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December 1, 2025

To: Users/Holders of Revision 2 of the Texas Manual on Uniform Traffic Control Devices

From: George Villarreal, P.E.
Director, Traffic Safety Division

Signed by:

George Villarreal, P.E.

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Subject: 2025 Texas Manual on Uniform Traffic Control Devices List of Changes

Effective Date: January 18, 2026

Purpose

The 2025 Texas Manual on Uniform Traffic Control Devices (TMUTCD) provides the Texas standard for all traffic control devices installed on any street, highway, bikeway, or private road open to public travel. The 2025 TMUTCD:

- Is substantially based upon the Manual on Uniform Traffic Control Devices 11th Edition (national MUTCD), which is published by the Federal Highway Administration (FHWA).
- Addresses both state and federal requirements.
- Incorporates Texas-specific content from the 2011 TMUTCD – Revision 2, with updated references to state laws and regulations, as well as related changes.
- Includes changes to Parts 1 through 9 and the Appendices.

The following list includes significant changes between the 2011 TMUTCD – Revision 2 and the 2025 TMUTCD. The list reflects revisions made by FHWA to the national MUTCD as well as revisions to Texas-specific content in the 2025 TMUTCD.

Variations from the national MUTCD are indicated by blue text and a vertical bar on the outside edge of the page.

The 2025 TMUTCD cancels and supersedes the 2011 TMUTCD – Revision 2, as amended, and all previous editions thereof.

Contents

TMUTCD Global Edits

- Revised many sign designations to be consistently numbered with the national MUTCD.
- Corrections for minor, non-substantive typographical errors.
- Corrected Known Errors in the national MUTCD for Guidance, Option, and Support statements (see Appendix B). Known Errors within Standard statements were not corrected to maintain substantial conformance in accordance with direction provided by FHWA.

PART 1 GENERAL

- Reorganized Part 1 to include content previously included in the Introduction of the 2011 TMUTCD – Revision 2.
- Section 1A.04A Format of the TMUTCD: Added Section that describes the format of the TMUTCD and how variations from the national MUTCD are shown.
- Table 1B-1. Target Compliance Dates Established by the FHWA: New compliance dates established by FHWA. Revised national MUTCD table to show specific compliance dates based on the effective date of the national MUTCD.
- Chapter 1C. Definitions, Acronyms, and Abbreviations Used in this Manual: Added and revised several definitions and abbreviations, including:
 - Revision to “Pedestrian” definition to include “sidewalk user” as defined by the Texas Transportation Code in accordance with SB 2039.

PART 2 SIGNS

CHAPTER 2A. GENERAL

- Section 2A.04 Design of Signs: Added Standard statement that prohibits a word message sign if an equivalent symbol sign exists, except as otherwise provided in the Manual.
- Table 2A-1. Use of Sign Shapes: Added the isosceles trapezoid sign shape for National Forest Route Signs to the table.
- Section 2A.08 Word Messages: Added Standard statement that provides the acceptable fonts for positive contrast signs.
- Section 2A.12 LEDs Used for Conspicuity Enhancement on Standard Signs: Added dedicated Section.

- Table 2A-5. Minimum Maintained Retroreflectivity Levels: Added White on Blue and White on Brown values to the table.
- Section 2A.23 Median Opening Treatments for Divided Highways: Added Guidance statements and figure for signing at median openings on divided highways.

CHAPTER 2B. REGULATORY SIGNS, BARRICADES, AND GATES

- Sections 2B.11 to 2B.17 for Stop Control: Added criteria for All-Way Stop Control, Minor Road Stop Control, and Yield Control Warrants.
- Section 2B.19 Stop Here for Pedestrians Signs: Replaced Yield Here to Pedestrians signs with Stop Here for Pedestrians (R1-5 Series) signs in text, figures, and tables, consistent with the Texas Transportation Code.
- Section 2B.21 Speed Limit Sign: Added text related to establishing and reevaluating speed zones on the basis of an engineering study.
- Section 2B.27 Intersection Lane Control Signs: Revised text and figures to recommend the use of curved-stem arrow symbols on Intersection Lane Control (R3-5 through R3-8) signs at roundabouts.
- Section 2B.28 Mandatory Movement Lane Control Signs and Plaques: Added text that limits the Mandatory Movement Lane Control (R3-5) and Optional Movement Lane Control (R3-6 series) signs to be only used for overhead applications.
- Previous Section 2B.43 of 2011 TMUTCD – Revision 2 Roundabout Directional Arrow Signs: Removed Roundabout Directional Arrow (R6-4 series) signs from text, figures, and tables.
- Sections 2B.46 and 2B.47: Added text and figures for DO NOT ENTER (R5-1) and WRONG WAY (R5-1a) sign applications.
- Section 2B.53 Design of Parking, Standing, and Stopping Signs: Added Electric Vehicle Parking and Charging signs.
- Figure 2B-25 Parking, Standing, and Stopping Signs and Plaques: Revised No Parking symbol (R8-3) sign design to have a red border.
- Section 2B.69 Photo Enforced Signs and Plaques: Removed Photo Enforcement signs from text, figures, and tables.
- Figure 2B-33 Other Regulatory Signs: Revised sign designs to include a yellow STATE LAW panel at the top of regulatory signs related to State law.

