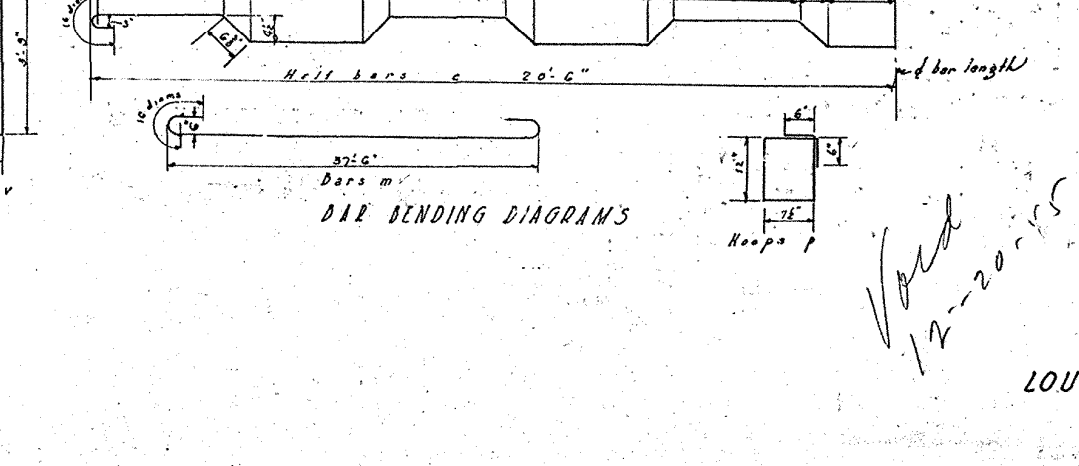
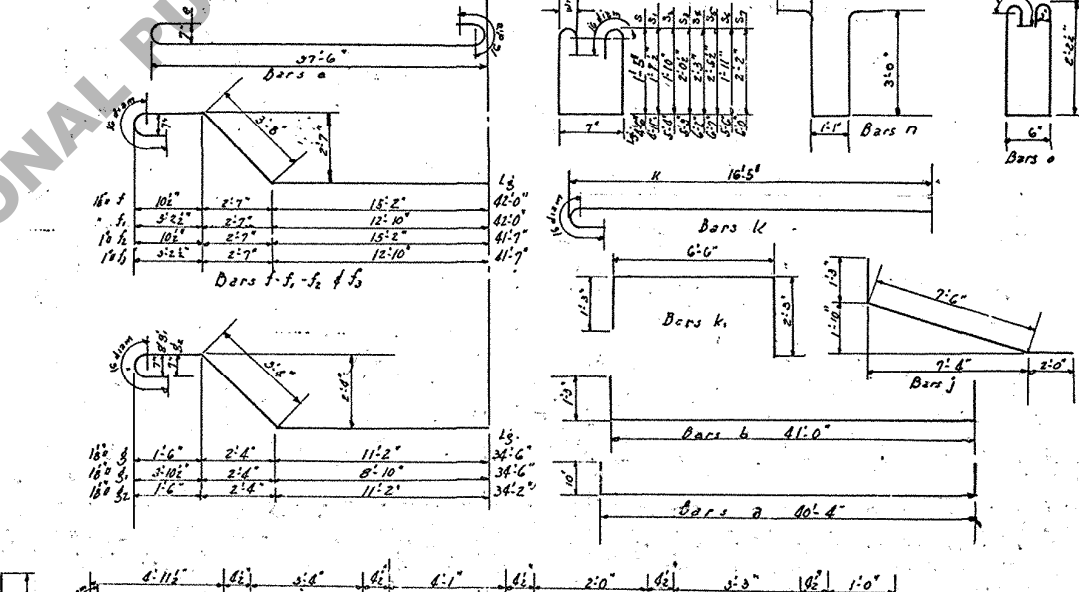
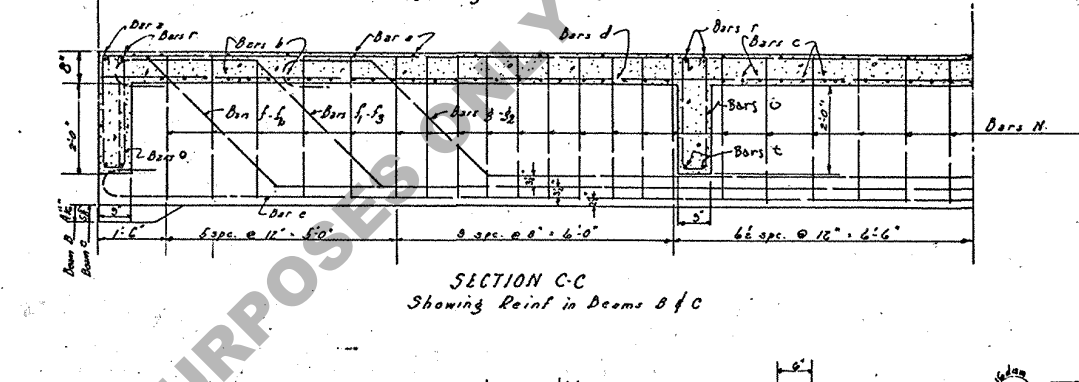
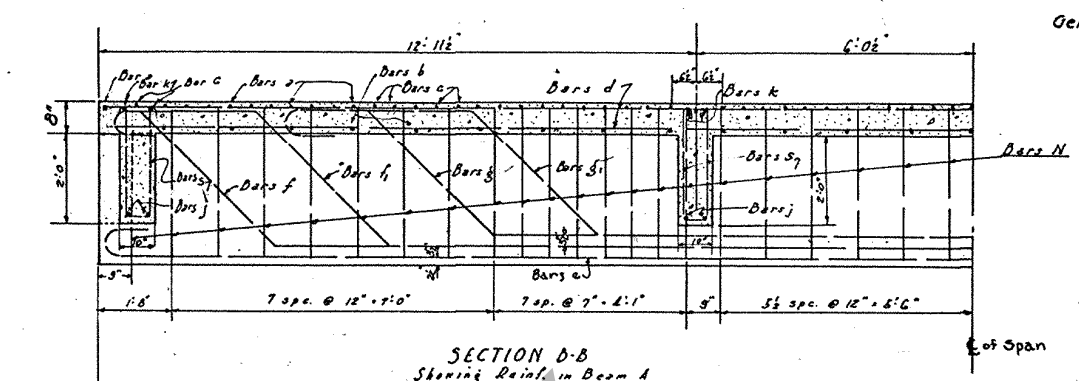
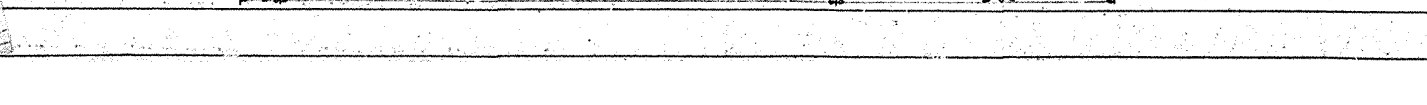
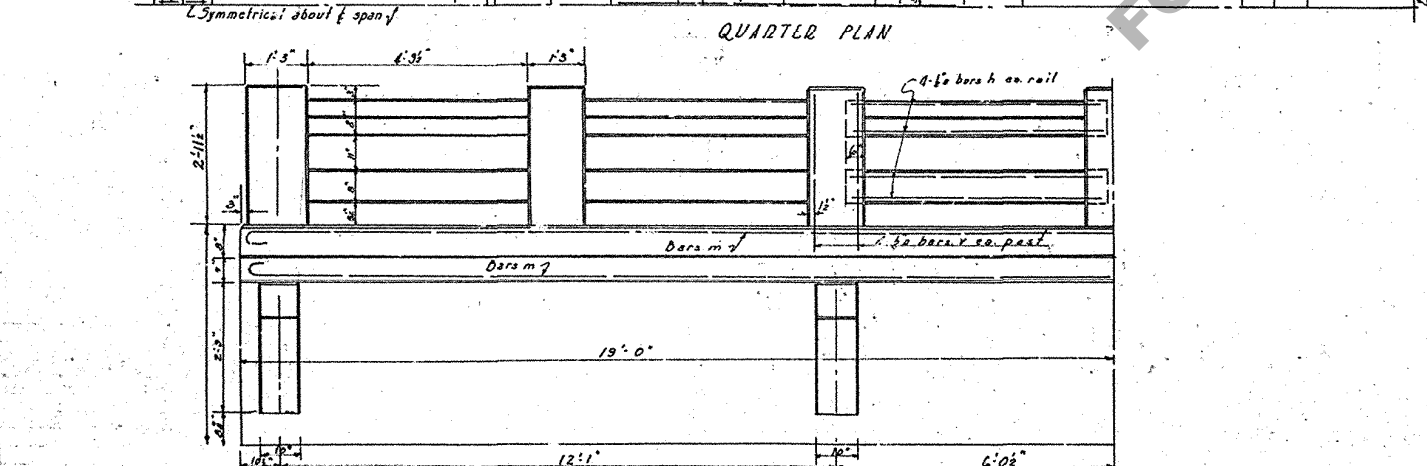
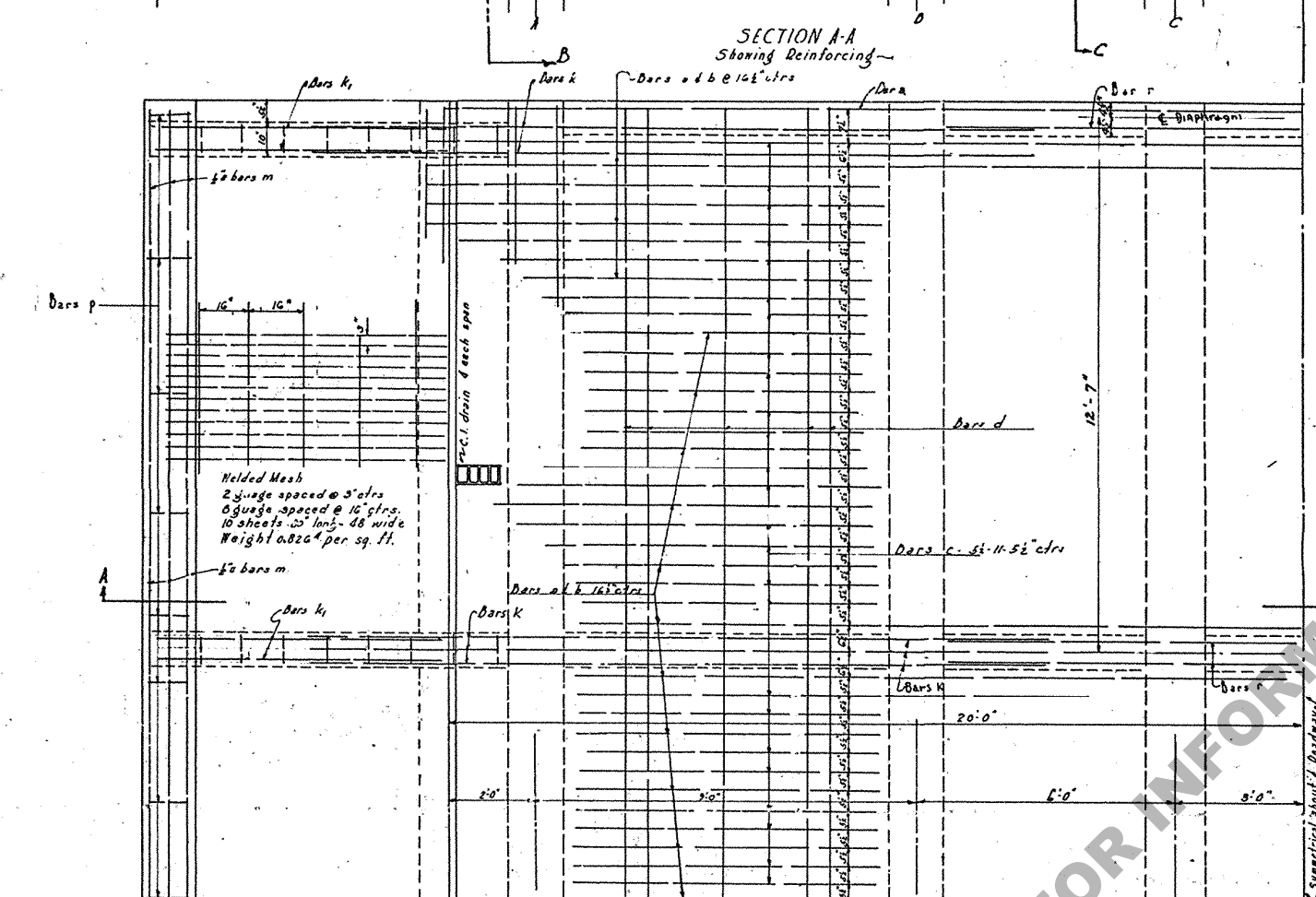
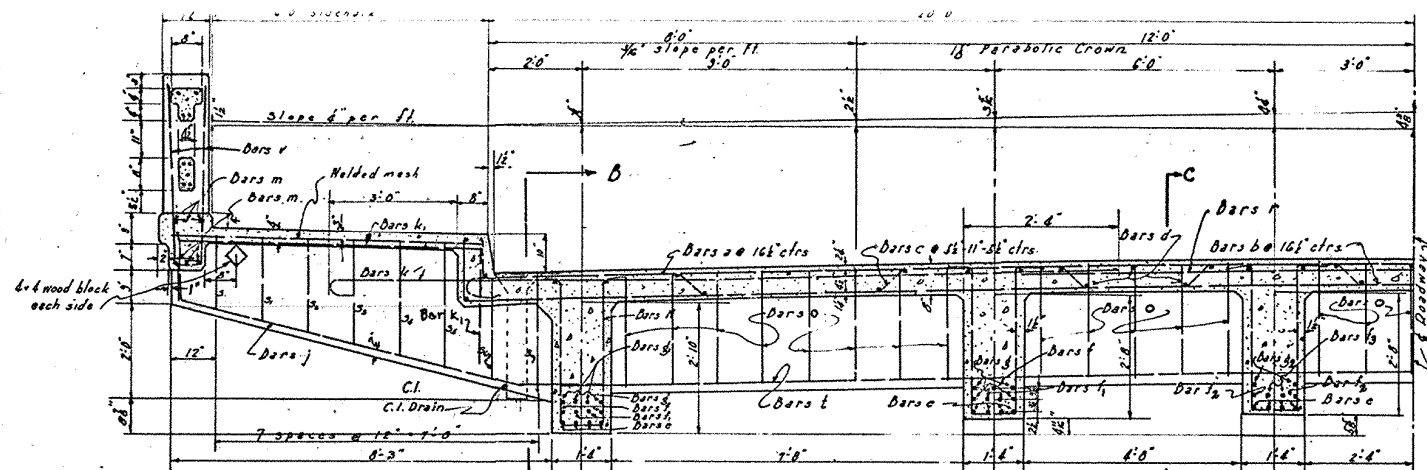




General Notes:
 Specifications: La. Hwy. Commission - 1929
 Live Load: H16
 Dead Load: Calc. wgt. of conc. + wearing surface
 Concrete to be Class A.
 All dimensions of Reinforcing steel are to bar centres
