Approved Product List

# MASH - Impact Attenuators

**Required for Projects Let after June 30, 2018**

**Material Code:** 715.041.001 (AWP)

**Effective:** 5/29/2026

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## ↓ *MASH TEST LEVEL 2 DEVICES* ↓

CLASS I DEVICES (715.41.1)

| Manufacturer | Product | Lab Number |
|---|---|---|
| Hill & Smith Inc. | SCI-70GM (See Note 1) | 1462445 |
| Valtir, LLC | QuadGard M10 QM7024 (See Note 1) | 2100785 |
| Lindsey Corporation | TAU M (See Note 8) | 2602812 |

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) | 2001149 |
| Plastic Safety Systems Inc. | CrashGard Sand Barrel System (See Note 4) | 2502452 |

## ↓ *MASH TEST LEVEL 3 DEVICES* ↓

CLASS I DEVICES (715.41.1)

| Manufacturer | Product | Lab Number |
|---|---|---|
| Hill & Smith Inc. | SCI-100GM (See Note 2) | 1462446 |
| Valtir, LLC | QuadGuard M10 QM10024 (See Note 2) | 1462447 |
| Valtir, LLC | QuadGuard M Wide (See Note 6) | 2100786 |
| Valtir, LLC | REACT M (See Note 2) | 2100802 |
| Lindsey Corporation | TAU XR (See Note 7) | 2503161 |
| Lindsey Corporation | TAU M (See Note 9) | 2602813 |

CLASS II DEVICES (715.41.2)

| Manufacturer | Product | Lab Number |
|---|---|---|
| Valtir, LLC | MATT (Median Attenuating TREND Terminal) | 2300533 |

CLASS III DEVICES (715.41.3)

| Manufacturer | Product | Lab Number |
|---|---|---|
| TrafFix Devices | Big Sandy Impact Attenuator Sand Barrel (See Note 4) | 2001149 |
| Plastic Safety Systems Inc. | CrashGard Sand Barrel System (See Note 4) | 2502452 |

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 & 5) | 13,560 / 22,046 | 2001047 |
| TrafFix Devices | Scorpion II Truck Mounted Attenuator (See Notes 3 & 5) | 15,000 / 22,046 | 2001048 |
| Gregory Highway | TTMA-200 (See Notes 3 & 5) | 10,337 / no limit | 2004949 |
| Valtir, LLC | VORTEQ-M TRAILER TMA (See Notes 3 & 5) | 12,183 / no limit | 2400229 |

**NOTES**

(Note 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.

(Note 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.

(Note 3) MASH Test Level 3 version.

(Note 4) Approved for temporary work zone and emergency applications only.

(Note 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 theri 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.

(Note 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.

(Note 7) MASH Test Level 3 version. Device is non-tapered, non-gating. Device designed to shield obstacles 36" wide and less. Approved for temporary work zone and permanent (when specified) applications.

(Note 8) 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. For asphalt installations, additional base components at the front and rear of device to increase the number of anchor points are required.
(Note 9) 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. For asphalt installations, additional base components at the front and rear of device to increase the number of anchor points are required as well as nested slider panels on each side of the most rearward bay.