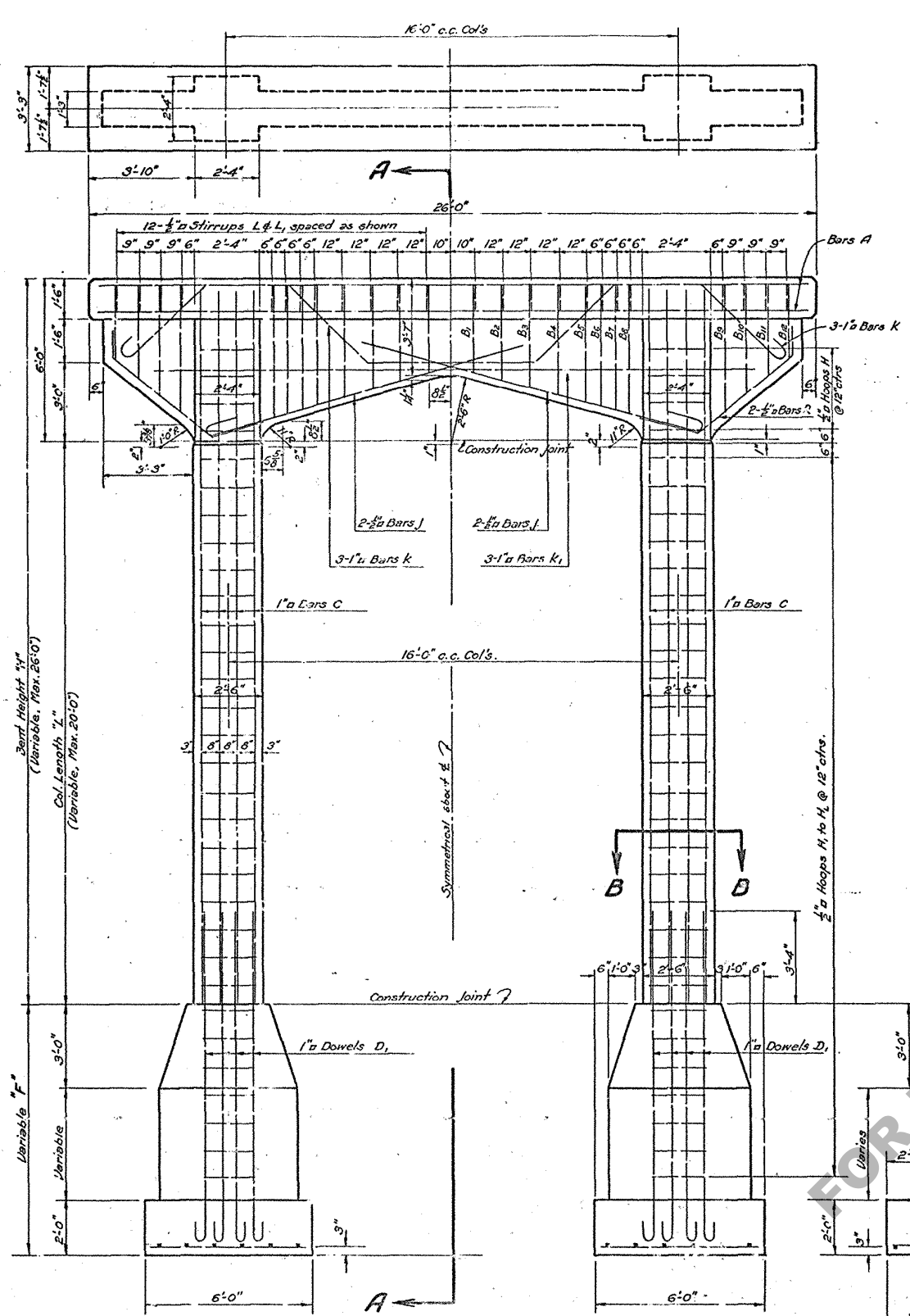
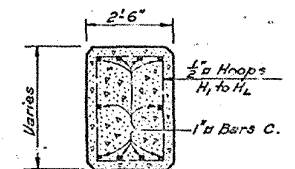




