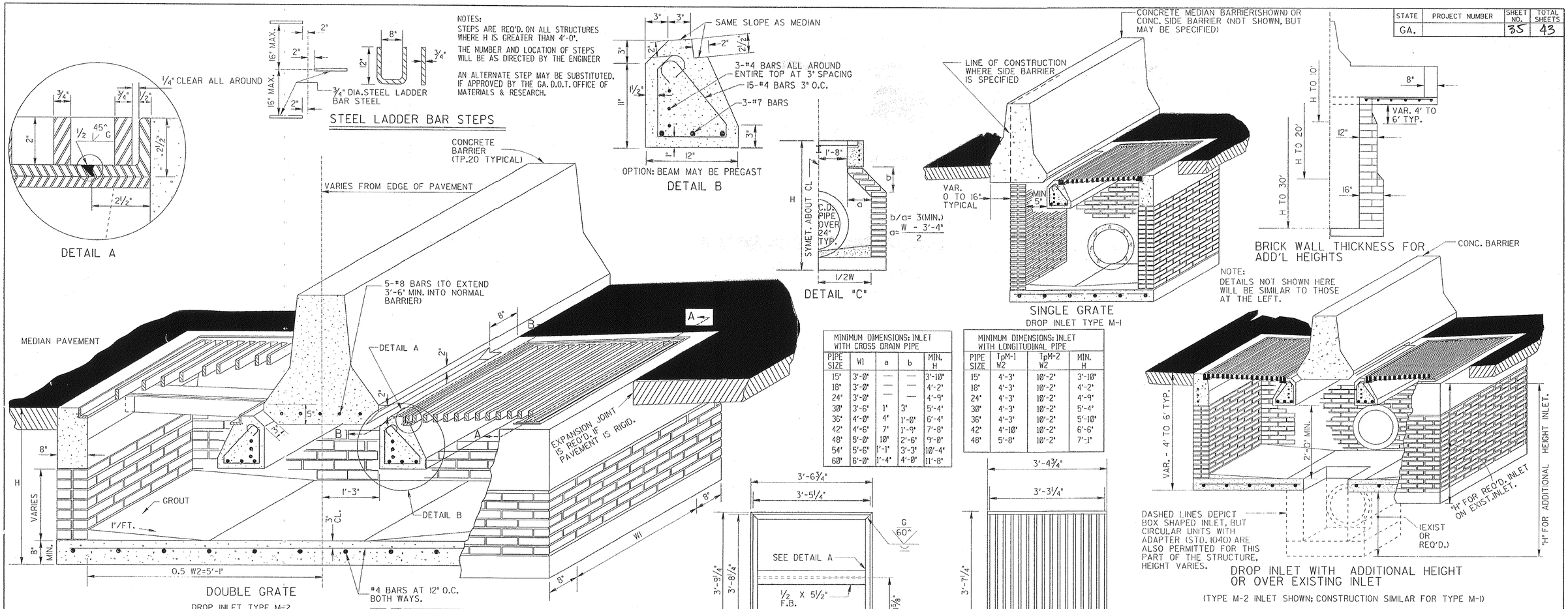
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| GA. | | 35 | 43 |




| MINIMUM DIMENSIONS: INLET WITH CROSS DRAIN PIPE | | | | |
|---|---|---|---|---|
| PIPE SIZE | W1 | a | b | MIN. H |
| 15" | 3'-0" | — | — | 3'-10" |
| 18" | 3'-0" | — | — | 4'-2" |
| 24" | 3'-0" | — | — | 4'-9" |
| 30" | 3'-6" | 1" | 3" | 5'-4" |
| 36" | 4'-0" | 4" | 1'-0" | 6'-4" |
| 42" | 4'-6" | 7" | 1'-9" | 7'-8" |
| 48" | 5'-0" | 10" | 2'-6" | 9'-0" |
| 54" | 5'-6" | 1'-1" | 3'-3" | 10'-4" |
| 60" | 6'-0" | 1'-4" | 4'-0" | 11'-8" |

| MINIMUM DIMENSIONS: INLET WITH LONGITUDINAL PIPE | | | |
|---|---|---|---|
| PIPE SIZE | TpM-1 W2 | TpM-2 W2 | MIN. H |
| 15" | 4'-3" | 10'-2" | 3'-10" |
| 18" | 4'-3" | 10'-2" | 4'-2" |
| 24" | 4'-3" | 10'-2" | 4'-9" |
| 30" | 4'-3" | 10'-2" | 5'-4" |
| 36" | 4'-3" | 10'-2" | 5'-10" |
| 42" | 4'-10" | 10'-2" | 6'-6" |
| 48" | 5'-8" | 10'-2" | 7'-1" |

## GENERAL NOTES

1. SPECIFICATION : GEORGIA STANDARD CURRENT EDITION, AND SUPPLEMENTS THERETO.
2. INLETS SHALL BE DESIGNATED AS GROUP 1 (SEC. 668) UNLESS A CROSS DRAIN PIPE OVER 36" CONNECTS TO A REQUIRED PART OF THE INLET.
3. INVERTS AND PIPES SHOWN ARE ILLUSTRATIVE. SEE PLANS FOR SPECIFICS. INVERTS SHALL BE FORMED WITH GROUT OR CONCRETE AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. FOR CONCRETE BARRIER DETAILS NOT SHOWN, SEE SEPARATE STANDARDS OR PLAN DETAILS. IF THE ROADWAY BARRIER HAS REINFORCING STEEL, THE REINFORCING SHALL BE CONTINUED IN BARRIER SECTION ACROSS THE INLET. ADDITIONAL REINFORCING REQUIRED WHERE SHOWN.
5. BOTH THE GRATE AND THE FRAME SHALL BE EITHER A-36 STEEL; HOT-DIPPED GALVANIZED, A-123. AFTER FABRICATION ——OR A-588 STEEL; NOT GALVANIZED DRILL 1/4 " DIA HOLE IN ONE FRAME CORNER FOR A-36 STEEL TO PREVENT BUILD-UP OF GALVNIZING MATERIAL.
6. IF BARRIER (OR WALL) FOOTING PREVENTS NORMAL LOCATION OF LONGITUDINAL PIPE, W2 MAY BE ENLARGED TO RECEIVE AN OFFSET LONGITUDINAL ——OR 18" DIA. 60° WYE CONNECTION MAY BE USED TO DRAIN NORMAL SIZE INLET INTO THE OFFSET LONGITUDINAL. WHERE WYE CONNECTIONS ARE USED, MANHOLES SHALL BE SPACED AT 600'+- INTERVALS IN PLACE OF WYE CONNECTION. IF DRAINAGE PERMITS, & STRUCTURAL APPROVAL IS MADE, LONGITUDINAL PIPE MAY BE LOCATED UNDER THE FOOTING.

SPECIAL NOTE:
STANDARD 5001-M INLET GRATES ARE FOR USE ONLY ON LIMITED ACCESS TYPE FACILITIES.

| BY | REVISION | DATE |
|---|---|---|
| G.J.P. | REDRAWN | 6-30-98 |
| R.M.U. | ADD SPECIAL NOTE | 8-15-97 |
| R.M.U. | ADD NOTE 6 | 9-11-94 |

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
DROP INLET TYPES M-1 & M-2
ADJACENT TO CONCRETE BARRIER

NO SCALE — MAY 1996

DES. W.W.S. (SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGR.
DRW. L.G.S.
TRA. R.M.U.
CHK. R.K.C. (APPROVED) CHIEF ENGINEER

NUMBER 5001M
SHEET 1 OF 2