

# IOWA DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTS<sup>i</sup>

## Introduction

The Iowa Department of Transportation (IowaDOT) maintains lists of approved, proprietary retaining wall systems and components. The Materials Approved Products List for retaining wall systems and components are available on the IowaDOT website, at [https://iowadot.gov/construction\\_materials/approved-products](https://iowadot.gov/construction_materials/approved-products). The following categories cover retaining wall systems and components:

- Precast Mechanically Stabilized Earth (MSE) Panel; IM 445.03
- Precast Segmental/Modular Block Dry Cast – System; IM 445.04
- Precast Segmental/Modular Block Dry Cast – Producer; IM 445.04
- Precast Segmental/Modular Block Wet Cast – System; IM 445.05
- Precast Segmental/Modular Block Wet Cast – Producer; IM 445.05

## Submittal Requirements

A wall system supplier and/or producer would tender a submittal for approval on a project-specific application. Submittals for precast MSE panel wall systems shall conform to Materials Instructional Memorandum (IM) 445.03 and Standard Specification Section 2432 Mechanically Stabilized Earth (MSE) Retaining Wall. Dry cast segmental/modular wall systems and precast components shall conform to Materials IM 445.04 and Standard Specification 2430 Modular Block Retaining Wall (MSE wall) or Standard Specification 2431 Segmental Block Retaining Wall (gravity wall). Wet cast segmental/modular wall systems and precast components shall conform to Materials IM 445.05 and Standard Specification 2430 Modular Block Retaining Wall (MSE wall) or Standard Specification 2431 Segmental Block Retaining Wall (gravity wall).

IowaDOT does not have a specific wall system approval checklist for submittals. Thus, an IDEA report, without any additional supplemental information (other than the project-specific design calculations and drawings, and certifications) can, and should, be used as the technical submittal. IowaDOT technical support staff will complete a review and will contact the applicant if any additional information is required.

IowaDOT 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.

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<sup>i</sup> Report Ver 1, July 2021.