

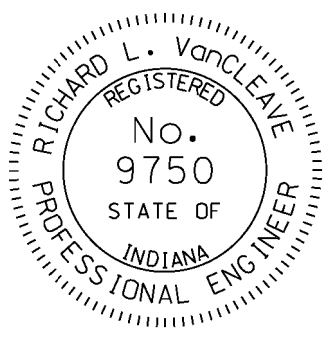
**REINFORCED CONCRETE CIRCULAR PIPE
HEIGHT OF COVER LIMITS (m)**

DIAMETER (mm)	Strength Class/D-load Rating									
	Class V: D _{0.3} = 110		Class V: D _{0.3} = 125		Class V: D _{0.3} = 135		Class V: D _{0.3} = 140		Class Special: D _{0.3} = 150	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
300	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
375	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
450	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
525	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
600	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
675	0.30	28.0	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
750	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
825	0.30	27.1	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
900	0.30	24.1	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
1050	0.30	20.7	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
1200	0.30	18.6	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
1350	0.30	17.4	0.30	30.5	0.30	30.5	0.30	30.5	0.30	30.5
1500	0.30	9.1	0.30	11.3	0.30	13.7	0.30	17.4	0.30	22.9
1650	0.30	9.4	0.30	11.6	0.30	14.0	0.30	17.4	0.30	22.6
1800	0.30	9.8	0.30	11.6	0.30	14.3	0.30	17.4	0.30	22.3
1950	0.30	9.8	0.30	11.9	0.30	14.3	0.30	17.4	0.30	21.9
2100	0.30	10.1	0.30	11.9	0.30	14.3	0.30	17.4	0.30	21.3
2250	0.30	10.1	0.30	12.2	0.30	14.3	0.30	17.4	0.30	21.0
2400	0.30	10.1	0.30	12.2	0.30	14.3	0.30	17.1	0.30	20.7
2550	0.34	10.4	0.34	12.2	0.34	14.3	0.34	17.1	0.34	20.4
2700	0.37	10.4	0.37	12.2	0.37	14.3	0.37	16.8	0.37	20.1
2850	0.37	10.4	0.37	12.2	0.37	14.3	0.37	16.8	0.37	19.8
3000	0.40	10.4	0.40	12.2	0.40	14.3	0.40	16.8	0.40	19.5
3150	0.43	10.4	0.43	12.2	0.43	14.3	0.43	16.5	0.43	19.2
3300	0.43	10.4	0.43	12.2	0.43	14.0	0.43	16.5	0.43	19.2
3450	0.46	10.4	0.46	12.2	0.46	14.0	0.46	16.5	0.46	18.9
3600	0.46	10.4	0.46	12.2	0.46	14.0	0.46	16.2	0.46	18.6

NOTE:

- The tabulated cover depths shall be measured from the bottom of the bituminous or concrete pavement to the top of the pipe.

All Dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
PIPE HEIGHT OF COVER LIMITS	
SEPTEMBER 2009	
STANDARD DRAWING NO. 715-PHCL-22	
	<i>/s/ Richard L. VanCleave</i> 09/01/09 <small>DESIGN STANDARDS ENGINEER DATE</small>
DESIGN STANDARDS ENGINEER	<i>/s/ Mark A. Miller</i> 09/01/09 <small>CHIEF HIGHWAY ENGINEER DATE</small>