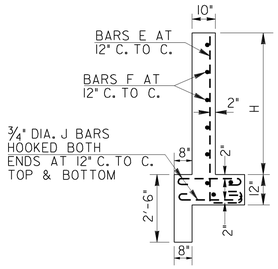
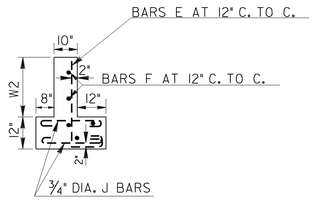
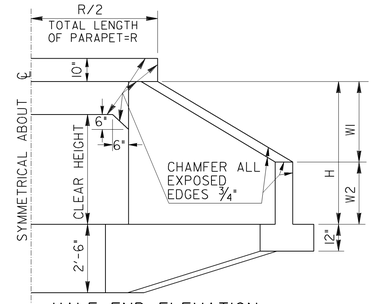
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(476)	119	221



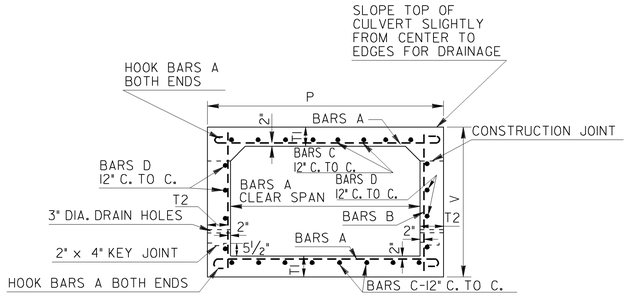
SECTION A-A



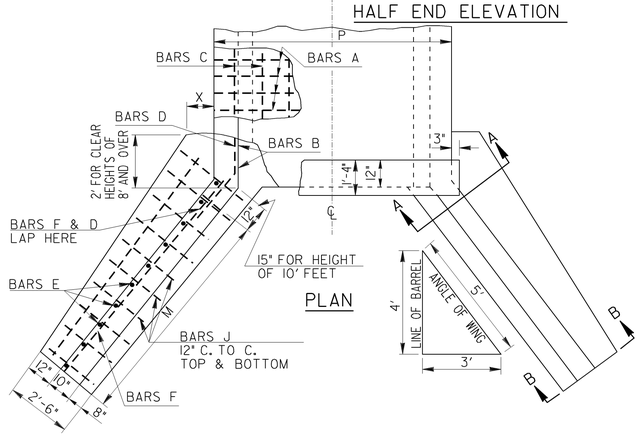
SECTION B-B



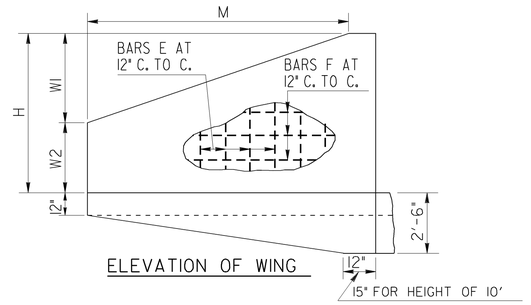
HALF END ELEVATION



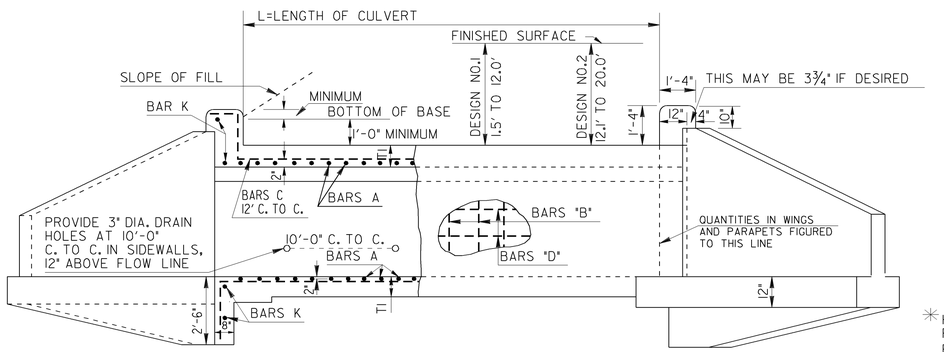
SECTION OF BARREL



PLAN



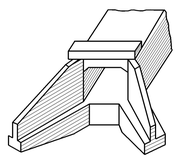
ELEVATION OF WING



DESIGN DATA

LOADING-TYPICAL H-20 S16-44 AND/OR MILITARY SPECIFICATIONS-A.A.S.H.O. 1957, T 58

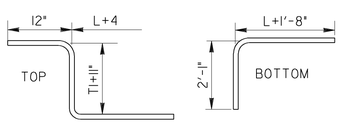
✳HEIGHT OF PARAPET ABOVE CULVERT TOP SHALL BE 1'-4" FOR DESIGN 1 BARRELS AND REDUCED PROPORTIONATELY FOR INCREASED TOP SLAB THICKNESS OF HIGHER DESIGNS TO PROVIDE THE SPECIFIED Z DIMENSION.



GENERAL NOTES:

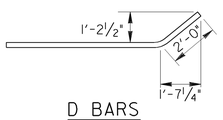
1. CHAMFER-CHAMFER ALL EXPOSED EDGES ¾".
2. CONCRETE APRONS (SEPARATE STANDARD) ARE REQUIRED AT ALL OUTLETS. THE ENGINEER MAY ALLOW AN EXCEPTION FOR THE BED ROCK CONDITIONS. TOEWALLS UNDER PARAPETS MAY BE MODIFIED AT OUTLETS AS SHOWN ON STANDARD DETAIL FOR CONCRETE APRONS.
3. QUANTITIES FOR STEEL SHOWN ARE COMPUTED CONSIDERING ALL A,B,C,D,G AND H BARS AS PART OF BARREL QUANTITIES. STEEL PER LIN. FT. IS AN AVERAGE VALUE FOR A CULVERT OF 40' LENGTH ALLOWING ONE LAP IN LONGITUDINAL BARS.
4. PARAPETS AT INLETS SHALL BE CONSTRUCTED WITH A 4"/45° BEVEL.
5. COVER-CULVERT TO HAVE MINIMUM OF 1.0' BELOW BOTTOM OF BASE OR CONCRETE PAVEMENT.

SECTION OF BARREL



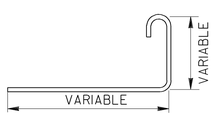
C BARS

SIDE VIEW



D BARS

ELEVATION



E BARS

DATE	STATE HIGHWAY BOARD OG GEORGIA BRIDGE DEPARTMENT	
REVISION	STANDARD REINFORCED CONCRETE BOX CULVERTS SINGLE 7'x4' TO SINGLE 9'x10' FOR DEPTHS OF FILL UP TO 20 FT.	
	NO SCALE	REV. & REDR. NOV., 2001
BY	DESIGNED TRACED CHECKED REVISED	(SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGINEER (APPROVED) CHIEF ENGINEER
		NUMBER 2323 SHEET 2 OF 2