CORRUGATED POLYETHYLENE PIPE, TYPES
HEIGHT OF COVER LIMITS (ft.)

PAY ITEM DIAMETER (in.)	NOMINAL DIAMETER (in.)	MINIMUM (ft.)	MAXIMUM (ft.)
12	12	2.0	11.0
15	15	2.0	11.0
18	18	2.0	11.0
21	21	2.0	11.0
24	24	2.0	11.0
30	30	2.0	11.0
36	36	2.0	11.0

RIBBED POLYETHYLENE PIPE
HEIGHT OF COVER LIMITS (ft.)

PAY ITEM DIAMETER (in.)	NOMINAL DIAMETER (in.)	MINIMUM (ft.)	MAXIMUM (ft.)
18	18	2.0	18.0
21	21	2.0	22.0
24	24	2.0	21.0
27	27	2.0	24.0
30	30	2.0	22.0
33	33	2.0	23.0
36	36	2.0	25.0

SMOOTH WALL POLYETHYLENE PIPE
HEIGHT OF COVER LIMITS (ft.)

PAY ITEM DIA. (in.)	NOMINAL DIA. (in.)	DIMENSION RATIO (NOM. DIA./WALL THICKNESS)							
		26		21		17		11	
		MIN.	MAX. (ft.)	MIN. (ft.)	MAX. (ft.)	MIN. (ft.)	MAX. (ft.)	MIN. (ft.)	MAX. (ft.)
12	13	2.0	40.0	2.0	57.0				
12	14					2.0	81.0		
15	18	2.0	40.0	2.0	57.0	2.0	81.0		
18	20	2.0	40.0	2.0	57.0	2.0	81.0		
18	22					2.0	81.0	2.0	100.0
21	24	2.0	40.0	2.0	57.0	2.0	81.0		
24	28	2.0	40.0	2.0	57.0	2.0	81.0		
27	32	2.0	40.0	2.0	57.0	2.0	81.0		
30	34	2.0	40.0	2.0	57.0	2.0	81.0		
36	42	2.0	40.0	2.0	57.0	2.0	81.0		

NOTE:

1. The tabulated cover depths shall be measured from the bottom of the asphalt or concrete pavement to the top of the pipe.
2. The pay item diameter reflects the minimum required inside diameter.
3. Because the nominal size of smooth wall polyethylene pipe is based on the outside diameter, different dimension ratios may require different nominal diameters to satisfy the pay item diameter requirements.

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE HEIGHT OF COVER LIMITS

JANUARY 1998

STANDARD DRAWING NO. **E 715-PHCL-18**

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

DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 1-02-98