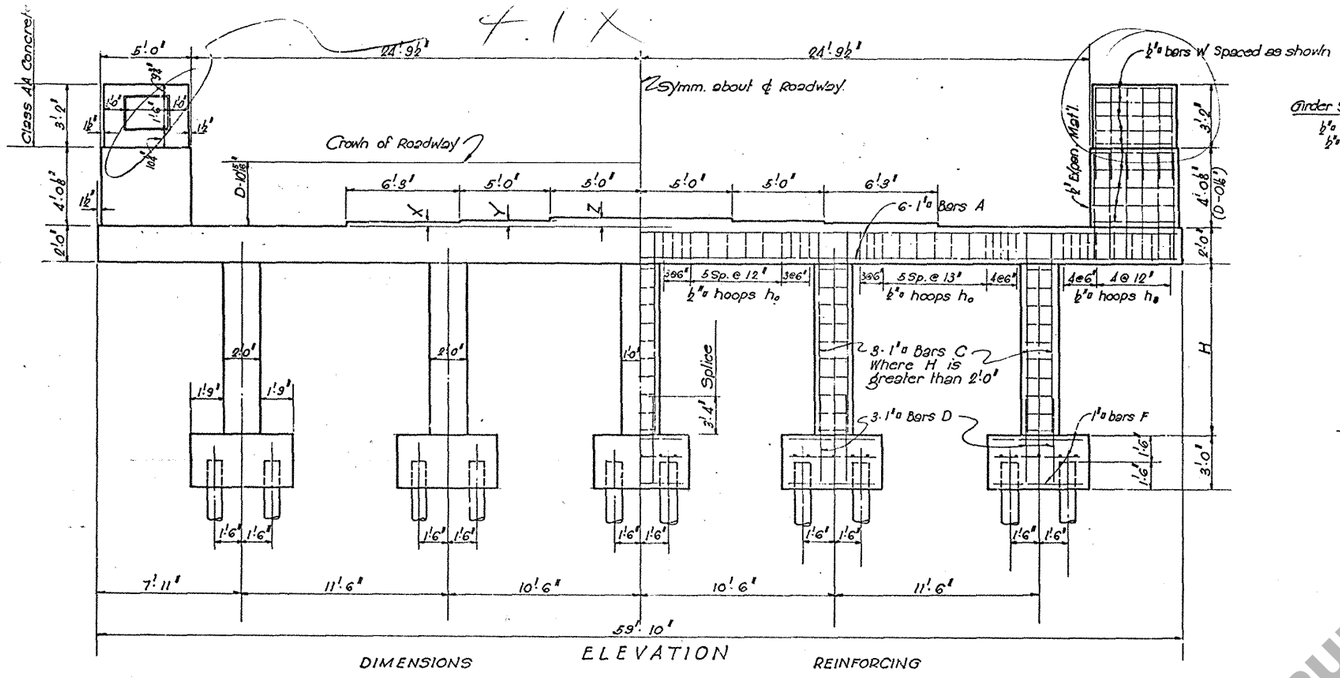
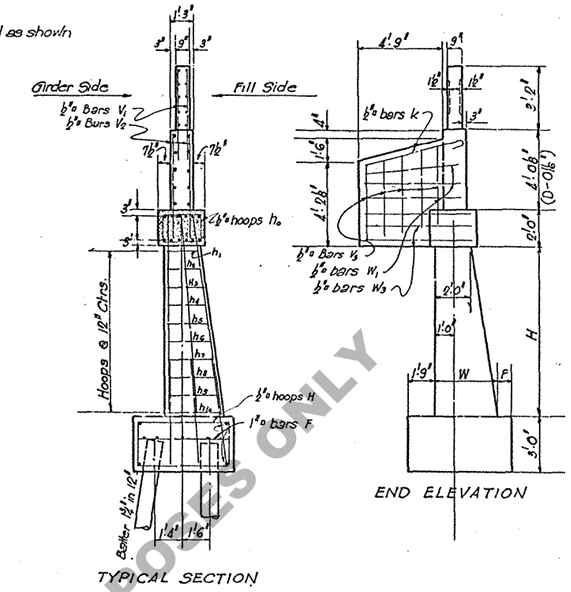
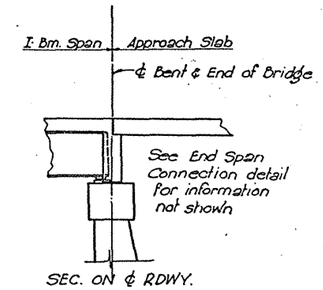


