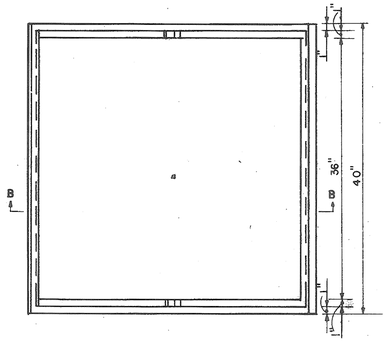
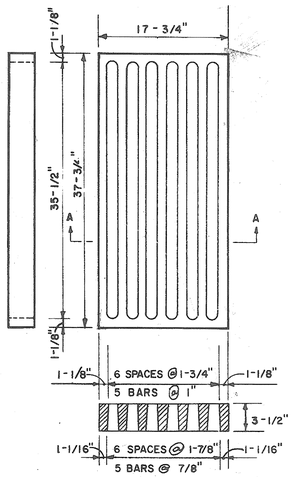
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		13	18



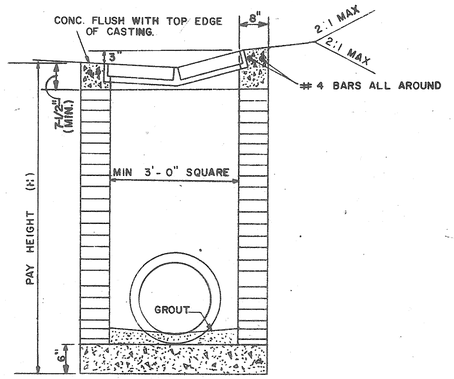
FRAME

NOTE: GRATE SHOWN BELOW SHALL NOT BE USED WHERE BICYCLES ARE PERMITTED.

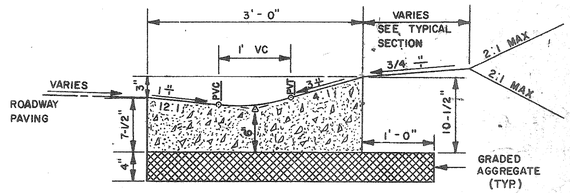


SECTION A-A

GRATE - 2 EACH REQUIRED

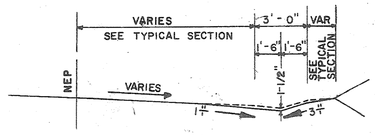


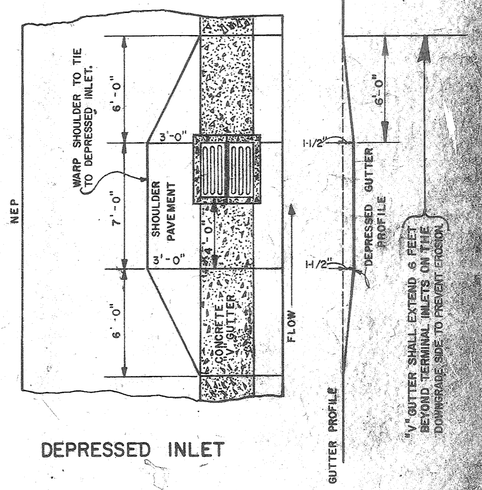
TYPE "V" INLET
(PIPE TO 30" TYP.)



1. CONCRETE SHALL BE CLASS "A", OR PER SECTION 441.
2. BASIS OF PAYMENT: CONCRETE "V" GUTTER PER LIN. FT.

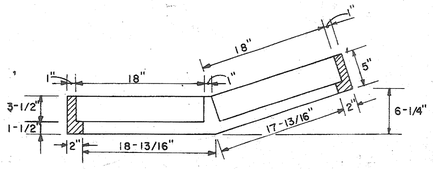
SPECIAL DESIGN
"V" GUTTER DETAILS





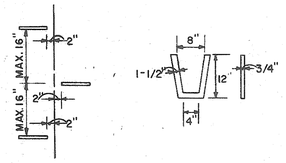
DEPRESSED INLET

MIN. H FOR PIPES TO 30 IN.	
PIPE SIZE	MIN. "H"
15"	3'-9"
18"	4'-2"
24"	4'-9"
30"	5'-4"



