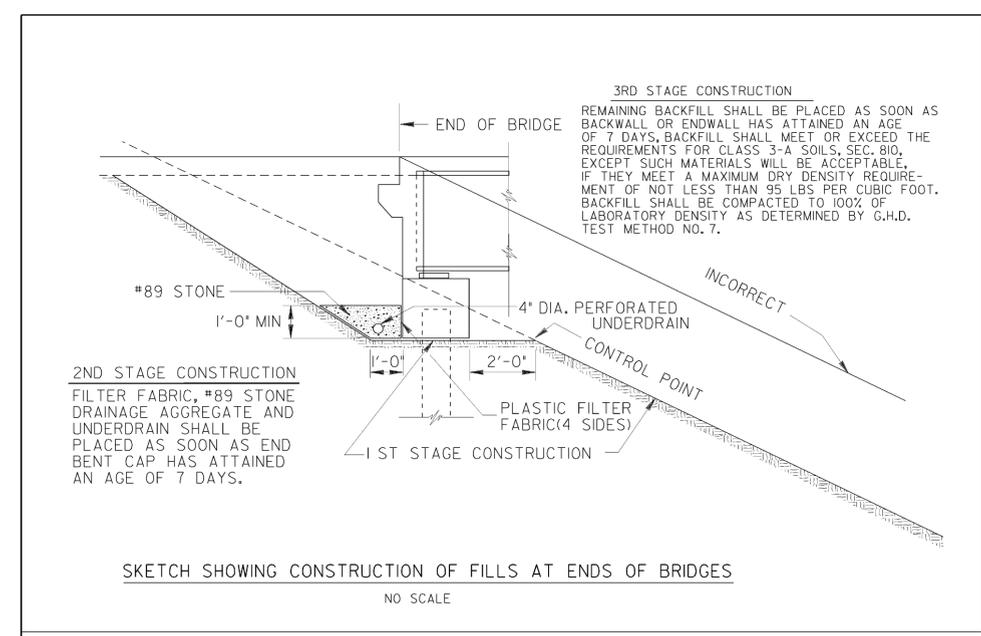


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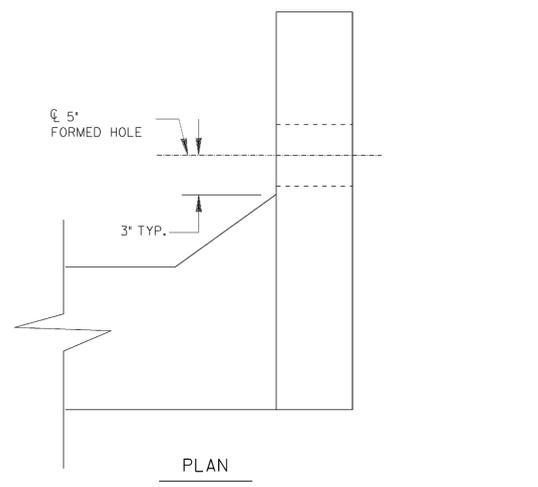
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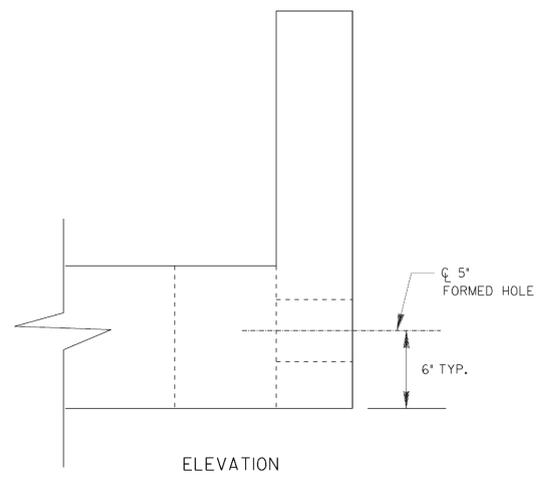
SKETCH SHOWING CONSTRUCTION OF FILLS AT ENDS OF BRIDGES
NO SCALE