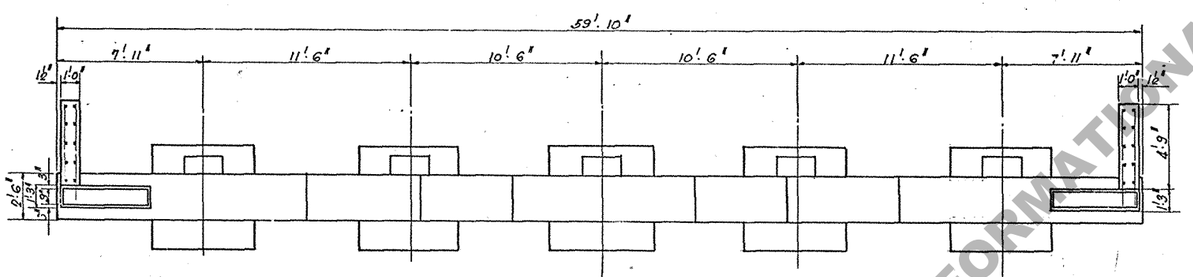


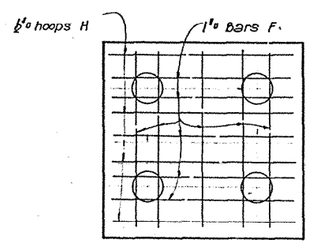


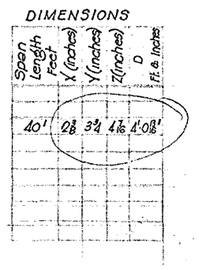
REINF. STEEL CONSTANT FOR ALL HEIGHTS H

Bar	Size	No.	Un. lgth.	Total lg	Location
A	1"ø	12	59'-4"	712'-0"	Longit. in Cap
D	"	30	5'-9"	172'-6"	Col. and Ftg.
F	"	70	5'-0"	350'-0"	Footing
Total 1"ø Bars				1234'-6" = 4197#	
h_1	½"ø	5	7'-6"	37'-6"	Col. hoops
h_2	"	5	7'-9"	38'-9"	" "
h_0	"	70	8'-6"	595'-0"	Cap hoops
H	"	20	16'-0"	320'-0"	Ftg. hoops
V_1	"	24	4'-8"	112'-0"	Wing
V_2	"	24	5'-6"	132'-0"	"
V_3	"	20	3'-10"	76'-8"	"
W	"	40	4'-6"	180'-0"	"
W_1	"	12	5'-6"	66'-0"	"
W_2	"	8	6'-10"	54'-8"	"
K	"	4	5'-10"	23'-4"	"
Total ½"ø bars				1635'-11" = 1390#	

Total Reinforcing Steel 5587 lbs.
Total Class AA Conc. 0.76 Cu. Yds.

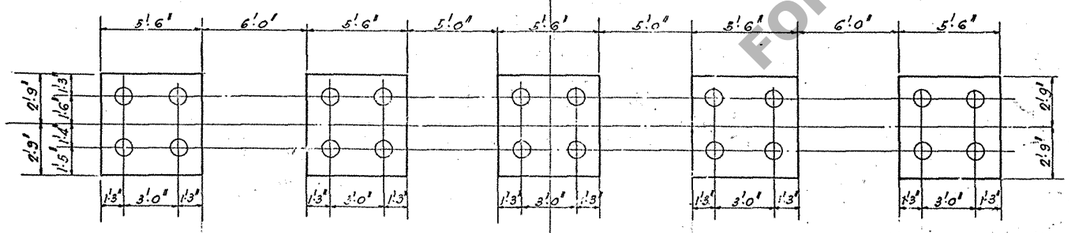


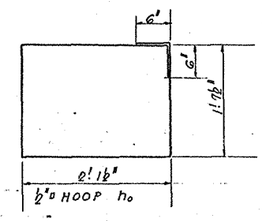


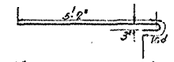


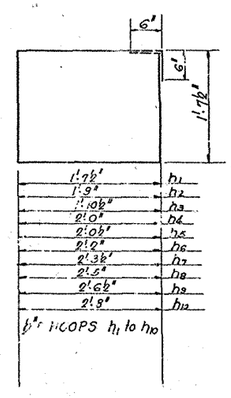
DIMENSIONS AND APPROXIMATE QUANTITIES

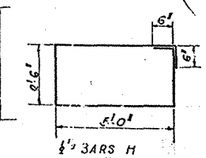
Height H	Width W	Dimen. F	Reinf. Steel	Cl. A. Conc.	Cl. AA Conc.
2'-0"	2'-3"	1'-6"	5587	32.90	0.76
3'-0"	2'-4½"	1'-4½"	5721	33.76	0.76
4'-0"	2'-6"	1'-3"	6216	34.56	0.76
5'-0"	2'-7½"	1'-1½"	6312	35.61	0.76
6'-0"	2'-9"	1'-0"	6414	36.61	0.76
7'-0"	2'-10½"	1'-10½"	6515	37.65	0.76
8'-0"	3'-0"	1'-9"	6616	38.74	0.76
9'-0"	3'-1½"	1'-7½"	6717	39.87	0.76
10'-0"	3'-3"	1'-6"	6818	41.05	0.76











General Notes:
Specifications: Louisiana Highway Commission.
All Concrete not shown otherwise to be Class A.
All exposed Corners to be chamfered 1½"
All exposed surfaces to have "Rubbed" Finish.

To be used with std. Plan S-C A1

STANDARD PLAN

END BENT

41 Ft. ROADWAY — 2-3 Ft. SIDEWALKS.

DATE	DESCRIPTION	BY

REVISIONS

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA. November 1935

DESIGNED — DETAILED — TRACED
CHECKED — CHECKED — CHECKED
IN CHARGE OF — BRIDGE ENGINEER

FOR INFORMATIONAL PURPOSES ONLY