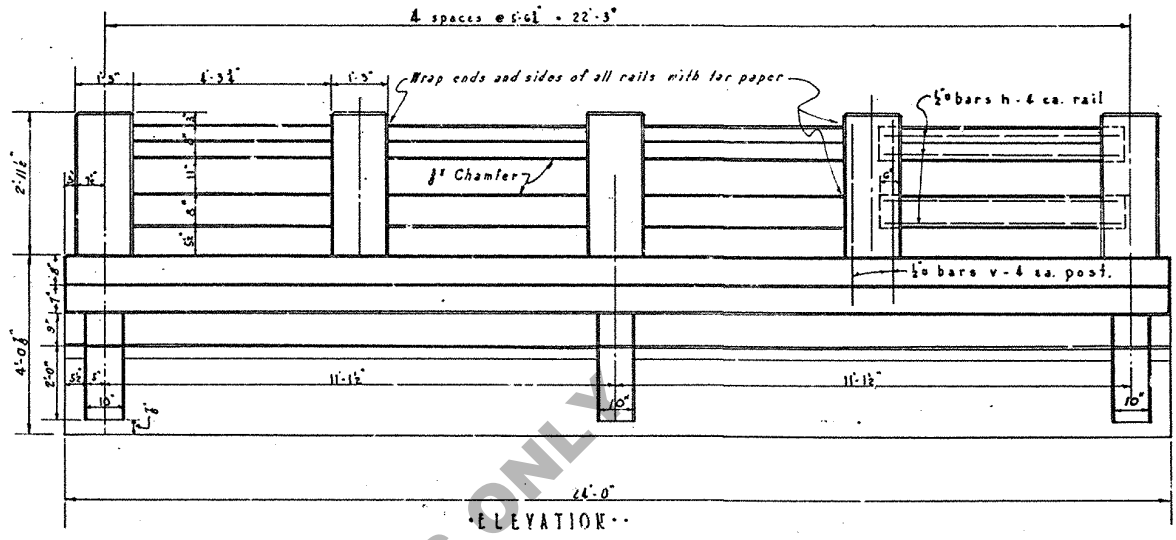
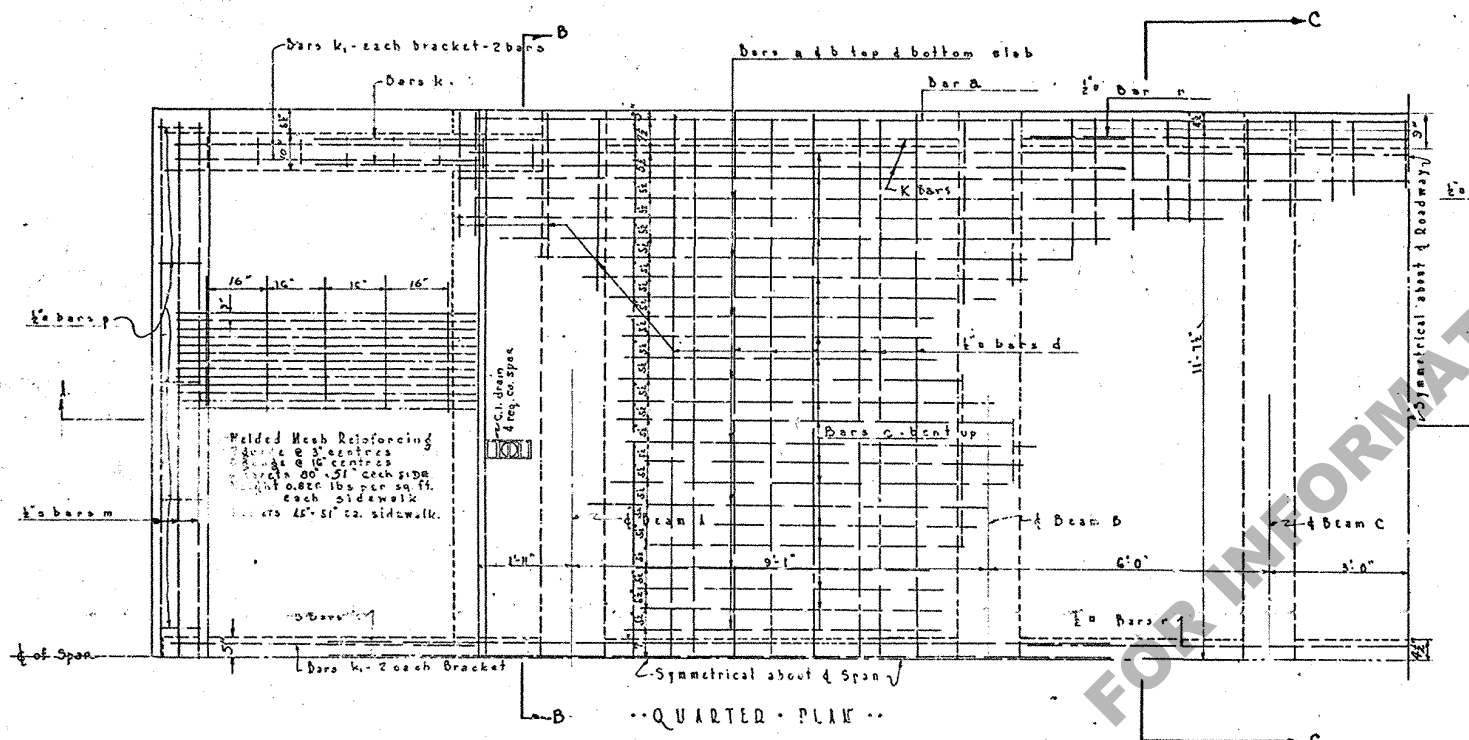


