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