

2 @ 16 x 9 REINFORCED CONCRETE SLAB BRIDGE																																	
Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				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.									No.	No.	No.	No.	Length ft.
Continuous	No Fill	11.5	8	8	34.00	10	1	12	33.50	8	2	6	33.50	4	2	12	7.50	5	2	12	7.50	4	2	12	7.50	85	64	3	3	1.67	1.67	2.12	550
	3	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	4	2	12	7.50	5	2	12	7.50	4	2	12	7.50	85	64	3	3	1.67	1.67	2.39	501
	5	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	4	2	12	7.50	5	2	12	7.50	4	2	12	7.50	119	0	3	3	1.67	1.67	2.49	485
	10	18	8	8	34.00	9	2	6	33.50	6	2	6	33.50	4	2	12	7.50	5	2	12	7.50	4	2	12	7.50	119	0	3	3	1.67	1.67	2.81	542
Moment Break	20	19	8	8	34.00	4	2	12	16.66	10	2	6	33.50	4	2	12	7.50	7	2	12	7.50	5	2	12	7.50	119	0	3	3	1.67	1.67	2.91	538
	30	26	10	8	34.33	4	2	12	16.66	9	2	6	33.83	4	2	12	7.50	6	2	12	7.50	4	4	6	7.50	119	0	3	3	1.83	1.67	3.78	476
	40	32	11	8	34.50	4	2	12	16.66	9	2	6	34.00	4	2	12	7.50	6	2	12	7.50	7	2	12	7.50	119	0	3	3	1.92	1.67	4.49	488
	50	37	12	8	34.67	4	2	12	16.66	10	2	6	34.17	4	2	12	7.50	5	2	12	7.50	6	4	6	7.50	119	0	3	3	2.00	1.67	5.10	558
	50	37	12	8	34.67	4	2	12	16.66	10	2	6	34.17	4	2	12	7.50	5	2	12	7.50	6	4	6	7.50	119	0	3	3	2.00	1.67	5.10	558
	60	41	13	8	34.83	4	2	12	16.66	10	2	6	34.33	4	2	12	7.50	5	2	12	7.50	6	4	6	7.50	119	0	3	3	2.08	1.67	5.60	560

2 @ 16 x 10 REINFORCED CONCRETE SLAB BRIDGE																																	
Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				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.									No.	No.	No.	No.	Length ft.
Continuous	No Fill	11.5	8	8	34.00	10	1	12	33.50	8	2	6	33.50	4	2	12	8.50	5	2	12	8.50	4	2	12	8.50	91	64	3	3	1.67	1.67	2.20	558
	3	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	4	2	12	8.50	5	2	12	8.50	4	2	12	8.50	91	64	3	3	1.67	1.67	2.46	509
	5	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	4	2	12	8.50	5	4	6	9.50	4	2	12	8.50	125	0	3	3	1.67	1.67	2.56	502
	10	18	8	8	34.00	9	2	6	33.50	6	2	6	33.50	4	2	12	8.50	5	4	6	9.50	4	2	12	8.50	125	0	3	3	1.67	1.67	2.88	562
Moment Break	20	19	9	8	34.17	4	2	12	16.66	10	2	6	33.67	4	2	12	8.50	6	4	6	8.50	5	2	12	8.50	125	0	3	3	1.75	1.67	3.06	567
	30	26	11	8	34.50	4	2	12	16.66	9	2	6	34.00	4	2	12	8.50	7	2	12	8.50	4	4	6	8.50	125	0	3	3	1.92	1.67	3.94	498
	40	32	12	8	34.67	4	2	12	16.66	9	2	6	34.17	4	2	12	8.50	5	4	6	8.50	7	2	12	8.50	125	0	3	3	2.00	1.67	4.66	512
	50	37	14	8	35.00	4	2	12	16.66	10	2	6	34.50	4	2	12	8.50	6	4	6	8.50	6	4	6	8.50	127	0	3	3	2.17	1.67	5.36	584
	50	37	14	8	35.00	4	2	12	16.66	10	2	6	34.50	4	2	12	8.50	6	4	6	8.50	6	4	6	8.50	127	0	3	3	2.17	1.67	5.36	584
	60	41	15	8	35.17	4	2	12	16.66	10	2	6	34.67	4	2	12	8.50	6	2	12	8.50	6	2	12	8.50	127	0	3	3	2.25	1.67	5.87	586