CHAPTER 2C. WARNING SIGNS AND OBJECT MARKERS

- Sections 2C.05 and 2C.06: Added text for the application of traffic control devices for changes in horizontal alignment.

- Section 2C.09 Combination Horizontal Alignment/Intersection Signs: Removed Combination Horizontal Alignment/Advisory Speed (W1-1a, W1-2a) signs.
- Sections 2C.10 and 2C.43 for Large Arrow Signs: Removed the Texas version of the One-Direction Large Arrow (W1-9T) sign and the Two-Direction Large Arrow (W1-7T) sign.
- Section 2C.13 Vehicle Speed Feedback Sign and Plaque (W13-20 and W13-20aP): Added dedicated Section and figure.
- Section 2C.25 Clearance Signs:
 - Added text for Clearance sign applications.
 - Replaced Downward Arrow (W12-3PT) plaque with a new Low Clearance Overhead (W12-2b) sign.
- Section 2C.40 Reduced Speed Limit Ahead and Speed Zone Signs: Added Variable Speed Zone Ahead (W3-5b) sign.
- Section 2C.41 Intersection Warning Signs: Removed the text version of the HIGHWAY INTERSECTION AHEAD (W2-1aT) sign.

CHAPTER 2D. GUIDE SIGNS—CONVENTIONAL ROADS

- Added tables, including:
 - Table 2D-2. Recommended Minimum Letter and Numeral Sizes for Conventional Road Guide Signs According to Speed.
 - Table 2D-3. Acceptable Abbreviations for Street Name Descriptors.
 - Table 2D-4. Street Name Descriptors Not Acceptable for Abbreviation.
 - Table 2D-5. Overhead Arrow-per-Lane Arrow Height Based on Principal Legend Letter Height.
- Table 2D-6. Minimum Letter Heights on Street Name Signs: Revised recommended minimum letter height values to reflect different font.
- Added Sections and corresponding figures, including:
 - Section 2D.41 Destination Signs at Intersections with Indirect Turning Movements.
 - Section 2D.52A for Turnaround (D13-1T) guide sign.
 - Section 2D.57 National Scenic Byways Sign and Plaque (M10-1 and M10-1aP).
 - Section 2D.58 State-Designated Scenic Byway and Historic Trail Route Signs.

- Section 2D.59 Emergency Routing Signs and Plaques (M4-11 and M4-12 Series).
- Section 2D.60 Signing at Airports.

CHAPTER 2E. GUIDE SIGNS—FREEWAYS AND EXPRESSWAYS

- Section 2E.18 Arrows for Interchange Guide Signs: Added Standard statement that requires directional arrows on post-mounted Exit Direction signs to be located at the bottom portion of the sign and centered under the legend.
- Figure 2E-21 Example of Advance Guide and Supplemental Signs for a Dropped Auxiliary Lane between Separate Interchange Ramps: Added figure.
- Section 2E.28 Signing for Interchange Lane Drops Without an Optional Exit Lane: Added Guidance statement and figure for warning of mainline lane termination immediately after an exit ramp.
- Section 2E.39 Signing for Option Lanes at Splits and Multi-Lane Exits:
 - Revised Standard statement to require the use of Overhead Arrow-per-Lane signs for major interchanges that have optional exit lane or split.
 - Removed Overhead Down Arrow guide signs for Option Lanes.
- Added Sections and corresponding figures, including:
 - Section 2E.36 Collector-Distributor Roadways for Successive Interchanges.
 - Section 2E.49 Post-Interchange Travel Time Sign.
 - Section 2E.57 Signs for Route Diversion by Vehicle Class.