 All exposed corners, except as noted to have 3/4" chamfer. Curbs, slabs & beam stems to be placed in one continuous operation. Structural Steel, C.I. Plates to be paid for as Structural Steel. Drains and Elastic Expansion Material to be included in price bid for Conc. All exposed surfaces to have Rubbed Finish.

BILL OF MATERIALS				
Bar	Size	No	Un. Lgth	For Lgth Location
d	4"	43	87'-6"	1687'-6" Long in slab (straight)
f	"	30	4'-5"	127'-6" " " Stirrups
r	"	36	4'-5"	238'-0" Rail posts
h	"	36	5'-0"	480'-0" Handrail (straight)
o	"	124	6'-0"	744'-0" Diaphragm stirrups
n	"	256	8'-0"	2048'-0" Beam Stirrups
j	"	16	10'-3"	172'-0" Bottom of Bracket
r	"	6	16'-0"	96'-0" Transverse slab (straight)
s-s	"	8 ea.	Variable	358'-0" Bracket Stirrups.
Total # bars			5951'-0"	= 5058 Lbs.
a	3/8"	29	82'-0"	1218'-0" Transverse in slab
b	"	27	43'-6"	1174'-6" " " "
c	"	30	65'-10"	2131'-8" " " "
Total # bars			4584'-2"	= 4781 Lbs.
e	1"	6	87'-0"	294'-0" Bottom of Diaphragm
k	"	20	17'-6"	350'-0" Top of bracket
k ₁	"	16	10'-0"	160'-0" " " "
f ₂	"	4	41'-7"	166'-4" Beams B & C
f ₃	"	4	41'-7"	166'-4" " " "
f ₄	"	4	34'-2"	136'-8" " " "
Total 1" bars			1275'-4"	= 4336 #
e	1 1/2"	24	10'-0"	360'-0" Beams A & C
f	"	8	62'-0"	500'-0" Beams A & B
f ₁	"	8	42'-0"	336'-0" Beams A & B
g	"	10	36'-6"	365'-6" Beams A & B
g ₁	"	4	36'-6"	146'-6" Beams A & B
Total 1 1/2" Bars			2115'-0"	= 9101 #
m	3/4"	12	39'-0"	468'-0" Sidewalk Beam
Total 3/4" Bars			468'-0"	= 703 #
Welded Mesh Reinforcing			53 sp. @ 48"	441 #
Total Reinforcing Steel				24,420 #
Class 1A conc. incl. handrail				93.86 cu yds.

VOID 12-20-15

STANDARD PLAN
 R.C. DECK GIRDER SPAN
 40' FT. ROWY - 38 FT. SPAN
 2'-6" SIDEWALKS
 LOUISIANA HIGHWAY COMMISSION
 DATON ROUGE, LA.
 MARCH 1931
 USE WITH STD. PLAN C-5-131-15