

Permanent Impact Attenuator Attributes

ID #	Product Name	Manufacturer	ODOT Types ³	Test Level or Speed	Re-Directive or Partial.	Gating or not	Designed for Obstacle Widths ² of:	Length of Attenuator ¹	One Sided Hit (Shoulder)	Two Sided (Gore)	Two Sided Reverse Direction (Median)	Low Maintenance (if Applicable)
2921	EASI-CELL	ENERGY ABSORPTION		TL-1	Partial	Gating	51"	102"	Yes	Yes	Yes	No
3154	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES	C	TL-2	Yes	Non-Gating	24" & 30"	14'	Yes	Yes	Yes	No
3155	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES	D	TL-2	Yes	Non-Gating	2' 6"	Variable	Yes	Yes	Yes	No
3436	QUADGUARD (TL-2)	ENERGY ABSORPTION	C or D	TL-2	Yes	Non-Gating	24" - 90"	13' 1"	Yes	Yes	Yes	No
2413	QUADGUARD ELITE - TL-2	ENERGY ABSORPTION	G or H	TL-2	Yes	Non Gating	24-90"	Variable (23' 9" + transition)	Yes	Yes	Yes	Yes
3437	REACT 350 WIDE (TL-2)	ENERGY ABSORPTION	H	TL-2	Yes	Non Gating	60", 90"	18' 10"	Yes	Yes	Yes	Yes
3438	REACT 350 NARROW (TL-2)	ENERGY ABSORPTION	G	TL-2	Yes	Non Gating	36"	15' 2 3/4"	Yes	Yes	Yes	Yes
3110	SCI70GM	WORK AREA PROTECTION	G or H	TL-2	Yes	Non Gating	24" - 120"	Variable (13' 6" + transition)	Yes	Yes	Yes	Yes
2844	SHORTRACC	TRINITY INDUSTRIES	C	TL-2	Yes	Non Gating	24" & 30"	14'	Yes	Yes	Yes	No
2961	UNIVERSAL TAU-II	BARRIER SYSTEMS	E or F	TL-2	Yes	Non Gating	up to 102"	Variable 9' - 22'	Yes	Yes	Yes	No
3153	2005 TRACC (TL-3)	TRINITY INDUSTRIES	E	TL-3	Yes	Non Gating	24" & 30"	21'	Yes	Yes	Yes	No
3155	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES	F	TL-3	Yes	Non-Gating	Variable	Variable	Yes	Yes	Yes	No
2711	BEAT SSCC	ROAD SYSTEMS, INC.	A	TL-3	Partial	Gating	NA (Single Sided)	28'	Yes	No	No	No
880	BRAKEMASTER 350	ENERGY ABSORPTION	B	TL-3	Partial	Gating	G/R Transition	31' 8"	Yes	Yes	Yes	No
291	CAT-350 CRASH CUSHION	TRINITY INDUSTRIES	B	TL-3	Partial	Gating	G/R & Barrier	31.2' w/ Tail	Yes	Yes	Yes	No
1572	QUADGUARD	ENERGY ABSORPTION	E or F	TL-3	Yes	Non Gating	24-120"	22' 1"	Yes	Yes	Yes	No
2413	QUADGUARD ELITE - TL-3	ENERGY ABSORPTION	J or K	TL-3	Yes	Non Gating	24-90"	Variable (35' + transition)	Yes	Yes	Yes	Yes
1906	QUADTREND 350	ENERGY ABSORPTION	A	TL-3	Partial	Gating	NA (Single Sided)	20'	Yes	No	No	No
3138	QUEST 350	ENERGY ABSORPTION	E	TL-3	Yes	Non Gating	24"	22' 2"	Yes	Yes	Yes	No
2587	REACT 350 - WIDE	ENERGY ABSORPTION	K	TL-3	Yes	Non Gating	60", 96" & 120"	33' 10"	Yes	Yes	Yes	Yes
1364	REACT 350 (NARROW)	ENERGY ABSORPTION	J	TL-3	Yes	Non Gating	36"	30' 8"	Yes	Yes	Yes	Yes
2907	SCI100GM	WORK AREA PROTECTION	J or K	TL-3	Yes	Non-Gating	24" - 120"	Variable (21' 6" + transition)	Yes	Yes	Yes	Yes
1902	TRACC	TRINITY INDUSTRIES	E	TL-3	Yes	Non Gating	24"	Variable (21' + transition)	Yes	Yes	Yes	No
2961	UNIVERSAL TAU-II	BARRIER SYSTEMS	E or F	TL-3	Yes	Non Gating	up to 102"	25'	Yes	Yes	Yes	No
2759	WIDETRACC	TRINITY INDUSTRIES	E or F	TL-3	Yes	Non Gating	Variable	Variable (21' + transition)	Yes	Yes	Yes	No
3156	2005 FASTRACC	TRINITY INDUSTRIES		70 mph	Yes	Non Gating	24" & 30"	25' 8"	Yes	Yes	Yes	No
2570	QUADGUARD HS (HIGH SPEED)	ENERGY ABSORPTION		70 mph	Yes	Non Gating	24"	30' 7" to 31' 3"	Yes	Yes	Yes	No
3555	QUEST 115	ENERGY ABSORPTION		70 mph	Yes	Non Gating	24, 30, 36"	33' 3"	Yes	Yes	Yes	No

Notes:

1. Lengths of Impact Attenuators may vary depending on the need for a transition.
2. The design width for obstacles does not take into account additional width the Impact Attenuator may add.
3. When more than one Type is identified, only one is allowed as specified in the Plans.