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ENGINEERING DIVISION - PRODUCTION SUPPORT**  
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**INSTRUCTIONAL BULLETIN NO. 25-02**

**Regarding New and Revised Standard Drawings**

**Effective April 2025**, the following Standard Drawings have been created or revised. In addition, Chapter 10 of the Design Guidelines - PDN and the web site have been updated accordingly and are available online.

**New Standard Drawings:**

**10-102.00 PIPE CULVERTS AND ENDWALLS**

**10-102.01 PIPE CULVERT AND FLUME**

DRAWING NUMBER	REVISION DATE	DESCRIPTION
D-FLU-3		BRIDGE END DRAIN FLUME DETAILS

**10-106.00 SAFETY DESIGN AND GUARDRAILS**

**10-106.01 CLEAR ZONE AND SAFETY PLANS**

DRAWING NUMBER	REVISION DATE	DESCRIPTION
S-PL-7		SAFETY PLAN HARDWARE PLACEMENT AT INTERSECTIONS

**10-106.06 GUARDRAIL (SPECIAL CASES)**

DRAWING NUMBER	REVISION DATE	DESCRIPTION
S-GRS-8		SAFETY PLAN AT SIDEROADS OR DRIVEWAYS FOR LOW SPEED ROADWAYS

**10-204.00 DESIGN – TRAFFIC CONTROL****10-204.01 PAVEMENT MARKINGS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
T-M-4A2		STANDARD PEDESTRIAN HYBRID BEACON AT MID-BLOCKING CROSSING
T-M-4B2		STANDARD PEDESTRIAN HYBRID BEACON AT COMMERCIAL AND STREET ENTRANCES

**Revised Standard Drawings:****10-106.00 SAFETY DESIGN AND GUARDRAILS****10-106.03 CRASH CUSHIONS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
S-CC-1	10-01-24	CRASH CUSHION

**10-106.05 GUARDRAIL CONNECTIONS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
S-GRC-4	01-30-25	GUARDRAIL CONNECTION TO BRIDGE RAILING CONCRETE PARAPET

**10-106.06 GUARDRAIL (SPECIAL CASES)**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
S-GRS-6	01-30-25	SPECIAL CASE FLEXIBILITY ON GUARDRAIL POST INSTALLATIONS

**10-106.07 GUARDRAIL TERMINALS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
S-GRT-4	01-30-25	TYPE 21 GATING END TERMINAL

**10-204.00 DESIGN - TRAFFIC CONTROL****10-204.01 PAVEMENT MARKINGS**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
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T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS ON CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-4A	01-24-25	STANDARD UNSIGNALIZED MID-BLOCK CROSSING
T-M-4B	01-24-25	STANDARD PEDESTRIAN HYBRID BEACON AT MID-BLOCK CROSSING
T-M-4C	01-24-25	PEDESTRIAN GATEWAY TREATMENT
T-M-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY AND FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9A	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9B	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATES AND ACCESS CONTROLLED ROUTES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-M-16	01-24-25	RUMBLE STRIPE INSTALLATION LAYOUT
T-M-16A	01-24-25	RUMBLE STRIPE DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE
T-M-17	01-24-25	PAVEMENT MARKING DETAILS FOR ROUNDABOUTS
T-M-18	01-24-25	FLEXIBLE DELINEATOR DETAILS

T-M-18A	01-24-25	DELINEATOR MOUNTING DETAILS
T-M-19	01-24-25	PAVEMENT MARKING DETAILS FOR RESTRICTED CROSSING & J-TURN INTERSECTIONS

**10-204.02 WORK ZONES**

<b>DRAWING NUMBER</b>	<b>REVISION DATE</b>	<b>DESCRIPTION</b>
T-WZ-PCB1	10-10-24	10 FOOT PORTABLE CONCRETE BARRIER RAIL
T-WZ-PCB2	10-01-24	20 FOOT PORTABLE CONCRETE BARRIER RAIL
T-WZ-PCB2A	10-01-24	20 FOOT PORTABLE CONCRETE BARRIER RAIL STIFFENER TUBE

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 - PDN:

<https://www.tn.gov/content/tn/tdot/engineering-division/engineering-production-support/standard-drawings-library/standard-roadway-drawings.html>

Roadway Design Guidelines – PDN:

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

<https://www.tn.gov/tdot/engineering-division/engineering-production-support/design-standards/design-guidelines2.html>



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SMH:LHC:ARH:DS  
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