NOTES:

- PERFORATED UNDERDRAIN SHALL EXTEND TO THE INSIDE FACE OF WING AT THE HIGH END OF THE CAP.
- 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%.
- SOLID PIPE MAY BE PLACED AT EITHER END OF CAPS WITH LEVEL BOTTOM.
- PERFORATED UNDERDRAIN SHALL BE INSTALLED PARALLEL TO BOTTOM OF CAP. LOW POINTS OR SAGS THAT MAY TRAP WATER WILL NOT BE ALLOWED.
- FILTER FABRIC SHALL NOT BE ATTACHED TO THE END BENT CAP.
- COST FOR PROVIDING AND INSTALLING FILTER FABRIC, UNDERDRAIN, AND STONE SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

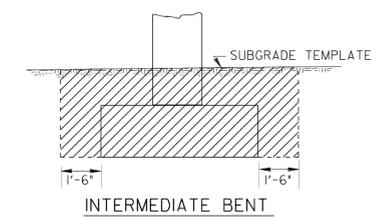
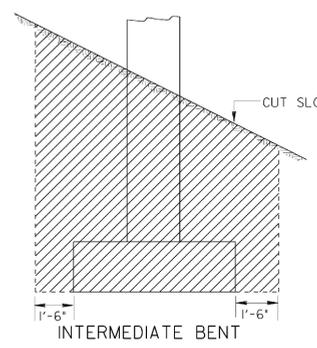


PLAN

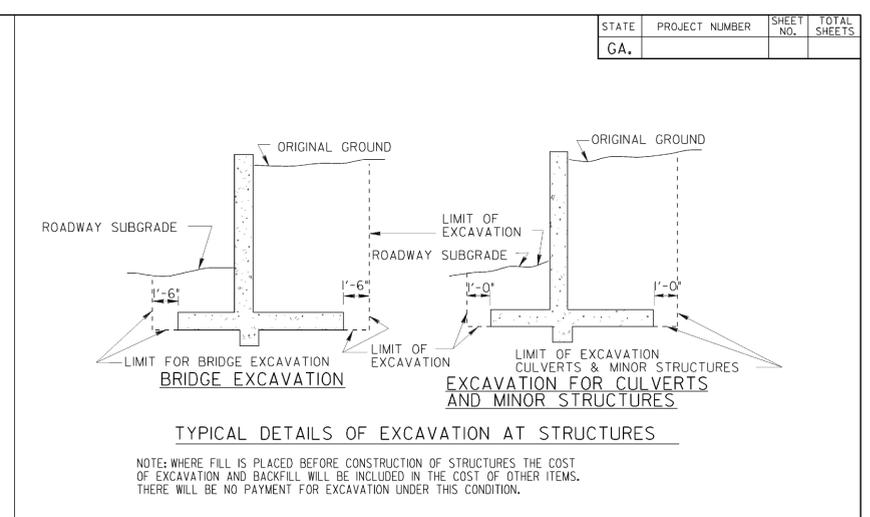


ELEVATION
WINGWALL DETAIL

SHADED AREA IS BRIDGE EXCAVATION.



TYPICAL EXCAVATION DETAILS AT BRIDGE BENTS IN CUT SECTIONS
NO SCALE



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.

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		STANDARD TYPICAL FILL DETAIL AT END OF BRIDGE	
NO SCALE		REDRAWN SEPT., 1999	
DES.	(SUBMITTED)	<i>James K. ...</i> STATE ROAD & AIRPORT DESIGN ENGR. TRAFFIC ENGINEER	NUMBER 9037
DRW.	(APPROVED)		
CHK.			

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THE LPA GROUP
TRANSPORTATION CONSULTANTS
A UNIT OF MICHAEL BAKER CORPORATION
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
GEORGIA STANDARDS