CHAPTER 2F. TOLL ROAD SIGNS

- Section 2F.03 Use of Color on Toll Signs: Removed redundant Standard statement related to displaying a purple background color or underlay panel with the ETC pictograph.
- Figure 2F-1A Example of an ETC Account Pictograph with Video Billing: Replaced TOLL ROAD warning banner (plaque) with a TOLL panel (W90-11T).
- Figure 2F-2 Toll Plaza Regulatory Signs and Plaques: Revised Toll Rate (R90-2aT, R90-2bT) sign designs.
- Figure 2F-4 Toll Plaza Warning Signs and Plaques: Replaced LAST FREE EXIT (W90-5PT) plaque with LAST EXIT BEFORE TOLL (W16-16P and W16-16aP) plaques.

- Section 2F.18 Guide Signs for ETC-Only Entrance Ramps to Non-Toll Highways: Added Section and figure.

CHAPTER 2G. PREFERENTIAL AND MANAGED LANE SIGNS

- Modified sign designs for HOV regulatory signs throughout the Chapter.
- Sections 2G.20 to 2G.26: Added Sections and figure to display signs for part-time travel on a shoulder.

CHAPTER 2H. GENERAL INFORMATION SIGNS

- Added Sections for new signs, including:
 - Section 2H.08 for Future Interstate Corridor (I2-4 and I2-4a) signs.
 - Section 2H.09 for Project Information (I2-5) signs.
 - Section 2H.14 and figures for the use of Alternative Fuels Corridor (D9-19) signs.

CHAPTER 2I. GENERAL SERVICE SIGNS

- Sections 2I.02 and 2I.03: Added Standard statements with requirements for conventional roads, freeways, and expressways to be eligible for an EV Charging General Service Sign.
- Section 2I.03 General Service Signs for Freeways and Expressways: Added Guidance statement that recommends considerations for policy criteria for alternative fuels.
- Added Sections for new signs, including:
 - Section 2I.13 for Roadside Assistance (D12-6) sign.
 - Section 2I.15 and figures for the use of Truck Parking Availability (D9-16b through D9-16e) signs.

CHAPTER 2J. SPECIFIC SERVICE SIGNS

- Revised terminology from "Logo" Sign Panel to "Business Identification" Sign Panel throughout the Chapter.
- Section 2J.01 Eligibility:
 - Removed the 24-hour Pharmacy Specific Service category.
 - Added an Electric Vehicle (EV) Charging Specific Service category.

- Section 2J.03 Logos and Business Identification Sign Panels:
 - Added Standard statement that prohibits scanning graphics that are visible to road users from being displayed on business identification panels.
 - Added Option statement for providing a supplemental EV CHARGING message to a business identification sign panel.
 - Added Guidance statement that constrains the supplemental message on a business identification sign panel to a black legend on a yellow background.
- Section 2J.09 Collector-Distributor Roadways for Successive Interchanges:
Added Section and figure.

CHAPTER 2K. TOURIST-ORIENTED DIRECTIONAL SIGNS

- No significant changes.

CHAPTER 2L. CHANGEABLE MESSAGE SIGNS

- Section 2L.02 Applications of Changeable Message Signs:
 - Added text that allows CMS to display additional alert messages.
 - Added text that CMS should not be used in place of conventional signs for conditions that do not change.
- Section 2L.04 Design Characteristics of Messages:
 - Added text that allows warning beacons on CMS to be used to alert road users of imminent dangers.
 - Added full color matrix CMS.
- Table 2L-3 and Table 2L-4: Added tables with examples of Message Construction for CMS and PCMS.
- Section 2L.06 Travel Time Messages: Added Section.
- Section 2L.07 Traffic Safety Campaign Messages:
 - Added Section.
 - Added Guidance statement related to displaying humorous or obscure messages on CMS.

CHAPTER 2M. RECREATIONAL AND CULTURAL INTEREST AREA SIGNS

- Removed many recreational and cultural interest area symbol signs, including the Kayaking symbol (RS-118) sign.
- Section 2M.06 Use of Educational Plaques: Educational plaques are covered in Chapter 2A.
- Section 2M.10 Memorial or Dedication Signing: Added text regarding the usage and design of memorial or dedication signs.

CHAPTER 2N. EMERGENCY MANAGEMENT SIGNS

- Section 2N.02 Design and Use of Emergency Management Signs: Added Guidance statement recommending that permanently installed signs that conflict with Emergency Management signs be removed or covered.

