

Design Standards Letter

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Letter Date: 1/20/2023

Effective Date: 4/1/2023

Section/Plan No.: 502.05, 502.10, 616.10, 903.03, D-29

Subject: Revised Supplement to the 2022 Missouri Standard Plans for Highway Construction

TO: All Central and District Offices

FROM: Sarah Kleinschmit

DATE: January 20, 2023

SUBJECT: Engineering Policy
Standard Plans Letter No. 2, 2023

The Supplemental Revisions to the 2022 Missouri Standard Plans for Highway Construction, effective April 1, 2023, are 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:

502.05S (*sheet 1 of 4*) Deleted the first sentence of the third general note that specified an L3 joint for shoulders greater than 4'. Removed the last general note concerning monolithic shoulders 4' or less since it is now incorporated into changed note (1) on sheet 3 of 4.

(*sheet 3 of 4*) Deleted the last general note that stated “L3 joint for full depth or partial depth shoulders.” Changed note (1) in Joint Plan and Spacing for Contraction Joints to “Longitudinal joint not required for 4' or narrower shoulder paved monolithically with the adjacent lane at the same thickness. Full depth shoulder wider than 4' shall require L1 or L2 joint instead of L3 joint.” Added note (2) “Dowel bars begin 6" inside edge of

traveled way.” and changed drawing accordingly. Renumbered subsequent notes in Transverse Contraction Joint C1 detail.

502.10L(*sheet 1 of 2*) Changed dowel basket width from edge of pavement structure/longitudinal joint to edge of traveled way and simplified asterisk note. Added row to Dowel Bars table for pavement thickness less than 7".

(*sheet 2 of 2*) Changed dowel placement width from edge of pavement structure/longitudinal joint to edge of traveled way and deleted asterisk note.

616.10BB (*sheet 8 of 9*) Added the entrance sign for GO20-4a and accompanying asterisk note; reorganized signs.

903.03BR (*sheet 7 of 16*) Removed the Post and Anchor Data Table and added the following note to rearranged Barrier Wall Mounting Detail: “Furnishing and installation of barrier wall post anchor for PSST shall be paid per each as concrete post anchor.”

(*sheet 12 of 16*) In the Delineator Connection Detail, changed the bracket fastener locations to be one inch from edge. Corrected left-hand side of one way traffic delineator symbol/color from white to yellow.

MINOR REVISIONS:

D-29 Added “Drafter’s note: PSST installed on freeways, expressways and ramps shall be installed using concrete footings.”

SKK/DML