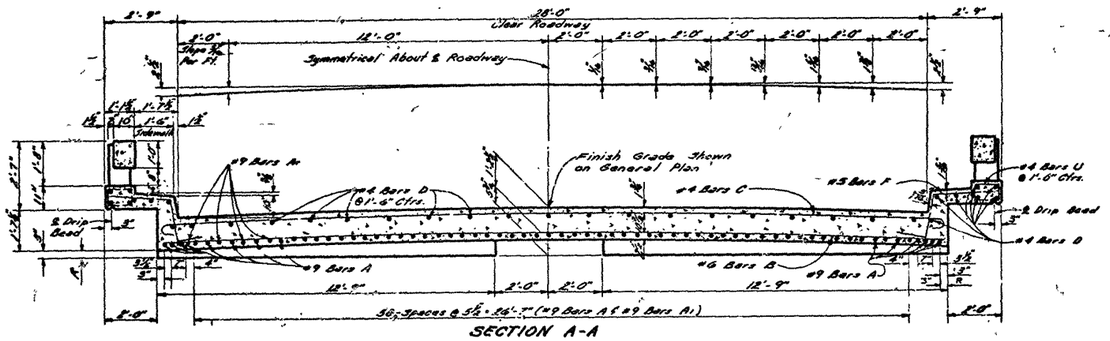
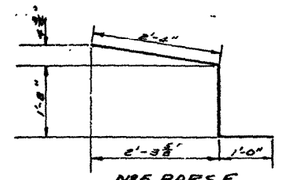
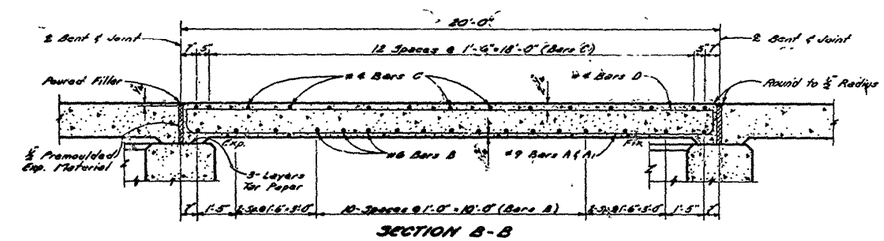
	STATE PROJECT	PARISH	SHEET NO.



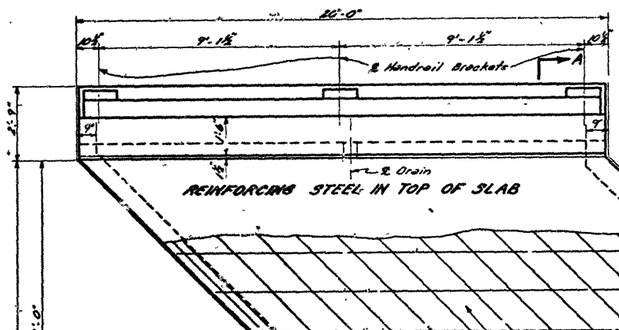
SECTION A-A



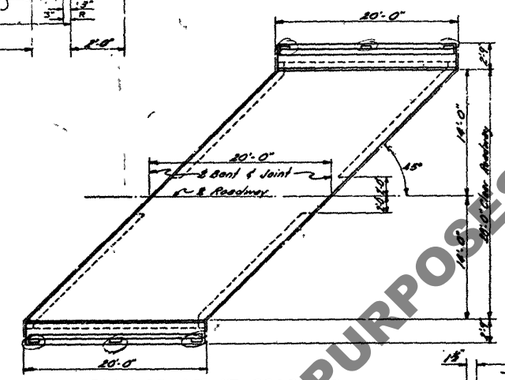
No 5 BARS F
(3⅝" Dia. Pin)



