

SUBDIVISION REGULATIONS

410 Attachment 2

TABLE I. MANNING'S n-VALUES

Closed conduit	
Concrete pipe	.013
Corrugated steel pipe	.024
Open channels	
Gabions	.035
Concrete	.015
Riprap	.0395 $d_{50}^{0.17}$
Grouted riprap	.027
Gunitite	.028
Earth lined	.020 to .040
Grass lined	.029 to .100
Natural streams	.025 to .100