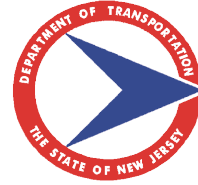


New Jersey Department of Transportation
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

ANNOUNCEMENT: BDC22S-01

DATE: April 22, 2022

SUBJECT: Traffic Control Truck
- **Revision to the 2007 and 2019 Standard Specifications for Road and Bridge Construction, Subpart 159.03.02 and Subsection 1001.03.**

Subpart 159.03.02 and Subsection 1001.03 of the 2007 and 2019 Standard Specifications for Road and Bridge Construction in order to clarify that the Traffic Control Truck is to weigh at least 10 tons with the arrow board and crash cushion.

The following revisions have been incorporated into the Standard Inputs (SI 2007 & SI 2019):

159.03.02 Traffic Control Devices

PART 6 IS CHANGED TO:

6. **Traffic Control Truck with Mounted Crash Cushions.** Provide the RE with a copy of the crash cushion manufacturer's recommendations. Provide the RE a certified weigh ticket of the Traffic Control Truck with arrow board and mounted Crash Cushion. Position the traffic control truck to ensure that there is adequate stopping distance after impact and to prevent errant vehicles from traveling around the truck and endangering workers. When used in a fixed position, place manual transmission vehicles in second gear and place automatic transmission vehicles in park. Ensure that the parking brake is set, and the wheels are turned to avoid rolling into active traffic lanes. Do not use traffic control trucks in place of other temporary impact attenuators for more than 24 hours. Relocate the traffic control truck as specified by the TCP, or as directed by the RE. Do not use the truck to carry additional equipment, materials, or debris. When using ballast, ensure that it is secured to the truck. Submit drawings to the RE detailing the manner of securing the ballast, signed and sealed by a Professional Engineer, certifying that it is capable of withstanding the impact forces for which the impact attenuator is rated.

1001.03 TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHIONS

THE FIRST PARAGRAPH IS CHANGED TO:

Provide a truck affixed with a bed-mounted type C flashing arrow board, as specified in 1001.01, and a rear mounted crash cushion. Ensure the weight of the truck with the type C flashing arrow board and the rear mounted crash cushion is minimum total weight of 10 tons. The Contractor may use ballast to meet the weight requirement. When using ballast, ensure that it is securely fastened to the truck. Provide crash cushions that conforms to the following requirements:

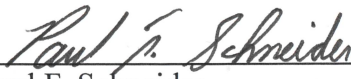
1. Meets crash-worthiness requirements as specified in 159.03.02.
2. Designed to be attached to the rear of a truck.
3. Equipped with a 90 degree hydraulic tilt system to raise and lower the crash cushion. The tilt system shall have a locking mechanism to secure the crash cushion when in the raised position.
4. If equipped with energy absorbing modules, ensure that they are painted yellow.

5. Displays alternating 6 inch wide black and yellow bands, composed of Type III-retroreflective sheeting, as specified in ASTM D 4956, in an inverted "V" chevron pattern on the surface of the rear module that faces traffic. When in the raised position, ensure that the surface of the rear facing module also displays the chevron pattern.
6. Equipped with standard trailer lighting systems, including brake lights, taillights, and turn signals that are visible in the raised and lowered positions.

Implementation Code S (SPECIAL)


Changes must be implemented in all applicable projects immediately upon the issuance of this BDC. These include projects in Design, projects schedule for Final Design, projects in Final Design, projects scheduled for advertisement, projects scheduled for receipt of bids and projects in construction. All necessary addenda and/or addenda to postpone the receipt of bids must be issued to ensure compliance.

Recommended By:



Paul F. Schneider
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Approved By:



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PS: NE: HP