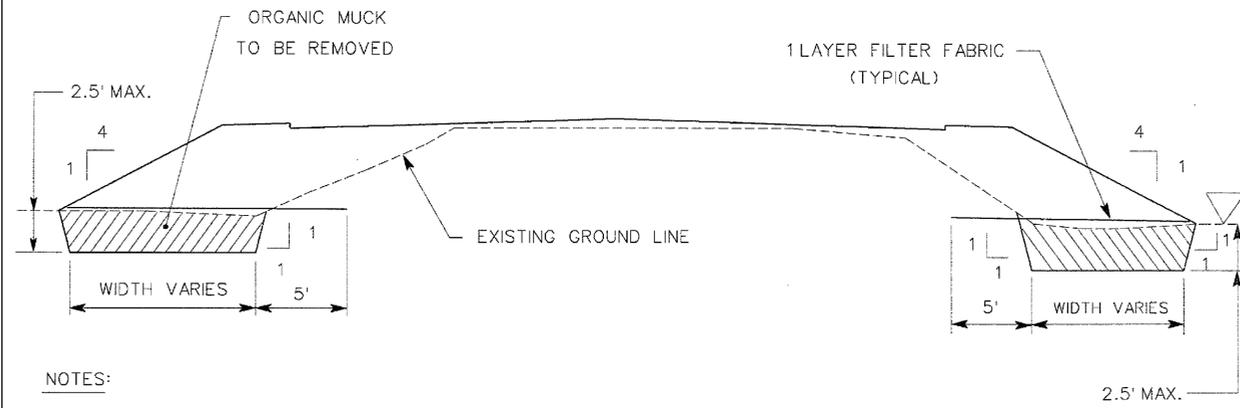


NHS00-0002-00(861) CAMDEN CO.

S.R. 96 WIDENING



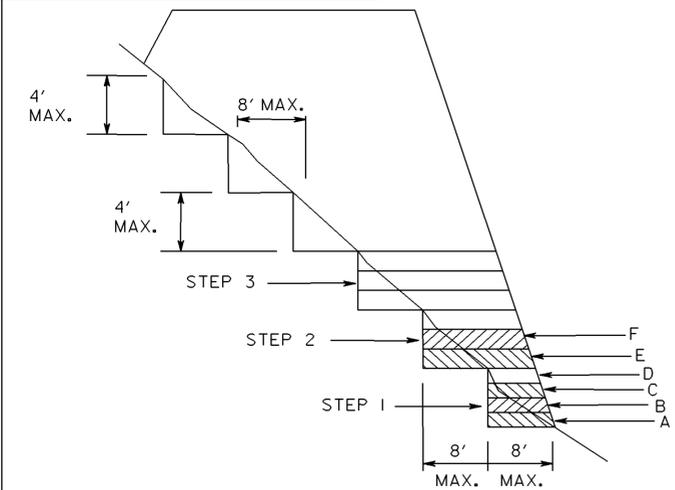
NOTES:

1. DETAIL APPLIES FROM STATION 56+00 ± TO 58+75 ± LEFT & RIGHT
2. MAXIMUM REMOVAL DEPTH IS 2.5 FEET, BENCH FILTER FABRIC 5 FEET INTO EXISTING EMBANKMENT.
3. GRANULAR EMBANKMENT SHOULD BE PLACED TO A DEPTH OF 18 INCHES ABOVE THE WATER ELEVATION AT THE TIME OF CONSTRUCTION.
4. 1 LAYER OF LOW STRENGTH FILTER FABRIC SHOULD BE PLACED AT THE BOTTOM OF THE EMBANKMENT AS SHOWN.

REMOVAL AND FABRIC DETAIL

NO SCALE

BENCHING DETAIL



1. WHERE THE EMBANKMENT IS TO BE PLACED ON A HILLSIDE OR ANOTHER EXISTING EMBANKMENT HAVING A SLOPE OF 3 TO 1 OR STEEPER, THE FOUNDATION MUST BE BENCHED WHILE THE EMBANKMENT IS BEING MADE. (SEE DIAGRAM ABOVE)
2. THE DIAGRAM SHOWS THAT BEFORE LAYER "A" IS PLACED THE FIRST STEP (1) IS CUT INTO THE SLOPE A MAXIMUM DISTANCE OF ABOUT 8 FEET (ABOUT 3/4 THE WIDTH OF THE TYPICAL D-8 BULLDOZER BLADE). SUCCESSIVE LAYERS B, C, AND D ARE THEN PLACED BEFORE LAYER "E" IS PLACED, THE SECOND STEP IS CUT 8 FEET INTO THE SLOPE AND SUCCESSIVE LAYERS ARE AGAIN PLACED. IF IT IS ANTICIPATED THAT THE VERTICAL PART OF THE STEP WILL EXCEED 4 FEET IF A 8 FEET HORIZONTAL CUT IS MADE, THEN THE ACTUAL CUT STOPS WHEN THE VERTICAL PART REACHES A MAXIMUM OF 4 FEET ALLOWING THE HORIZONTAL DISTANCE TO VARY.
3. THE PROCESS OF BENCHING IS CONSIDERED INCIDENTAL TO THE ITEM OF UNCLASSIFIED EXCAVATION AND BORROW OR GRADING COMPLETE IN CONSTRUCTION OF THE EMBANKMENT AND NO ADDITIONAL MEASUREMENT OF QUANTITY OR PAYMENT WILL BE MADE FOR BENCHING.

SLOPE SELECTION		
SLOPE	CUT	FILL
6:1	0'-2'	0'-2'
4:1	2'-6'	2'-6'
3:1	6'-10'	6'-10'
2:1 MAX	10'+	6'+

SLOPE SELECTION DETAIL

**GEORGIA**  
 DEPARTMENT  
 OF  
 TRANSPORTATION

NOT TO SCALE

REVISION DATES


STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: DISTRICT 5 ROAD DESIGN  
 TYPICAL SECTIONS

S. R. 40 / EAST KING ST.  
 CAMDEN COUNTY

DRAWING No.  
 05-009