REINFORCED CONCRETE CIRCULAR PIPE
HEIGHT OF COVER LIMITS (m)

DIAMETER (mm)	Strength Class/D-load Rating												
	Class IV: $D_{0.3}$ = 110		Class IV: $D_{0.3}$ = 125		Class IV: $D_{0.3}$ = 135		Class V: $D_{0.3}$ = 140		Class V: $D_{0.3}$ = 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:

1. 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

JANUARY 1998

STANDARD DRAWING NO. **715-PHCL-22**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/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