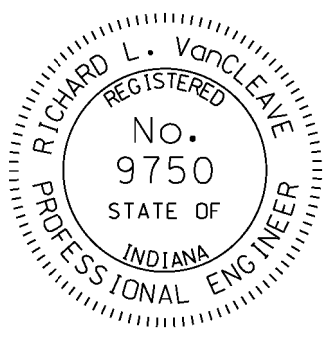


**REINFORCED CONCRETE CIRCULAR PIPE
HEIGHT OF COVER LIMITS (ft.)**

DIAMETER (in.)	Strength Class/D-load Rating									
	Class V: D _{0.01} = 2250		Class V: D _{0.01} = 2500		Class V: D _{0.01} = 2750		Class V: D _{0.01} = 3000		Class Special: D _{0.01} = 3250	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
12	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
15	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
18	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
21	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
24	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
27	1.0	92.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
30	1.0	100.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
33	1.0	89.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
36	1.0	79.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
42	1.0	68.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
48	1.0	61.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
54	1.0	57.0	1.0	100.0	1.0	100.5	1.0	100.5	1.0	100.5
60	1.0	30.0	1.0	100.0	1.0	45.0	1.0	57.0	1.0	75.0
66	1.0	31.0	1.0	100.0	1.0	46.0	1.0	57.0	1.0	74.0
72	1.0	32.0	1.0	37.0	1.0	47.0	1.0	57.0	1.0	73.0
78	1.0	32.0	1.0	39.0	1.0	47.0	1.0	57.0	1.0	72.0
84	1.0	33.0	1.0	39.0	1.0	47.0	1.0	57.0	1.0	70.0
90	1.0	33.0	1.0	40.0	1.0	47.0	1.0	57.0	1.0	69.0
96	1.0	33.0	1.0	40.0	1.0	47.0	1.0	57.0	1.0	68.0
102	1.1	34.0	1.1	40.0	1.1	47.0	1.1	57.0	1.1	67.0
108	1.2	34.0	1.2	40.0	1.2	47.0	1.2	55.0	1.2	66.0
114	1.2	34.0	1.2	40.0	1.2	47.0	1.2	55.0	1.2	65.0
120	1.3	34.0	1.3	40.0	1.3	47.0	1.3	55.0	1.3	64.0
126	1.4	34.0	1.4	40.0	1.4	47.0	1.4	54.0	1.4	63.0
132	1.4	34.0	1.4	40.0	1.4	46.0	1.4	54.0	1.4	63.0
138	1.5	34.0	1.5	40.0	1.5	46.0	1.5	54.0	1.5	62.0
144	1.5	34.0	1.5	40.0	1.5	46.0	1.5	53.0	1.5	61.0

NOTE:

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

INDIANA DEPARTMENT OF TRANSPORTATION	
PIPE HEIGHT OF COVER LIMITS	
SEPTEMBER 2009	
STANDARD DRAWING NO. E 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>