

801-T-227 TRUCK MOUNTED ATTENUATORS

(Adopted 06-18-20)

Description

This work shall consist of furnishing truck mounted or trailer mounted attenuators, TMAs, in accordance with 105.03.

Materials

Materials shall be in accordance with 801.02 and as follows:

Each TMA shall be in accordance with the appropriate TL-2 or TL-3 NCHRP 350 or MASH crash testing requirements. TL-2 or TL-3 units shall be used where the work zone speed limit is 45 mph or less. TL-3 units shall be required where the work zone speed limit is 50 mph or greater.

A copy of the FHWA eligibility letter for each TMA model shall be provided to the Engineer prior to use.

All TMAs shall be in good working condition.

Construction Requirements

Where specified, the TMA shall be used in accordance with 801.03 and the Indiana Manual of Uniform Traffic Control Devices, MUTCD, and the manufacturer's recommendations.

The TMA shall be an energy absorbing device attached to the rear of shadow trailers or trucks. When used, the shadow vehicle with the TMA shall be positioned a sufficient distance in advance of the work area, workers, or equipment to reduce the severity of rear end collisions from errant vehicles, but not so far in advance that errant vehicles can travel around the shadow vehicle and endanger the workers or equipment.

An additional shadow vehicle shall be provided for any gaps in the operation of 500 ft or more.

A TMA may be used on the work vehicle and the shadow vehicle.

TMA units shall be maintained in such a manner as to provide continuous service. No time extension will be considered for delays due to inoperable TMAs.

Method of Measurement

TMAs will be measured by the number of calendar days that each unit is in use.

Basis of Payment

The accepted quantities of TMAs will be paid for at the contract unit price per day, per each. Payment will be made only once for each day of use, regardless of the number of times the TMAs are moved to accommodate different phases of traffic maintenance or construction operations as shown in the contract.

Payment will be made under:

Pay Item	Pay Unit Symbol
Truck Mounted Attenuator.....	DAY

The cost of furnishing the truck, trailer, flashing arrow sign, and truck mounted impact attenuator shall be included in the cost of the pay item. No additional payment will be made for maintenance, repairs, or replacement of TMAs that are damaged or become inoperable.
