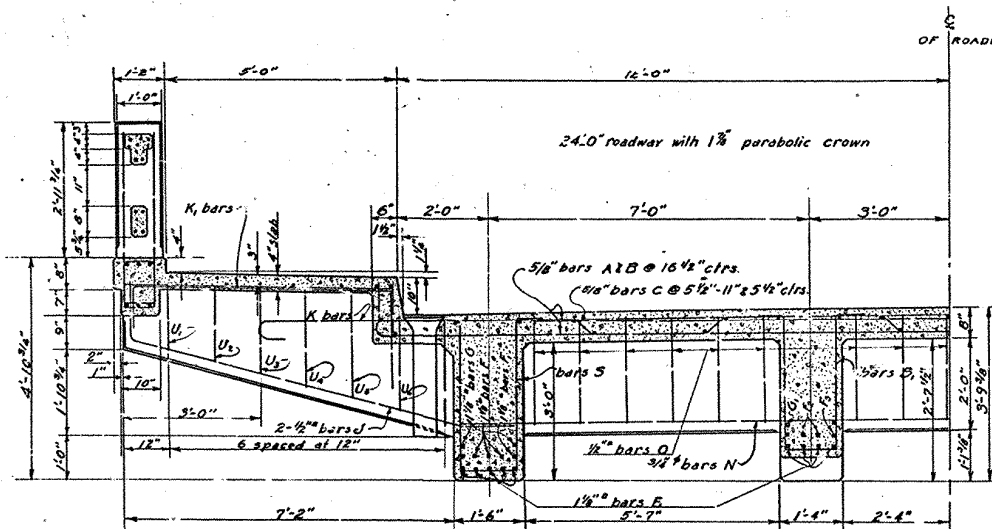
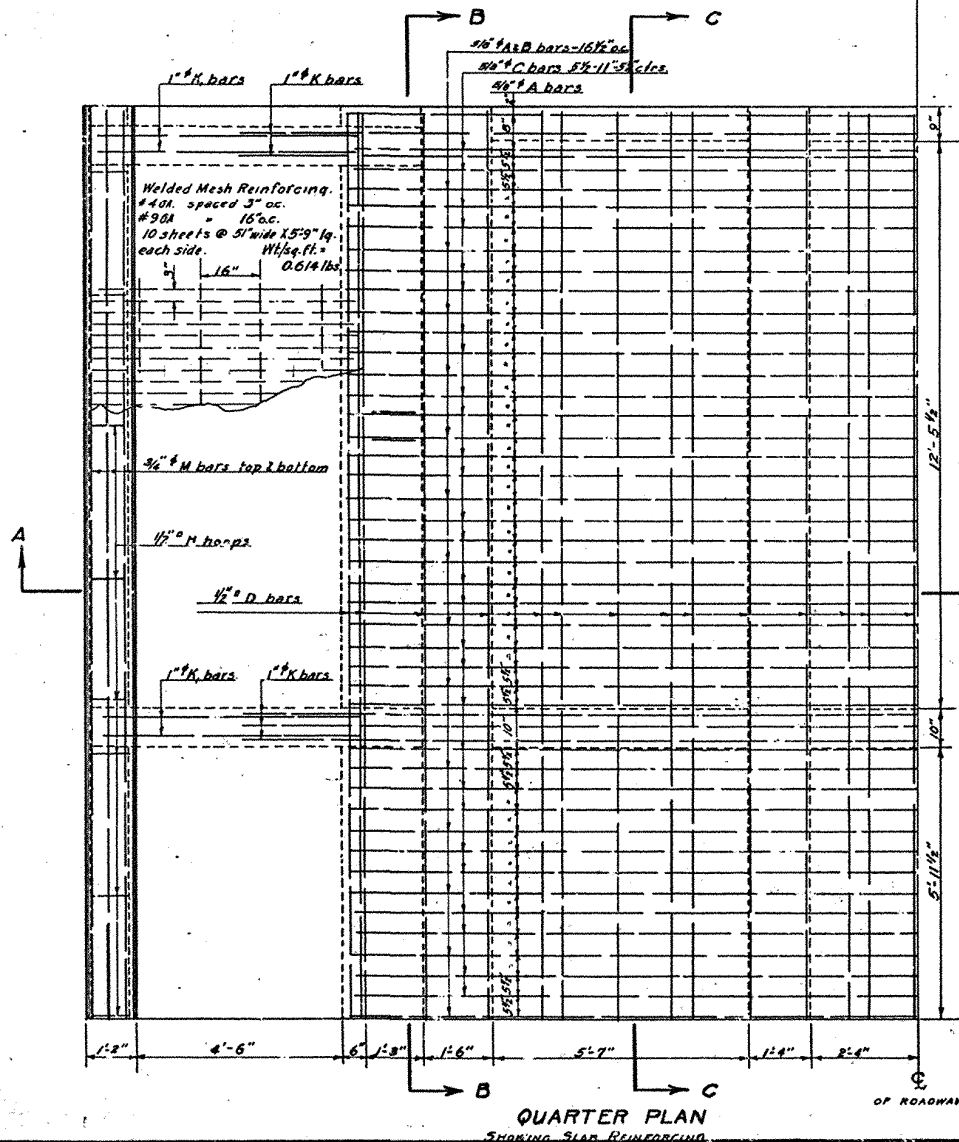
