

ANY MODIFICATION OF MATERIAL OR CONFIGURATION OF ANY VDOT APPROVED PRODUCT OR CHANGE IN THE MANUFACTURER'S NAME AND ADDRESS MUST BE CONVEYED TO VDOT IMMEDIATELY. FAILURE TO DO SO CAN RESULT IN REMOVAL FROM THE APPROVED LIST. VDOT RESERVES THE RIGHT TO AND AT ANY TIME REMOVE A PRODUCT FROM THE APPROVED LIST AFTER ANY DISCLOSED CHANGES ARE REVIEWED.

Changes are shaded.

**MANUAL FOR ASSESSING SAFETY HARDWARE (MASH)
Provisionally Approved Products**

TERMINALS

ROAD SYSTEMS, INC.	TL-3 MASH SEQUENTIAL KINKING TERMINAL (MSKT) 50'-0", No Flare, 8" or 12" Blockouts as provided by Manufacturer.	VDOT ST'D. GR-MGS2
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BLOCKOUTS

MONDO POLYMER TECHNOLOGIES	12" DEEP COMPOSITE	FOR USE WITH VDOT ST'D. GR-MGS1
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**IMPACT ATTENUATOR
(MASH 2016)**

<u>TYPE 1 (RE-DIRECTIVE LOW-MAINTENANCE)</u>	
WORK AREA PROTECTION CORP.	TL-3 SCI - 100 GM
<u>TYPE 1 (RE-DIRECTIVE)</u>	
WORK AREA PROTECTION CORP.	TL-3 SCI - 100 GM
	TL-2 SCI - 70 GM
TRINITY HIGHWAY PRODUCTS, LLC	TL-3 QUAD GUARD M10
LINDSAY TRANSPORTATION SOLUTIONS	TL-3/TL-2 TAU-M

CRASHWORTHY LONGITUDINAL CONCRETE BARRIERS

<p align="center">SMITH-MIDLAND</p>	<p>TL-3 MASH Temporary Concrete Median Barrier F-shape with J-J Hook Connection</p> <p>12'-0" & 12'-6" LONG FOR USE AS MB-11A</p> <p>BRIDGE DECK (BOLT-DOWN) APPLICATION SHALL BE USED WITH APPROVAL BY THE DISTRICT STRUCTURE AND BRIDGE ENGINEER.</p> <p>WHEN USED AS AN ALTERNATIVE TO ST'D. 502.14 (BRIDGE DECK APPLICATIONS) 2 BOLTS (1" DIAMETER X 10" LONG) SHALL BE INSTALLED IN SLEEVES WITH HILTI ADHESIVE ON THE TRAFFIC SIDE PER THE MANUFACTURER'S RECOMMENDATIONS</p> <p>WHEN USED AS AN ALTERNATIVE TO ST'D. 502.15 (ROADWAY APPLICATIONS) 3 PINS (1- 1/2" DIAMETER X 48" LONG) ON THE TRAFFIC SIDE PER THE MANUFACTURER'S RECOMMENDATIONS.</p>
<p align="center">SMITH-MIDLAND</p>	<p>TL-3 MASH Temporary Concrete Median Barrier F-shape with J-J Hook Connection</p> <p>Free Standing 12'-0" Long</p>

TRUCK MOUNTED ATTENUATORS

<p align="center">VERDEGRO BLADE</p>	<p align="center">TL-3 MASH TMA</p>
<p align="center">TRAFFIX DEVICES, INC</p>	<p align="center">TL-3 MASH SCORPION II TMA</p>

TRAILER MOUNTED ATTENUATORS

<p align="center">TRAFFIX DEVICES, INC.</p>	<p align="center">TL-3 MASH SCORPION II TMA</p>
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