

# ABSORB-M<sup>™</sup> TL-3





SCI11c

DATE:

03/26/19

SHEET NO. 1 OF 2

Lindsay Transportation Solutions, 180 River Rd., Rio Vista CA. 94571, 888-800-3691 www.theroadzipper.com

### INTENDED USE

The ABSORB-M<sup>TM</sup> is a non-redirective, gating crash cushion designed to meet the latest test standards defined in the Manual for Assessing Safety Hardware (MASH), Second Edition, 2016. The ABSORB-M system utilizes water, thermoplastic elements (elements), tension straps, a midnose, and a transition to absorb kinetic energy and safely contain or control the trajectory of impacting vehicles. The MASH Test Level 3 system is comprised of a nose plate, three elements, ten pin assemblies, a midnose, a transition, and six mechanical anchors attaching to the barrier system. Of the three elements, the middle and rearmost are filled with water and the front element is empty. Each element is pre-assembled using four tension straps secured with eight bolts and thread locking compound. The system has a nominal 42" [1070mm] height, 24" [610mm] width, and an effective length of approximately 251 3/4" [6.39m]. The ABSORB-M is designed to attach directly to longitudinal roadside safety barrier systems and does not attach to a foundation.

## **APPROVALS**

The ABSORB-M <sup>™</sup> system has been fully tested in conformance with MASH, 2016 Test Level 3 and is determined eligible for Federal reimbursement by FHWA.

FHWA Eligibility Letter: CC-153, June 25, 2019

#### CONTACT INFORMATION

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