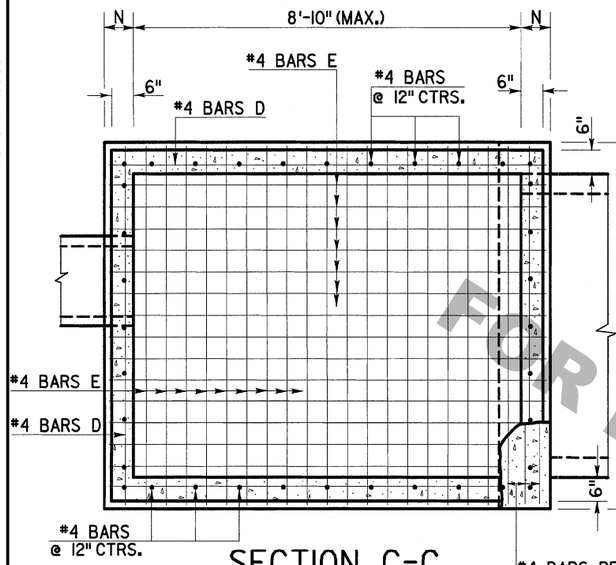
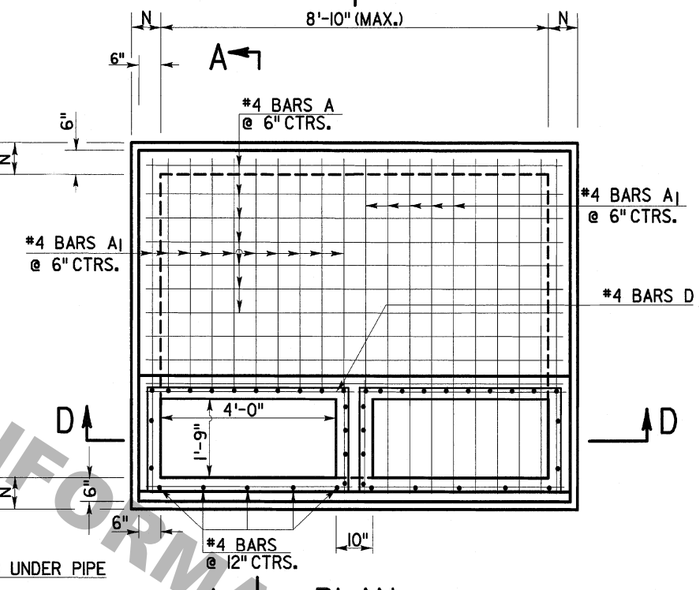
R:\Special Details\English\Old Sheets\CB-2OPEN06.dgn 15-JAN-2008 14:09

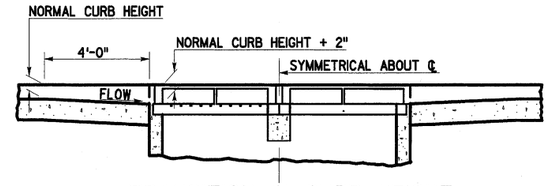
FEDERAL PROJECT	STATE PROJECT	PARISH	SHEET NO.



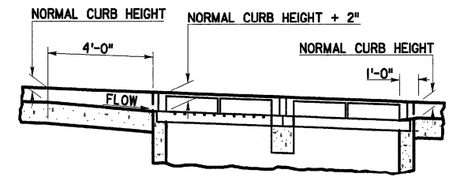
SECTION C-C
(SHOWING BOTTOM SLAB & WALL REINFORCING STEEL)



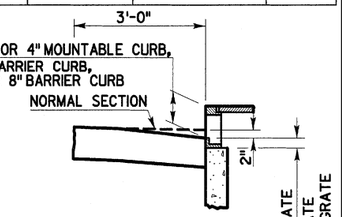
PLAN
(SHOWING TOP SLAB REINFORCING)



