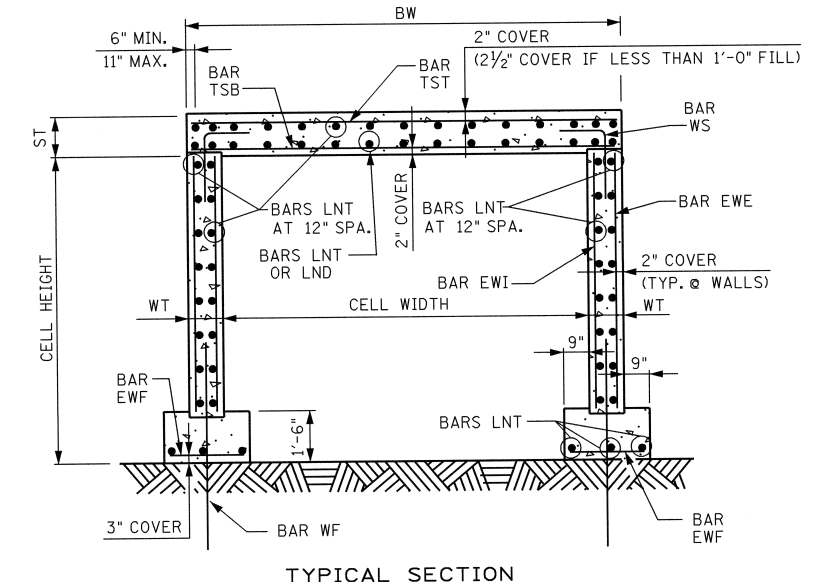


CONST. NO.			
PROJECT NO.	YEAR	SHEET NO.	
	2010		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

1 @ 12 x 4 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	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	WT 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 Fill	10.5	8	13.33	4	1	12	12.83	7	2	6	12.83	4	2	12	2.50	5	2	12	2.50	27	24	2	2	1.67	0.80	174
3	13	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	2.50	5	2	12	2.50	27	24	2	2	1.67	0.90	190
5	11	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	0.82	173
10	11	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	0.82	192
20	16	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	1.02	192
30	21	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	1.23	173
40	26	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	1.43	173
50	31	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	1.64	173
60	34	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	2.50	5	2	12	2.50	40	0	2	2	1.67	1.76	192

1 @ 12 x 5 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	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	WT 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 Fill	10.5	8	13.33	4	1	12	12.83	7	2	6	12.83	4	2	12	3.50	5	2	12	3.50	31	24	2	2	1.67	0.85	180
3	13	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	3.50	5	2	12	3.50	31	24	2	2	1.67	0.95	196
5	11	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	0.87	179
10	11	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	0.87	198
20	16	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	1.07	198
30	21	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	1.28	179
40	26	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	1.48	179
50	31	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	1.69	179
60	34	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	3.50	5	2	12	3.50	44	0	2	2	1.67	1.81	198

1 @ 12 x 6 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	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	WT 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 Fill	10.5	8	13.33	4	1	12	12.83	7	2	6	12.83	4	2	12	4.50	5	2	12	4.50	35	24	2	2	1.67	0.90	186
3	13	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	4.50	5	2	12	4.50	35	24	2	2	1.67	1.00	202
5	11	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	0.92	186
10	11	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	0.92	204
20	16	8	13.33	4	1	12	12.83	9	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	1.12	204
30	21	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	1.33	186
40	26	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	1.53	186
50	31	8	13.33	4	1	12	12.83	8	2	6	12.83	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.67	1.74	186
60	34	9	13.50	4	1	12	13.00	9	2	6	13.00	4	2	12	4.50	5	2	12	4.50	48	0	2	2	1.75	1.92	206



NOTE: FOR DESCRIPTIONS OF BOX DIMENSIONS AND REINFORCING BAR DESIGNATIONS SEE STANDARD DRAWING NO. STD-17-5.

Note: Maximum fill height shown in the table 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 information applies to all fill cases in the tables above:
 Bars LNT Size = 4 Spacing = 12 in.
 Bars LND Size = 5 Spacing = 6 in.
 Bars WS Size = 8 Length = 5.00 ft. Spacing = 12 in.
 Bars WF Size = 8 Length = 6.00 ft. Spacing = 12 in.
 Bars EWF Size = 4 No. = 2 Spacing = 12 in.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 STANDARD REINFORCED CONCRETE
 SLAB BRIDGE
 INTERIOR SECTION
 SPANS: 1 BARREL AT 12'-0"
 CLEAR HEIGHTS 4'-0" THRU 6'-0"
 0' THRU 60' FILL
 2010

DESIGNED BY	RLL/ALP	DATE	12-09
DRAWN BY	KEVIN MARTINKO	DATE	1-10
SUPERVISED BY	EPW/RLC	DATE	12-09
CHECKED BY	RLL/ALP	DATE	2-10

CORRECT Edward P. Wasserman
 ENGINEER OF STRUCTURES