

Bridge Design Memorandum

To: Bridge Design
From: NJA/sww
Date: 8/2/2012
Re: Geotextile Fabric Note

As per NJA and JMW, for all bridges with riprap, the Geotextile Fabric Note shown on the layout and foundation sheets shall now read as follows:

NOTE: Geotextile Fabric Is Required Under All Riprap.

This is per *Bridge Scour and Stream Instability Countermeasures*, Hydraulic Engineering Circular No. 23 (HEC 23) and *Design of Riprap Revetment*, Hydraulic Engineering Circular No. 11(HEC 11).