	PIPE ARCH DIMENSION				MAXIMUM COVER HEIGHT IN FEET		1. COVER HEIGHTS INDICATED IN TA	
OMINAL SIZE	EQUIVALENT		_	MINIMUM SHEET THICKNESS		NER PRESSURE	CONSTRUCTION,	RING CONST
SPAN-RISE INCHES	PIPE DIAMETER INCHES	AREA SQ. FT.	Rc INCHES	REQUIRED INCHES (GAUGE)	4000 LBS./SQ. FT. (SEE NOTE 4)	6000 LBS./SQ. FT. (SEE NOTE 6)	2 TO PROTECT PIPE DU OF COVER TO BE IN TO ALLOWING CONSTR INSTALLATION. THE CO LENGTH OF THE PIPE	RUCTION TRA VER SHALL ARCH. THE
		:	2 2/3" x 1⁄2" C	ORRUGATIONS		ļ	TO EXTEND A MINIMUM EACH SIDE OF THE ST	FRUCTURE O
17 x 13	15	1.1	3"	0.060 (16)	11	17	INTERSECTION WITH A	
21 x 15	18	1.6	3"	0.060 (16)	9	14	3. STANDARD MINIMUM FII PIPES SHALL BE 2'0" GREATER, IN CASES IN	OR 1/8 SP
24 x 18	21	2.2	3"	0.060 (16)	8	12	GREATER. IN CASES IN CANNOT BE ACHIEVED, COVER HEIGHT OF 1.0 GREATER, WILL BE ALL	AN ABSOLU
28 x 20	24	2.8	3"	0.075 (14)	7	10	GREATER, WILL BE ALL TO OBTAIN THE STAN	LOWEĎ ONLY DARD VALUE
35 x 24	30	4.4	3"	0.075 (14)	5	8	4. SEE STANDARD PB-1 F	OR PIPE BE
42 x 29 🏶	36	6.4	3 /2"	0.105 (12)	5	8	REQUIREMENTS.	
49 x 33 🏶	42	8.7	4"	0.105 (12)	5	8	5. THE MAXIMUM HEIGHT IS BASED ON A SOIL DESIGN CRITERIA ARE	MODULUS OI
57 x 38 🏶	48	11.4	5"	0.135 (10)	5	8	SPECIFICATIONS AND V CORRUGATED METAL S	/DOT MODIFI
64 x 43 🏶	54	14.3	6"	0.135 (10)	6	9	6 WHEN DESIGN HEIGHT	OF COVER
71 x 47 🏶	60	17.6	7"	0.164 (8)	6	9	THIS CATEGORY OF P BACKFILL MUST BE AF	IPE BEDDING
			3" x 1" CORR	UGATIONS	•		7. LAPPED LONGITUDINAL	SEAMS SHA
40 x 31 🏶	36	6.4	5"	0.060 (16)	8	12	AS TO ALTERNATE ON ARCH TOP BY APPROX	
46 x 36 🏶	42	8.7	6"	0.060 (16)	8	12	PERIPHERY.	
53 x 41 🏶	48	11.4	7"	0.060 (16)	8	13	8. A TOLERANCE OF PLU FOR DIMENSIONS OF S	
60 x 46 🏶	54	14.3	8"	0.075 (14)	8	13		
66 x 51 🏶	60	17.6	9"	0.075 (14)	9	13		TABLE A
73 x 55	66	22.0	12"	0.105 (12)	11	16	PIPE DIAMETER	MINIMUM
81 x 59	72	26.0	14"	0.105 (12)	11	17		(SE
87 x 63	78	31.0	14"	0.135 (10)	10	16	17" TO 35"	
95 x 67	84	35.0	16"	0.135 (10)	11	16	42" AND ABOVE	
103 x 71	90	40.0	16''	0.164 (8)	10	15		1 1
112 x 75	96	46.0	18''	0.164 (8)	10	13		
117 x 79	102	52.0	18"	0.164 (8)	10	11		• /

TED IN TABLES ARE FOR FINISHED

- OF COVER SHOWN IN THE TABLES MODULUS OF 700 PSI. ALL OTHER IN ACCORDANCE WITH THE AASHTO DOT MODIFICATIONS FOR SOIL TRUCTURE INTERACTION SYSTEMS.
- OF COVER REQUIRES THE USE OF PE BEDDING FOUNDATION AND PROVED BY THE ENGINEER.

SEAMS SHALL BE STAGGERED SO EACH SIDE OF THE CENTER OF (IMATELY 15 PERCENT OF THE

OR MINUS, 1" IS PERMISSIBLE AN, RISE, AND CORNER RADIUS.

TABLE A							
PIPE DIAMETER	MINIMUM COVER HEIGHT DURING CONSTRUCTION (SEE NOTE 2)						
17" TO 35"	18"						
42" AND ABOVE	1∕₂ SPAN						
Rc							

IABL	E	FOR	H-20	LIVI
EPARTMENT	OF	TRANSPORTA	TION	

SPECIFICATION REFERENCE 232

B

RING CONSTRUCTION, MINIMUM HEIGHT ACCORDANCE WITH TABLE A PRIOR UCTION TRAFFIC TO CROSS /ER SHALL EXTEND THE FULL ARCH. THE APPROACH FILL RAMP IS OF 10(HEIGHT + 1/2 SPAN) ON RUCTURE OR TO THE ĊŬŤ.

IISHED HEIGHT OF COVER FOR ALL OR 1/8 SPAN, WHICHEVER IS I WHICH THESE COVER HEIGHTS AN ABSOLUTE MINIMUM FINISHED OR 1/8 SPAN, WHICHEVER IS OWED ONLY IF ALL POSSIBLE MEANS ARD VALUE HAVE BEEN EXHAUSTED.

OR PIPE BEDDING AND BACKFILL