



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DESIGN DIVISION**  
SUITE 1200 JAMES K. POLK BUILDING  
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CLAY BRIGHT  
COMMISSIONER

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GOVERNOR

**INSTRUCTIONAL BULLETIN NO. 20-22**

**Regarding Various Revised and New Standard Drawings**

**Effective May 7, 2021 letting (February 24, 2021 Turn-in)**, the following Standard Drawings have been revised and are new. The revised and new standard drawings have been revised in the Roadway Design Guidelines, Chapter 10, Index of Standard Drawings and are available online.

**New Standard Drawings:**

**10-107.00      DESIGN – TRAFFIC CONTROL**

**10-107.02      WORK ZONES**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
T-WZ-61		ROLLING ROADBLOCK DETAIL FOR DIVIDED HIGHWAYS

**10-105.00      MULTIMODAL**

**10-105.03      SAFETY RAIL**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
MM-BPR-3		BARRIER SLOPED END TREATMENT

**Revised Standard Drawings:**

**10-101.00      PIPE CULVERTS AND ENDWALLS**

**10-101.03      SAFETY SIDE DRAIN ENDWALLS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
D-PB-1	11-30-20	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	11-30-20	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-3	11-30-20	INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION

**10-103.00 NATURAL STREAM DESIGN**

**10-103.01 DEFLECTORS, VANES, AND ENERGY DISSIPATORS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
D-NSD-26	11-30-20	LOG VANES, ROOT WADS, AND BOULDER J-HOOK
D-NSD-27	11-30-20	LOG AND BOULDER STEP POOLS
D-NSD-28A	11-30-20	LOG RIFFLES

**10-107.00 DESIGN - TRAFFIC CONTROL**

**10-107.01 PAVEMENT MARKINGS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
T-M-4A	11-30-20	STANDARD UNSIGNALIZED MID-BLOCK CROSSING
T-M-4B	11-30-20	STANDARD SIGNALIZED MID-BLOCK CROSSING

**10-107.00 DESIGN – TRAFFIC CONTROL**

**10-107.02 WORK ZONES**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
T-WZ-32	11-30-20	TRAFFIC CONTROL PLAN SIGNAL LAYOUT FOR TRAFFIC SIGNAL AT TWO LANE BRIDGE RECONSTRUCTION SITE
T-WZ-56	11-30-20	TRANSVERSE RUMBLE STRIP USE WITHIN WORK ZONES

**10-108.00 EROSION PREVENTION AND SEDIMENT CONTROL**

**10-108.03 DITCH DEVICES**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
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EC-STR-6

11-30-20

ROCK CHECK DAM

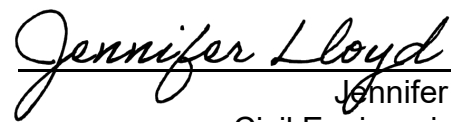
These standard drawings are located on the web site and in Chapter 10 of the Design Guidelines and can be found in the following links.

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/DG-C10.pdf](https://www.tn.gov/content/dam/tn/tdot/roadway-design/documents/design_guidelines/DG-C10.pdf)



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KJL:ARH:RBB:TD  
December 18, 2020