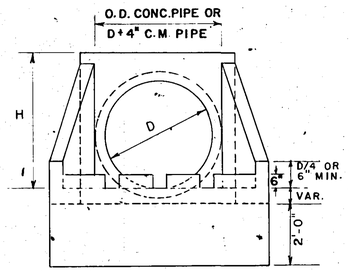
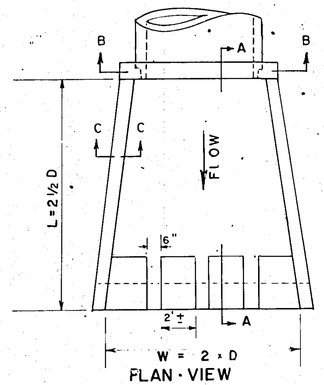
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| GA. | EDF-017-3(39) | 111 | 194 |

## OUTLET HEADWALL

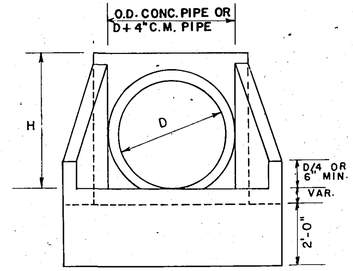



FRONT ELEVATION

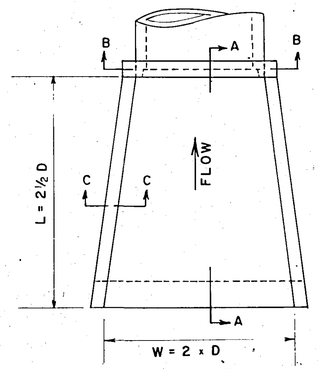



PLAN VIEW

## INLET HEADWALL



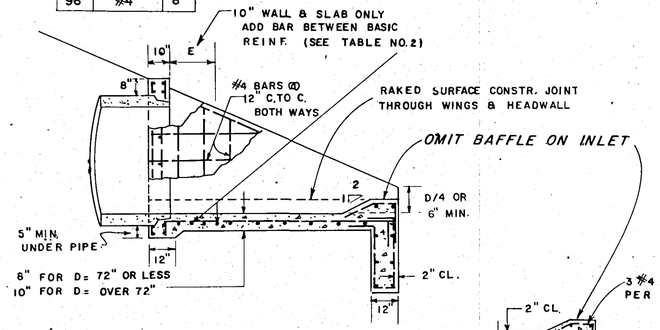

FRONT ELEVATION



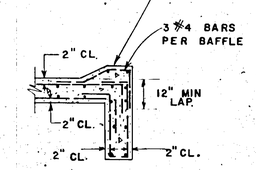

PLAN VIEW

D = INSIDE DIAMETER OF PIPE

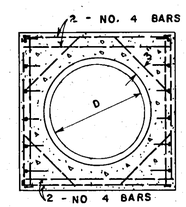
| TABLE NO. 2 | | |
|---|---|---|
| D | ADD'L-BAR | E |
| 84" | #4 | 5' |
| 96" | #4 | 8' |



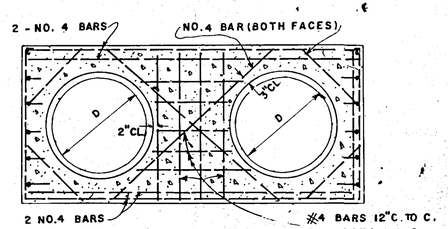

SECTION A-A



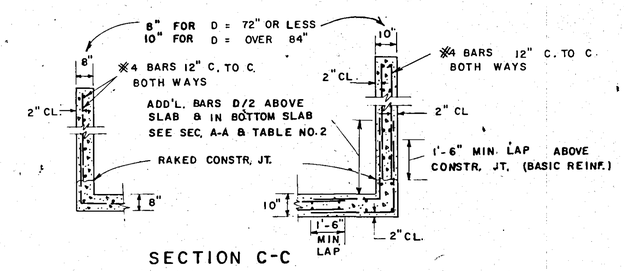

10" SLAB




SECTION B-B
(SINGLE PIPE LINE)




SECTION B-B
(MULTIPLE PIPE LINE)




SECTION C-C

TABLE NO. 1 - QUANTITIES FOR HEADWALLS

| D | CU. YDS. CONCRETE (PAY QUANTITIES)* | | | | | | LBS. STEEL (GIVEN FOR INFORMATION ONLY) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FOR SINGLE LINE | | | ADD FOR EACH ADD'L LINE | | | FOR SINGLE LINE | | | ADD FOR EACH ADD'L LINE | | |
| | INLET | OUTLET | | INLET | OUTLET | | INLET | OUTLET | | INLET | OUTLET | |
| 15" | 0.87 | 0.93 | | 0.60 | 0.66 | | 102 | 113 | | 73 | 83 | |
| 18" | 1.10 | 1.16 | | 0.85 | 0.93 | | 106 | 117 | | 93 | 104 | |
| 24" | 1.61 | 1.69 | | 1.29 | 1.37 | | 127 | 138 | | 124 | 134 | |
| 30" | 2.21 | 2.32 | | 1.83 | 1.96 | | 170 | 180 | | 154 | 164 | |
| 36" | 2.92 | 3.05 | | 2.49 | 2.63 | | 238 | 254 | | 196 | 212 | |
| 42" | 3.73 | 3.87 | | 3.00 | 3.17 | | 290 | 306 | | 231 | 247 | |
| 48" | 4.62 | 4.80 | | 3.58 | 3.74 | | 335 | 351 | | 265 | 281 | |
| 54" | 5.63 | 5.83 | | 4.17 | 4.38 | | 407 | 428 | | 319 | 340 | |
| 60" | 6.72 | 6.95 | | 4.82 | 5.01 | | 456 | 477 | | 360 | 391 | |
| 72" | 9.22 | 9.48 | | 6.24 | 6.46 | | 623 | 649 | | 475 | 494 | |
| 84" | 14.84 | 15.19 | | 9.05 | 9.29 | | 1517 | 1549 | | 1017 | 1044 | |
| 96" | 18.88 | 19.27 | | 11.13 | 11.41 | | 2118 | 2150 | | 1323 | 1350 | |

* NOTE:
QUANTITIES SHOWN WILL BE ACTUAL PAY QUANTITIES FOR CLASS "A" CONCRETE INCLUDING REINFORCED STEEL. NO ADJUSTMENT WILL BE MADE FOR AS BUILT QUANTITIES.

D = INSIDE DIAMETER OF PIPE CULVERT

H = D + PIPE WALL THICKNESS + 8" FOR CONC. PIPE
H = D + 10" MIN. FOR C.M. PIPE

REM. TAP. PIPE INLET 11-22-85

R.M.U.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD

INLET HEADWALL — OUTLET HEADWALL

NO SCALE

NOVEMBER, 1980

DES. 3-70
DRW. J.M.W.
TRA. G.M.E.
CHK. R.M.U.

(SUBMITTED) Floyd E. Hardy
STATE ROAD & AIRPORT DESIGN ENG.
(APPROVED) Thomas D. Moreland
STATE HIGHWAY ENGINEER

NUMBER
1125

FORM EF3

PENIGETER REPROGRAPHICS