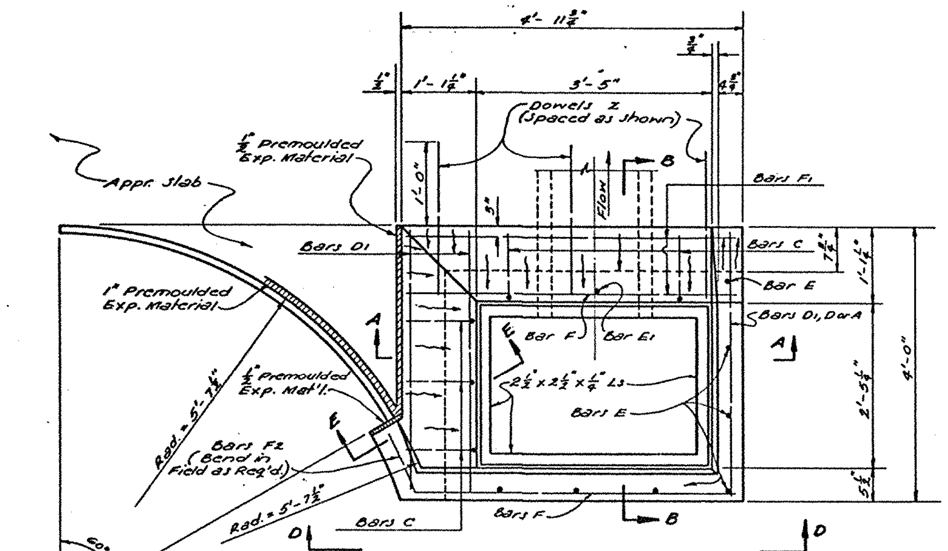
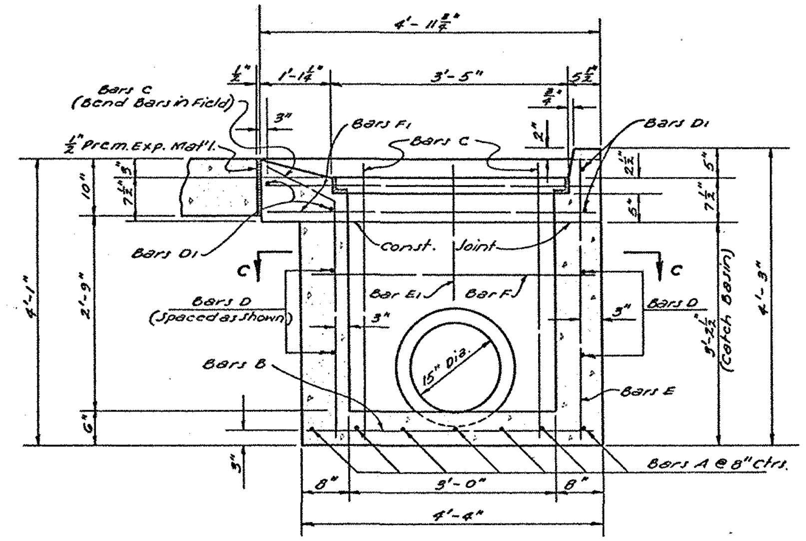
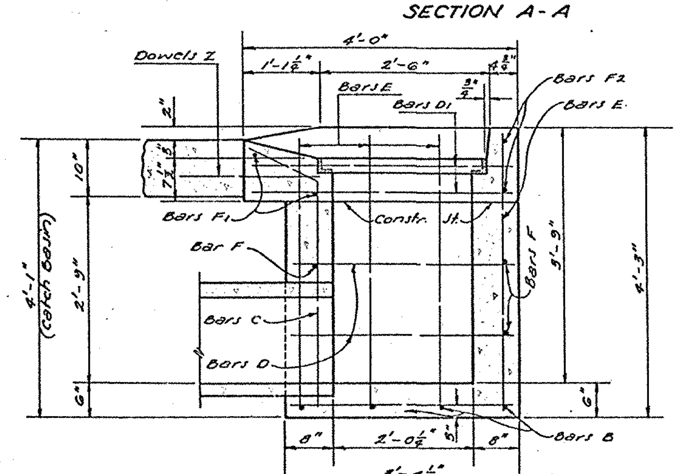
STATE PROJECT	PARISH	SHEET NO.