ELEVATION



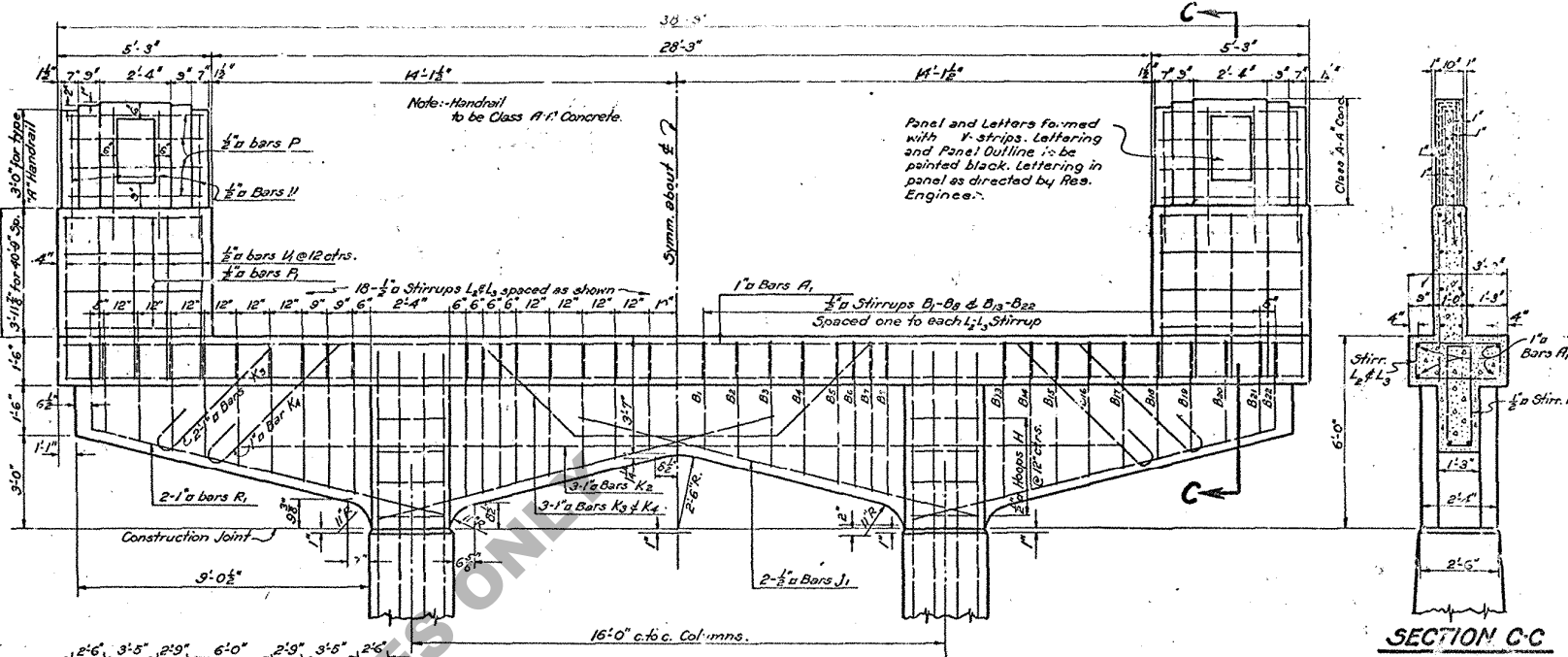
SECT. B-B

SECTION A-A

PLAN OF FOOTING REINFORCEMENT

GENERAL NOTES:-

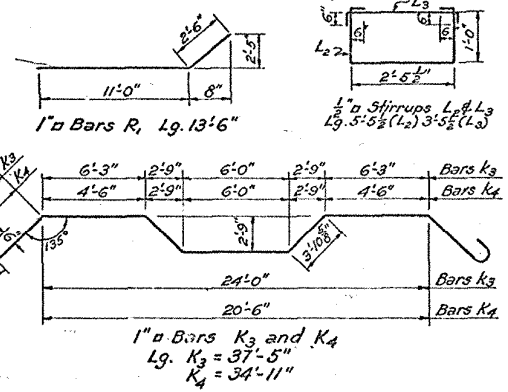
Louisiana Highway Commission Specifications to govern.
 All concrete to be Class "A" unless otherwise noted.
 All dimensions to Reinforcing Bars are to bar centers.
 Bar splices shall be allowed only where shown.
 All exposed surfaces shall be chartered "A" unless otherwise noted.
 All exposed surfaces to have "rubbed" finish.



