

<b>WYOMING DEPARTMENT OF TRANSPORTATION</b>
<b>ROAD DESIGN MEMORANDUM #9</b>
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Issued by: Project Development, WYDOT, Cheyenne

<b>GENERAL TOPIC: MASH 2016 COMPLIANCE</b>
<b>SUBJECT: PROJECT LEVEL DOCUMENTATION</b>

## General

FHWA and AASHTO approved a Joint Implementation Agreement to sunset the use of NCHRP 350-compliant roadside hardware devices. The intent is to use MASH 2016-compliant devices after December 31, 2019 on NHS projects.

Roadside hardware devices can include guardrail, barriers, cable rail, end terminals, bridge rail, beak away luminaires and signs, traffic control devices, crash cushions, and temporary work zone devices.

To help minimize the number of different types of hardware devices placed along highways, WYDOT will use MASH 2016-compliant devices, when available, on all WYDOT maintained roads.

States must maintain documentation when non-MASH 2016-compliant devices are used and the basis for use. When sole-sourcing MASH-compliant devices, States must comply with Federal and State procurement requirements.

States may specify MASH 2009-compliant or NCHRP 350-compliant devices when:

- a. A MASH 2016-compliant device does not exist to address the situation.
- b. A MASH 2016-compliant device exists but does not meet the state's needs for a given project or regional conditions.
- c. The state is awaiting completion of MASH 2016 testing for a specific device, in which case the state must document the plan for testing the device that will be used on future projects in lieu of the specified NCHRP 350 device.
- d. The device is a temporary work zone device that has been in use prior to December 31, 2019 and is still within its normal service life.

## **Design Documentation**

For each project that involves roadside safety hardware, design teams need to document compliance and/or non-compliance using the current MASH form titled *MASH '16 Compliance Status for Roadside Safety Device & Project Level Compliance Checklist*.

Exact letting date on the form is not necessary, however the fiscal year of the letting should be indicated on the form.

Project Development will be responsible for initiating and routing the form for signature by the appropriate engineering Programs involved with the project.

## **Filing & Distribution**

Project Development will place the completed *MASH '16 Compliance Status for Roadside Safety Device & Project Level Compliance Checklist* in Falcon under the project **Correspondence** folder. Distribute the completed document to programs and districts involved via email with a Falcon link.