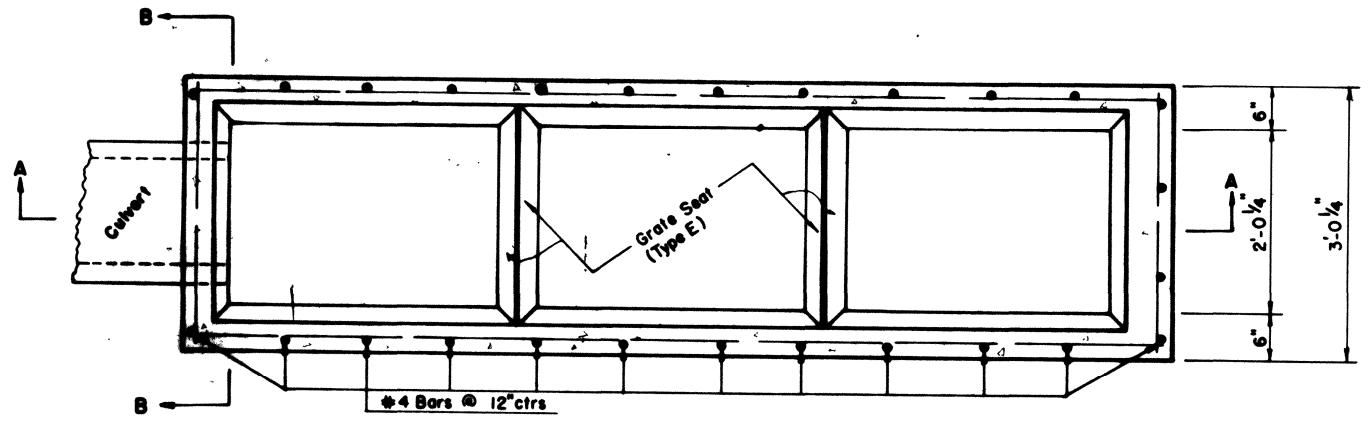
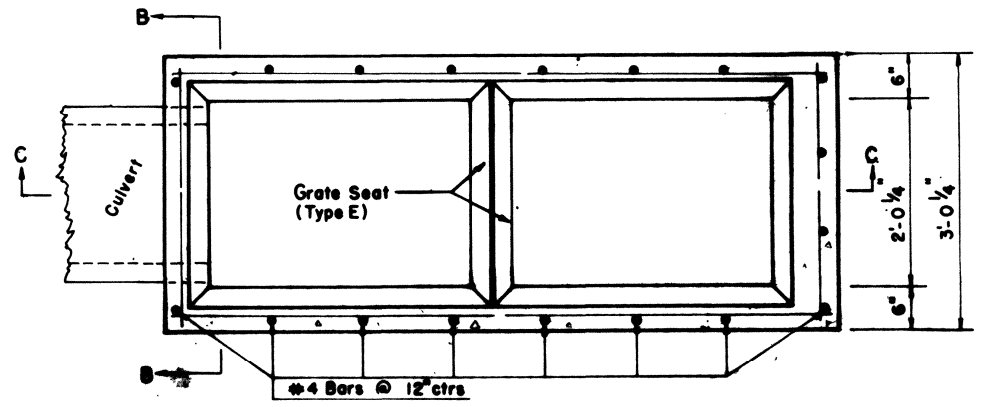
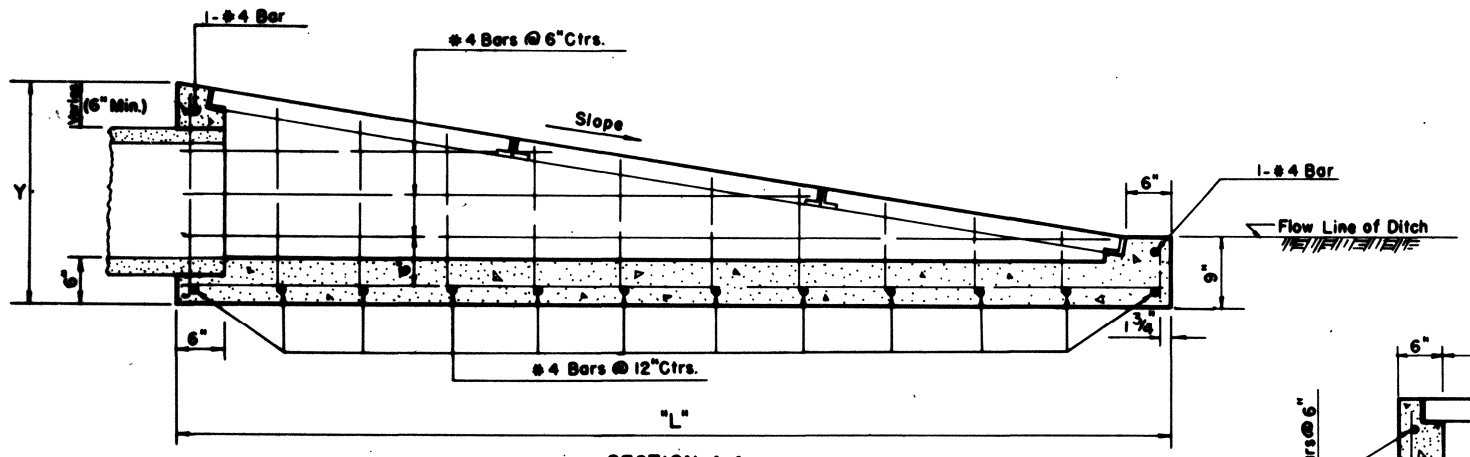
	STATE PROJECT	PARISH	SHEET NO.