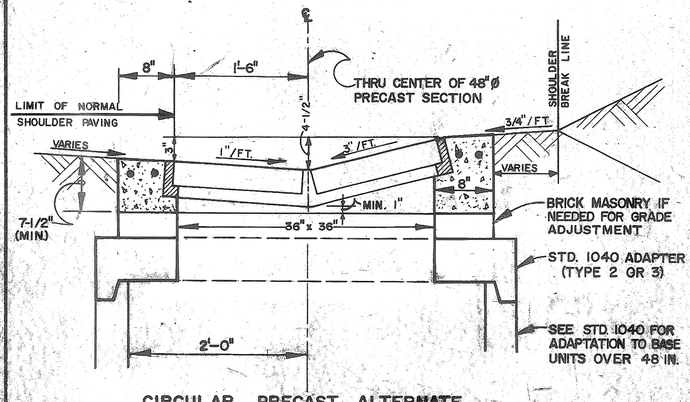
SECTION B-B

NOTE: FRAME AND GRATE SHALL BE GRAY IRON DRAINAGE CASTINGS, SEE GEORGIA D.O.T. STANDARD SPECIFICATIONS 654.



CAST IRON STEPS

NUMBER AND LOCATION OF STEPS WILL BE AS DIRECTED BY ENGINEER. AN ALTERNATE STEP MAY BE SUBSTITUTED IF APPROVED BY THE LABORATORY.

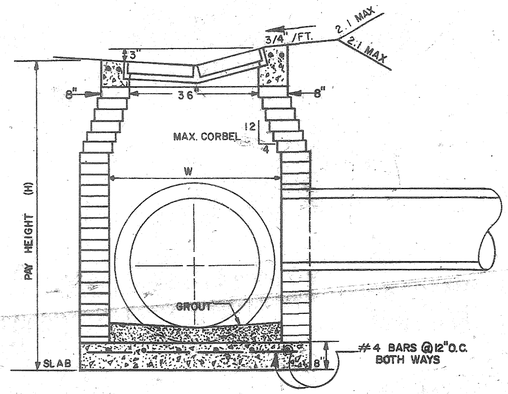


CIRCULAR PRECAST ALTERNATE

THICKNESS OF BRICK WALLS	
DEPTH	THICKNESS
0' - 10'	8"
10' - 20'	12"
OVER 20'	16"

MIN H FOR PIPES OVER 30"		
PIPE SIZE	W*	MIN. H
36"	4'-0"	6'-6"
42"	4'-8"	7'-8"
48"	5'-0"	8'-2"
54"	5'-6"	9'-9"
60"	6'-6"	11'-9"

* W TO BE INCREASED WHERE NECESSARY TO ACCOMMODATE LARGER PIPES OR PIPES ON SKEWS WITH MINIMUM H INCREASED ACCORDINGLY.



DETAIL FOR EXTRA WIDTH TYPE "V" INLETS WHERE REQUIRED TO ACCOMMODATE PIPES LARGER THAN 30" (TYPICAL) OR SKEWED PIPES

TYPE "V" INLET

NOTES:

1. SEE SECTION 668. OF GEORGIA D.O.T. STANDARD SPECIFICATIONS FOR MATERIALS, CONSTRUCTION DETAILS, MEASUREMENTS, & PAYMENT FOR THIS STRUCTURE, EXCEPT AS NOTED.
2. ALL CONCRETE SHALL BE CLASS "A" FOR BUILT-IN-PLACE INLET CONSTRUCTION. CONCRETE FOR "V" GUTTER MAY BE EITHER CLASS "A" OR PER SECTION 441.
3. IF "V" GUTTER INLET SYSTEM IS TERMINATED IN SAG OR LOW AREA, AN EXTENSION OF THE GUTTER PAST LOWEST INLET OR OTHER APPROVED EROSION PROTECTION SHALL BE PROVIDED.
4. CONSTRUCTION ALTERNATES FOR INLETS SHALL BE:
   (A) BRICK MASONRY AS SHOWN;
   (B) CIRCULAR PRECAST (SEE BOTTOM LEFT & STD. 1040)
   (C) REINFORCED CONCRETE (SEE STD. 1019-A)
5. MINIMUM INLET DIMENSIONS GIVEN IN THE TABLES ARE TYPICAL FOR CONCRETE PIPE AND MAY BE ADJUSTED WHERE SPECIFIED BY EITHER THE DESIGNER OR THE ENGINEER.

CONSTRUCTION DETAILS
TYPE "V" INLET
"V" GUTTER DETAILS

GEN. REV. - 6/14/90

D-33

FORM NO. 16-INTO