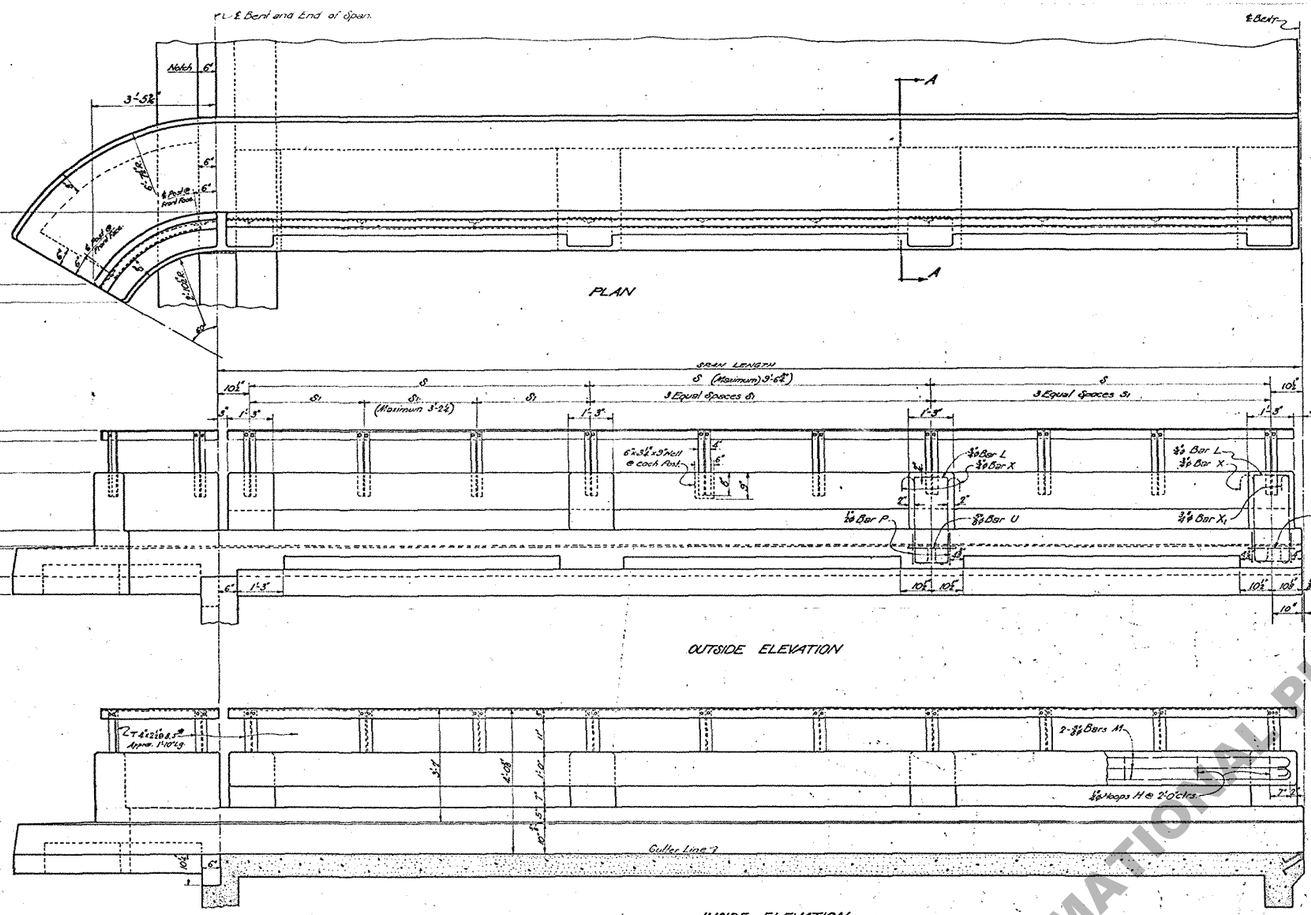

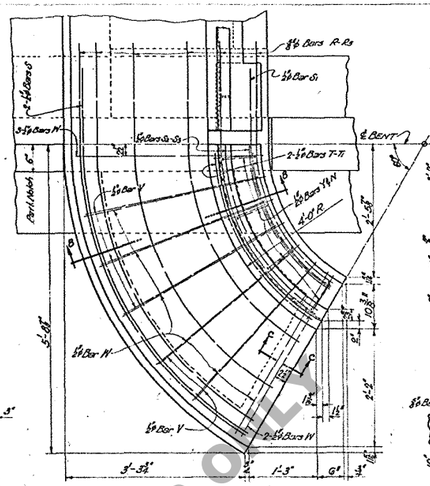

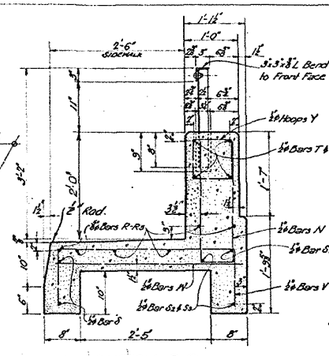

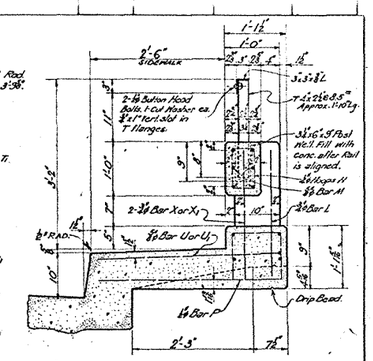

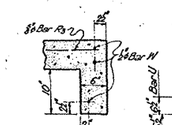

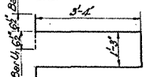

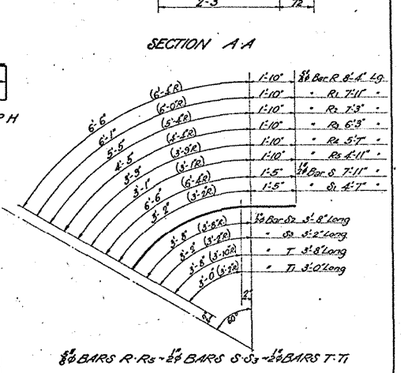

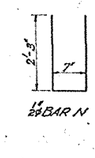

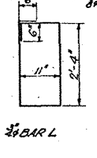

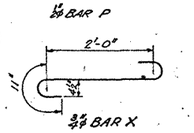

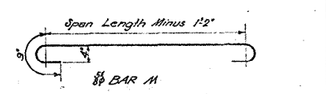

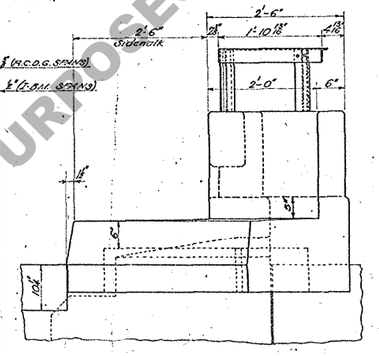

QUANTITIES FOR STANDARD PLAN S.C. (T-BEAM SPANS)

SPAN LENGTH	NO. CONC. POSTS	NO. STEEL POSTS	S	S1	END SPAN * REINF. STEEL LBS.	END SPAN * CLASS "A" CONC. CU. YDS.	END SPAN * BAR CARD. STEEL LBS.	INTERMEDIATE SPAN REINF. STEEL LBS.	INTERMEDIATE SPAN CLASS "A" CONC. CU. YDS.	INTERMEDIATE SPAN BAR CARD. STEEL LBS.
16	3	7	7'-1½	2'-4½	757	2.81	565	455	1.23	443
18	3	7	8'-1½	2'-8½	763	2.91	594	481	1.33	472
20	3	7	9'-1½	3'-0½	779	3.01	623	507	1.43	501
22	4	10	6'-9	2'-3	886	3.29	747	614	1.69	625
24	4	10	7'-5	2'-5⅝*	912	3.37	776	640	1.79	654
26	4	10	8'-1	2'-8⅝*	938	3.46	804	666	1.89	682
28	4	10	8'-9	2'-11	964	3.56	833	692	1.98	711
30	4	10	9'-5	3'-1⅝*	990	3.64	862	718	2.08	740
32	5	13	7'-6½	2'-6½	1097	3.92	985	825	2.34	863
