

Design Standards Letter

Letter Number: P-2024-02

Letter Date: 1/22/2024

Effective Date: 4/1/2024

Plan No.: 203.20, 203.21, 203.22, 606.61, 607.10, 607.11, 607.20, 608.00, 612.20, 616.10, 616.20, 805.00, 902.30, D-2BS

Subject: Revised Supplement to the 2023 Missouri Standard Plans

TO: All Central and District Offices

FROM: Amy Crawford

DATE: January 22, 2024

SUBJECT: Standard Plans Letter No. 2, 2024

The Supplemental Revisions to the *2023 Missouri Standard Plans for Highway Construction*, effective April 1, 2024, are now available on MoDOT's [website](#).

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

MAJOR REVISIONS:

606.61 MGS 38-Inch Two-Tube Rail Transitions

(sheets 1 through 3 of 3) New standard plan for guardrail transitions to bridge railing.

616.20B Temporary Traffic Control Plans

(sheets 2 and 3 of 5) Removed flag assembly from flagger sign.

(sheet 5 of 5) Added “required” to truck mounted attenuator for striping warning trucks.

D-2BS Replaced item number 6123000A with 6123001 Truck Mounted Attenuator (TMA). Removed “with flags” from descriptions of signs WO8-6 Truck Crossing and WO20-7 Flagger.

MINOR REVISIONS:

203.20G Superelevation, Spirals and Widening (Undivided Highway)

(sheet 1 of 4) Fixed spelling typo.

203.21K Superelevation, Spirals and Widening (Divided Highway)

(sheets 1 and 2 of 3) Fixed spelling typo.

203.22A Superelevation, Spirals and Widening

(sheet 1 of 2) Capped the superelevation runoff lengths for 50 mph and higher to match 7th ed. “Green Book” correction.

607.10W Chain-Link Fence

(sheet 1 of 1) Added “nominal inside diameter” to first general note.

607.11J Chain-Link Fence for Retaining Walls

(sheet 1 of 1) Added “Pipe post sizes are nominal inside diameters.” to general notes.

607.20H Woven Wire Fence

(sheets 1 and 2 of 2) Specified nominal inside diameter for gate post size and typographical errata.

608.00L Paved Approaches

(sheet 1 of 2) Added 4” Type 1 or 5 Base to Section E-E, restored Detail A (curb height transition), and in the general notes changed the word “dip” to gutter line.

(sheet 2 of 2) Added 4” Type 1 or 5 Base to Section K-K, changed the subtitle from “Not Adjoining Curb and Gutter Sections” to “Adjoining Curb Without Gutter Sections” and restored dashed lines for mainline curb.

612.20F Sand Filled Impact Attenuators

(sheet 1 of 1) Removed archaic “MoDOT type” sheeting verbiage and changed general note to “Object markers shall be placed on lead module facing traffic.”

616.10BD Temporary Traffic Control Devices

(sheet 6 and 7 of 9) Removed “with flags” from descriptions of signs WO8-6 Truck Crossing and WO20-7 Flagger.

805.00A Seeding

(sheet 1 of 1) Added to notes “Fertilizer = pounds of N/acre, pounds of P/acre, pounds of K/acre” and specified in tables.

902.30P Traffic Signals – Post Bases

(sheet 1 of 2) Clarified rock embedment table by removing base types.

ABC/DML