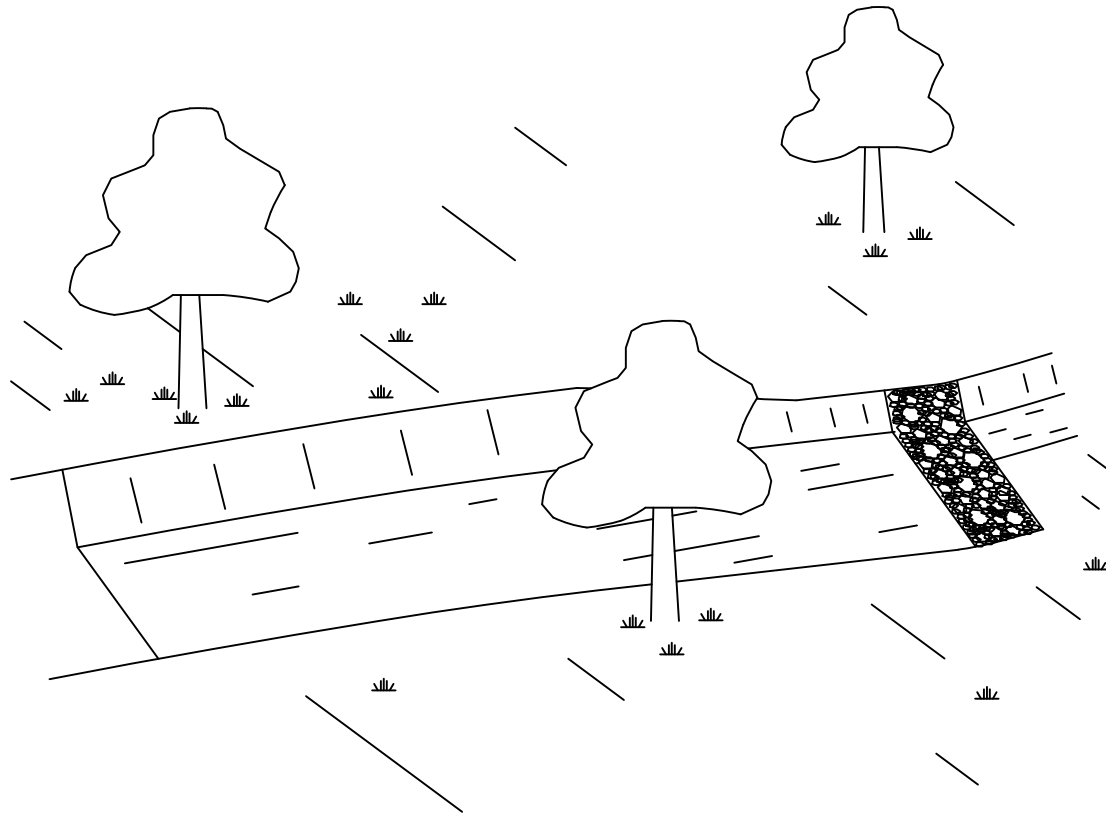


IMPROVING, CONSTRUCTING, OR STABILIZING AN OPEN CHANNEL FOR BETTER WATER MANAGEMENT.



- FOR DRAINAGE AREAS LESS THAN OR EQUAL TO ONE SQUARE MILE
- MUST NOT CAUSE UPSTREAM EROSION OR FLOODING OR SEDIMENT DEPOSIT DOWNSTREAM
- ALLOWABLE WATER VELOCITIES:

SOIL TEXTURE	ALLOWABLE VELOCITY (FT/SEC)
SAND & SANDY LOAM	2 1/2
SILT LOAM	3
SANDY CLAY LOAM	3 1/2
CLAY LOAM	4
STIFF CLAY, FINE GRAVEL, GRADED LOAM TO GRAVEL	5
GRADED SILT TO COBBLES	5 1/2
GRAVEL	6

- WHERE CHANNEL VELOCITIES EXCEED SAFE VELOCITIES, THE CHANNEL SHOULD BE STABILIZED BY USING ROCK RIPRAP OR CONCRETE LINING OR OTHER GRADE STABILIZATION STRUCTURES



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

(Ch) CHANNEL IMPROVEMENT

DETAIL NO:

E-026

DATE: