

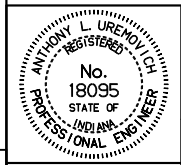
**75 mm x 25 mm CORRUGATED ALUMINUM ALLOY PIPE-ARCH (RIVETED OR LOCK SEAM)  
HEIGHT OF COVER LIMITS (m)**

CORNER RADIUS (mm)	SPAN (mm)	RISE (mm)	AREA (m <sup>2</sup> )	THICKNESS (mm)									
				1.52		1.91		2.67		3.43		4.17	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
205/475	1520	1170	1.45			0.34	6.3	0.34	6.3	0.34	6.3	0.34	6.3
230/525	1670	1300	1.79			0.34	6.4	0.34	6.4	0.34	6.4	0.34	6.4
305/580	1850	1400	2.16			0.34	6.3	0.34	6.3	0.34	6.3	0.34	6.3
355/530	2050	1500	2.55					0.37	5.2	0.37	5.2	0.37	5.2
355/575	2200	1620	2.98					0.37	5.3	0.37	5.3	0.37	5.3
410/620	2400	1720	3.44							0.37	5.2	0.37	5.2
410/665	2600	1820	3.94							0.37	5.2	0.37	5.2
460/705	2840	1920	4.46									0.40	5.0

**NOTE:**

- The tabulated cover depths shall be measured from the bottom of the bituminous or concrete pavement to the top of the pipe.
- Dual entries in the "Corner Radius" column, such as 205/475, represent the following:  
205 - minimum corner radius allowed by AASHTO M 196M.  
475 - corner radius typically available.
- The tabulated cover heights reflect pipe-arches with typically available corner radii. If a pipe-arch with corner radii other than what is typically available is to be used, a specific design shall be performed to verify structural adequacy.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>PIPE HEIGHT OF COVER LIMITS</b>	
JANUARY 1998	
STANDARD DRAWING NO. <b>715-PHCL-06</b>	
	/s/ Anthony L. Uremovich 1-02-98 DESIGN STANDARDS ENGINEER      DATE
/s/ Donald W. Lucas 1-02-98 CHIEF HIGHWAY ENGINEER      DATE	

Source Sheet: NONE