**Design Standards Letter**

**Letter Number: P-2022-03**

**Letter Date: 04/20/2022**

**Effective Date: 07/01/2022**

**Section/Plan No.: 502.05, 626.00, 725.00, 805.00, 903.03, D-29**

**Subject: Revised Supplement to the 2021 Missouri Standard Plans for Highway**

**Construction and New Publication of the 2022 Missouri Standard Plans for Highway Construction.**

**TO:** All Central and District Offices

**FROM:** Sarah Kleinschmit

**DATE:**  April 20, 2022

SUBJECT: Engineering Policy

Standard Plans Letter No. 3, 2022

The Supplemental Revisions to the *2021 Missouri Standard Plans for Highway Construction* and new publication of the *2022 Missouri Standard Plans for Highway Construction,* effective July 1, 2022are now available on MoDOT’s website.

Questions regarding the Supplemental Revisions to the Missouri Standard Plans for Highway Construction should be directed to Duke Leggett, Central Office – Engineering Policy Services, at 417-895-7611 or myself at 573-751-7412.

**MAJOR REVISIONS:**

**502.05Q** *(sheet 3 of 4)*. Changed note (1) to “Longitudinal joint not required for 4’ or less inside shoulder, paved monolithically with adjacent driving lane, on divided highways and ramps.”

**805.00** *(sheet 1 of 1)*. New Standard Plan “Seeding” establishes cool and warm season grass mixtures for specific regions across the state.

**903.03BP** *(sheet 7 of 16)*. Clarified Anchor Bolt Detail for 12 and 7-gauge anchors. Simplified Breakaway and 2.5” + 2.25” Post Detail. Added oblique view and proportionally scaled plan view of Omnidirectional/Stabilized Driven Anchor. Removed elevation views of omnidirectional anchors from and combined Driven Anchor Installation Detail. Changed Concrete and Polyurethane Foam Footing Details to refer to Sec 903 for material requirements. Clarified column headings and removed asterisks from bottom two 7-gauge anchors in Data Table. Rearranged details for spacing and removed note “48” footings may be used with 12 gauge or 7 gauge anchors.”

**903.03BP** *(sheet 16 of 16)*. Changed note (3) to “See Sec 903 for concrete material requirements.” Corrected misspellings.

**D-29**. Removed bolt-down footings and relocated embedded footings to far left. Detached backing bars from structural steel posts and added note “\*\* Backing bars are totaled with structural steel or pipe posts.” Changed all PSST anchor units from linear feet to each; removed omnidirectional anchors and added driven and concrete anchors.

**MINOR REVISIONS:**

**626.00H** *(sheet 1 of 2)*. Added General Note “For concrete pavement with 15’ joint spacing, at least twelve rumble strips shall be milled per panel.”

**725.00C** *(sheets 2 through 4 of 5)*. Corrected misspellings.

SKK/DML