34	5	13	8'-0⅜	2'-8½	1123	4.02	1014	851	2.44	892
36	5	13	8'-6½	2'-10½	1148	4.12	1043	876	2.54	921
38	5	13	9'-0⅜	3'-0½	1174	4.21	1072	902	2.64	950
40	5	13	9'-6½	3'-2½	1200	4.31	1101	928	2.73	979
42	6	16	8'-0⅝-	2'-8⅞*	1307	4.57	1223	1035	2.99	1101
44	6	16	8'-5⅝*	2'-9⅞*	1393	4.67	1251	1061	3.09	1129
46	6	16	8'-10⅜*	2'-11⅜*	1359	4.77	1280	1087	3.19	1158
48	6	16	9'-3	3'-1	1385	4.87	1309	1113	3.29	1187
50	7	19	8'-0½	2'-8⅝-	1492	5.12	1432	1220	3.54	1310
52	7	19	8'-4½	2'-9½	1518	5.22	1461	1246	3.64	1339
54	7	19	8'-8½	2'-10⅜-	1544	5.32	1490	1272	3.74	1368
56	7	19	9'-0½	3'-0⅜-	1570	5.42	1519	1298	3.85	1397
58	7	19	9'-4½	3'-1⅜	1597	5.52	1547	1325	3.94	1425
60	8	22	8'-3⅞-	2'-9⅞-	1703	5.77	1672	1431	4.19	1550
62	8	22	8'-7⅞-	2'-10⅞-	1729	5.87	1701	1457	4.29	1579
64	8	22	8'-10⅞*	2'-11⅞*	1755	5.97	1729	1483	4.39	1607
66	8	22	9'-2⅜*	3'-0⅜*	1781	6.07	1758	1509	4.49	1636
68	8	22	9'-5⅞*	3'-1⅞-	1807	6.17	1787	1535	4.59	1665
70	9	25	8'-6⅜	2'-10⅛	1914	6.43	1909	1642	4.85	1787
72	9	25	8'-9⅜	2'-11⅛	1940	6.52	1938	1668	4.94	1816
74	9	25	9'-0⅜	3'-0⅛	1966	6.62	1966	1694	5.04	1844
76	9	25	9'-3⅜	3'-1⅛	1992	6.72	1996	1720	5.14	1873
78	9	25	9'-6⅜	3'-2⅛	2018	6.82	2024	1746	5.24	1902
80	10	28	8'-8⅞*	2'-10⅜*	2124	7.08	2147	1852	5.50	2025

