

ELEVATION OF WING

HALF PLAN OF WING

SLOPE	WING and CURB REINFORCING (2 Headwalls)															DIMENSIONS and QUANTITIES (2 Headwalls)																	Std. Plan No. For Barrel		
	OPENING		Bars m		Bars n		Bars e		Bars d		Bars f		Bars g		Bars k		A		B		C		D		E		F		H		h			Quantities Both Ends Outside Line X-X	
	Clear Height Open		No. Total Open Clear		No. Length		Short Vari- ation		Long Bar		No. Each		Short Vari- ation		Long Bar		No. Length		No. Length		No. Length		No. Length		No. Length		No. Length		No. Length		No. Length			STEEL CONCRETE POUNDS CU. YDS.	
	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.		FT.	
2:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	6.24	C-C-13-15	
3:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	7.45	"	
4:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	8.41	"	
5:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	9.35	"	
6:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	10.32	"	
7:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	11.30	"	
8:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	12.28	"	
9:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	13.26	"	
10:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	14.24	"	
11:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	15.22	"	
12:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	16.20	"	
13:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	17.18	"	
14:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	18.16	"	
15:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	19.14	"	
16:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	20.12	"	
17:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	21.10	"	
18:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	22.08	"	
19:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	23.06	"	
20:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	24.04	"	
21:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	25.02	"	
22:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	26.00	"	
23:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	26.98	"	
24:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	27.96	"	
25:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	28.94	"	
26:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	29.92	"	
27:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	30.90	"	
28:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	31.88	"	
29:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	32.86	"	
30:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	33.84	"	
31:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	34.82	"	
32:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	35.80	"	
33:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	36.78	"	
34:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	37.76	"	
35:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	38.74	"	
36:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	39.72	"	
37:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	40.70	"	
38:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	41.68	"	
39:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	42.66	"	
40:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	43.64	"	
41:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	44.62	"	
42:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	45.60	"	
43:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	46.58	"	
44:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.54	1.0	4.0	1.0	1.0	1.0	1.0	47.56	"	
45:1	3	2	6	6	7.9	16	1.3	3.61	3.1	5.10	4	2.6	0.7	3.1	4	2.8	8	5.6	8	7.2	8	0	9.5	6	2.34	5.5									

NOTE: General Notes shown on
Standard Plan C-C-13/15 to
apply to this Detail. Except
Bars d2 and d3 to be spliced 20'

STANDARD PLAN
WING WALLS FOR MULTIPLE
CONCRETE BOX CULVERTS
SLOPE 2:1 3:1 and 4:1
6 FT. TO 48 FT. SPAN
3 FT. TO 8 FT. HEIGHT

LOUISIANA HIGHWAY COMMISSION

BATON ROUGE, LA. MAY 1936

DESIGNED <i>W.H.</i>	DETAILED <i>W.H.</i>	TRACED <i>Exp. cont.</i>
CHECKED <i>W.H.</i>	CHECKED <i>W.H.</i>	CHECKED <i>W.H.</i>

CHECKED _____ CHECKED *Spencer* CHECKED *11/27*
IN CHARGE OF *Charles A. Myers* BRIDGE DESIGNING ENGINEER

8

_____ 6654

C.C. 52-1