SECTION C-C

CAP FOR END BENT

(For use with R.C.D.G. Spans Std. Plan CG-34 or other spans with corresponding details)



QUANTITIES

	Class "A" Concrete Cu. Yds.	Class "A" Concrete Cu. Yds.	Reinf. Steel Lbs.
CAP FOR END BENT	0.03	14.05	2644
CAP FOR INTERMEDIATE BENT		9.33	1569
COLUMNS (Between Construction Joints)	"H" Bent Hgt.	"L" Col. Hgt.	
	10'-0"	4'-0"	1.94
	12'-0"	6'-0"	2.99
	14'-0"	8'-0"	4.07
	16'-0"	10'-0"	5.21
	18'-0"	12'-0"	6.39
	20'-0"	14'-0"	7.62
	22'-0"	16'-0"	8.91
	24'-0"	18'-0"	10.21
	26'-0"	20'-0"	11.57
FOOTINGS	"F" Footing Hgt.		
	4'-0"		14.07
	6'-0"		16.39
	8'-0"		18.70
	10'-0"		21.02
	12'-0"		23.33
	14'-0"		25.65
	16'-0"		27.97
	18'-0"		30.29
	20'-0"		32.61

Note: The wing walls in End Bent C.p. are figured for max. spans of 40'-9".
 The hoops H-H₁ in Footing Pier are figured for max. bent height "H" = 26'-0".

REINFORCING STEEL.

IN CAP FOR INTERMEDIATE BENT.				
MARK	No.	SIZE	LENGTH	LOCATION & TYPE OF REINFORC.
A	6	1/2"	25'-6"	Top Longitudinal Reinforcement
B ₁ - B ₁₂	Each	"	(See Detail)	Vertical Stirrups
H	8	"	8'-10"	Column Hoops
J	4	"	11'-7"	Bottom Longitud. Reinforcement
L	24	"	5'-8 1/2"	Horizontal Stirrups
R	4	"	7'-5"	Bottom Reinf. Cantel. Bracket
C	20	1"	5'-6"	Column Vertical Bars
K	3	"	30'-4"	Bent-Up Bars
K ₁	3	"	21'-6"	Bottom Longitudinal Reinf.

IN CAP FOR END BENT				
MARK	No.	SIZE	LENGTH	LOCATION & TYPE OF REINFORC.
B ₁ - B ₁₂	Each	1/2"	(See Detail)	Vertical Stirrups
H	8	"	8'-10"	Column Hoops
J	4	"	11'-7"	Bottom Longitud. Reinforcement
L	36	"	5'-5 1/2"	Horizontal Stirrups
P	16	"	4'-6"	Horizontal Reinf. Rein.
V	16	"	4'-2"	Horizontal Reinf. in Wing Walls
V ₁	16	"	4'-5"	Reinf. Piers
V ₂	20	"	5'-6"	Vertical Reinf. in Wing Walls
A ₁	4	1"	37'-0"	Top Longitudinal Reinforcement
C	20	"	5'-6"	Column Vertical Bars
K ₂	3	"	25'-0"	Reinf. Longitudinal Reinf.
K ₃	2	"	37'-5"	Bent-Up Bars
K ₄	1	"	34'-11"	"
R ₁	4	"	13'-6"	Bottom Reinf. Cant. Bracket

IN COLUMNS (Between Construction Joints)				
MARK	No.	SIZE	LENGTH	LOCATION & TYPE OF REINFORC.
C	20	1"	Variable	Vertical Bars
H	8	"	3'-4"	Hoops above construction joint
H ₁ - H ₁₂	Each	1/2"	Varies	Column Hoops

IN FOOTINGS				
MARK	No.	SIZE	LENGTH	LOCATION & TYPE OF REINFORC.
D	20	1"	7'-0"	Vertical Bars in Pier
F	22	3/4"	5'-6"	Bottom Reinf. in Footings
F ₁	12	"	10'-0"	"
H ₁ - H ₁₂	Each	1/2"	Varies	Hoops for Vertical Reinf.

Load on Base = 1.8 tons per sq. ft. for 16'-0" x 10'-0" and 40'-9" spans.

STANDARD PLAN
 SPREAD FOOTING R.C. COL.
 INTERMED. AND END BENTS
 FOR STD. R.C. DECK GIRDER SPANS OF
 36'-9", 38'-9" & 40'-9" WITH 24'-0" RDWY.

LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE, LA. OCTOB. 1937

DATE	DESCRIPTION	BY	CHECKED	IN CHARGE
10-1-37	Hand Repl. End Bent	M.D.M.	DESIGN'D	TRACED
10-1-37	Hand Repl. End Bent	M.D.M.	DESIGN'D	TRACED
10-1-37	Hand Repl. End Bent	M.D.M.	DESIGN'D	TRACED
10-1-37	Hand Repl. End Bent	M.D.M.	DESIGN'D	TRACED