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MEMORANDUM
Roadway Design Division

August 5, 2020

TO: Road Design, Project Management, District Engineers, Safety, Traffic, Maintenance, Construction, Structures, Hydraulics, Environmental

FROM: Scott Hein, Chief Road Design Engineer *SBH*

SUBJECT: Temporary Barrier Rail Phase-Out Timeline for MASH-16

As part of the Nevada Department of Transportation's (NDOT) commitment to providing safer roads for the traveling public through the implementation of the 2016 Edition of the Manual for Assessing Safety Hardware (MASH-16) standards; portable precast concrete barrier rail that is not MASH-16 compliant will be gradually phased out.

Effective January 1, 2025, portable precast concrete barrier rail (F-shaped), as shown in the 2020 NDOT Standard Plans for Road and Bridge Construction, details RB-47A and RB-47B, can no longer be specified for use on NDOT contracts. A new standard detail for portable precast concrete barrier rail that is compliant with MASH-16 currently has no timeframe for completion.

For contracts advertised on or after January 1, 2025, contractors must use MASH-16 compliant portable precast concrete barrier rail or an approved product from Section 625.02.06 Alternative Portable Barrier Rail of the NDOT Qualified Product List (QPL) current at time of award.

For contracts advertised on or before December 31, 2024, contractors may use the current standard portable precast concrete barrier rail (F-shaped), or an approved product from Section 625.02.06 Alternative Portable Barrier Rail of the NDOT QPL current at time of award throughout the duration of the contract.

NDOT Maintenance crews may continue to use the current portable precast concrete barrier rail (F-shaped) for maintenance activities until December 31, 2024. For maintenance activities on or after January 1, 2025, only MASH-16 compliant portable precast barrier rail or approved products from Section 625.02.06 of the current NDOT QPL will be allowed.

For questions regarding the Department's MASH-16 implementation plan or portable precast concrete barrier rail, please contact Scott Hein, Chief Road Design Engineer by phone at (775) 888-7797 or email at shein@dot.nv.gov, or Eric Dimit, Standards and Manuals Supervisor by phone at (775) 888-7523 or email at edimit@dot.nv.gov.

SH:

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