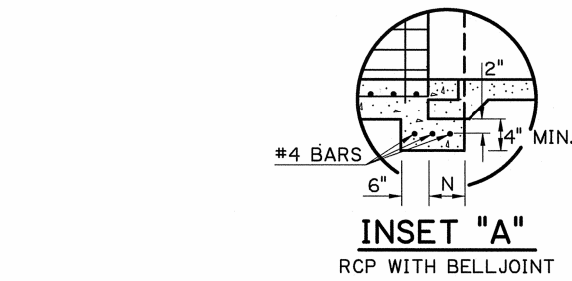
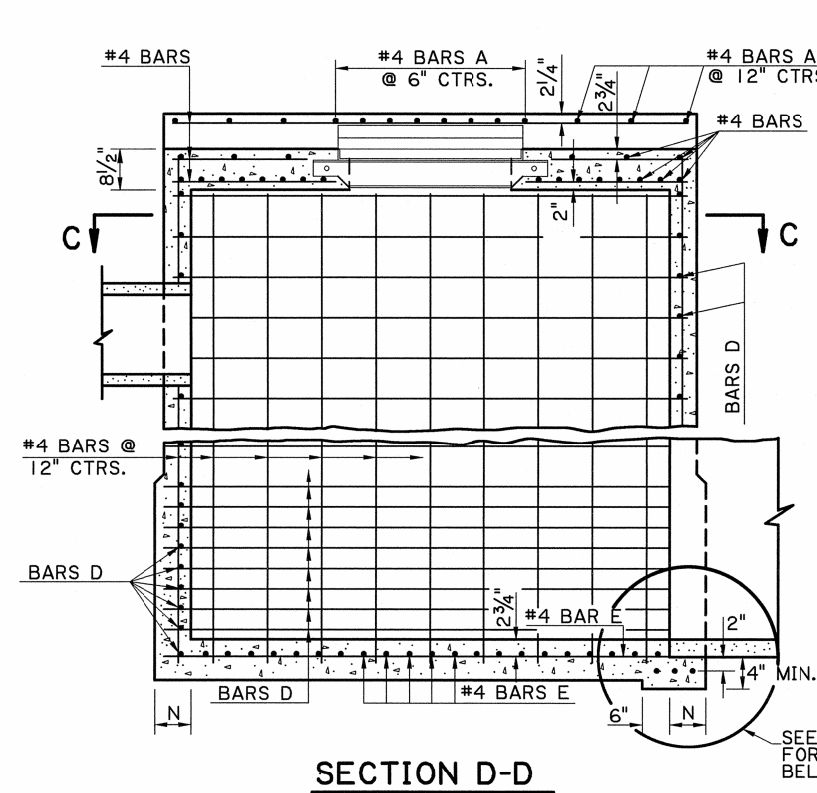
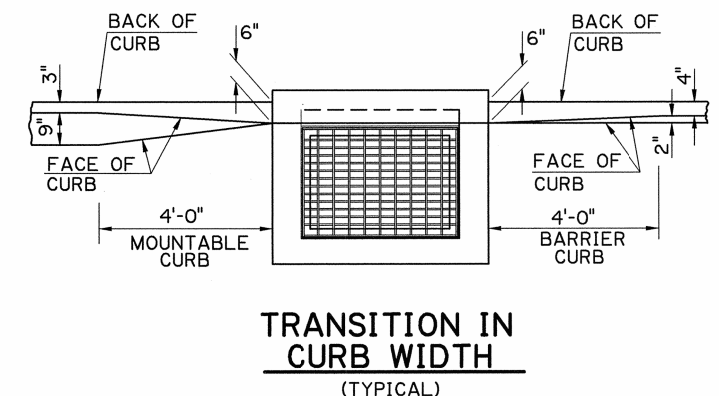
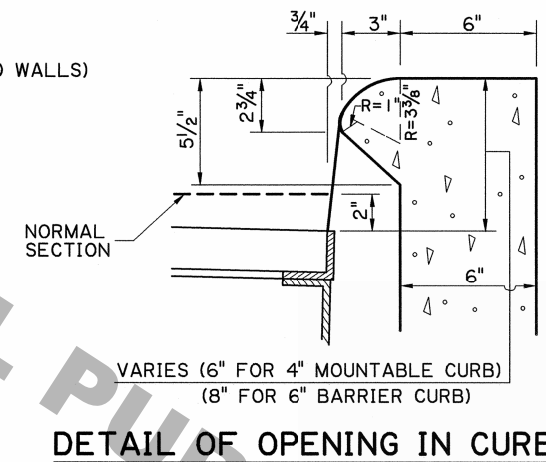
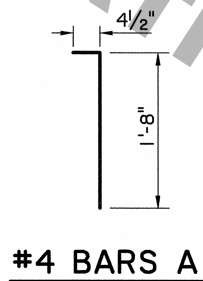


