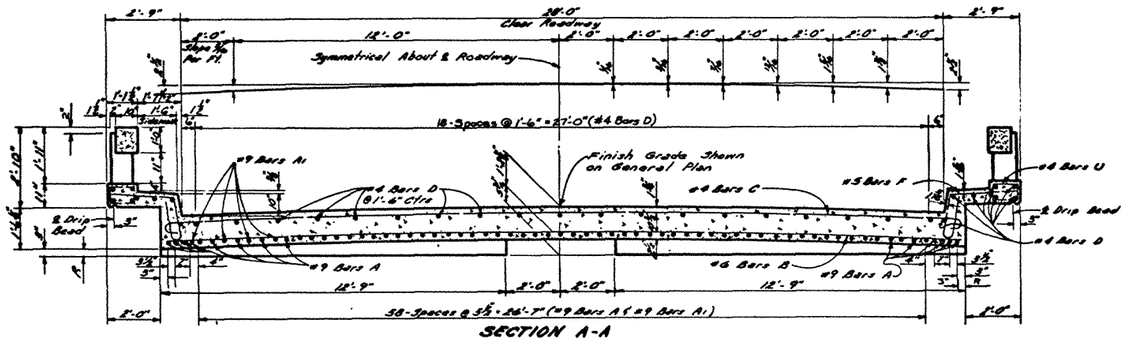
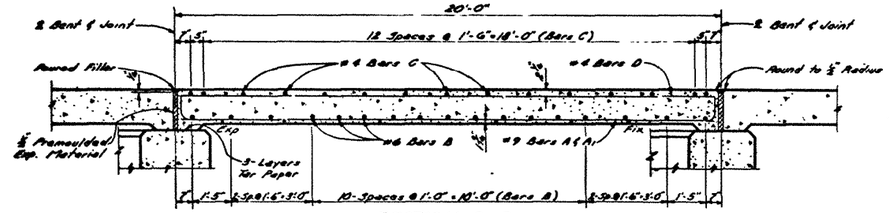
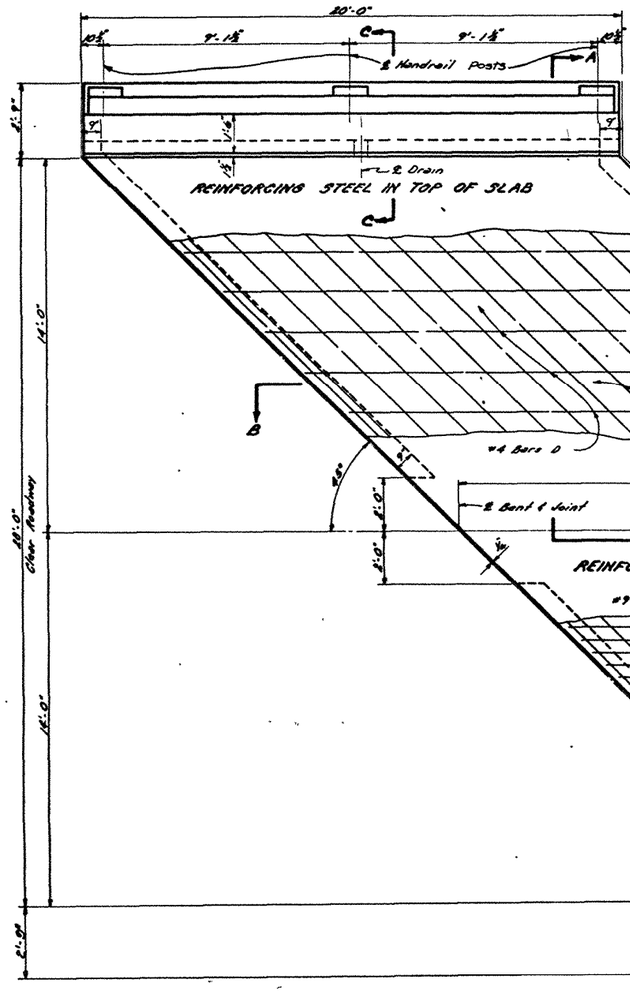
STATE PROJECT	PARISH	SHEET NO.



