

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTSⁱ

Introduction

The Massachusetts Department of Transportation (MASSDOT) does maintain a list of acceptable mechanically stabilized earth (MSE) retaining wall systems. However, the list is only included in a project-specific MSE Wall Special Provision. Precast concrete panel facing must be produced by a company from the list of approved precasters.

A retaining wall system vendor not on the special provision list can submit for approval, on the project, as an alternate MSE retaining wall system; subject to acceptance as an equal upon the approval of the Engineer. Material and design requirements are listed in the project-specific MSE Special Provision.

Submittal Requirements

There are no “supplemental requirements” for an IDEA report submitted to MASSDOT since the Commonwealth only utilizes project-specific submittals for new (i.e., not previously used by MASSDOT) MSE wall systems. Wall vendors must meet the project-specific special provisions. All calculations and Shop Drawings shall be signed and stamped by a Professional Engineer registered in the Commonwealth of Massachusetts and specializing in MSE wall design and construction.

MASSDOT 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, June 2021.