



GRADATION OF ROCK

PERCENT PASSING BY WEIGHT	SIZE (INCHES)
100	
60-85	
25-50	
5-20	
0-5	

TYPICAL CROSS SECTION

QUANTITY ESTIMATE\*

BANK SLOPING FOR RIPRAP	_____	LIN. FT.
BANK SLOPING (SEEDING ONLY)	_____	LIN. FT.
ROCK FOR RIPRAP (WI CONST. SPEC. 9)	_____	CU. YD.
FILTER OR BEDDING (WI CONST. SPEC. 8)	_____	CU. YD.
SEEDING	_____	ACRES

\* ESTIMATED TO THE NEAT LINES AND GRADE

STATION	ELEVATION**

FILTER OR BEDDING MATERIAL REQUIREMENTS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NOTE:

1. DOUBLE THE ROCK THICKNESS FOR A DISTANCE OF \_\_\_\_\_ FEET AT THE UPSTREAM AND DOWNSTREAM ENDS OF THE RIPRAP. BLEND THE ROCK SURFACE TO MATCH THE EXISTING STABLE BANK SURFACE.
2. THE BED OF THE STREAM IS ALLOWED TO SCOUR. THE LAUNCHABLE TOE WILL FALL INTO THE SCOUR HOLE AND PROTECT THE BANK. ROCK SURFACE TO MATCH THE EXISTING STABLE BANK SURFACE.

SITE \_\_\_\_\_

LAUNCHABLE TOE

 <p>United States Department of Agriculture Natural Resources Conservation Service</p>	<p><b>STREAMBANK PROTECTION WITH FILTER OR BEDDING MATERIAL (FULL BANK HEIGHT)</b></p> <p>CLIENT: _____</p> <p>COUNTY: _____</p>	<p>Date _____</p> <p>Designed _____</p>	<p>File Name WI-404B-LT</p>
		<p>Drawn _____</p>	<p>Date 07/14</p>
		<p>Checked _____</p>	
		<p>Approved _____</p>	<p>Sheet of _____</p>