TRANSITION IN CURB HEIGHT CATCH BASIN AT LOW POINT

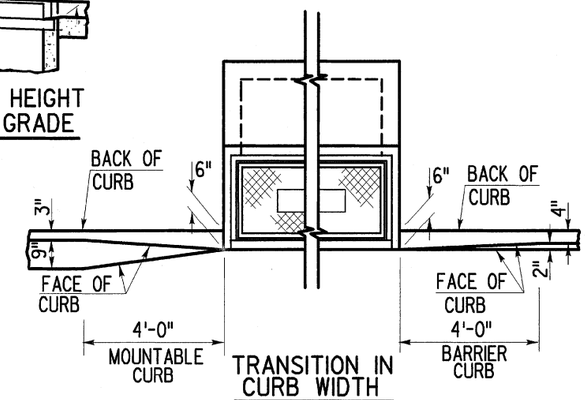


TRANSITION IN CURB HEIGHT CATCH BASIN ON A GRADE

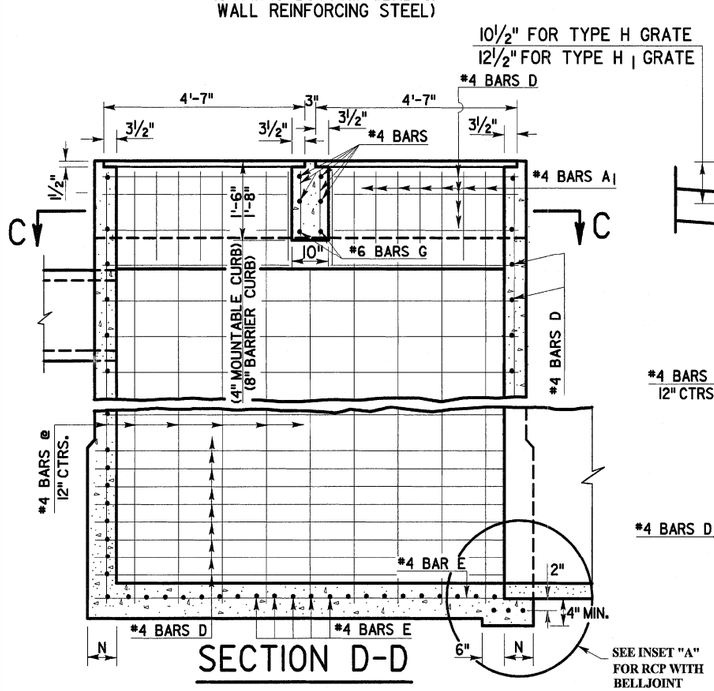


SECTION
(SHOWING PAVEMENT SUMP TYPICAL)

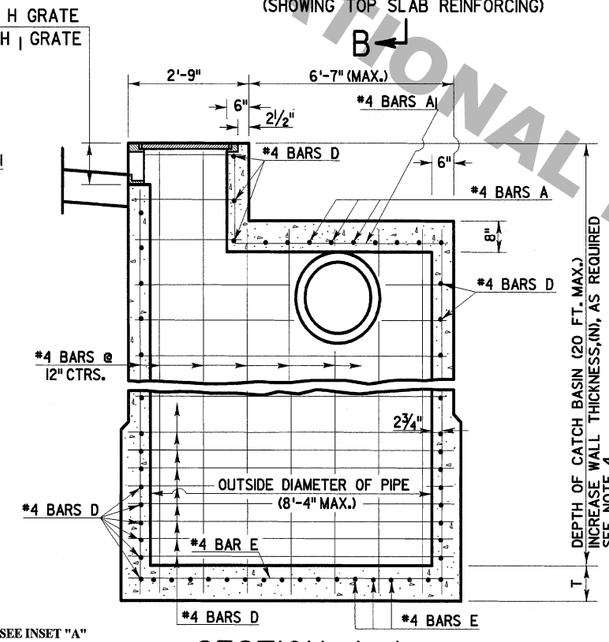
2½" FOR 8" BARRIER CURB, TYPE H GRATE
2½" FOR 6" BARRIER CURB, TYPE H GRATE
4½" FOR 4" MOUNTABLE CURB, TYPE H GRATE



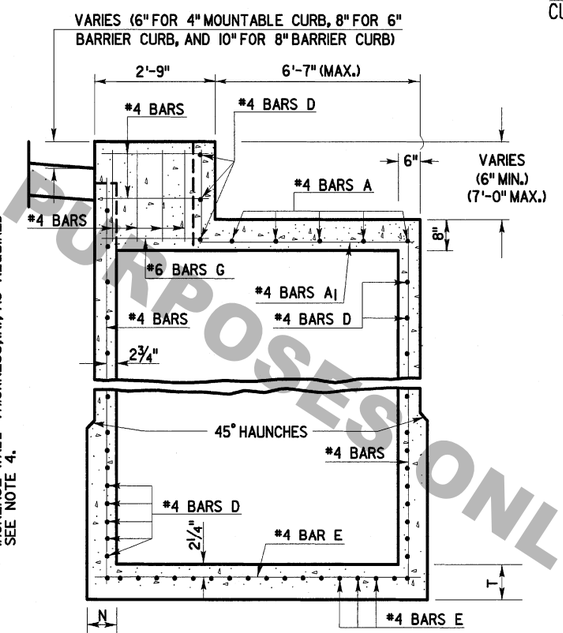
TRANSITION IN CURB WIDTH
(TYPICAL)



