

SEWER MAIN PIPE SLOPES

SIZE OF PIPE (INCHES)	MINIMUM SLOPE (%)	MAXIMUM SLOPE (%)
6	0.50	12.35
8	0.33	8.40
10	0.25	6.23
12	0.20	4.88
15	0.15	3.62
18	0.11	2.83
21	0.09	2.30
24	0.08	1.93
27	0.06	1.65
30	0.055	1.43
33	0.05	1.26
36	0.045	1.12
39	0.04	1.01
>39	*	*
<p>* FOR PIPES LARGER THAN 39 INCHES IN DIAMETER, THE SLOPE IS DETERMINED BY MANNING'S FORMULA TO MAINTAIN A VELOCITY GREATER THAN 2.0 FEET PER SECOND AND LESS THAN 10.0 FEET PER SECOND WHEN FLOWING FULL.</p>		