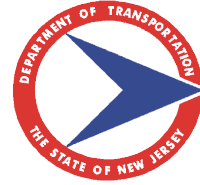


*New Jersey Department of Transportation*  
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



## *Baseline Document Change Announcement*

**ANNOUNCEMENT: BDC21D-06**

**DATE: March 21, 2022**

**SUBJECT: Revisions to Construction Barrier Curb for MASH Compliance**  
- Revision to CD-159-3, CD-159-4, CD-159-5, and TCD-2 of the Standard Construction Details 2016, Roadway

**REFERENCES: Revisions to Construction Barrier Curb for MASH Compliance**  
- Revision to the 2019 Standard Specifications for Road and Bridge Construction, Subsection 913.04  
**BDC21S-13 Dated March 21, 2022**

**Revisions to Construction Barrier Curb for MASH Compliance**  
- Revision to "Section 14 – Subsection 14.8.3 Traffic Control Plans and Details" of the Roadway Design Manual 2015.  
**BDC21MR-03 dated March 22, 2022**

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Construction Detail Sheets CD-159-3, CD-159-4, CD-159-5, and TCD-2 of the Standard Construction Details 2016, Roadway have been revised to incorporate MASH compliant construction barrier standards in accordance with the AASHTO/FHWA Joint Implementation Agreement for the AASHTO Manual for Assessing Safety Hardware (MASH), 2016.

NJDOT certifies that the Construction Barrier meets MASH standards.

### **DESCRIPTION OF THE CHANGES:**

CD-159-3: Added "MASH TL-3".

CD-159.3.1:

- Added non-shrink grout detail and note.
- Added Note 10.
- Revised note for ¾" diameter carriage bolt.

CD-159.3.2:

- Added "ANCHORAGE FOR CONSTRUCTION BARRIER CURB WITH ATTACHMENT TYPE D" detail.
- Added "See Note 10" to View B-B for concrete pavement.

CD-159-4.1 & CD-159-5.1:

- Added "MASH TL-3".

- Added 10" Radius (Typ.) and 3" Clear dimension to Section A-A.
- Added non-shrink grout detail and note in Section D-D.
- Revised "TABLE OF JOINT AND ANCHORAGE TREATMENTS FOR CONSTRUCTION BARRIER CURB."
- Revised "See Note 11" to "See Note 12" in "CONSTRUCTION BARRIER CURB" plan view.
- Revised 1" x ½" Stiff. dimension to 1 3/8" x ½" Stiff. in "CONNECTION KEY" detail.
- Added Note 17 and revised Notes 6, 14, 15, A, and B
- CD-159-5: Added note "2" Dia. Anchor Pocket Hole for Anchor Bolt (Typ.)" in "PLAN-ANCHOR RECESS/POCKET" detail.

## TCD-2:

- Replaced "Connection Type" with "Attachment Type".
- Revised Clear Area table and Note 2 in "CONSTRUCTION BARRIER CURB ATTACHMENT TYPE AND CLEAR AREA" detail.
- Eliminated "OPTIONAL CONNECTION TYPE B TREATMENT AT VERTICAL DROP OFF" detail.
- Revised note "Pin first hole on the construction side" to "Pin first hole on the traffic side" in "ATTACHMENT TYPE C TRANSITION" detail.

**REASON FOR THE CHANGES:**

To comply with the AASHTO/FHWA MASH Implementation Agreement

This revision must be read in conjunction with the referenced BDC Announcement.

**Implementation Code R (ROUTINE)**

Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for addenda or postponement of advertisement or receipt of bids.

**Recommended By:**


Paul F. Schneider  
Director  
Capital Program Support

**Approved By:**


Snehal Patel, P.E., PMP  
Assistant Commissioner  
Capital Program Management  
and State Transportation Engineer