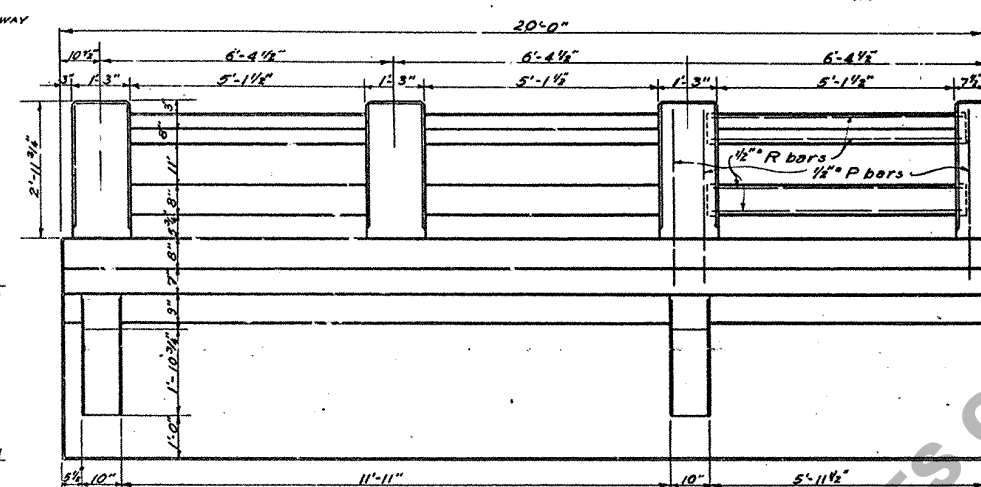




