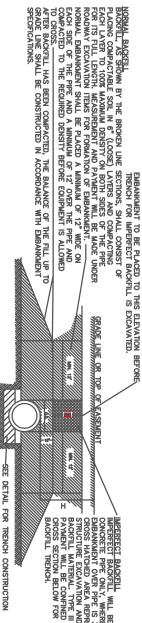
LONGITUDINAL SECTION OF IMPERFECT BACKFILL AND BACKFILL METHODS N.T.S.



WPERFECT BACKFILL
WERRECT BACKFILL WILL BE USED WITH
WPERFECT BACKFILL WILL BE USED WITH
CONCRETE PIPE ONLY, WHERE THE HEIGHT OF
EMBANKMENT OVER PIPE IS 30 FEET OR MORE.
CROSS HATCHED ARCA REPRESENTS LIMITS OF
STRUCTURE EXCAVATION AND IMPERFECT TRENCH
BACKFILL MATERIAL. TYPE III MEASUREMENT AND
PAYMENT WILL BE CONFINED TO THESE LIMITS. SEE
PAYMENT WILL BE CONFINED TO THESE LIMITS. SEE
PAYMENT WILL BE CONFINED TO THESE LIMITS. SEE
BACKFILL TRENCH.

CROSS SECTION OF IMPERFECT TRENCH BACKFILL

DETAIL OF TRENCH CONSTRUCTION

CONCRETE PIPE

30

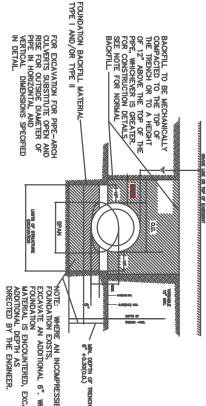
O.D.

84-8

GRADE LINE

NOTE: CROSS HATCHED AREA REPRESENTS CONSTRUCTION LIMITS OF MEASUREMENT FOR STRUCTURE EXCAVATION AND IMPERFECT TRENCH BACKFILL MATERIAL, TYPE IV SEE LONGITUDINAL SECTION ABOVE.

99



NOTE: WHERE AN INCOMPRESSIBLE FOUNDATION EXSTS.

EXCAVATE AN ADDITIONAL 6". WHERE AN UNSTABLE FOUNDATION MATERIAL IS ENCOUNTERED, EXCAVATE AN ADDITIONAL DEPTH AS DIRECTED BY THE ENGINEER.

DETAIL OF TRENCH CONSTRUCTION FOR SIDE DRAIN AND MEDIAN DRAIN PIPE N.T.S.

MIN. DEPTH OF TRENCH

NOTE: THE PIPE SHALL BE BEDDED TO TIME AND GRADE IN A FIRM FOUNDATION SHAPED TO FIT THE LOWER PART OF THE PIPE EXTERIOR, WHERE ROCK, EXISTS, EXCAVATE AND BACKFILL WITH COMPRESSIBLE MATERIAL (UNCLASSIFIED EXCAVATION) A MINIMUM OF 6" BELOW THE PIPE.

SPACING FOR MULTIPLE PIPE CULVERTS

S-ONE INSIDE DIAMETER OF PIPE OR 3 FEET, WHICHEVER IS OR PIPE—ARCH CULVERTS UBSTITUTE SPAN FOR INSIDE NAMETER.

PAVING OF BASE

PLANE OF SE

SLOPE OF CULVERT VARIABLE

DETAIL SHOWING MINIMUM COVER FOR PIPE CULVERTS N.T.S.

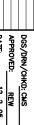
- SPECIAL NOTE:
 PE PIPE IS ALLOWABLE FOR THE FOLLOWING CONDITIONS:
 A. PE PIPE MAY BE USED AS AN ALTERNATE TO LONGITUDINAL PIPE UNDER ALLOWABLE FILL SHOWN, FOR NON-TRAFFIC BEARING AND LOCAL ROAD BEARING APPLICATIONS.
 B. PIPE MAY BE USED AS AN ALTERNATE TO PERFORATED UNDERDRAIN PIPE.
 C. PE PIPE IS ALLOWABLE IN ALL SIDE DRAIN AND SLOPE DRAIN APPLICATIONS.

REVISIONS DATE REVISIONS DATE: APPROVED: DGS/DRN/CHKD: CMS 문

8/08 RC

FULTON COUNTY STANDARD DETAIL

STANDARD PIPE CULVERTS SHEET 1 OF 3





404-612-7400 FAX: 404-224-0498 141 PRYOR ST. ATLANTA, GA. 30303 FULTON COUNTY PUBLIC WORKS

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