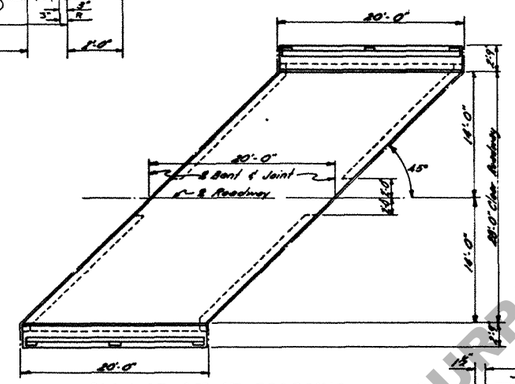
SECTION A-A



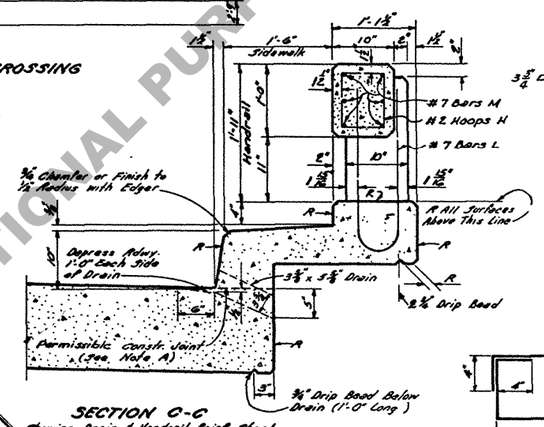
SECTION B-B



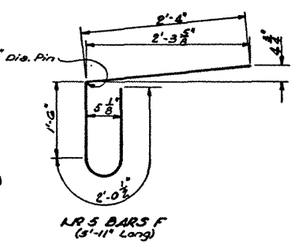
PLAN
45° Right Crossing



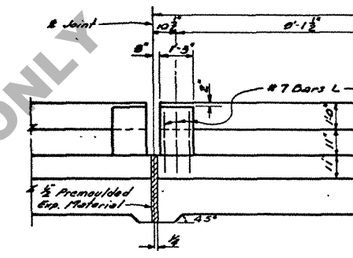
PLAN OF 45° LT. CROSSING



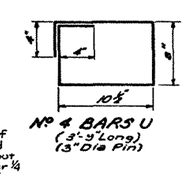
SECTION C-C
Showing Drain & Handrail Reinf. Steel



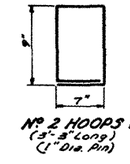
№ 5 BARS F
(3'-11" Long)



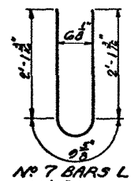
ELEVATION
BENTS NOT SHOWN



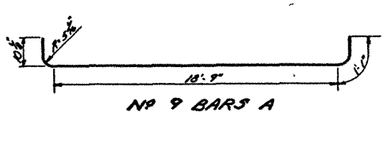
№ 4 BARS U
(3'-9" Long)
(3" Dia Pin)



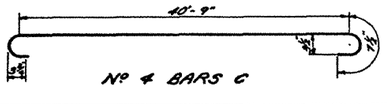
№ 2 HOOPS H
(3'-8" Long)
(1" Dia. Pin)



№ 7 BARS L
(5'-0" Long)
(3 1/2" Dia. Pin)



№ 9 BARS A



№ 4 BARS C

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" = 4620 LBS.					
B	#6	17	43'-3 3/8"	735'-3"	Bottom of Slab
TOTAL Nº 6 BARS = 735'-3" = 1104 LBS.					
F	#5	86	5'-11"	508'-10"	Sidewalk & Slabs
TOTAL Nº 5 BARS = 508'-10" = 531 LBS.					
C	#4	15	43'-6 1/2	652'-6"	Top of Slab:
D	#4	35	19'-7"	685'-5"	Top of Slab & Sidewalk
U	#4	66	3'-9"	247'-6"	Handrail Parapet
TOTAL Nº 4 BARS = 1585'-5" = 1050 LBS					
TOTAL DEFORMED REINF. STEEL = 7214 LBS.					
TOTAL CLASS "A(A)" CONCRETE = 80.19 CU. YDS.					
TOTAL CONCRETE HANDRAIL = 88.00 LIN. FT.					

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

REQUIRED:
One Drain Each Side of Rdwy. Near ℄ of Span, Except When Span is Superelevated Greater than 0.026 Ft per Ft. Rate, then put Two Drains on Low Side of Roadway Near 1/4 Points of Span. No Drains Req'd in End Spans Over Unprotected Slopes. Block Used for Forming Opening May be Slightly Tapered to Facilitate Withdrawal

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 by Interim Specifications 1962.
Live Load: H20-S16-44.
All Concrete to be Class "A(A)".
Exposed Corners to have 3/4" Chamfer, unless Otherwise Noted.
Reinforcing Bars shall be Intermediate or Hard Grade, A.S.T.M. A15 or A.S.T.M. A432 or Rail Steel A.S.T.M. A16 conforming with A.S.T.M. A305.
Dimensions Relating to Reinforcing Steel are To Bar Centers.
1/2" Premoulded Expansion Material, Poured Filler and Tar Paper to be included in Price bid for Class "A(A)" Concrete.
Concrete and Reinforcing Steel in Handrail to be paid for per Lin. Ft. of Concrete Handrail. This includes Bars L.
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.

SPANS

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

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

DATE	DESCRIPTION	BY
5-28-66	Conc. Changed from Class "A" & Class "A(A)" & Spacing of #2 Hoops	RQS
7-30-65	Spacing of #2 Hoops in Joint Changed & Misc.	W.A.K.
4-29-65	Reinf. Steel - Nº of #4 Bars D	W.A./J.K.
2-25-65	General	W.A.K./J.K.
10-27-64	Handrail Rev. - 1964 Specs	R.A./J.K.
9-16-63	Constr. Joint	W.A.
6-14-63	Handrail, Curb & Quantities	W.A./J.K.

REVISIONS

BCSSI5C-45-28P
CAS-45-28P1
TO BE USED WITH STANDARD PLANS

FOR INFORMATIONAL PURPOSES ONLY