

NEBRASKA DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL REQUIREMENTSⁱ

Introduction

The Nebraska Department of Transportation (NDOT) maintains lists of approved mechanically stabilized earth (MSE) retaining wall systems. Refer to <http://www.dot.nebraska.gov/business-center/materials/approved-products/>. Approved systems are listed for the following retaining wall system types:

- MSE Walls with Concrete Facing Panels; and
- MSE Walls with Modular Block Facing Units.

Submittal Requirements

NDOT requires that a vendor approval request submittal for a MSE wall system demonstrates that the system meets the requirements of the applicable specification. Requirements for panel faced wall systems are presented in NDOT Standard Specifications for Highway Works (available on their website) within Section 714 – Mechanically Stabilized Earth (MSE) Walls with Concrete Facing Panels. Requirements for modular block faced panel wall systems are presented in Section 715 – Mechanically Stabilized Earth (MSE) Walls with Modular Block Facing Units. A completed NDOT New Products Evaluation Form should be included with the system submittal.

The NDOT MSE wall specifications generally follow AASHTO and FHWA guidance; as do IDEA submittal protocols. Therefore, an IDEA Wall System Evaluation Report generally should encompass a complete submittal to NDOT.

However, wall system suppliers should review their IDEA report versus applicable NDOT specification (714 or 715) to determine if any of their material properties, detailing, construction procedures, etc. should deviate from that in the IDEA report to meet NDOT practice. Any deviations from the IDEA report for NDOT projects should be noted within their submittal.

NDOT 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, June 2021.