

Design Standards Letter

Letter Number: G-2001-09

Letter Date: 09/06/2001

Effective Date: 01/01/2002

Section/Plan No.: None

Subject: "Work Zone Fine" Signs

Body

With the passage of Senate Bill 244 (SB244), MoDOT is implementing new work zone signing effective August 28, 2001. The information provided herein will serve as guidance on the new policies and assist designers with implementing the new signing for projects in the November and December bid openings. Revisions to the PDM, Specification book, Standards Plans and the 2BS sheet will be made with the October revisions effective January 2002.

The Work Zone Quality Circle has developed the "Work Zone Fine" sign, CONST-3A, to be used on projects eligible for the new work zone signing. If a lane closure is specified in the plans, the "Speeding/Passing" plate, CONST-3X, will be placed over the CONST-3A "SPEEDING" message to indicate that the passing penalties are also in effect.



CONST-3A CONST-3X

Not all projects with work zones require the new work zone fine signs. The CONST-3A sign is required if **ALL** of the following criteria are met:

1. Duration of the work zone is longer than 4 hours.
 2. Reduced speed limits are in effect.
 3. Normal posted speed limit is 60 mph or greater.
 4. Workers will be present without positive protection (i.e., concrete barrier, guardrail, etc.).
- For roadways with three or more lanes in one direction with a lane closure, the passing provision will not apply. However, if a project does not meet **ALL** of the above criteria, the core team should discuss the merits of using this sign on the project.

The CONST-3A sign, with or without the CONST-3X plate, shall be specified in the signing

sequence after the "Reduced Speed Ahead" sign, R2-5a, if used, and in advance of the "Speed Limit XX" sign, R2-1, if it is a reduction in the posted speed limit on the section of road. In addition, a "Speed Limit XX" sign, R2-1, shall be posted at the end of the reduced speed limit section to advise drivers that the speed limit has returned to the posted speed. During any period of two hours or more that no person is present in the work zone to perform duties related to the work zone, all CONST-3A signs shall be covered such that they are not visible to the traveling public. This information will be added to the spec book.

Independent of SB244, but included with this implementation, is the introduction of a "Work Zone" plaque, GO23-1. The GO23-1 plaque will be added to certain regulatory signs in work zones to help identify them as work zone regulations as well as help with the implementation of SB244. The GO23-1 plaque shall be specified in conjunction with the following signs on all projects:

- "Reduced Speed Ahead" signs, R2-5a.
- "Speed Limit XX" signs, R2-1.
- "Do Not Pass" signs, R4-1.
- "Pass With Care" signs, R4-2.

This plaque will be installed above and match the width of the corresponding regulatory signs (typically 36" wide).



GO23-1

Standard Plan 616.10 (5/5) and the 2BS sheet will be revised to include the CONST-3A, CONST-3X and GO23-1 as contractor furnished signs. Section 8-04 of the PDM will be revised to include design guidelines for the usage of these signs.

For projects in the November and December bid openings, two JSP's will be required to be included in the contract documents. These two JSP's are titled as follows:

1. "Work Zone Fine" Signs DSP-01-10.
2. "Work Zone" Plaques DSP-01-11.

These JSP's detail the installation of the signs and plaques and provide a bid item for the work. These JSP's will not be applicable after the December letting since these signs will no longer be Commission furnished.

Attached for your convenience is an example sign sequence layout drawing and the two JSP's. The JSP's are now active in the Job Special Provisions Database.

Please contact Jeff Leftwich (573-751-7412) or David Silvester (573-526-2903) with your questions.

dts

Attachments

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Work Zone Fine Sign Sequence Layout.doc