

Design Standards Letter

Letter Number: P-2024-03

Letter Date: 5/16/2024

Effective Date: 7/1/2024

Plan No.: 606.41, 606.42, 606.50, 616.10, 616.20, D-29, D-2BS

Subject: New Publication of the 2024 Missouri Standard Plans

TO: All Central and District Offices

FROM: Amy Crawford

DATE: May 16, 2024

SUBJECT: Standard Plans Letter No. 3, 2024

New publication of the *2024 Missouri Standard Plans for Highway Construction*, effective July 1, 2024, are now available on MoDOT's [website](#).

Questions regarding 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:

606.41N Renamed Standard Plan from “Three-Strand Guard Cable” to “Repair Only: Low-Tension Guard Cable.”

(sheet 1 of 7) Changed callouts of concrete “Anchor Assembly” to “Anchor Footing” and removed occurrences of Roadside, Median and “3” descriptors.

(sheet 2 and 3 of 7) Relocated detail “Profile of Transition at Median Obstacle with Bullnose or In a Median Narrower Than 60’” to sheet 4. Replaced “S-R-T 350 or FLEAT” with “flared or tangential crashworthy end terminal.” Under General Notes, deleted “constructed so that it is” from first note and “options for” from the second note. Properly depicted pay limits of Guard Cable to Guardrail Anchor Assembly in elevation.

(sheet 4 of 7) Reordered former sheet 7 Transition at Median Opening and renumbered subsequent sheets. Added relocated detail “Profile of Transition at Median Obstacle with

Bullnose or In a Median Narrower Than 60” from sheet 2. Changed callouts of concrete “Anchor Assembly” to “Anchor Footing” and deleted “3” quantifier.

(sheet 5 of 7) Removed “and Roadside” from Median Cable label in Terminal Anchor Assembly detail. Reorganized Details A and Cable Support.

(sheet 6 of 7) Deleted the first General Note. Removed “Median and Roadside Cable” label from the Anchor Bracket detail.

(sheet 7 of 7) Added General Notes and rearranged lower two details on sheet.

606.42 *(sheets 1 and 2 of 2)* New Standard Plan “High-Tension Guard Cable” with layouts for guardrail overlap and median openings.

606.50F *(sheet 4 of 9)* Relocated the General Notes (8-ft post prohibitions) to sheet 6.

(sheet 6 of 9) Changed the General Notes to include 8-ft post prohibitions relocated from sheet 4. Inserted “or flatter” to 2:1 slope in note (1).

(sheet 8 of 9) New sheet for MGS on Concrete Box Culvert; renumbered subsequent sheet.

MINOR REVISIONS:

616.10BE *(sheets 7 and 8 of 9)* Removed miscellaneous signs CONST-7 Rate Our Work Zone.

616.20C *(sheet 1 of 5)* Removed sign (56) CONST-7 Rate Our Work Zone.

D-29 Removed 3-in. pipe post from data table and added “Drafter’s note: Include “Stub Length” in Structural Steel and Pipe Posts.”

D-2BS Removed miscellaneous signs CONST-7 Rate Our Work Zone.

ABC/DML