**2020 CDOT MASH Compliance Guardrail Policy**

The Standards and Specifications Unit is revising and updating the implementation policy for MASH (Manual for Assessing Safety Hardware) tested 31-inch guardrail. The existing [Memorandum for MASH tested 31-inch Guardrail CDOT Implementation Policy – October 9, 2015](https://www.codot.gov/business/designsupport/2019-and-2012-m-standards/2019-m-standards-plans/mash-memos-2) outlining the current policy will be retired. The revised information in this memo can now be found in the CDOT [Project Development Manual](https://www.codot.gov/business/designsupport/bulletins_manuals/2013-project-development-manual), Section 2 – Project Development Process subsections 2.06.03, 2.07.03.04, and 2.09.

**Changes to the October 9, 2015 Memo**

For all official guidance on design and Department policies, this memo will be retired, however it will remain available on the CDOT M-Standards page for reference purposes only.

**Changes to Project Development Manual**

*2.06.03 – Paragraph 3*

Add “Standard Specifications for Road and Bridge Construction and AASHTO Roadside Design Guide” to first sentence.

*2.07.03.04 - Paragraph 4*

 Updated content and wording relative to references of NCHRP 230 and NCHRP 350 devices to meet MASH 2016 requirements.

* Added sentence: “All roadside safety devices meeting NCHRP-350 in good condition, determined to function as designed and meeting minimum height requirements may remain in place”.
* Removed sentence: “End terminals and cable guardrail terminals must be upgraded to NCHRP 350”.

*2.09*

This section has been updated to reflect changes in guidance originally provided in the now-retired 2015 Memo to address minimum guardrail heights, tolerances, and options allowed for modifying guardrail to meet acceptable configurations relative to MASH compliance of existing guardrail.

For your convience, here are the revisions:

   

**References:**

This Design Bulletins and others can be found on the CDOT website at:

<https://www.codot.gov/business/designsupport/bulletins_manuals/design-bulletins>

If you have questions, please contact Josh Palmer, Guardrail Engineer, Standards and Specifications unit, at 303-757-9229 or joshua.j.palmer@state.co.us.