* Includes Bridge End Flares

QUANTITIES FOR STANDARD PLAN C-G (R.C. DECK GIRDER SPANS)

SPAN LENGTH	NO. CONC. POSTS	NO. STEEL POSTS	S	S1	END SPAN * REINF. STEEL LBS.	END SPAN * CLASS A CONCRETE CU. YDS.	END SPAN * BAR CARD. STEEL LBS.	INTERMEDIATE SPAN REINF. STEEL LBS.	INTERMEDIATE SPAN CLASS A CONCRETE CU. YDS.	INTERMEDIATE SPAN BAR CARD. STEEL LBS.
20	3	7	5'-1⅛	3'-0⅝	779	3.01	623	507	1.43	501
22	4	10	6'-9	2'-3	886	3.27	747	614	1.69	625
24	4	10	7'-5	2'-5⅝*	912	3.37	776	640	1.79	654
26	4	10	8'-1	2'-8⅝*	938	3.46	804	666	1.89	682
30	4	10	9'-5	3'-0⅝*	990	3.66	862	718	2.08	740
32	5	13	7'-6½	2'-6½	1097	3.92	985	825	2.34	863
34	5	13	8'-0⅜	2'-8½	1123	4.02	1014	851	2.44	892
36	5	13	8'-6½	2'-10½	1148	4.12	1043	876	2.54	921
38	5	13	9'-0⅜	3'-0½	1174	4.21	1072	902	2.64	950
40	5	13	9'-6½	3'-2½	1200	4.31	1101	928	2.73	979

*INCLUDES BRIDGE END FLARE.

BILL OF MATERIAL FOR ONE BRIDGE END FLARE

BAR	NO.	SIZE	UNIT LENGTH	TOTAL LENGTH	BAR	NO.	SIZE	UNIT LENGTH	TOTAL LENGTH
R	1	⅝	8'-4"	8'-4"	S1	1	⅝	4'-7"	4'-7"
R1	1	"	7'-11"	7'-11"	S2	1	"	3'-8"	3'-8"
R2	1	"	7'-3"	7'-3"	S3	1	"	3'-2"	3'-2"
R3	1	"	6'-3"	6'-3"	T	2	"	3'-8"	7'-4"
R4	1	"	5'-7"	5'-7"	T1	2	"	3'-0"	6'-0"
R5	1	"	4'-11"	4'-11"	V	6	"	5'-5"	27'-1"
					W	11	"	3'-5"	37'-7"
					Y	4	"	3'-6"	14'-0"
TOTAL ⅝ BARS 20'-3" = 42 Pounds									
N	4	⅝	5'-1"	20'-4"					
S	2	⅝	7'-11"	15'-10"	TOTAL ⅝ BARS 140'-3"=91 Lbs.				
TOTAL REINFORCING STEEL = 136 Lbs.									
TOTAL CLASS "A" CONCRETE = 80 Cu.Yds.									
TOTAL FABRICATED CARBON STEEL = 61 Lbs.									

GENERAL NOTES:-
Construction Specs. as last Approved by La. Hwy. Dept. Std. Specs.
Design Specifications A.A.S.H.O. 1941.
All concrete to be Class "A".
All structural steel to be Fabricated Carbon.
Dimensions to Reinforcing Steel are to bar centers.
Exposed concrete corners to have ¾" chamfer.
Concrete rail and concrete posts to be poured in one operation.
No paint will be required on portion of steel "T" posts embedded in concrete.
Steel "T" post rails to be filled with concrete after rail is aligned.

STANDARD PLAN

TYPE "G" HANDRAIL and BRIDGE END FLARE TO BE USED WITH SIDEWALKS

DATED: December ... 1944

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	Wolf & Crump	DETAILED	Wolf & Crump	TRACED	Deane
CHECKED	Huey	CHECKED	Huey	CHECKED	Huey
IN CHARGE OF					

Head Bridge Department

NO.	DESCRIPTION	BY	DATE
11-24-48	H.R. Flare		7-24-52
1-46	Gen. Notes		

REVISIONS

C-24-109