



Montana Department of Transportation
PO Box 201001
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Memorandum

To: Tyrel Murfitt, P.E., Traffic Design Engineer
Stan Brelin, P.E., Traffic Operations Engineer
Patricia Burke, P.E., Traffic Safety Engineer

From: Gabe Priebe, P.E., Traffic and Safety Engineer

Date: January 11, 2022

Subject: Type XI Sign Sheeting – Updated Application Guidelines

Type XI (eleven) sign sheeting for sign faces has shown to have higher visibility than type IV and type IX sheeting during all light conditions, has a higher level of retro reflectivity, and has a longer life before replacement.

For the purposes of design, MDT's standard of practice shall be to specify type XI sheeting for all signage, excluding delineators. Background sheeting for D-3 signs will now be Type XI, which will allow for digital printing of D-3 signs.

This change will be mandatory to all projects with letting dates after November 1, 2022. This will allow sign producers time to use all existing type IV inventory. These changes may begin to be implemented at the issue date of this memo at the discretion of the designer.

The replacement schedule for sign faces will remain at 10 (ten) years for all signs, and will be based on the date the sign was installed. When sign replacement is included in the scope of a construction project, replacement of all signs 8 years or older based on the ready date will be required.

copies: Dustin Rouse, P.E., Acting Chief Engineer
Nick Tholt, Traffic – Sign Design Supervisor
Steve Rogne, Traffic – Sign Design Supervisor
Eric Matye, Traffic – Signing Checker
Nathan Styren, Traffic – Signing Checker
LeRoy Wosoba, P.E. – Traffic Project Engineer
Mike Grover, P.E. – Traffic Project Engineer
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Master File