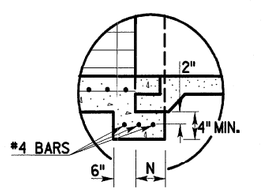
SECTION D-D



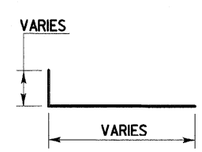
SECTION A-A



SECTION B-B



INSET "A"
RCP WITH BELLJOINT



#4 BARS A1

GENERAL NOTES:

1. CATCH BASIN IS DESIGNED ACCORDING TO CURRENT AASHTO PROCEDURES. SECTION 702 OF THE DOTD STANDARD SPECIFICATIONS SHALL APPLY.
2. CONCRETE: ALL CONCRETE SHALL BE CLASS "A" MINOR STRUCTURE. ALL EXPOSED EDGES SHALL BE CHAMFERED ¾ IN. EXCEPT AS NOTED.
3. REINFORCING STEEL: REINFORCING STEEL SHALL BE GRADE 60. DIMENSIONS ARE TO BAR CENTERS. MINIMUM COVER FOR REINFORCING BARS SHALL BE 2 IN. CLEAR UNLESS SHOWN OTHERWISE.
4. AS DEPTH INCREASES THE WALL AND SLAB THICKNESSES AND REINFORCEMENT SHOULD BE INCREASED AS SHOWN IN THE TABLE BELOW. THE CONTRACTOR HAS THE OPTION TO PROVIDE THE MAXIMUM REQUIRED WALL THICKNESS FOR THE FULL DEPTH OF THE STRUCTURE.

DEPTH RANGE	WALLS				BOTTOM SLAB			
	N	D BARS			T	E BARS		
	IN.	SIZE	SPAC., IN.	As*	IN.	SIZE	SPAC., IN.	As*
0' TO 7'	6.0	4	6.0	0.40	6.0	4	7.5	0.32
7'-1" TO 11'	7.0	4	5.0	0.48	6.5	4	5.5	0.44
11'-1" TO 18'	8.0	4	4.0	0.60	7.5	4	4.5	0.53
18'-1" TO 20'	8.5	4	4.0	0.60	8.0	4	4.0	0.60

*BAR SIZES AND SPACING MAY BE DIFFERENT THAN REQUIRED BUT THE AREA OF STEEL (As), SHALL BE EQUAL TO OR GREATER THAN REQUIRED. ALTERNATE BAR SIZE AND SPACING TO BE APPROVED BY THE PROJECT ENGINEER.

5. FOR DETAILS OF METAL COVER, FRAME, AND GRATE, SEE STD. PLAN MC-01, TYPE H & TYPE H1.
6. THE CONTRACTOR WILL NOT POUR ABOVE THE BOTTOM OF THE SLAB UNTIL THE PAVING ADJACENT TO THE CATCH BASIN HAS BEEN COMPLETED.

STATE OF LOUISIANA
JACK C. MANNO
REG. No. 10494
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
Jack C. Manno
1-17-07

DATE	DESCRIPTION	BY
1-17-07	Rev. Max. Dimension in Section A-A	JDK
8-19-98	Changed Sheet Border & Added Name	JCM

REVISIONS

SPECIAL DETAIL NO. CB-2OPEN06 — SHEET 1 OF 1

DOUBLE CURB OPENING CATCH BASIN

4" MOUNTABLE OR 6" BARRIER OR 8" BARRIER CURB
MAX. PIPE PARALLEL TO CURB: 84" RCP OR 96" CMP
MAX. PIPE PERPENDICULAR TO CURB: 84" RCP OR 96" CMP

DATED MARCH 1, 1991 — MAX. DEPTH: 20'

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DESIGNED P.A.A.	DETAILED K.A.J.	DIR. /spdetail/cbasin/
CHECKED	CHECKED P.A.A.	FILE cb-2open06.dgn

HYDRAULICS SECTION

FOR INFORMATIONAL PURPOSES ONLY