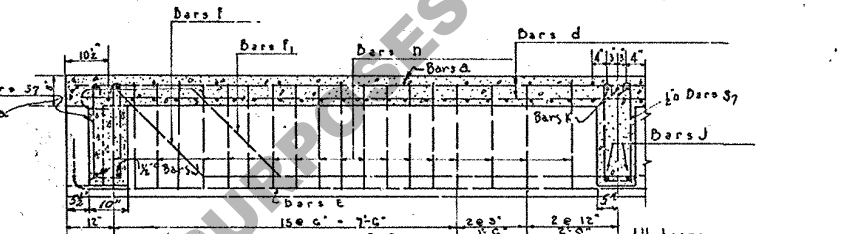
SECTION A-A
Showing Reinforcement



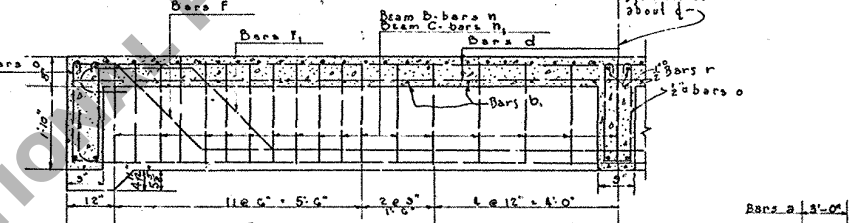
ELEVATION



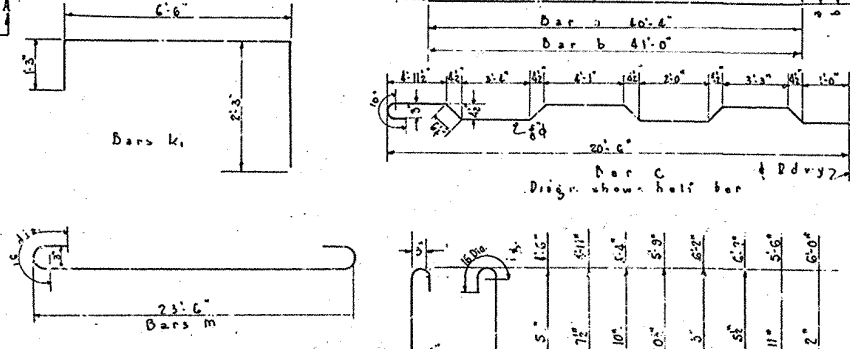
QUARTER PLAN



SECTION D-D



SECTION C-C



BAR BENDING DIAGRAMS
Radius of Bend shall be 1 diam of bars except as noted

BILL OF MATERIALS					
Mark	Size	U ²	Un. Lgth	Total Lgt	Location
d	1/2"	85	25'-0"	1292'-0"	long slab deck (straight)
m	1/2"	12	24'-7"	296'-0"	Sidewalk beam (straight)
v	1/2"	20	4'-5"	88'-0"	Hoops in Sidewalk Beams
p	1/2"	40	4'-5"	170'-0"	Handrail Posts
h	1/2"	24	5'-0"	520'-0"	Handrail (straight)
o	1/2"	93	6'-9"	534'-0"	Hoops in diaphragms
n	1/2"	146	6'-0"	876'-0"	Stirrups in girders
h	1/2"	70	4'-5"	449'-0"	Stirrups in diaphragms
j	1/2"	12	10'-6"	126'-0"	Bracket
s-s	Geo. Variable			268'-0"	Bracket stirrups
r	1/2"	4	16'-0"	64'-0"	Top of diaphragms
				4572'-0"	= 3892*
Total 1/2" bars				4572'-0"	= 3894 Pounds
a	3/8"	18	48'-2"	867'-0"	Transverse in slab
b	3/8"	16	45'-6"	730'-0"	
c	3/8"	32	45'-10"	1462'-0"	
Total 3/8" bars				2965'-0"	= 3093 pounds
t	1/2"	6	37'-0"	222'-0"	Diaphragms (straight)
k	1/2"	14	17'-0"	245'-0"	Brackets
f	1/2"	12	27'-2"	326'-0"	Beams
l	1/2"	10	21'-2"	212'-0"	
g	1/2"	12	10'-0"	120'-0"	Brackets
Total 1/2" bars				1184'-0"	= 4028 lbs.
e	1/2"	22	26'-0"	572'-0"	Beams
Total 1/2" bars				572'-0"	= 2461 lbs.
Welded Mesh				151 sq. yds.	158 Pounds
TOTAL REINFORCING STEEL				13474'	4354 Pounds
TOTAL CLASS A-A CONC.					55.58 Cu. Yds.

General Notes
 Specifications: Louisiana Highway Commission, 1929
 Live load 14-15. Dead load: Calculated weight of concrete plus 1" future wearing surface. All concrete to be Class AA. All dimensions of Reinforcing Bars are to bar centres. All exposed corners except as indicated to have a chamfer. Curbs, slabs and beam stems to be placed in one continuous operation.
 Drains, Tar paper and Elastic expansion material to be included in price bid for concrete. All exposed surfaces to have a "Rubbed Finish".

DATE	DESCRIPTION	BY
1-23-30	Bars O added to slab C.H.G.	C.H.G.
1-23-30	Dimensions of Bars changed C.H.G.	C.H.G.
2-10-30	S.W. bracket dispensed - bars r, s, c, d.	S.C.D.

STANDARD PLAN
 REINF. CONC. DECK GIRDERS
 40' ROWAY 2'-0" SIDEWALKS
 24' SPAN
 LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE, LA.
 Mar. 1931
 USE WITH STD. PLAN C-5-131-15
 C-6-47