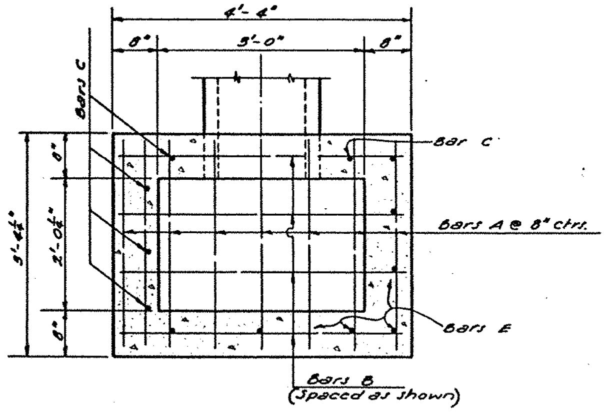
PLAN
SHOWING REINFORCING STEEL IN CURBS



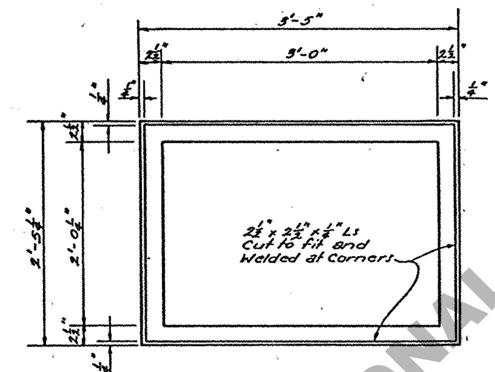
SECTION A-A



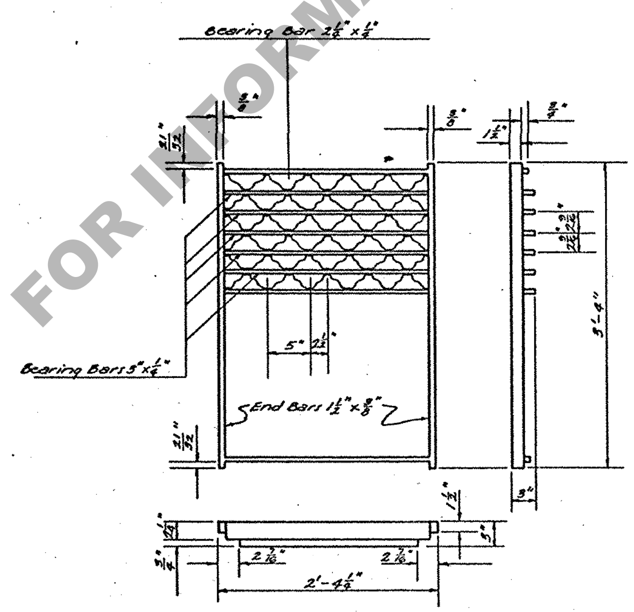
SECTION B-B



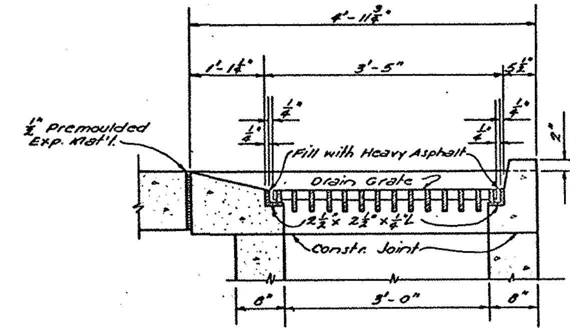
SECTION C-C
SHOWING REINFORCING STEEL IN BOTT. SLAB



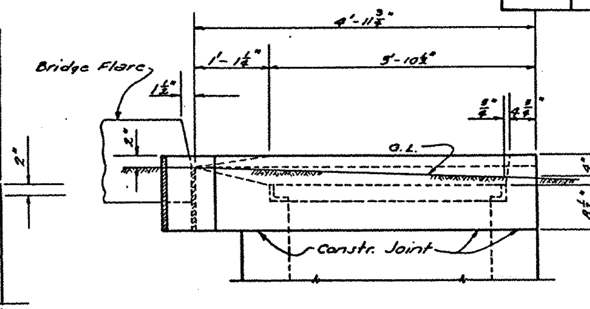
PLAN
SHOWING GRATE SEAT
WEIGHT OF GRATE SEAT = 52 LBS.



