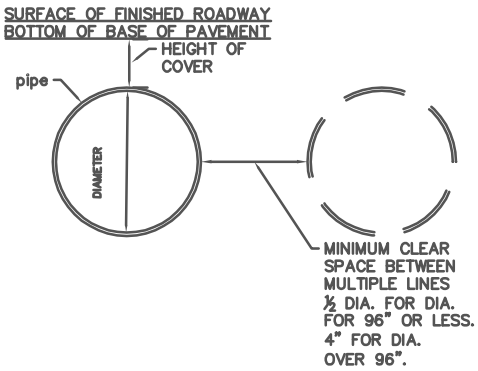
MINIMUM HEIGHT OF COVER

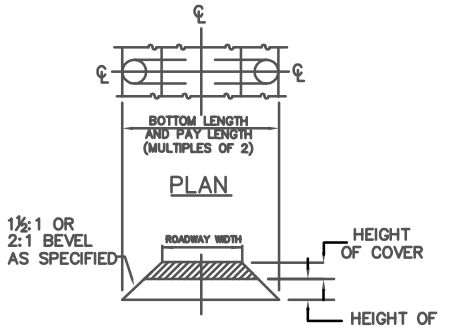
UNPAVED AND FLEXIBLE PAVEMENTS
FOR 72"DIA. TO 120" DIA.–1/3 DIA.
FOR 120" DIA. AND OVER – NOT LESS THAN 24".

RIGID PAVEMENTS
FOR 72" DIA. TO 120" DIA.– 1/7 DIA.
BUT NOT LESS THAN 12"
FOR 120" DIA. AND OVER– NOT LESS THAN 18".



GENERAL NOTES:
1. SPECIFICATIONS – GEORGIA STANDARD
2. DESIGN DATA – H–20 LIVE LOAD
3. GAUGES SHOWN ARE MINIMAL STRUCTURAL REQUIREMENTS FOR USE WITH ADEQUATE BACKFILL.
4. FOR END FINISH, SHAPE OR CONDITION OTHER THAN SHOWN, SEE SPECIAL DESIGN.

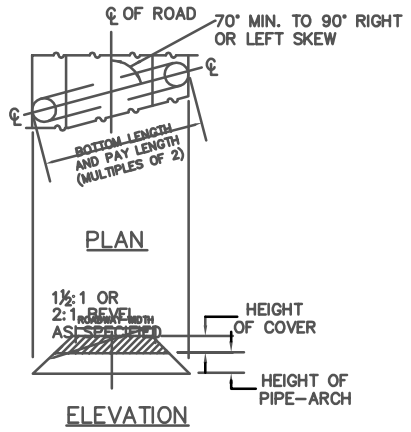
NOTES:
1. GAUGES SHOWN IN ABOVE TABLE ARE FOR STRUCTUAL PLATE PIPE ASSEMBLED WITH A 4 BOLT PER FOOT OF LONGITUDINAL SEAM AND VERTICALLY ELONGATED 5% BY SHOP FORMING, EXCEPT AS NOTED IN NO. 2.
2. BEYOND HEIGHTS OF COVER FOR 4 BOLTS AND TO HEIGHTS OF COVER SHOWN FOR 6 BOLTS, IN COLUMN AT RIGHT, NO.1 GAUGE STRUCTUAL PLATE PIPE WITH 6 BOLTS PER FOOT OF LONGITUDINAL SEAM AND VERTICALLY ELONGATED 3% BY SHOP FORMING SHALL BE USED.
3. ONLY R.C.P ALLOWED UNDER COUNTY ROADS.



ELEVATION
BEVELED ENDS

AREA SQ.FT	DIA. INCHES	HEIGHT OF COVER (FEET) 1–5	6 –10	11–15	16–20	21–25	26 –30	31– 35	36 –40	41–45	46–50	51–55	56–60	61–70	71–80	81–90	91–100	1 GAGE 6 BOLTS
		MINIMUM THICKNESS U.S. STD. GAGE – 4 BOLTS																
28	72							12	12	10	10	8	8	7	5	3	1	165'
33	78						12	12	10	10	8	8	8	5	3	1		150'
38	84					12	12	12	10	10	8	8	7	5	3	1		140'
44	90	12	12	12	12	12	12	10	10	8	8	7	5	3	1			130'
50	96	12	12	12	12	12	10	10	10	8	7	7	5	3	1			125'
57	102	12	12	12	12	10	10	10	8	8	7	5	5	1				115'
64	108	12	12	12	10	10	10	10	8	7	5	5	3	1				110'
71	114	10	12	10	10	10	10	8	8	7	5	5	3	1				105'
79	120	10	12	10	10	10	10	8	7	5	5	3	1					100'
87	126	10	12	10	10	10	10	8	7	5	3	3	1					95'
95	132	10	10	10	10	10	8	8	7	5	3	1	1					90'
104	138	10	10	10	10	10	8	7	5	3	3	1						85'
113	144	10	10	10	10	8	8	7	5	3	1	1						80'
123	150	10	10	10	8	8	8	7	5	3	1							80'
133	156	10	10	10	8	8	8	5	3	1	1							75'
145	162	10	10	10	8	8	7	5	3	1								70'
154	168	10	10	10	8	8	7	5	3	1								70'
165	174	8	10	8	8	8	7	5	3	1								65'
177	180	8	10	8	8	8	5	3	1									65'

FOR STRUCTURES IN THIS ZONE, SEE NOTE NO. 2 ABOVE



ELEVATION

COMBINATION
SKEWED & BEVELED ENDS

FULTON COUNTY STANDARD DETAIL 705
STANDARD
STRUCTURAL PLATE PIPE CULVERT

DATE	REVISIONS	DATE	REVISIONS
8/08	NRR		

DGS/DRN/CHKD: JM
APPROVED: REW
DATE: 12-2-05

FULTON COUNTY

FULTON COUNTY PUBLIC WORKS
141 PRYOR ST. ATLANTA, GA. 30303
404–612–7400 FAX: 404–224–0498

DRAWING NO. 705