

**BRIDGE DESIGN MEMORANDUM – DM0112**

**TO:** RPG Structural Engineers  
Design Consultants

**DATE:** February 14, 2012

**RE:** Mechanically Stabilized Earth (MSE) Walls

The *SCDOT Bridge Drawings and Details* have been updated to include details for Mechanically Stabilized Earth (MSE) walls. Additionally, a Supplemental Technical Specification, SC-M-713, has been developed to address requirements for design, materials, fabrication, and construction of MSE walls. The details and specification can be accessed on the Department's website. The Department's MSE wall design policies and practices can be found in Chapter 18 and Appendix C of the *SCDOT Geotechnical Design Manual*.

The new details and specification shall be incorporated into all projects having MSE walls, where the design and detailing of the MSE walls have not been substantially completed.

*Original Signed by James W. Kendall, Jr.  
on February 14, 2012*

James W. Kendall, Jr., P.E.  
Preconstruction Support Engineer

JWK:afg  
ec: Bridge Construction Engineer  
Bridge Maintenance Engineer  
FHWA Structural Engineer  
File:PC/BWB

Preconstruction Support Managers  
Regional Production Engineers  
RPG Design Managers

