

**125 mm x 25 mm CORRUGATED STEEL PIPE-ARCH (LOCK SEAM)  
HEIGHT OF COVER LIMITS (m)**

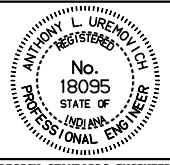
Rc (mm)	SPAN (mm)	RISE (mm)	AREA (m <sup>2</sup> )	THICKNESS (mm)									
				1.63		2.01		2.77		3.51		4.27	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
205/475	1520	1170	1.45					0.34	6.3	0.34	6.3		
230/525	1670	1300	1.79					0.34	6.4	0.34	6.4		
305/580	1850	1400	2.16					0.34	6.3	0.34	6.3		
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	0.37	5.2
410/665	2600	1820	3.94					0.37	5.2	0.37	5.2	0.37	5.2
460/705	2840	1920	4.46					0.40	5.0	0.40	5.0	0.40	5.0
460/750	2970	2020	5.04					0.37	5.1	0.37	5.1	0.37	5.1
460/795	3240	2120	5.62							0.40	4.9	0.40	4.9
460/840	3470	2220	6.26							0.40	4.9	0.40	4.9
460/885	3600	2320	6.92									0.40	5.0

**NOTES:**

- 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 36M.  
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  
**PIPE HEIGHT OF COVER LIMITS**  
JANUARY 1998  
STANDARD DRAWING NO. **715-PHCL-16**

	/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**