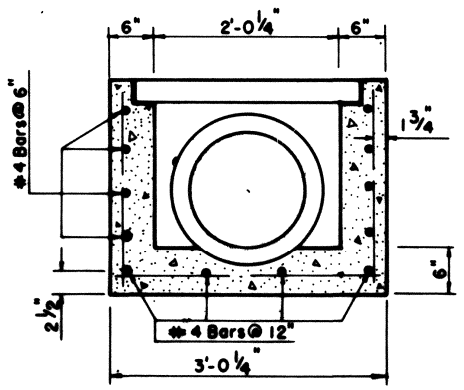
PLAN (Types P thru T)
(Grates Not Shown)



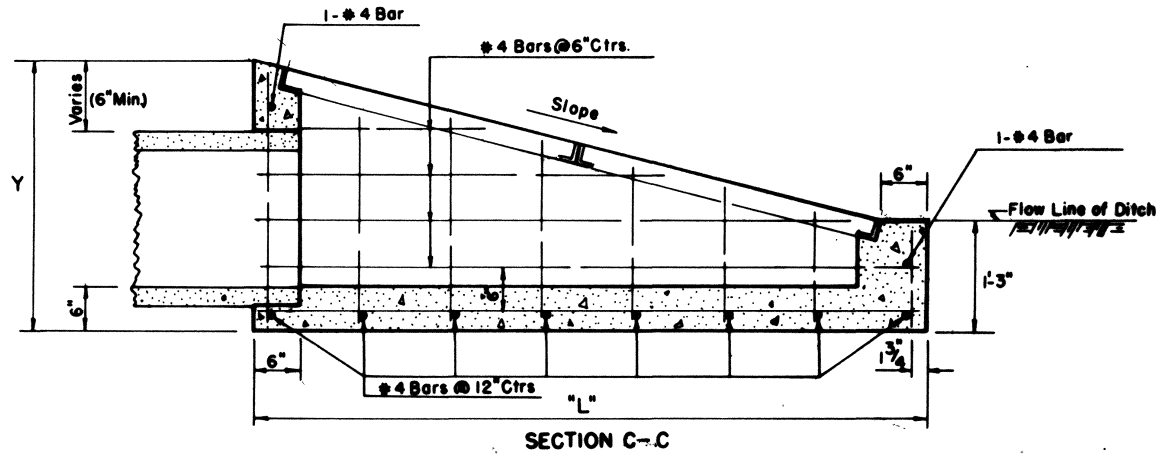
PLAN (Types U thru Z)
(Grates Not Shown)



SECTION A-A



SECTION B-B



SECTION C-C

For Dimensions and Details of Grates and Grate Seats see Std. Plan No. MC-01, Type B or Type N.

