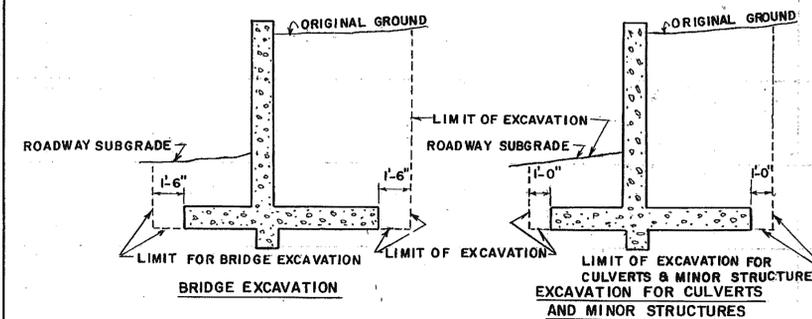


**WINGWALL DETAIL**

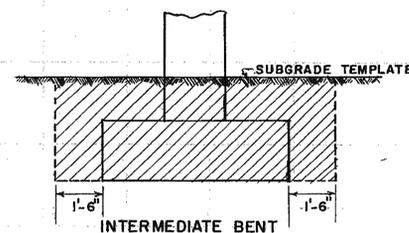
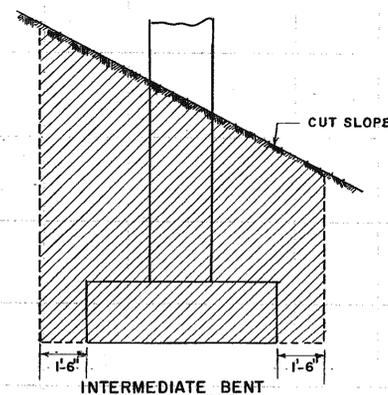


NOTE: WHERE FILL IS PLACED BEFORE CONSTRUCTION OF STRUCTURES THE COST OF EXCAVATION AND BACKFILL WILL BE INCLUDED IN THE COST OF OTHER ITEMS. THERE WILL BE NO PAYMENT FOR EXCAVATION UNDER THIS CONDITION.

**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.



**TYPICAL EXCAVATION DETAILS AT BRIDGE BENTS IN CUT SECTIONS**  
 NO SCALE

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) <i>Wendell B. Spiving</i> STATE BRIDGE & STRUCTURAL DES' ENGR (APPROVED) <i>T. M. ...</i> STATE HIGHWAY ENGINEER
NUMBER <b>9037</b>	