

Traffic Barrier End Treatments

MASH 2016 Products

| Product | Producer | Approval Date | Recertification Date | Permanent | Temporary | Model Number | Test Level | Type |
|----------------------------------|-------------------------------|---------------|----------------------|-----------|-----------|-------------------------|------------|------|
| MAX-Tension Median End Treatment | Barrier Systems, Inc. | 01/09/2020 | 01/31/2025 | Yes | No | Median TL-3 | TL-3 | D, F |
| QUADGUARD M10 | Trinity Highway Products, LLC | 12/21/2018 | 12/31/2023 | Yes | Yes | MASH TL-3, 24IN WIDE | TL-3 | E |
| SCI SMART CUSHION | Work Area Protection, Corp. | 07/10/2017 | 07/31/2022 | Yes | Yes | SCI100GM | TL-3 | E, J |
| TAU-M | Barrier Systems, Inc. | 05/21/2019 | 05/31/2024 | Yes | Yes | Universal TAU-M | TL-3 | E, J |

NCHRP 350 Products

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|---|---------------------------------|---------------|----------------------|-----------|-----------|--------------|------------|------|
| FLARED ENERGY ABSORBING TERMINAL (FLEAT-MT) | Road Systems, Inc. | 08/24/2011 | 03/31/2020 | Yes | No | N/A | TL-3 | D |
| QUADGUARD | Energy Absorption Systems, Inc. | 06/21/1996 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E |
| QUADGUARD CZ | Energy Absorption Systems, Inc. | 10/07/2014 | 03/31/2020 | No | Yes | N/A | TL-3 | E |
| QUADGUARD ELITE | Energy Absorption Systems, Inc. | 06/17/1999 | 03/31/2020 | Yes | No | N/A | TL-3 | E, J |
| QUADGUARD II | Energy Absorption Systems, Inc. | 03/20/2009 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E |
| QUADGUARD LMC | Energy Absorption Systems, Inc. | 12/01/1997 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E, J |
| QUEST | Energy Absorption Systems, Inc. | 02/17/2005 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E |
| REACT-350 | Energy Absorption Systems, Inc. | 04/12/1995 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E, J |

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| TAU-II | Barrier Systems, Inc. | 09/14/2001 | 03/31/2020 | Yes | Yes | Universal II | TL-3 | E |
| TAU-II R | Barrier Systems, Inc. | 08/18/2011 | 03/31/2020 | Yes | Yes | Universal II R | TL-3 | E, J |
| TRAFFIX COMPRESSOR ATTENUATOR | TrafFix Devices, Inc. | 02/14/2013 | 03/31/2020 | No | Yes | 55000 Series | TL-3 | E, J |
| TRINITY ATTENUATOR CRASH CUSHION (TRACC) | Trinity Highway Products, LLC | 11/13/1998 | 03/31/2020 | Yes | Yes | N/A | TL-3 | E |
| X-TEN | Barrier Systems, Inc. | 04/25/2012 | 03/31/2020 | Yes | No | X-TENUator System | TL-3 | E |
| X-TENSION GUARDRAIL END TERMINAL (MEDIAN) | Barrier Systems, Inc. | 11/05/2007 | 03/31/2020 | Yes | No | X-MAX System | TL-3 | D, F |

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