

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DESIGN DIRECTIVE**

**505
DITCH LININGS**
May 13, 1996

The following criteria are to be utilized in determining the type of lining for ditches:

VELOCITY	LINING
0 - 4 fps	Grass
4 fps - 8 fps	Type A Matting
8 fps - 15 fps	Type B Matting
15 fps - Greater	Concrete or Rock Gutter