

# ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: May 22, 2020

Special Provision No. 18-0698(2)

EFFECTIVE DATE: August 1, 2020

SUBJECT: Tied Concrete Block Mat.

Alabama Standard Specifications, 2018 Edition, SECTION 610 shall be revised as follows:

## SECTION 610 RIPRAP

### 610.02 Materials.

*Subarticle 610.02 shall be replaced by the following:*

### 610.02 Materials.

If a geotextile filter is required, it shall meet the requirements of AASHTO M 288 for Permanent Erosion Control Geotextile, Class 1, and Section 810 of these specifications. All other materials shall conform to the requirements of Division 800, Materials. Specific reference is made to Section 814, Riprap Materials. The geotextile shall be selected from List II-3, of the Department's manual titled "Materials, Sources, and Devices with Special Acceptance Requirements". Information concerning this list is given in Subarticle 106.01(f) and ALDOT-355.

In locations where maintaining the clear zone is a consideration, a traversable tied concrete block mat may be used in lieu of riprap. Tied concrete block mat shall be selected from the Department's Miscellaneous Approved Products List/LIST II-24 "TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRODUCTS." All mats must be installed with the manufacturer's recommended underlayments/backings for site specific conditions. All mats and accompanying underlayments/backings shall have a minimum shear stress capacity of 10 pounds per square foot as tested per ASTM D6460. Prior to installation, the contractor shall submit documentation from the manufacturer, indicating the product meets the requirements for approval by the Engineer.