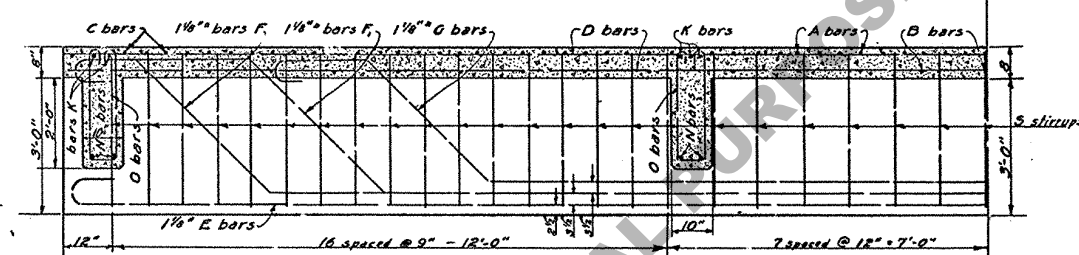
SECTION A-A



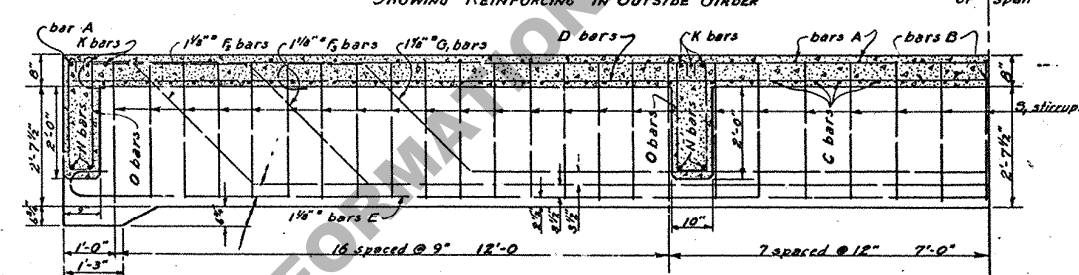
QUARTER PLAN
SHOWING SLAB REINFORCING



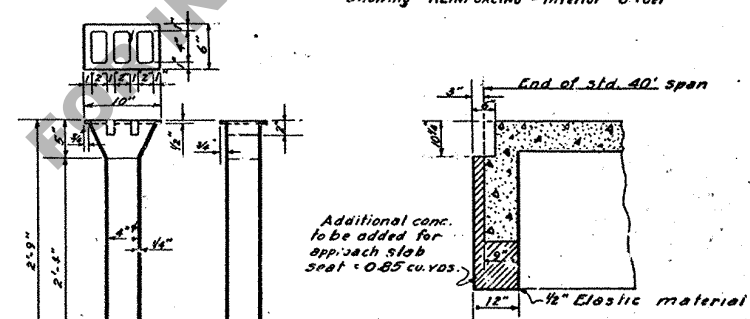
ELEVATION OF HALF SIDE



SECTION B-B
SHOWING REINFORCING IN OUTSIDE GIRDER



SECTION C-C
Showing Reinforcing - Interior Girder



DETAILS OF CAST IRON DRAIN
4 required per span

DETAILS OF APPROACH SLAB SEAT
Add 0.85 cu. yds. for Approach Slab seat

General Notes:
All exposed corners of concrete are to be chamfered.
All exposed surfaces to be rubbed finished.
Dimensions for reinforcing steel are to bar centers.
Specifications; Louisiana Highway Commission

MARK	SIZE	Nº REQD.	LENGTH TOTAL OF EACH LENGTH	POSITION	
A	5/8"	29	28'-0"	754'-0"	TOP of slab
B	"	27	27'-2"	733'-6"	bottom of slab
C	"	56	26'-8"	1493'-4"	bent in slab
Total	5/8" bars		2980'-10"		= 3109 lbs.
D	1/2"	31	39'-6"	1224'-6"	Longitudinal in slab
H	"	30	4'-3"	127'-6"	hoops in fascia beam.
J	"	16	9'-6"	152'-0"	bottom of brackets.
O	"	68	6'-0"	408'-0"	diaphragms
P	"	56	4'-3"	238'-0"	Posts.
R	"	96	5'-6"	528'-0"	Rolls
S	"	94	8'-10"	830'-4"	Stirrups in outside beam.
S _i	"	94	8'-0"	752'-0"	Stirrups in inside beam.
U ₁ -U ₇	"	8 each	321'-4"		Stirrups in brackets.
Total	1/2" bars		4581'-8"		= 3694 lbs.
M	3/4"	12	41'-2"	526'-0"	Fascia beam
N	"	8	21'-0"	168'-0"	diaphragms
Total	3/4" bars		694'-0"		= 1042 lbs.
K	1"	20	17'-6"	350'-0"	brackets.
K _i	"	16	9'-6"	144'-0"	
T	1"	8	3'-0"	24'-0"	dowels at expansion
Total	1" bars		1212'-0"		= 3236 lbs.
E	1 1/8"	18	42'-0"	756'-0"	bottom of beams.
F	"	6	44'-2"	265'-0"	outside beams.
F _i	"	4	44'-2"	176'-8"	outside beam.
F ₂	"	4	43'-10"	175'-4"	Interior beam
F ₃	"	4	43'-10"	175'-4"	Interior beam.
G	"	4	35'-0"	140'-0"	outside beam.
G _i	"	4	35'-0"	140'-0"	Interior beam.
Total	1 1/8" bars		1828'-4"		= 7867 lbs.
Welded Mesh - sh. 57.5'-9" @ 0.014" = 305 lbs.					
Total reinforcing steel = 11,455 lbs.					
Class 'A-A' concrete					68.15 cu. yds.

STANDARD PLAN
40'-0" REINFORCED CONC. DECK GIRDER SPAN
24'-0" ROADWAY 2'-5" SIDEWALKS
LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.
JUNE 1931