	12	8	38.67	8	2	6	38.17	7	2	6	38.17	6	2	6	39.17	9	2	6	39.17	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	256	0	6	5.55	1351
10	20	20	14	8	39.00	9	2	6	38.50	7	2	6	38.50	6	2	6	39.50	9	2	6	39.50	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	260	0	6	6.77	1416
20	20	22	17	9	39.58	4	2	12	18.66	11	2	6	39.08	10	2	6	40.08	4	2	12	18.66	4	2	12	17.00	9	4	6	17.00	5	4	6	17.00	260	0	6	7.46	1389
30	29	31	21	9	40.25	4	2	12	18.66	10	2	6	39.75	10	2	6	40.75	4	2	12	18.66	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	264	0	6	10.23	1355
40	36	38	24	10	40.83	4	2	12	18.66	10	2	6	40.33	10	2	6	41.33	4	2	12	18.66	4	2	12	17.00	9	4	6	17.00	6	4	6	17.00	264	0	6	12.49	1365
50	41	43	27	11	41.42	4	2	12	18.66	10	2	6	40.92	10	2	6	41.92	4	2	12	18.66	4	2	12	17.00	9	4	6	17.00	5	4	6	17.00	268	0	6	14.28	1347
60	46	48	29	12	41.83	4	2	12	18.66	10	2	6	41.33	10	2	6	42.33	4	2	12	18.66	4	2	12	17.00	9	4	6	17.00	5	4	6	17.00	268	0	6	15.96	1354

2 @ 18 x 18 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.						
No Fill	12.5	12	11	9	38.58	7	2	6	38.08	8	2	6	38.08	6	2	6	39.08	9	2	6	39.08	4	2	12	18.00	9	4	6	18.00	6	4	6	18.00	224	72	6	4.68	1397
3	15	15	12	9	38.75	11	1	12	38.25	7	2	6	38.25	6	2	6	39.25	8	2	6	39.25	4	2	12	18.00	9	4	6	18.00	6	4	6	18.00	224	72	6	5.47	1342
5	16	16	12	9	38.75	8	2	6	38.25	7	2	6	38.25	6	2	6	39.25	9	2	6	39.25	4	2	12	18.00	10	4	6	18.00	6	4	6	18.00	262	0	6	5.71	1443
10	20	20	15	9	39.25	9	2	6	38.75	7	2	6	38.75	7	2	6	39.75	9	2	6	39.75	4	2	12	18.00	9	4	6	18.00	6	4	6	18.00	266	0	6	7.07	1489
20	20	22	18	9	39.75	4	2	12	18.75	11	2	6	39.25	10	2	6	40.25	4	2	12	18.75	4	2	12	18.00	10	4	6	18.00	6	4	6	18.00	266	0	6	7.72	1513
30	29	31	22	10	40.50	4	2	12	18.75																													