



2021

**QUADGUARD<sup>®</sup> M WIDE TL-3 (69) SYSTEM**



**TRINITY**  
**HIGHWAY**

**SCI41a**

SHEET NO.

DATE

1 of 2

8/5/2021

### INTENDED USE

The QuadGuard® M Wide System crash cushion is a member of the QuadGuard® Family and is designed to shield wide hazards. The QuadGuard® M Wide is designed to offer impact protection for both MASH light and heavy vehicles. The system is designed to shield gore areas, bifurcations and wide hazards, such as bridge piers and tollbooths. It has been tested to head-on and angle impacts at design speeds up to 100 km/hr.

### FEATURES

During head-on impacts, the QuadGuard® cartridges located between the QuadBeam™ diaphragms and surrounded by telescoping fender panels, are designed to compress. This action absorbs the kinetic energy from the impacting vehicle. For angled impacts along the side of the system, the system is designed to redirect the vehicle away from the shielded hazard. The QuadGuard® M Wide System is eligible for federal reimbursement as a MASH, Test Level 3 crash cushion. Two types of cartridges are utilized within the system, permitting convenient stocking of these replaceable elements. The QuadGuard® M Wide System is designed to shield hazards up to 69" wide.

### SPECIFICATIONS

Length: 248 [6710] nom.  
Width: 69 [1753] nom.  
Height: 32 [813] nom.  
Weight: 2985 lbs [1354 kg] nom.

### ELIGIBILITY

The QuadGuard® M Wide has been tested in conformance to MASH 2016 Test Level 3 and is eligible for federal reimbursement by FHWA.

FHWA Eligibility Letter(s): CC-163 dated December 01, 2020 for MASH 2016 Test Level 3.

### REFERENCES

*Manual for Assessing Safety Hardware (MASH)*, American Association of State Highway and Transportation Officials (AASHTO), 2016.

### CONTACT INFORMATION

15601 Dallas Parkway, Suite 525  
Addison, TX 75001  
Telephone: (888) 323-6374  
Fax: (800) 770-6755  
<http://www.trinityhighway.com>

## QUADGUARD® M WIDE TL-3 (69) SYSTEM

**SCI41a**

SHEET NO.

DATE

2 of 2

8/5/2021



**TRINITY**  
**HIGHWAY**