PLAN OF DRAIN GRATE



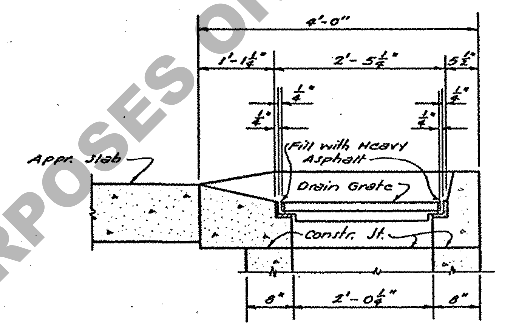
PART SECTION A-A
SHOWING DRAIN GRATE & GRATE SEAT



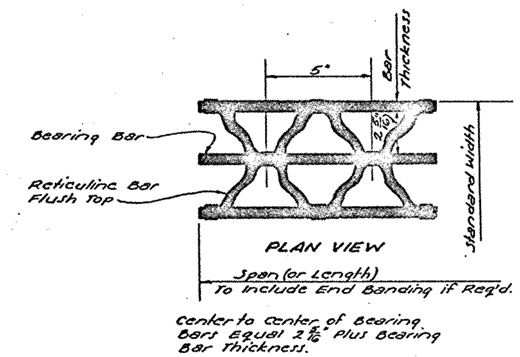
PART VIEW D-D
(REINFORCEMENT NOT SHOWN)

*QUANTITIES FOR ONE CATCH BASIN (ONE PIPE)					
BAR	SIZE	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION
A	#4	7	3'-0"	21'-0"	Bottom Slab
B	#4	4	4'-0"	16'-0"	Bottom Slab
C	#4	5	4'-3"	21'-3"	Walls & Cant. Beam
D	#4	4	3'-0"	12'-0"	Walls
D1	#4	4	3'-8"	14'-8"	Cant. Beam
E	#4	7	3'-11"	27'-5"	Walls
E1	#4	1	1'-8"	1'-8"	Walls
F	#4	3	4'-0"	12'-0"	Walls
F1	#4	2	4'-8"	9'-4"	Cant. Beam
F2	#4	2	5'-4"	10'-8"	Curbs
Z	#4	3	2'-0"	6'-0"	Cant. Beam
TOTAL #4 BARS = 152'-0" = 102 LBS.					
TOTAL REINFORCING STEEL = 102 LBS.					
CLASS "A" CONCRETE = 1.51 CU. YDS.					

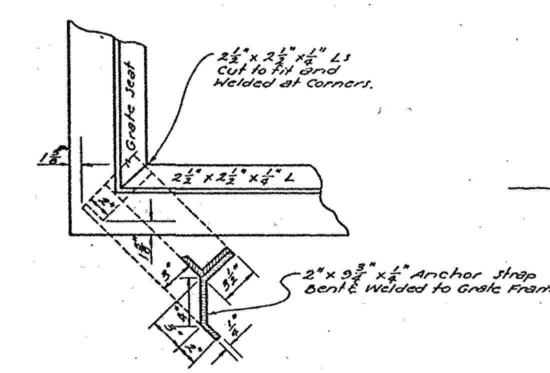
* Quantities shown are for Estimating Purposes only.



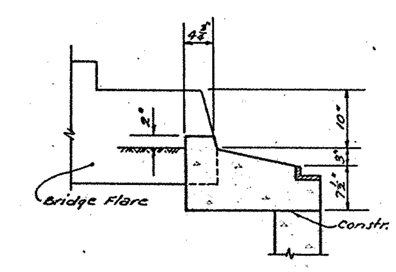
PART SECTION B-B
SHOWING DRAIN GRATE & GRATE SEAT



DETAIL OF DRAIN GRATE
WEIGHT OF DRAIN GRATE = 160 LBS.



DETAIL OF ANCHORS WELDED AT EACH CORNER OF GRATE FRAME



PART SECTION E-E
(REINFORCEMENT NOT SHOWN)

GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Std. Specs.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 as Amended to Dec. 31, 1955.
Reinforcement Bars shall be Intermediate, or Hard Grade, A.S.T.M. A15 or Rail Steel A.S.T.M. A16, Conforming to A.S.T.M. A305.
Dimensions to Reinforcing Steel are to Bar Centers.
Concrete to be Class "A".
Open Top R.C. Catch Basin Drains to be Paid for as a unit Complete in Place.
½" Premoulded Exp. Material to be Included in Price Bid for Open Top R.C. Catch Basin Drain.

→ : INDICATING SLOPE DIRECTION.

TO DRAIN BACK UNDER ROADWAY

STANDARD PLAN
OPEN TOP R.C. CATCH BASIN DRAINS
AT BRIDGE ENDS ONLY
(FOR TANGENT CROWN BRIDGES ONLY)

DATED Nov. 8, 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	DETAILED Malamas	TRACED E. C. Schiupe
CHECKED	CHECKED McBride	CHECKED Eastman

BRIDGE DESIGN SECTION

DATE	DESCRIPTION	BY
	REVISIONS	

C. M. 192