



Alaska Department of Transportation and Public Facilities

Roadside Hardware Eligibility Program List of Approved Roadside Hardware

The roadside hardware systems listed below have been found to meet requirements for appropriate use on applicable Federally funded AKDOT&PF projects

Application Number	System Name	System Type	Alaska Standard Plan No.	Approved for Federal Aid in AK under Testing Standard				See Eligibility Determination Report for any limitations on use. Additional notes below.
				NCHRP 350	MASH 2009	MASH 2016	Test Level	
20-008	MSKT Guardrail End Terminal	End Treatments / Terminals	N/A			x	TL-3	
20-009	MASH 2016 MBEAT Guardrail End Terminal	End Treatments / Terminals	N/A			x	TL-3	
20-010	SoftStop Guardrail End Terminal	End Treatments / Terminals	N/A			x	TL-3	
20-011	MAX-Tension Guardrail End Terminal	End Treatments / Terminals	N/A			x	TL-3	
20-012	MAX-Tension Median Terminal	End Treatments / Terminals	N/A			x	TL-3	
20-013	QuadGuard M10 (24in Wide)	Crash Cushions	N/A			x	TL-3	
20-014	Universal TAU-M	Crash Cushions	N/A			x	TL-3	
20-018	QuadGuard Elite M10 (24 in)	Crash Cushions	N/A			x	TL-3	
20-020	SMT	Crash Cushions	N/A			x	TL-3	
20-001	MASH "F" Shape Concrete Barrier	Longitudinal Barriers	G-47.00			x	TL-3	
20-002	Steel Post W31 Guardrail	Longitudinal Barrier	G-05.11S			x	TL-3	
20-003	W31 Guardrail Buried-in-Backslope Terminal	End Treatments/Terminals	G-16.00			x	TL-3	
20-004	Wood Post W31 Guardrail	Longitudinal Barrier	G-05.11W			x	TL-3	
20-005	Guardrail Post Installation	Other	G-10.20			N/A	N/A	
20-006	Widening for Guardrail End Terminal	Other	G-20.12			N/A	N/A	
20-007	MASH Bridge Rail Thrie Beam Transition	Transition Systems	G-32.00			x	TL-3	
20-019	QuadGuard M10 (24 in Wide) TL-2	Crash Cushions	N/A			x	TL-2	
21-004	FG 300 Turnpike Curb System	Work Zone Systems	N/A			x	TL-3	
21-008	SZ-412 Series	Work Zone Systems	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report
21-009	SZ-412-S Series	Work Zone Systems	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report
21-010	SZ-412-2S Series	Work Zone Systems	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report
20-022	Absorb - M	Work Zone Systems	N/A			x	TL-3	Above-freezing environments required for installation.
20-023	Break-Safe	Sign Supports	N/A		x		TL-3	Limited Eligibility - See Application & Eligibility Determination Report.
21-007	QuadGuard M Wide	Crash Cushions	N/A			x	TL-3	
21-011	Universal TAU-II	Crash Cushions	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report. Superseded by 23-003 QuadGuard Elite M10 Wide for installations 69"-90".
21-013	REACT M	Crash Cushions	N/A			x	TL-3	
21-012	Universal TAU-IIR Crash Cushion	Crash Cushions	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report. Superseded by 23-003 QuadGuard Elite M10 Wide for installations 69"-90".
20-015	W31 Downstream End Anchor	End Treatments / Terminals	G-14.01			x	TL-3	
21-001	Light Sign Structure Post Embedment	Sign Supports	S-30.05	x			TL-3	Limited Eligibility - See Application and Eligibility Determination Report.
20-016	Long Span W31 Guardrail	Longitudinal Barriers	G-29.00		x		TL-3	
20-017	W31 Guardrail Transition Details	Longitudinal Barriers	G-11.00	x			TL-3	
21-002	Sign Post Base and Foundation	Sign Supports	S-31.02	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report
21-016	Telespar Posts	Sign Supports	N/A					No Determination - See Application and Eligibility Determination Report
21-014	MASH Box Beam Guardrail	Longitudinal Barriers	G-04.00			x	TL-3	
21-015	Delta Crash Cushion	Crash Cushions	N/A			x	TL-3	
21-006	TTMA-200 Trailer Truck Mounted Attenuator	Crash Cushions	N/A			x	TL-3	
20-021	Ulti-Mate	Sign Supports	N/A					No Determination - See Application and Eligibility Determination Report
22-003	Pole Safe	Luminaire Supports	N/A	x			TL-3	Limited Eligibility - See Application & Eligibility Determination Report
22-002	Redi-Torque	Sign Supports	N/A			x	TL-3	
22-001	MATT-Median Attenuating TREND Terminal	End Treatments / Terminals	N/A			x	TL-3	
23-001	Single-Slope Concrete Barrier	Longitudinal Barriers	N/A			x	TL-3	
23-002	SS180 M	Crash Cushions	N/A			x	TL-3	
23-003	QuadGuard Elite M10 Wide	Crash Cushions	N/A			x	TL-3	
23-004	8in King MASH Block	Longitudinal Barriers	N/A					No Determination - See Application and Eligibility Determination Report

23-005	VORTEQ M Trailer Mounted Attenuator	Crash Cushions	N/A			x	TL-3	
23-006	ALPHA DXM	Work Zone Systems	N/A			x	TL-2	
23-007	ArmorZone	Longitudinal Barriers	N/A			x	TL-2	Above-freezing environments required for installation.
23-008	ArmorBuffa	Crash Cushions	N/A			x	TL-3	Above-freezing environments required for installation.
23-011	Short Radius Guardrail System	End Treatments / Terminals	N/A			x	TL-3	
23-010	Sign Dart MASH	Sign Supports	N/A			x	TL-3	Must be connected to slip base and sign conforming to tested article. Do not install near intersection.