



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

ROADWAY DESIGN DIVISION
SUITE 1200 JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-3848
(615) 741-2221

CLAY BRIGHT
COMMISSIONER

BILL LEE
GOVERNOR

INSTRUCTIONAL BULLETIN NO. 21-05

REGARDING CHAPTER 5 – TEMPORARY CRASH CUSHION ITEM NUMBER

Effective immediately, the Roadway Design Guidelines Chapter 5 has updated section 5-305.00 to update the item number for Temporary Crash Cushion (MASH TL-3).

5-305.00 PORTABLE BARRIER RAIL

Horizontal taper rates shall be 10:1 or flatter for designs where posted speeds are less than or equal to 45 mph and 15:1 or flatter for designs where posted speeds are greater than 45 mph, see standard drawings [T-WZ series](#) for more information.. The approach ends of the portable barrier rail shall be located outside the clear zone or be shielded with a portable energy absorbing terminal. The energy absorbing terminals shall be paid for under Item Number 712-02.60 Temporary Crash Cushion (MASH TL-3) per Each, and footnoted as follows:

“This item shall be a portable energy absorbing terminal meeting the requirements of AASHTO MASH for Test Level 3. The pay item will include furnishing and installing all components as shown on the manufacturer’s drawing.”

Link for RDG Chapter 5:

https://www.tn.gov/content/dam/tn/tdot/roadway-design/documents/design_guidelines/DG-C5.pdf

If you have any questions or concerns, please contact me at Jennifer.Lloyd@tn.gov or James James.D.Kelley@tn.gov or Laura at Laura.Chandler@tn.gov.


Jennifer Lloyd, PE
Civil Engineering Director
Roadway Design Division