



2021

## SMT TRAILER MOUNTED ATTENUATOR



**TRINITY**  
HIGHWAY

**SWT05**

SHEET NO.

DATE

1 of 2

8/5/2021

### INTENDED USE

The SMT™ is a mobile crash cushion attached to the rear of a support vehicle. It is a towable system designed to be used on shadow or advanced warning vehicles upstream of moving operations or as a barrier vehicle for stationary work zones. The SMT™ is designed to be used on support vehicles with a minimum weight of 12,000 lb. and a maximum weight of 25,000 lb.

### FEATURES

The SMT™ consists of a frame, axle, energy absorbing cartridges, lighting, face plate, optional spare tire, and optional arrow board / message board. The frame is a structural tube steel space frame that is bolted together in sections consisting of an Impact Frame, Rear Arms, Center Frame, Forward Arms, and Tongue Section. There is also a flanged pintle lunette ring that bolts into location on the front of the system. This ring has two possible positions to provide the customer adjustability in hitch height on the rear of the support truck.

### SPECIFICATIONS

- The SMT™ is 242" long.
- Width is 82" wide.
- Height is 44" high, including the nominal height above the ground of 12" ± 1" at the rear of the system.
- A system without the optional arrow board weighs approximately 2620 lbs.

### ELIGIBILITY

The SMT™ TMA has been tested in conformance to MASH 2016 Test Level 3 and is determined eligible for Federal-aid reimbursement by FHWA.

FHWA Eligibility Letter(s): CC-160 dated April 1, 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

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