

# Design Standards Letter

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**Letter Date:** 07/22/2024

**Effective Date:** 10/01/2024

**Section:** 109, 408, 618, 625, 720, 1015, 1052

**Subject:** Revised Supplement to the 2024 Standard Specifications

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**TO:** All Central and District Offices

**FROM:** Amy Crawford

**DATE:** July 22, 2024

**SUBJECT:** Standard Specifications Letter No. 4, 2024

The Supplemental Revisions to the *2024 Missouri Standard Specifications for Highway Construction*, effective October 1, 2024 are now available on MoDOT's [website](#).

Questions regarding the Supplemental Revisions to the Missouri Standard Specifications should be directed to Duke Leggett in Central Office Design, Engineering Policy Services, at 417-895-7611 or myself at 573-751-6905.

## **MAJOR REVISIONS:**

### **SECTION 720 MECHANICALLY STABILIZED EARTH WALL SYSTEMS**

*Sec 720.2 Material.* Added "(MSE) and Sound Wall" to last row in table.

*Sec 720.2.3* Changed "large block wall" to "precast modular panel wall (PMPW-MSE)".

*Sec 720.2.4* Changed "small block wall" to "drycast modular block wall (DMBW-MSE) systems and wetcast modular block wall (WMBW-MSE)".

*Sec 720.3.2* Changed "Small block wall" to "Drycast modular block wall (DMBW-MSE) systems with approved soil reinforcement". Inserted third and fourth sentences about wetcast modular block wall (WMBW-MSE) system height.

*Sec 720.3.3* Changed "six complete sets" to "electronically one set".

*Sec 720.4.1* Replaced title with "Drycast Modular Block Wall (DMBW-MSE) and Wetcast Modular Block Wall (WMBW-MSE) Systems."

*Sec 720.4.1.2* Changed “small block wall” to “drycast modular block wall (DMBW-MSE) systems and wetcast modular block wall (WMBW-MSE)”.

*Sec 720.4.2* Replaced title with “Precast Modular Panel Wall (PMPW-MSE) Systems.”

*Sec 720.4.2.2* Changed “large block wall” to “precast modular panel wall (PMPW-MSE)”.

*Sec 720.4.5 Leveling Pad.* Inserted second sentence “Gravel leveling pads will not be allowed.” Added last three sentences concerning geotextile and elevations.

*Sec 720.4.6 Batter Requirements.* Inserted second sentence “Negative (outward leaning) batter is not acceptable.”

*Sec 720.4.9.1* Changed “Large Block Walls” to “Precast Modular Panel Walls (PMPW-MSE)” in first and second rows of table. Changed “Small Block Walls” to “Drycast Modular Block Walls (DMBW-MSE) and Wetcast Modular Block Walls (WMBW-MSE)” in third row of table.

*Sec 720.4.9.2* Changed “small block walls” to “drycast modular block wall (DMBW-MSE) systems and wetcast modular block walls (WMBW-MSE)”.

## **SECTION 1052 MECHANICALLY STABILIZED EARTH WALL (MSE) AND SOUND WALL SYSTEM COMPONENTS**

*Sec 1052.1* Changed “large block wall systems” to “precast modular panel wall (PMPW-MSE) systems and sound walls”. Changed “small block wall” to “drycast modular block wall (DMBW-MSE) and wetcast modular block wall (WMBW-MSE)”.

*Sec 1052.30* Replaced title with “Precast Modular Panel Wall (PMPW-MSE) and Sound Wall Systems – Concrete Facing Panels.”

*Sec 1052.40* Replaced title with “Drycast Modular Block Wall (DMBW-MSE) and Wetcast Modular Block Wall (WMBW-MSE) Systems - Concrete Blocks.”

*Sec 1052.40.1 Scope.* Changed “small block” to “drycast modular block and wetcast modular block”.

### **MINOR REVISIONS:**

## **SECTION 109 MEASUREMENT AND PAYMENT**

*Sec 109.16 Fixed Cost Items.* Increased fixed prices for all supplementary wearing surface material items.

## **SECTION 408 PRIME COAT**

*Sec 408.5 Method of Measurement.* Added “and adjusted for temperature correction”.

## **SECTION 618 MOBILIZATION**

*Sec 618.1 through 618.2.2* Replaced sections entirely with new specifications.

## **SECTION 625 SLAB STABILIZATION**

*Sec 625.10.4.2* Added “and adjusted for temperature correction”.

## **SECTION 1015 BITUMINOUS MATERIAL**

*Sec 1015.6.1 Liquid Bituminous Material and Asphalt Binder - Volumetric Determination.*  
Replaced reference to “ASTM D 1250, Table 24b” with “ASTM 4311, Table 2”.

ABC/DML