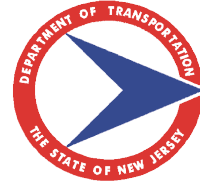


*New Jersey Department of Transportation*  
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



## *Baseline Document Change Announcement*

- ANNOUNCEMENT:**            **BDC21MR-03**
- DATE:**                        **March 21, 2022**
- SUBJECT:**                    **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.**
- REFERENCES:**                **Revisions to Construction Barrier Curb for MASH Compliance**  
-    **Revision to the 2019 Standard Specifications for Road and Bridge Construction, Subsection 913.04**  
     **BDC21S-03 dated March 21, 2022**
- Revision 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**  
     **BDC21D-06 dated March 21, 2022**

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Subsection 14.8.3 of the Roadway Design Manual has 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:**

- Second paragraph is revised to show four attachment types and maximum allowable movements.
- Third paragraph is revised to replace CD-159-3 to CD-159-3.1.
- Fourth paragraph regarding optional Connection Type B treatment at vertical drop off is eliminated.
- Chart for attachment types is revised to show new maximum allowable deflection and connection descriptions.
- Figure 14-A, Note D is revised to replace “Connection Type B” with “Attachment Type B.”

### **REASON FOR THE CHANGES:**

- To comply with the AASHTO/FHWA MASH Implementation Agreement.

The following pages of the Roadway Design Manual have been revised and replaced:

Section 14 Page 14-11  
Section 14 Page 14-12  
Section 14 Page 14-13  
Section 14 Page 14-14 (No Change)

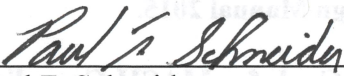
This revision must be read in conjunction with the referenced BDC announcement.

**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:**

**Approved By:**



Paul F. Schneider  
Director  
Capital Program Support

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

PS: NE: MS

DESCRIPTION OF THE CHANGES

- Second paragraph is revised to show how the proposed changes and modifications affect the project.
- Third paragraph is revised to replace CD-150.1 to CD-150.1.1.
- Fourth paragraph regarding vertical alignment type I connection is revised to show how the maximum allowable deflection and connection.
- Chart for attachment type is revised to show how maximum allowable deflection and connection descriptions.
- Figure 14-A, Note D is revised to replace "Connection type B" with "Attachment type B".

REASON FOR THE CHANGES

- To comply with the ASHTO FHWA VMT Implementation Agreement.
- The following pages of the Roadway Design Manual have been revised and replaced:

- Section 14 Page 14-11
- Section 14 Page 14-12
- Section 14 Page 14-13
- Section 14 Page 14-14 (No Change)