



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

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INSTRUCTIONAL BULLETIN NO. 24-03

Regarding New and Revised Standard Drawings

Effective August 16, 2024, letting (June 5, 2024, Turn-in), the following Standard Drawings have been revised or are new. In addition, Chapter 10 of the Roadway Design Guidelines - Index of Standard Drawings and the web site have been updated accordingly and are available online.

NEW STANDARD DRAWINGS:

DRAWING NUMBER	REVISION DATE	DESCRIPTION
10-103.01 CATCH BASINS		
D-CB-99GS		CATCH BASIN DETAILS FOR GRADE SEPARATION WALL
10-105.02 ROADWAY PAVEMENT		
RP-EPO-1		EMERGENCY PULL OVER AREA
10-106.05 TYPICAL SECTION		
MM-BS-1		TYPICAL BUS STOP LOCATION
10-107.06 GUARDRAIL (SPECIAL CASES)		
S-GRS-7B		SHORT-RADIUS GR SYSTEM (SRGS) ANCHOR DETAILS
10-107.07 GUARDRAIL TERMINALS		
S-GRT-4		TYPE 21 GATING END TERMINAL
S-GRT-4A		TYPE 21 GATING END TERMINAL ANCHOR DETAILS
S-GRT-4B		GATING TERMINAL POST & RAIL DETAILS
10-108.02 WORK ZONES		
T-WZ-65		LANE CLOSURE WITH LATE MERGE

REVISED STANDARD DRAWINGS:

DRAWING NUMBER	REVISION DATE	DESCRIPTION
10-101.03 RD11 SLOPE DEVELOPMENT AND RUNOFF LENGTHS		
RD11-SA-1	1-09-24	SAFETY APPROACH TO UNDERPASSES GRADING DESIGN AND SLOPE PROTECTION
10-102.01 PIPE CULVERTS AND FLUME		
D-PB-4	01-09-24	PIPE COLLAR DETAILS
10-105.02 ROADWAY PAVEMENT		
RD-UD-3	1-09-24	UNDERDRAIN DETAILS
10-105.03 INTERSECTIONS		
RP-DHO-2	01-09-24	MEDIAN OPENING DETAILS FOR RESTRICTED CROSSING & J-TURN INTERSECTIONS
10-107.01 CLEAR ZONE AND SAFETY PLANS		
S-PL-4	01-09-24	SAFETY PLAN FOR BRIDGE PIERS IN DEPRESSED MEDIAN
S-PL-4A	01-09-24	SAFETY PLAN FOR BRIDGE PIERS/ABUTMENTS OUTSIDE THE SHOULDER
10-107.02 CABLE BARRIER		
S-CB-1	01-09-24	CABLE BARRIER PLACEMENT
10-107.03 CRASH CUSHIONS		
S-CC-1	01-09-24	CRASH CUSHION
10-107.06 GUARDRAIL (SPECIAL CASES)		
S-GRS-7	01-09-24	SHORT-RADIUS GR SYSTEM (SRGS) CONNECTION TO BRIDGE END
S-GRS-7A	01-09-24	SHORT-RADIUS GR SYSTEM (SRGS) ANCHOR DETAILS
10-107.08 GUARDRAIL ANCHORS		
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
10-107.09 CONCRETE MEDIAN BARRIERS		
S-SSMB-10	01-09-24	SPECIAL DETAIL FOR CONCRETE MEDIAN BARRIER WALL TRANSITION (FROM 32" OR 36" TO 51")

DRAWING NUMBER	REVISION DATE	DESCRIPTION
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10-108.01 PAVEMENT MARKINGS

T-M-2	01-09-24	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-19	01-09-24	PAVEMENT MARKING DETAILS FOR RESTRICTED CROSSING & J-TURN INTERSECTIONS

10-108.02 WORK ZONES

T-WZ-63	01-09-24	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
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STANDARD TRAFFIC DESIGN DRAWING

10-200.00 SIGNS

T-S-26	01-09-24	SIGNING PLAN FOR RESTRICTED CROSSING & J-TURN INTERSECTIONS
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STANDARD STRUCTURE DRAWING

10-300.00 NEW STRUCTURES

STD-10-3	01-10-24	STANDARD FLUME DETAILS
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RELOCATED STANDARD DRAWINGS

All the underdrain standard drawings, RD-UD-3, RD-UN-4, RD-UD-6, RD-UD-7, RD-UD-8, and RD-UD-9 have been moved from under 10-101.00, ROADWAY DESIGN STANDARDS, to 10-105.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES, 10-105.02 ROADWAY PAVEMENT.

VOIDED STANDARD DRAWINGS

RD01-SERIES have now been removed from the circulation. Designers shall use the RD11 standard drawings during the development of the new projects.

These standard drawings are located on the web site and in Chapter 10 of the Design Guidelines and can be found in the following links.

Standard Drawings:

<https://www.tn.gov/content/tn/tdot/roadway-design/standard-drawings-library/standard-roadway-drawings.html>

Chapter 10 - Index of Standard Drawings is available online at this location:

https://www.tn.gov/content/dam/tn/tdot/roadway-design/documents/design_guidelines/rdg_pdn/pdnDG-C10.pdf

A handwritten signature in black ink, appearing to read "Shane M. Hester". The signature is fluid and cursive, with the first name being the most prominent.

Shane Hester, PE
Engineering Division Director

SH:ARH:RBB
March 28, 2024