PART 3 MARKINGS

- Section 3B.19 Stop and Yield Lines: Revised text and figure to replace yield lines with stop lines in advance of crosswalks, consistent with the Texas Transportation Code.
- Sections 3B.31 and 3C.11: Added Sections and figure for markings at diamond interchanges with a transposed alignment crossroad.
- Chapter 3C. Crosswalk Markings: Added dedicated Chapter, Sections, and figure for crosswalk markings and high-visibility crosswalks.
- Chapter 3D. Circular Intersection Markings: Revised text and figures to recommend the use of curved-stem lane-use arrow markings if used on the approaches to a roundabout.
- Chapter 3H. Colored Pavement: Added Sections and figures for colored pavement and aesthetic surface treatments.
- Section 3H.03 Aesthetic Surface Treatments: Per direction by the US DOT Secretary of Transportation in July 2025, added a new Standard statement in Section 3H.03 to further clarify the use of aesthetic treatments.

PART 4 HIGHWAY TRAFFIC SIGNALS

- Added text throughout Part 4 for bicycle signal faces, bicycle signal indications, applications for bicycle signals, and provisions for bicyclists. This includes a new Chapter, Chapter 4H "Bicycle Signals".
- Steady RED ARROW: Revised wording throughout Part 4 to allow vehicular turns on a red arrow if safe to do so after a full stop, consistent with the Texas Transportation Code.

- Chapter 4C. Traffic Control Signal Needs Studies: For Warrants 1 through 9, revised the Standard statements for engineering study criteria to be Guidance statements.
- Section 4C.06 Warrant 5, School Crossing: Added Standard statement requiring pedestrian signal heads for traffic signals that are installed using Warrant 5 as justification.
- Section 4C.08 Warrant 7, Crash Experience: Added text and reported crash thresholds for Warrant 7.
- Section 4D.02 Provisions for Pedestrians: Added Guidance statement recommending the installation of pedestrian signal heads for each marked crosswalk at a signalized intersection.
- Section 4D.03 Provisions for Bicyclists: Added Section requiring various adjustments to signal faces and signal timing to accommodate bicyclists at signalized intersections.
- Section 4D.04 Provisions for Transit Vehicles: Added Section allowing LRT signal indications to be used at intersections where special signal phases are used for transit vehicles.
- Section 4D.09 Mounting Height of Signal Faces: Revised all Standard statements related to the maximum height for vehicular signal faces to be Guidance statements.
- Section 4D.11 Temporary and Portable Traffic Control Signals: Added Option statement allowing temporary traffic control signals to operate in semi-actuated mode under certain conditions.
- Section 4E.02 Size of Vehicular Signal Indications:
 - Added new optional 4-inch nominal diameter size for signal indications that will be allowed for bicycle signal faces only.
 - Added Standard statement requiring all arrow signal indications to be the 12-inch nominal diameter size.
- Section 4F.16 Signal Indications for Approaches with No Through Movement: Added Section.
- Section 4F.19 Preemption Control of Traffic Control Signals: Added text for preemption control. Revised criteria for when a pedestrian change interval may be shortened or omitted.
- Section 4I.05 Pedestrian Detectors: Added and revised Guidance statements for pedestrian push button placement and related sidewalk configurations.

- Section 4I.06 Pedestrian Intervals and Signal Phases: Reduced the minimum buffer interval from 3 seconds to 2 seconds for a steady UPRAISED HAND (symbolizing DON'T WALK) pedestrian signal indication. Revised Figure 4I-4 to address this change.
- Chapter 4J. Pedestrian Hybrid Beacons: Added text for pedestrian hybrid beacons.
- Chapter 4L. Rectangular Rapid Flashing Beacons:
 - Added new Chapter and figure.
 - Added Guidance statement recommending that an audible information device (AID) be used with RRFBs to assist pedestrians with vision disabilities.

PART 5 TRAFFIC CONTROL DEVICE CONSIDERATIONS FOR AUTOMATED VEHICLES

- Added new Part.
- Integrated content from previous Part 5 Traffic Control Devices for Low-Volume Roads of 2011 TMUTCD – Revision 2 into other Parts.

