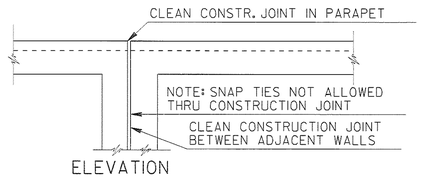
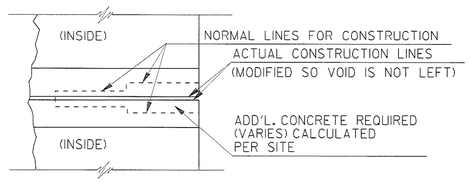
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		233	312



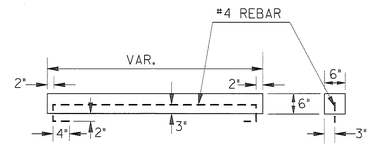
ELEVATION

ADJACENT BOX CULVERT JOINT DETAIL

NOTE: (FOR DETAIL BELOW)
WHERE THE NORMAL OUTSIDE WALLS OF ADJACENT BOX CULVERTS ARE ABUTTING AND THE WALL THICKNESSES NORMALLY VARIES DUE TO INCREASING FILL HEIGHTS, THE MAXIMUM WALL THICKNESS (FOR THE HIGHEST FILL) IS TO BE MAINTAINED FOR THE ABUTTING WALLS FOR THE FULL LENGTH OF THE CULVERT WITH A CLEAN CONSTRUCTION JOINT BETWEEN THE TWO WALLS AS SHOWN. REINFORCING STEEL IS TO REMAIN THE SAME AS NORMAL, WITH DIMENSIONS MEASURED FROM INSIDE OF CULVERT WALL. QUANTITY OF CONCRETE IS INCREASED DUE TO THIS CONSTRUCTION AND IS TO BE CALCULATED FOR INDIVIDUAL SITE. STEEL QUANTITIES ARE UNCHANGED.



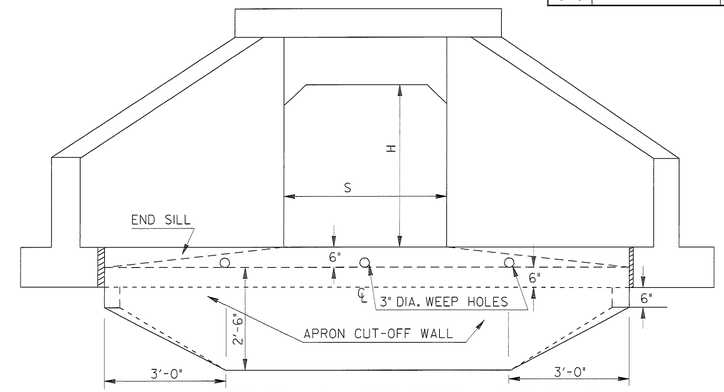
ABUTTING JOINT - TYPICAL PLAN VIEW
(APPLICABLE WHERE NORMAL REQ'D. THICKNESSES OF ABUTTING WALLS WOULD VARY)



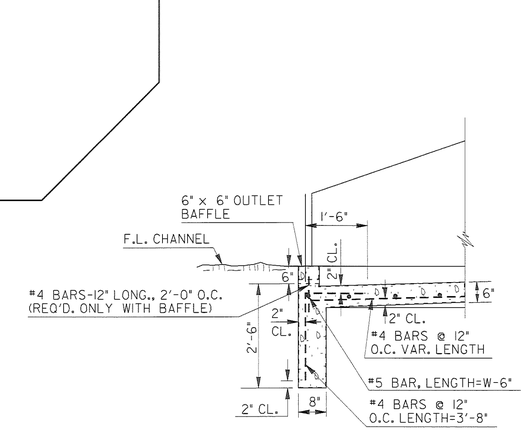
BAFFLE DETAIL

NOTE: BAFFLES SHALL BE CONSTRUCTED FROM CLASS "A" CONCRETE AND MAY BE PRECAST OR POURED IN PLACE.

