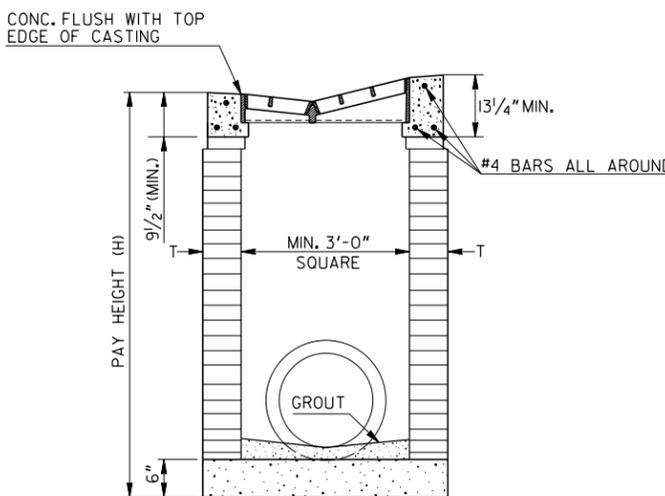
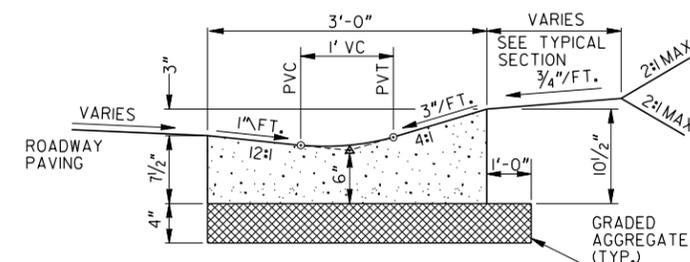


TYPE "V" INLET
(PIPE TO 30" TYP.)

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



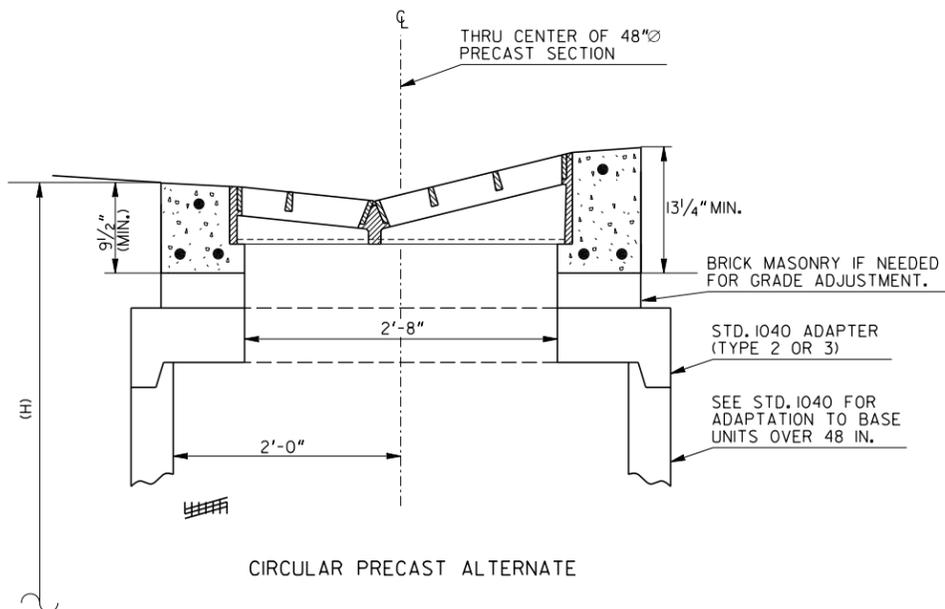
SPECIAL NOTE:
THE GRATE SHOWN ON THESE
DETAILS MAY BE USED WHERE
BICYCLES ARE PERMITTED.



1. CONCRETE SHALL BE CLASS "A" OR PER SECTION 44L.
2. BASIS OF PAVEMENT: CONCRETE "V" GUTTER PER LIN. FT.

SPECIAL DESIGN
"V" GUTTER DETAILS

NOTE: THE GRATES AND FRAMES FOR THE INLETS SHOWN SHALL BE ITEM R-3501-U, AS SHOWN ON PAGE 213 OF THE NEENAH FOUNDRY COMPANY CATALOG 15TH EDITION, OR EQUIVALENT.

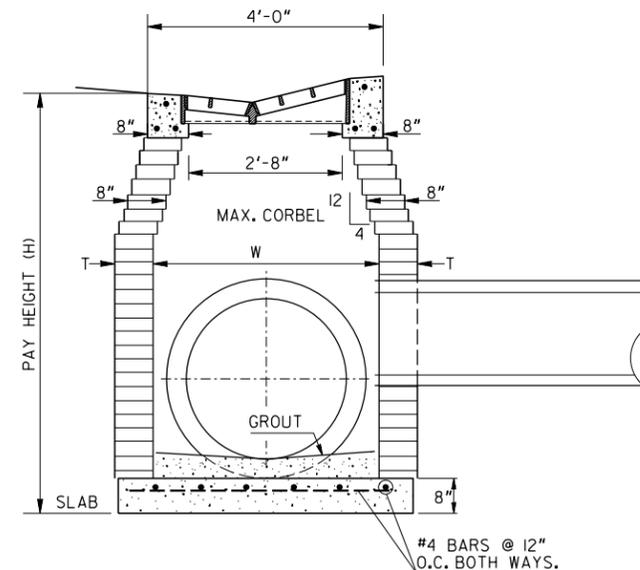


CIRCULAR PRECAST ALTERNATE

| THICKNESS OF BRICK WALLS | |
|--------------------------|---------------|
| DEPTH | THICKNESS (T) |
| 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

NOTE:
ALL TYPE "V" INLETS WITH "H" OVER FOUR (4) FEET SHALL HAVE STEPS OR LADDER BARS, NUMBER, TYPE, AND LOCATION TO BE AS DIRECTED BY THE ENGINEER.

NOTES:

- SEE SECTION 668. OF GEORGIA D.O.T. STANDARD SPECIFICATIONS FOR MATERIALS, CONSTRUCTION DETAILS, MEASUREMENTS, & PAYMENT FOR THIS STRUCTURE, EXCEPT AS NOTED.
- ALL CONCRETE SHALL BE CLASS "A" FOR BUILT-IN-PLACE INLET CONSTRUCTION. CONCRETE FOR "V" GUTTER MAY BE EITHER CLASS "A" OR PER SECTION 44L.
- 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.
- 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.)
- 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.

| DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA | |
|---|-----------------|
| CONSTRUCTION DETAIL | |
| TYPE "V" INLET "V" GUTTER DETAILS (WITH BICYCLE-SAFE GRATE) | |
| DATE | JULY 1996 |
| REVISION | NOT TO SCALE |
| BY | NUMBER D-33B |