Quantities shown for concrete and steel are for estimating purpose only

NOTE: Std. Plan MC-01 (Details of Grates, Frames, Seats, Lids, etc.) may be obtained from:

ROAD DESIGN SECTION
DEPT. OF TRANSPORTATION AND DEVELOPMENT
P.O. BOX 44245
CAPITOL STATION
BATON ROUGE, LA. 70804

CULVERT	TYPE	APPROX. SLOPE	NO. GRATES ①	L	Y	CONCRETE CU. YDS.	STEEL LBS.
22"x13" CMPA *	P	10:1	4	14'-5½"	2'-1½"	1.37	123
18" RCP	Q	4:1	2	7'-4"	2'-0½"	1.02	70
	R	6:1	3	10'-10"	2'-0½"	1.12	125
24" RCP	S	4:1	3	10'-9"	3'-3"	1.20	112
	T	6:1	4	14'-3"	3'-3"	1.66	147

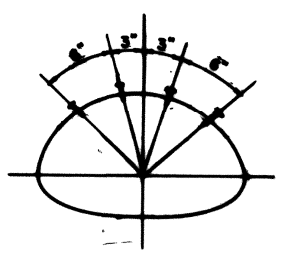
* Minimum Gage 14

① Bottom Grate to be Type N and Upper Grate(s) to be Type B.

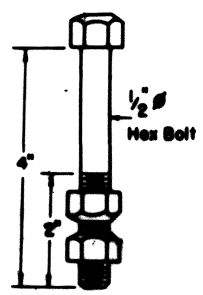
CULVERT	TYPE	APPROX. SLOPE	NO. GRATES ①	L	Y	CONCRETE CU. YDS.	STEEL LBS.
22"x13" CMPA *	U	10:1	3	11'-0"	2'-3½"	1.19	110
18" RCP	V	4:1	2	7'-8"	3'-0"	0.92	84
	W	6:1	3	10'-11"	3'-0"	1.33	120
24" RCP	X	4:1	2	7'-4"	3'-3"	0.91	89
	Z	6:1	3	10'-10"	3'-3"	1.33	126

* Minimum Gage 14

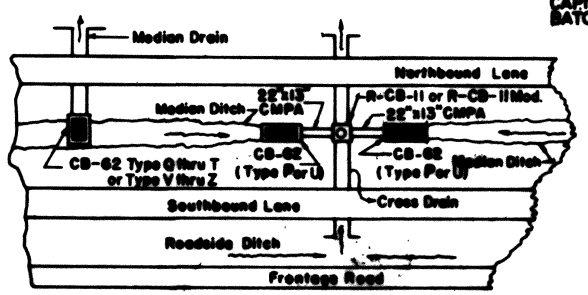
① All Grates to be Type B Grates (Std. Plan MC-01).



Layout of Anchor Bolts For 22"x13" CMPA



Typical Anchor Bolt to be Used for 22"x13" CMPA



TYPICAL INSTALLATIONS

DATE	DESCRIPTION	BY
9-25-80	Changed Bottom Grate on Types P thru T	W.T.J
5-10-78	Changed Grate & Seat Notes (MC-01)	W.T.J

REVISIONS

STANDARD PLAN NO. CB-62

SLOPED GRATE CATCH BASIN 24"RCP (Max.)

DATED JUNE 1, 19 77.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
OFFICE OF HIGHWAYS

DESIGNED	DETAILED	TRACED A. LOVE
ENGINEER	CHECKED	CHECKED

APPROVED Original Signed by Chief Engineer DATE

CHIEF ENGINEER