

## Traffic Barrier End Treatments

## MASH 2016 Products

Product	Producer	Approval Date	Recertification Date	Permanent	Temporary	Model Number	Test Level	Type
Delta Crash Cushion	TraFFix Devices,Inc.	1/5/2024	04/04/2028	Yes		N/A	TL-3	E
MATT	Valtir, LLC	1/5/2024	03/08/2028	yes		N/A	TL-3	D
MAX-Tension Median End Treatment	Barrier Systems, Inc.	01/09/2020	03/31/2025	Yes	No	Median TL-3	TL-3	D
QUADGUARD M WIDE	Valtir, LLC	05/18/2022	03/31/2025	Yes	Yes	QM10069	TL-3	E
QUADGUARD M10 24IN WIDE	Valtir, LLC	12/21/2018	03/31/2025	Yes	Yes	MASH TL-3, 24IN WIDE	TL-3	E
QuadGuard® Elite M10 24in	Valtir, LLC	11/16/2021	12/31/2028	Yes	Yes	QG10024E	TL-3	J
REACT M	Valtir, LLC	04/04/2024	12/21/2028	Yes		REACT M	TL-3	J
SCI SMART CUSHION	Hill & Smith Inc.	07/10/2017	07/30/2025	Yes	Yes	SCI100GM	TL-3	E
TAU-M	Barrier Systems, Inc.	05/21/2019	05/31/2028	Yes	Yes	Universal TAU- M	TL-3	E

## NCHRP 350 Products

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FLARED ENERGY ABSORBING TERMINAL (FLEAT-MT)	Road Systems, Inc.	08/24/2011	03/31/2025	Yes	No	N/A	TL-3	D
QUADGUARD	Valtir, LLC	06/21/1996	03/31/2025	Yes	Yes	N/A	TL-3	E
QUADGUARD CZ	Valtir, LLC	10/07/2014	03/31/2025	No	Yes	N/A	TL-3	E
QUADGUARD ELITE	Valtir, LLC	06/17/1999	12/31/2025	Yes	No	N/A	TL-3	J
QUADGUARD II	Valtir, LLC	03/20/2009	03/31/2025	Yes	Yes	N/A	TL-3	E
QUADGUARD LMC	Valtir, LLC	12/01/1997	03/31/2028	Yes	Yes	N/A	TL-3	J
QUEST	Valtir, LLC	02/17/2005	03/31/2025	Yes	Yes	N/A	TL-3	E

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REACT-350	Valtir, LLC	04/12/1995	03/31/2028	Yes	Yes	N/A	TL-3	J
TAU-II	Barrier Systems, Inc.	09/14/2001	03/31/2025	Yes	Yes	Universal II	TL-3	E
TRAFFIX COMPRESSOR ATTENUATOR	TrafFix Devices, Inc.	02/14/2013	03/31/2028	No	Yes	55000 Series	TL-3	J
TRINITY ATTENUATOR CRASH CUSHION (TRACC)	Valtir, LLC	11/13/1998	03/31/2025	Yes	Yes	TRACC	TL-3	E
X-TEN	Barrier Systems, Inc.	04/25/2012	03/31/2025	Yes	No	X-TENuator System	TL-3	E
X-TENSION GUARDRAIL END TERMINAL (MEDIAN)	Barrier Systems, Inc.	11/05/2007	03/31/2028	Yes	No	X-MAS System	TL-3	D

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