

Inspector Quantlist Report 20180130

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division VII: Traffic Control Facilities Title: Truck-Mounted Attenuators

Route Name:
Traffic Control Coordinator:
Type of Closure:
Location:
NCHRP Report Number \ MASH Number:
Type of Attenuator:

No	Compliance	Narrative	Reference
1.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Construction Bulletin 11-07
2.		There is an approved Traffic Control Plan (TCP).	Special Provisions 701-1 Standard Specifications 701-1
3.		The contractor has provided ADOT with the name of the employee responsible for implementing and monitoring the traffic control plan.	Special Provisions 701-3.01 Standard Specifications 701-3.01
4.		The Contractor has supplied the ADOT field office with a letter certifying that the truck-mounted attenuator (TMA) meets NCHRP 350 or M.A.S.H. requirements.	M.A.S.H. MUTCD 6F.86 NCHRP 350 Report Special Provisions 701-3.07 Standard Specifications 701-3.07
5.		Truck-mounted attenuators are configured in conformance with the manufacturer's certification.	M.A.S.H. MUTCD 6F.86 NCHRP 350 Report Special Provisions 701-3.07 Standard Specifications 701-3.07
6.		When ballast (weight) is added to Truck-mounted attenuators, it is secured so as not to shift or come loose.	Commercial Driver License (CDL) Manual section 3.3 - Securing Cargo Special Provisions 701-3.07 Standard Specifications 701-3.07

Inspector Quantlist Report 20180130

7.		When Truck-mounted attenuator is being used as a TMA, no loose equipment is stored on the truck bed.	Special Provisions 701-3.07 Standard Specifications 701-3.07
8.		Trucks furnished with a mounted attenuator have shoulder and lap restraint safety belts which are used by the driver (and passenger).	Standard Specifications 701-3.07
9.		The truck-mounted attenuators have rear-mounted, black and high-intensity yellow chevron stripes.	Special Provisions 701-3.07 Standard Specifications 701-3.07
10.		Attenuators have a standard trailer lighting system, including brake lights, turn signals, ICC-bar lights, and 2 yellow rotating beacons strobe lights, or LED Lights mounted on opposite rear corners of the truck approximately 4.5 feet above the bottom of the tires.	Special Provisions 701-3.07 Standard Specifications 701-3.07
11.		The truck-mounted attenuator is kept clean for maximum visibility.	Special Provisions 701-3.07 Standard Specifications 701-3.07
12.		The approved Traffic Control Plan (TCP) is being followed.	Special Provisions 701-1 Standard Specifications 701-1
13.		Truck-mounted attenuators are furnished at the locations shown on the approved traffic control plans.	Special Provisions 701-3.07 Standard Specifications 701-3.07
14.		The truck-mounted attenuator is positioned in advance of workers and equipment being protected in conformance with the "roll ahead distance" in the manufacturer's certification.	AASHTO's Chapter 9 Section 1A.11 Manual for Assessing Safety Hardware (M.A.S.H.) NCHRP 350 Report MUTCD 6F.86
15.		Operations requiring attenuators are ceased when the attenuation device (crash cushion) is damaged.	Standard Specifications 701-3.07
16.		Changeable Message Boards mounted on trucks are installed per the manufacture's published instructions. The attenuator and truck, as a unit, are certified as crash worthy.	Manual for Assessing Safety Hardware (M.A.S.H.) NCHRP 350 Report Special Provisions 701-3.07 Standard Specifications 701-2.01 (B)(1)
17.		All messages on truck-mounted Changeable Message Boards are approved by the Engineer.	Special Provisions 701-3.08 Standard Specifications 701-3.08
18.		Ninety percent or more of the pixels per character module are operating properly. The message must be understood, regardless of pixel count.	MUTCD 6F.55 Quality Guidelines for Temporary Traffic Control Devices, page 12
19.		Message boards, if installed, are clearly visible and legible from a distance of at least 800 feet both day and night. Each phase is a minimum of 3 seconds long. Each message can be read twice at the posted speed.	MUTCD 6F.61

Inspector Quantlist Report 20180130

20.		The bottom of the flashing arrow panel is a minimum of seven feet above the roadway surface.	MUTCD 6F.61 Special Provisions 701-3.07
21.		The flashing arrow panel is visible for the Type in use (A = 1/2 mile, B = 3/4 mile, C = 1 mile and D = 1/2 mile).	MUTCD 6F.61 Figure 6F-6
22.		Min Standard: two lamps out in the stem and none in the arrowhead; Chevron Mode: no more than one lamp out in any one chevron; and Caution Mode: four lamps functioning.	Quality Guidelines for Temporary Traffic Control Devices, page 10 thru 12
23.		Quantlist Minimum Frequency is being followed, one per material type per month.	Construction Bulletin 07-01