2 @ 16 x 11 REINFORCED CONCRETE SLAB BRIDGE																																	
Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				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.									No.	No.	No.	No.	Length ft.
Continuous	No Fill	11.5	8	8	34.00	10	1	12	33.50	8	2	6	33.50	4	2	12	9.50	5	2	12	9.50	4	2	12	9.50	97	64	3	3	1.67	1.67	2.27	591
	3	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	4	2	12	9.50	6	2	12	9.50	4	2	12	9.50	97	64	3	3	1.67	1.67	2.53	551
	5	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	4	2	12	9.50	5	4	6	9.50	4	2	12	9.50	131	0	3	3	1.67	1.67	2.64	523
	10	18	8	8	34.00	9	2	6	33.50	6	2	6	33.50	4	2	12	9.50	7	4	6	9.50	4	2	12	9.50	131	0	3	3	1.67	1.67	2.95	610
Moment Break	20	19	10	8	34.33	4	2	12	16.66	10	2	6	33.83	4	2	12	9.50	7	4	6	9.50	5	2	12	9.50	131	0	3	3	1.83	1.67	3.21	603
	30	26	12	8	34.67	4	2	12	16.66	9	2	6	34.17	4	2	12	9.50	6	4	6	9.50	4	4	6	9.50	131	0	3	3	2.00	1.67	4.12	529
	40	32	13	8	34.83	4	2	12	16.66	9	2	6	34.33	4	2	12	9.50	6	4	6	9.50	7	2	12	9.50	131	0	3	3	2.08	1.67	4.84	544
	50	37	15	8	35.17	4	2	12	16.66	10	2	6	34.67	4	2	12	9.50	6	4	6	9.50	6	4	6	9.50	133	0	3	3	2.25	1.67	5.56	629
	50	37	15	8	35.17	4	2	12	16.66	10	2	6	34.67	4	2	12	9.50	6	4	6	9.50	6	4	6	9.50	133	0	3	3	2.25	1.67	5.56	629
	60	41	16	9	35.42	4	2	12	16.66	10	2	6	34.92	4	2	12	9.50	6	4	6	9.50	5	4	6	9.50	133	0	3	3	2.33	1.75	6.12	613

2 @ 16 x 12 REINFORCED CONCRETE SLAB BRIDGE																																	
Fill Height ft.	Dimensions				Bars TST				Bars TSB				Bars EWE				Bars EWI				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.									No.	No.	No.	No.	Length ft.
Continuous	No Fill	11.5	8	8	34.00	10	1	12	33.50	8	2	6	33.50	4	2	12	10.50	6	2	12	10.50	4	2	12	10.50	103	64	3	3	1.67	1.67	2.35	586
	3	14	8	8	34.00	7	2	6	33.50	7	2	6	33.50	4	2	12	10.50	5	4	6	10.50	4	2	12	10.50	103	64	3	3	1.67	1.67	2.61	549
	5	15	8	8	34.00	11	1	12	33.50	6	2	6	33.50	4	2	12	10.50	6	4	6	10.50	4	2	12	10.50	137	0	3	3	1.67	1.67	2.71	553
	10	18	9	8	34.17	9	2	6	33.67	6	2	6	33.67	4	2	12	10.50	7	4	6	10.50	4	2	12	10.50	137	0	3	3	1.75	1.67	3.11	627
Moment Break	20	19	11	8	34.50	4	2	12	16.66	10	2	6	34.00	4	2	12	10.50	7	4	6	10.50	5	2	12	10.50	137	0	3	3	1.92	1.67	3.38	620
	30	26	13	8	34.83	4	2	12	16.66	9	2	6	34.33	4	2	12	10.50	7	4	6	10.50	4	4	6	10.50	137	0	3	3	2.08	1.67	4.30	567
	40	32	15	8	35.17	4	2	12	16.66	9	2	6	34.67	4	2	12	10.50	6	4	6	10.50	7	2	12	10.50	139	0	3	3	2			