Material	Mannings' n	Maximum Allowable Velocity (m/s)
Fine Sand	.020	0.75
Sandy Loam	.020	0.75
Silty Loam	.020	0.90
Clay Loam	.020	1.07
Clay	.025	1.50
Silty Clay	.025	1.50
Shale	.025	1.80
Fine Gravel	.020	1.50
Coarse Gravel	.025	1.80

MAXIMUM VELOCITIES IN DRAINAGE DITCHES
Figure 30-3A