

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTSⁱ

Introduction

The West Virginia Department of Transportation (WVDOT) maintains a list of approved proprietary mechanically stabilized earth (MSE) retaining wall systems. The list includes proprietary walls that fall into one of three categories:

- Precast Concrete Panel Walls;
- Wire-Faced Walls; or
- Modular Block Walls.

The listing notes varying height limits for different systems and suppliers. The list of approved wall systems on the WVDOT website, at https://transportation.wv.gov/highways/mcst/Pages/APL_By_Number.aspx.

Submittal Requirements

WVDOT does not have specific wall system approval checklists for submittals, and relies on IDEA Evaluation reports. A wall system supplier should complete a West Virginia Division of Highways (DOH) Form HL-468, Preliminary Information for New Product Evaluation and submit it with their IDEA Evaluation Report to the Materials Control, Soils and Testing Division (MCS&T). This form is available on WVDOT website at [https://transportation.wv.gov/highways/mcst/Material%20Procedures/HL-468%20Revised%20-%202016-07-12%20\(2\).pdf](https://transportation.wv.gov/highways/mcst/Material%20Procedures/HL-468%20Revised%20-%202016-07-12%20(2).pdf). Thus, an IDEA report, without any additional supplemental information (other than information requested on the New Product Evaluation form) can, and should, be used as the technical submittal.

WVDOT technical support staff will complete a preliminary review and will contact the Manufacturer/Supplier as to whether or not any additional information is required. If the preliminary review indicates that further research or evaluation is warranted, the Manufacturer/Supplier shall be notified by MCS&T to submit additional types of information for review. If the preliminary review indicates that the product may be accepted without further evaluation, the Manufacturer/Supplier shall be notified by MCS&T that no further information or testing is warranted.

WVDOT should contact the IDEA webmaster and update their report when their policies, etc. change. This supplemental requirements report is readily updateable, and a revision number and date should be noted.

ⁱ Report Ver 1, August 2021.