

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTSⁱ

Introduction

The South Carolina Department of Transportation (SCDOT) does not utilize or maintain lists of approved mechanically stabilized earth (MSE) and gravity retaining wall systems. Gravity wall systems must meet the requirements applicable to specific projects. MSE wall systems must meet the requirements of Supplemental Technical Specification for MSE Walls, SC-M-713. This specification is available at <https://www.scdot.org/business/technicalPDFs/supTechSpecs/SC-M-713-MSEWall0119.pdf>.

Submittal Requirements

There are no “supplemental requirements” for an IDEA report submitted to SCDOT since the state does not utilize or maintain lists of approved MSE and/or gravity retaining wall systems.

MSE walls shall be designed, detailed, and constructed in accordance with SC-M-713; and have a Professional Engineer licensed in South Carolina sign and seal the drawings and calculations. Project-specific calculations and drawings must be submitted to SCDOT; and work on the wall cannot begin until the submittal requirements are satisfied and found acceptable to the Department. Note that no additional contract time will be given for any subsequent loss of construction time due to time delays caused by revisions, modifications, clarifications, or re-submittal of calculations or Shop Plans, or MSE wall Certification documentation that are not in conformance with the Plans and Specifications.

A wall system IDEA report, as part of a project specific submittal, will provide documentation and support of the wall system components, design, and construction procedures.

SCDOT should contact the IDEA webmaster and update this report if/when their policies, etc. change. This supplemental requirements report is readily updateable, and a revision number and new date should be noted when updated.

ⁱ Report Ver 1, May 2021.