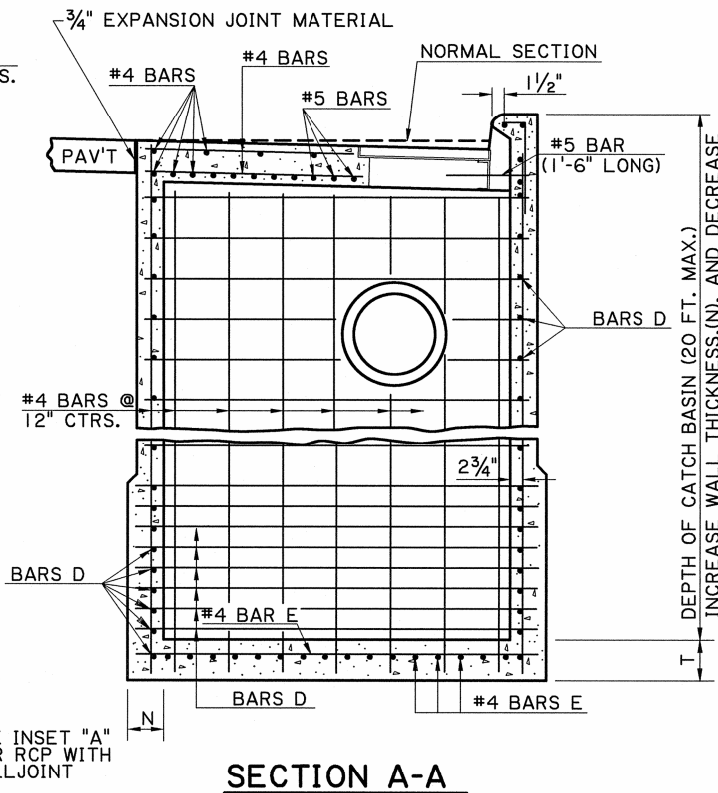
TOP SLAB PLAN



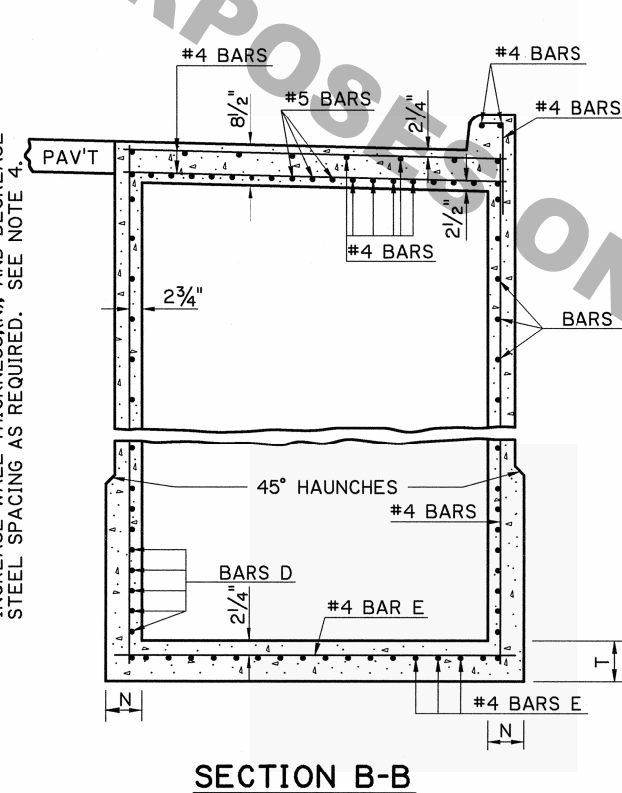
SECTIONAL PLAN
(SHOWING REINFORCING IN BOTTOM SLAB AND WALLS)



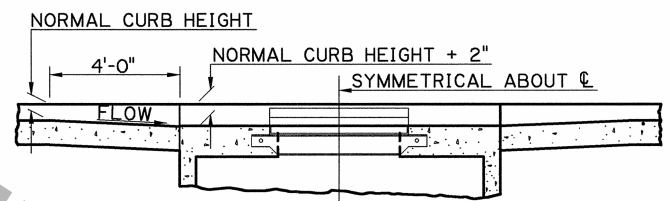
SECTION D-D



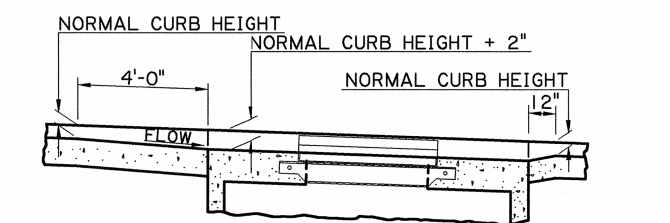
SECTION A-A



SECTION B-B



TRANSITION IN CURB HEIGHT CATCH BASIN AT LOW POINT



TRANSITION IN CURB HEIGHT CATCH BASIN ON A GRADE

GENERAL NOTES:

1. CATCH BASIN IS DESIGNED ACCORDING TO 4TH ED. 2007 AASHTO LRFD PROCEDURES, SECTION 702 OF THE DOTD STANDARD SPECIFICATIONS SHALL APPLY.
2. CONCRETE: ALL CONCRETE SHALL BE CLASS "M" MINOR STRUCTURE. ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4 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 IN. SIZE	D BARS SPAC., IN.	T IN. SIZE	E BARS SPAC., IN.
0' TO 9'	6.0	4	5.0	6.0
9'-1" TO 12'	6.5	4	4.5	6.5
12'-1" TO 16'	7.0	5	5.5	7.0
16'-1" TO 20'	7.5	5	5.0	7.5

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

SHEET NUMBER: _____

DESIGNED: PAA
CHECKED: _____

DATE: 8-22-97

PROJECT: _____

DATE: 10.7.10

REVISION DESCRIPTION: Revised To 2007 AASHTO LRFD Procedures
Converted Metric CB-09M to English CB-09

APPROVED BY: _____
DATE: _____
CHIEF ENGINEER: _____

COMBINATION TYPE CATCH BASIN (TRUNKLINE UNDER PAVEMENT)
4" Mountable Or 6" Barrier Curb
Max. Pipe: 84" x 84" RCP, Max. Depth: 20'

STANDARD PLAN: CB-09

HYDRAULICS SECTION