

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"M" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES (SQ. FT. PER FT.)	INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"M" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES (SQ. FT. PER FT.)
4	30	2.50	3.28				
6	30	2.50	3.59				
8	30	2.50	3.87				
10	30	2.50	4.09				
12	30	2.50	4.25				
15	36	3.00	5.95				
18	36	3.00	5.79	14 x 23	41	3.42	5.94
21	39	3.25	6.81				
24	42	3.50	7.39	19 x 30	49	4.08	7.68
27	42	3.50	6.18	22 x 34	53	4.42	6.61
30	48	4.00	9.30	24 x 38	58	4.83	6.70
33	53	4.42	10.53	22 x 42	62	5.17	10.71
36	58	4.67	11.43	25 x 45	65	5.30	11.72
39	63	5.00	12.50	32 x 49	71	5.92	13.14
42	63	5.00	13.38	34 x 53	75	6.25	14.05
48	72	5.83	15.67	38 x 60	83	6.92	16.18
54	77	6.42	18.15	42 x 66	92	7.67	18.31
60	84	7.00	20.75	48 x 70	100	8.42	20.59
66	91	7.58	23.45	53 x 83	109	9.08	23.33
72	98	8.17	26.37	58 x 91	119	9.83	27.43
78	105	8.75	29.38	63 x 98	126	10.50	30.50
84	112	9.33	32.57	66 x 106	133	11.25	33.91
90	119	9.92	35.90	72 x 113	143	11.92	38.90
96	126	10.50	39.37	77 x 121	153	12.67	42.89
102	133	11.08	42.99	82 x 128	160	13.33	44.43
108	140	11.67	46.75	87 x 136	169	14.00	47.79
114	147	12.25	50.65	92 x 143	176	14.67	51.70
120	154	12.83	54.72	97 x 151	185	15.42	56.01
126	161	13.42	58.92				
132	168	14.00	63.27	106 x 166	202	16.83	64.48
144	182	15.17	72.40	116 x 180	218	18.17	73.58

NOTE: PAYLINE FOR ANY OTHER TYPE OF CHANNEL EXCAVATION SHALL BE THE EXACT SHAPE OF THE SUBGRADE.

