

**Approved Products List  
Impact Attenuators - MASH  
Revision Date: July 20, 2022**

**MASH Approved Devices  
Refer to the "Impact Attenuators - NCHRP-350" APL for NCHRP approved devices**

**Refer to project plans, 2017 Standard Specifications, and latest Supplemental to the Standard Specifications for guidance regarding the required use of a NCHRP-350 or MASH approved device**

**MASH TEST LEVEL 2 DEVICES**

**CLASS I DEVICES (715.41.1)**

MANUFACTURER	PRODUCT	LAB NUMBER
Work Area Protection Corp.	SCI-70GM (see Note 1)	1462445A
Valtir, LLC Products	QuadGuard M10 QM7024 (see Note 1)	2100785A

**CLASS II DEVICES (715.41.2)**

**CLASS III DEVICES (715.41.3)**

MANUFACTURER	PRODUCT	LAB NUMBER
TrafFix Devices	Big Sandy Impact Attenuator Sand Barrel (see Note 4)	2001149A

**TRUCK MOUNTED ATTENUATORS (TMA'S) AND TRAILER TRUCK MOUNTED ATTENUATORS (TTMA'S) (715.41.4)**

**MASH TEST LEVEL 3 DEVICES**

**CLASS I DEVICES (715.41.1)**

MANUFACTURER	PRODUCT	LAB NUMBER
Work Area Protection Corp.	SCI-100GM (see Note 2)	1462446A
Valtir, LLC	QuadGuard M10 QM10024 (see Note 2)	1462447A
Valtir, LLC	QuadGuard M Wide (see Note 6)	2100786A
Valtir, LLC	REACT M (see Note 2)	

**CLASS II DEVICES (715.41.2)**

**CLASS III DEVICES (715.41.3)**

MANUFACTURER	PRODUCT	LAB NUMBER
TrafFix Devices	Big Sandy Impact Attenuator Sand Barrel (see Note 4)	2001149A

**TRUCK MOUNTED ATTENUATORS (TMA'S) AND TRAILER TRUCK MOUNTED ATTENUATORS (TTMA'S) (715.41.4)**

MANUFACTURER	PRODUCT	MIN / MAX HOST VEHICLE WEIGHT (LBS)	LAB NUMBER
TrafFix Devices	Scorpion II Trailer Attenuator (see Notes 3 and 5)	13,560 / 22,046	2001047A
TrafFix Devices	Scorpion II Truck Mounted Attenuator (see Notes 3 and 5)	15,000 / 22,046	2001048A
Gregory Highway	TTMA-200 (see Notes 3 and 5)	10,337 / no limit	2004949A

**NOTES**

1. MASH Test Level 2 version. Device is non-tapered, non-gating. Device designed to shield obstacles 24" wide and less. Approved for temporary work zone and permanent (when specified) applications.
2. MASH Test Level 3 version. Device is non-tapered, non-gating. Device designed to shield obstacles 24" wide and less. Approved for temporary work zone and permanent (when specified) applications.
3. MASH Test Level 3 version.
4. Approved for temporary work zone and emergency applications only.
5. The Contractor shall utilize the TMA or TTMA in accordance with the manufacturer's recommendations, shall be responsible for selecting an appropriate host vehicle configured in accordance with and meeting the manufacturer's recommendations, and shall be responsible for taking into consideration all factors such as expected post-impact roll ahead distance for their specific operation at each differing location. In all cases, the Gross Vehicle Weight (GVW) of the host vehicle shall be within the range specified. This range is based on the parameters of the host vehicle weight(s) utilized during the MASH testing of the device.
6. MASH Test Level 3 version. Device is tapered, non-gating. Device designed to shield obstacles 69" wide and less. Approved for permanent (when specified) applications.