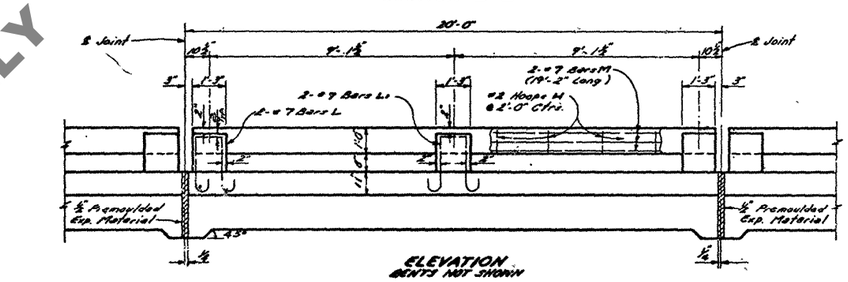
SECTION B-B



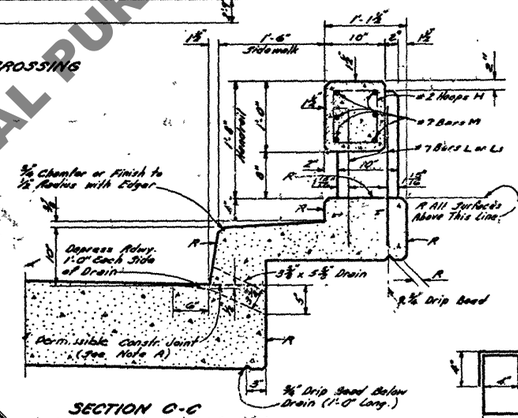
REINFORCING STEEL IN TOP OF SLAB



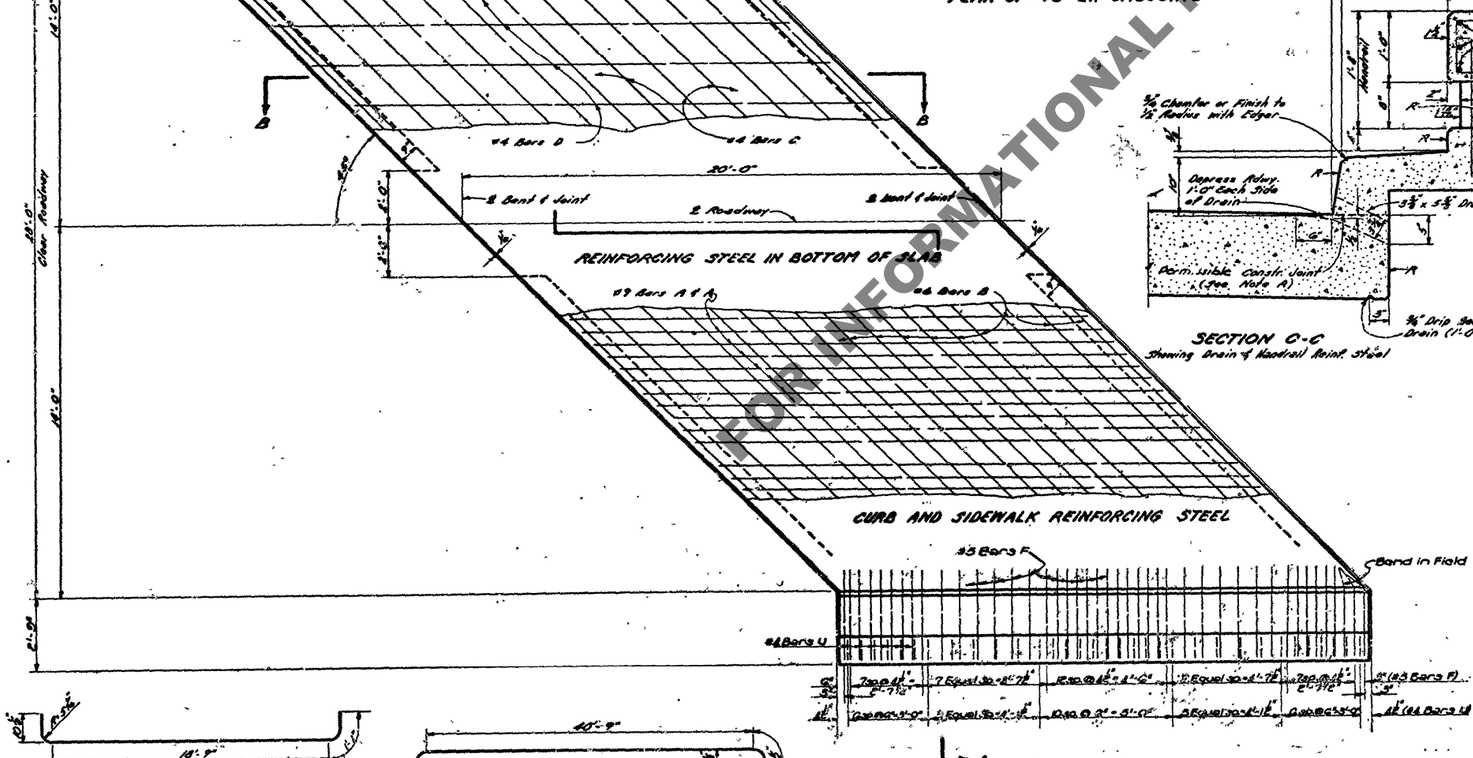
PLAN OF 45° LT. CROSSING



ELEVATION
(ENDS NOT SHOWN)



