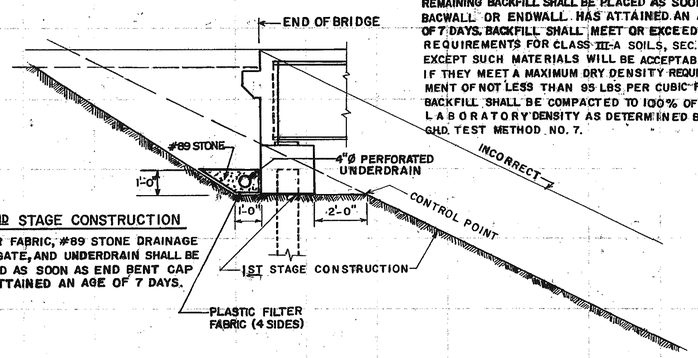
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	GSNHS-M002-00(662)	24	26



3RD STAGE CONSTRUCTION

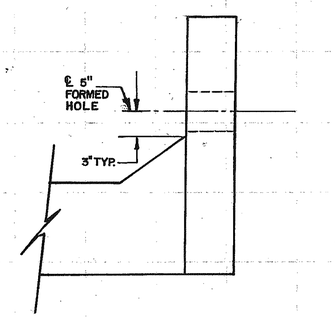
REMAINING BACKFILL SHALL BE PLACED AS SOON AS BACWALL OR ENDWALL HAS ATTAINED AN AGE OF 7 DAYS. BACKFILL SHALL MEET OR EXCEED THE REQUIREMENTS FOR CLASS III-A SOILS, SEC. 810, EXCEPT SUCH MATERIALS WILL BE ACCEPTABLE, IF THEY MEET A MAXIMUM DRY DENSITY REQUIREMENT OF NOT LESS THAN 95 LBS PER CUBIC FOOT. BACKFILL SHALL BE COMPACTED TO 100% OF LABORATORY DENSITY AS DETERMINED BY GHD TEST METHOD NO. 7.

2ND STAGE CONSTRUCTION

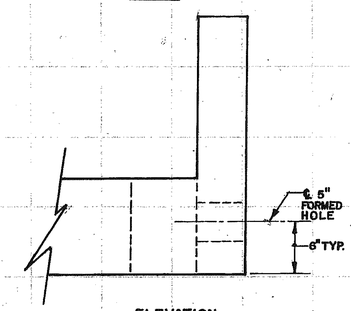
FILTER FABRIC, #89 STONE DRAINAGE AGGREGATE, AND UNDERDRAIN SHALL BE PLACED AS SOON AS END BENT CAP HAS ATTAINED AN AGE OF 7 DAYS.

SKETCH SHOWING CONSTRUCTION OF FILLS AT ENDS OF BRIDGES

NO SCALE

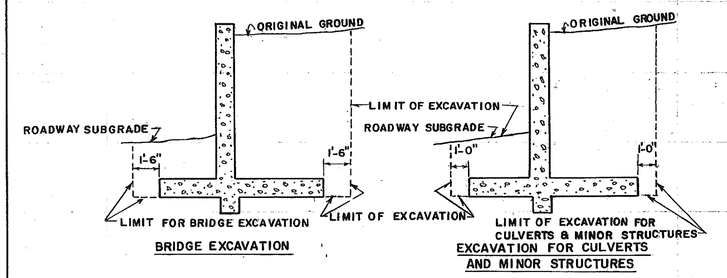


PLAN



ELEVATION

WINGWALL DETAIL



BRIDGE EXCAVATION

EXCAVATION FOR CULVERTS AND MINOR STRUCTURES

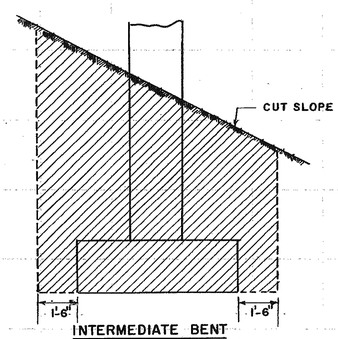
TYPICAL DETAILS OF EXCAVATION AT STRUCTURES

NOTE: WHERE FILL IS PLACED BEFORE CONSTRUCTION OF STRUCTURES THE COST OF EXCAVATION AND BACKFILL WILL BE INCLUDED IN THE COST OF OTHER ITEMS. THERE WILL BE NO PAYMENT FOR EXCAVATION UNDER THIS CONDITION.

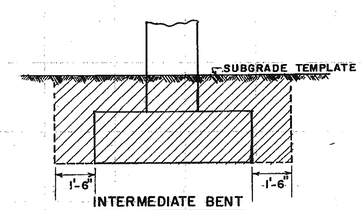
NOTES:

1. PERFORATED UNDERDRAIN SHALL EXTEND TO THE INSIDE FACE OF WING AT THE HIGH END OF THE CAP.
2. AT THE LOW END OF THE CAP, CONNECT PERFORATED UNDERDRAIN TO A COMPATIBLE SOLID PIPE FROM THE INSIDE FACE OF WING UNTIL IT EXITS THE SLOPE. SOLID PIPE SHALL HAVE A MINIMUM SLOPE OF 2.0%.
3. SOLID PIPE MAY BE PLACED AT EITHER END OF CAPS WITH LEVEL BOTTOM.
4. PERFORATED UNDERDRAIN SHALL BE INSTALLED PARALLEL TO BOTTOM OF CAP. LOW POINTS OR SAGS THAT MAY TRAP WILL NOT BE ALLOWED.
5. FILTER FABRIC SHALL NOT BE ATTACHED TO THE END BENT CAP.
6. COST FOR PROVIDING AND INSTALLING FILTER FABRIC, UNDERDRAIN, AND STONE SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

SHADED AREA IS BRIDGE EXCAVATION.



INTERMEDIATE BENT



INTERMEDIATE BENT

TYPICAL EXCAVATION DETAILS AT BRIDGE BENTS IN CUT SECTIONS

NO SCALE

REVISION	DATE	BY
REV. STAGE CONSTRUCTION	10-20-97	R.M.U.
CL. III-A SOILS ALLOWED	4-2-86	R.M.U.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
TYPICAL FILL DETAIL AT END OF BRIDGE

NO SCALE

REV. & REDR. APRIL, 1982

DES. ____
DRW. ____
TRA. ____
CHK. ____

(SUBMITTED) Wendell B. Lewing
STATE BRIDGE & STRUCTURAL DESN ENGR.
(APPROVED) T.D. Moseley
STATE HIGHWAY ENGINEER

NUMBER 9037

FORM EF6