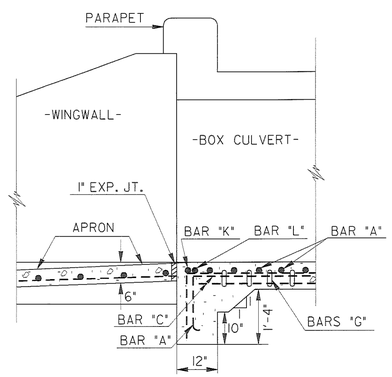
BAFFLES WILL BE USED ON APRONS AT OUTLETS OF PIPES AND BOX CULVERTS AND IN PAVED DITCHES OR ELSEWHERE AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



CONCRETE BOX CULVERT APRON - FRONT VIEW

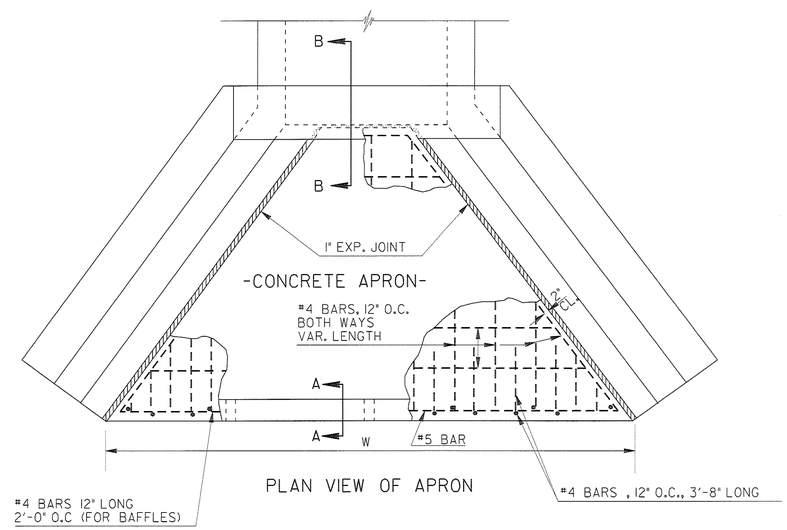


SECTION A-A

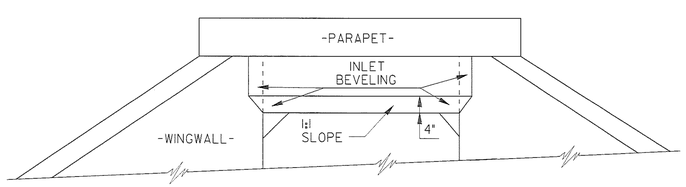


SECTION B-B (TYPICAL)
(SEE GENERAL NOTE NO.4)

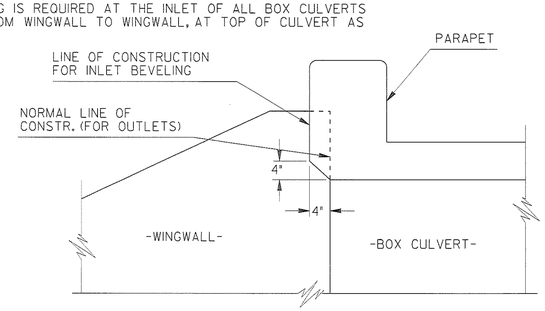
NOTE : SEE BOX CULVERT STANDARDS FOR DETAILS NOT SHOWN. K, L, & G BARS REQUIRED ONLY WHERE SPECIFIED. BAR "A" SHOWN BENT INTO CULVERT TOEWALL APPLIES TO SKEWS.



PLAN VIEW OF APRON



NOTE: INLET BEVELING IS REQUIRED AT THE INLET OF ALL BOX CULVERTS EXTENDING FROM WINGWALL TO WINGWALL, AT TOP OF CULVERT AS SHOWN.



INLET BEVELING DETAIL

6-30-98	REDRAWN	G.J.P.	
7-24-85	ADD ABUTTING JT.-TYP. PLAN V	R.M.U.	
8-14-84	ADD 4' X 5' QUANTITIES	R.M.U.	
DATE	REVISION	BY	

REV. R.M.U. (SUBMITTED)
TRA. G.M.E. STATE ROAD & AIRPORT DESIGN ENGR.
CHK. J.M.W. (APPROVED)
R.K.C. STATE HIGHWAY ENGINEER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
CONCRETE BOX CULVERT APRONS, BAFFLES, AND INLET BEVELING DETAIL & ADJACENT BOX CULVERTS JOINT DETAIL

NO SCALE — JULY, 1983

NUMBER 2332
SHEET 1 OF 2