SECTION C-C
Showing Drain & Handrail Reinf. Steel

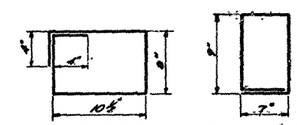


REINFORCING STEEL IN BOTTOM OF SLAB

CURB AND SIDEWALK REINFORCING STEEL

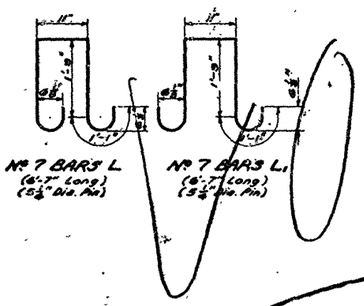
No 9 BARS A

No 4 BARS C



No 4 BARS U
(5'-5" Long)
(5" Dia. Pin)

No 2 HOOPS H
(5'-8" Long)
(1" Dia. Pin)



No 7 BARS L
(6'-7" Long)
(5⅝" Dia. Pin)

No 7 BARS L1
(6'-7" Long)
(5⅝" Dia. Pin)

QUANTITIES (ONE SPAN)

BAR	SIZE	No	UNIT LENGTH	TOTAL LENGTH	LOCATION
A	#9	37	20'-11"	773-11"	Bottom of Slab
A1	#9	30	19'-6"	585'-0"	Bottom of Slab
TOTAL No 9 BARS = 1358'-11" = 6423 LBS.					
B	#6	17	43'-3"	735'-3"	Bottom of Slab
TOTAL No 6 BARS = 735'-3" = 1104 LBS.					
F	#5	88	5'-1"	430'-0	Sidewalk & Slabs
TOTAL No 5 BARS = 430'-0" = 448 LBS.					
C	#4	13	43'-6	652'-6"	Top of Slab
D	#4	33	19'-3"	625'-3"	Top of Slab & Sidewalk
U	#4	66	3'-8"	247'-6"	Handrail, Parapet
TOTAL No 4 BARS = 1525'-3" = 1059 LBS.					
TOTAL DEFORMED REINF. STEEL = 9031 LBS.					
TOTAL CLASS "A" CONCRETE = 33.19 CU. YDS.					
TOTAL CONCRETE HANDRAIL = 33.00 LIN. FT.					

*Length includes One - 2'-2" Lap Splice.
●Length includes One - 1'-6" Lap Splice.

GENERAL NOTES:
Construction Specifications: Latest Approved La. Dept. of Hwys. Standard Specifications.
Design Specifications: A.A.S.H.O. Std. Specifications for Highway Bridges, 1961, as Amended To Dec. 31, 1962.
Live Load: H20-S16-44.
All Concrete to be Class "A".
Exposed Corners to have ¾" Chamfer, unless Otherwise Noted.
Reinforcing Bars shall be Intermediate or Hard Grade, A.S.T.M. A15 or A16. Steel, A.S.T.M. A16; Conforming with A.S.T.M. A305.
Dimensions Relating to Reinforcing Steel are to Bar Centers.
½" Premoulded Expansion Material, Poured Filler and Tar Paper to be Installed in Place, bid Per Class "A" Concrete.
Concrete and Reinforcing Steel in Handrail to be paid for per Lin. Ft. of Concrete Handrail. This Includes Bars L & L1.
R — Denotes Class 2 Rubbed Finish.

NOTE A (Req'd. only if Constr. Joint is Used)
After Completing Pour for Roadway Slab a Minimum of 3-Days Shall Elapse (or Conc. in Roadway Slab Shall Attain a Min. Compressive Strength of 1500 p.s.i.) Before Beginning Pour for Sidewalk Cantilever.

BCSS15C-45-28P			
OAS-45-28P1	9-16-63	Constr. Joint	
	8-14-63	Handrail, Curb & Guardrail	
	DATE	DESCRIPTION	BY
TO BE USED WITH STANDARD PLANS		REVISIONS	

STANDARD PLAN
20'-0" CONCRETE SLAB SPAN
LIVE LOAD: H20-S16-44
28'-0" ROADWAY — 1'-6" SIDEWALKS
45° CROSSING — PARABOLIC CROWN
DATED JULY 12, 1962

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS
DESIGNED — DETAILED — TRACED
CHECKED — CHECKED — CHECKED
BRIDGE DESIGN SECTION

CSS156-45-28P

FOR INFORMATIONAL PURPOSES ONLY