

TENNESSEE DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTSⁱ

Introduction

The Tennessee Department of Transportation (TDOT) maintains qualified projects list for proprietary retaining wall systems. The list includes the following wall system types:

- Proprietary Gravity Wall Systems
 - Bin/Crib/Precast Large Format Blocks
 - Gabion Walls
- Mechanically Stabilized Earth (MSE) Wall Systems
 - Segmental, Precast Facing
 - Modular Block Facing
 - Other Facing Types

Submittal Requirements

Wall vendor submittal requirements for requesting approval are stated in TDOT QPL 38: Retaining Wall Systems, that is available at https://www.tn.gov/content/dam/tn/tdot/hq-materials-tests/qpl/List_38.pdf.

The first step in the process is a request for consideration by a wall vendor. As noted in TDOT QPL 38, the request shall provide a brief summary of the wall system including basic theory and past history of successful construction on transportation related projects. If the wall system is accepted for consideration, a detailed submittal package will be requested.

TDOT accepts IDEA reports as a vendor detailed submittal, for Proprietary Gravity Wall Systems and MSE Wall Systems (listed above). There are no additional items listed, to supplement an IDEA report. Note that TDOT reserves the right to request additional information regarding both technical and/or non-technical aspects of the wall system as deemed necessary for review and approval.

TDOT 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, December 2020.