PART 6 TEMPORARY TRAFFIC CONTROL

- Removed the text version of several warning signs and one incident management area sign.
- Added text for pedestrian and bicyclist considerations throughout Part 6.
- Section 6G.08 Work Zone Signs and Plaques: Added Standard statement requiring a regulatory speed limit sign to be installed when a Traffic Fines Double Assembly is installed, consistent with the Texas Transportation Code.
- Figures 6G-1 and 6H-1 on Signs and Plaques in Temporary Traffic Control Zones:
 - Revised sign designs for the State Law Obey Warning Signs (R20-3T) sign, Workers (CW21-1) sign, GIVE US A BREAK (CW21-1T, G20-7T) signs, and Contractor (G20-6T) sign.
 - Removed the Upward Sloping Arrow (CW1-6aT) warning sign.
- Section 6N.19 Late Merge: Added Section, signs, and figure.
- Chapter 6P. Typical Applications: Added typical application figures for bicycle facilities, shared-use paths, and circular intersections.

PART 7 TRAFFIC CONTROL FOR SCHOOL AREAS

- Section 7B.03 School Crossing Signs: Replaced Yield to Pedestrian signs with Stop for Pedestrian (R1-6 series) signs in text, figures, and tables, consistent with the Texas Transportation Code.
- Section 7B.04 School Bus Stop Signs: Relocated the STOP FOR SCHOOL BUS LOADING OR UNLOADING (S19-1T) sign from Chapter 2B to Part 7.
- Section 7B.05 School Speed Limit Signs and Plaques:
 - Revised Standard statement to require the END SCHOOL ZONE (S5-2aPT) plaque to be mounted above the speed limit sign.
 - Added Guidance statement related to school zone speed differential and when to use buffer zones. Added Figure 7B-4A to provide an example of signing when a buffer school speed zone is used.
 - Revised the text for confirmation beacons so that, if installed, they are required to be a warning beacon and must have a SCHOOL SPEED LIMIT WHEN FLASHING (S7-2T) sign mounted below them.
- Section 7B.06A Cell Phone Use Prohibited (S7-1T) Sign: Added text clarifying that the political subdivision responsible for enforcement determines the amount of the fine.

PART 8 TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS

- Added definition and new text for the Diagnostic Team throughout Part 8.
- Section 8B.27 Emergency Notification System Sign: Removed the Texas version of the Emergency Notification System (R15-4) sign.
- Added Sections, including:
 - Section 8D.12 Queue Cutter Signals at or Near Grade Crossings.
 - Section 8D.13 Warning Beacons or LED-Enhanced Warning Signs at Grade Crossings.

PART 9 TRAFFIC CONTROL FOR BICYCLE FACILITIES

- Figure 9E-16 Bicycle Detector Pavement Marking: Revised the bicyclist symbol pavement marking design.
- Section 9C.08 Other Bicycle Warning Signs: Removed the SHARE THE ROAD plaque.

- Chapter 9D. Guide and Service Signs:
 - Section 9D.01 Bicycle Destination and Distance Signs:
 - Revised sign designs for Bicycle Destination signs. Added Bicycle Destination signs that include both arrows and distances on the sign legends.
 - Added text that does not allow D1 Bicycle Destination series signs that include both arrows and distances to be installed on state-maintained right-of-way except under certain conditions.
 - Added text to Section 9D.05 Numbered Bicycle Route Signs.
 - Added text to Section 9D.08 Bicycle Route Sign and Auxiliary Plaques.
 - Added Sections, including:
 - Section 9D.03 Bike Route Plaque (D11-1bP)
 - Section 9D.12 Destination Guide Signs for Shared-Use Paths.
 - Section 9D.13 Two-Stage Bicycle Turn Box Guide Signs (D11-20 Series).
 - Section 9D.14 General Service Signing for Bikeways.
- Chapter 9E Markings:
 - Section 9E.01 Bicycle Lanes:
 - Revised Standard statement to require bicycle lane symbol or word markings to define bicycle lanes. Previously, the requirement was only for longitudinal pavement markings.
 - Added Standard statement that prohibits using the bicycle symbol, the BIKE LANE pavement word marking, or the pavement marking arrow in a shoulder.
 - Added Standard statement that prohibits a portion of the roadway from being established as both a shoulder and a bicycle lane.
 - Section 9E.09 Shared-Lane Markings: Added new Standard statements related to restrictions on the use of shared-lane markings.

- Added many new Sections, including:
 - Section 9E.06 Buffer-Separated Bicycle Lanes.
 - Section 9E.07 Separated Bicycle Lanes.
 - Section 9E.08 Counter-Flow Bicycle Lanes.
 - Section 9E.11 Two-Stage Bicycle Turn Boxes.
 - Section 9E.12 Bicycle Boxes.
 - Section 9E.13 Shared-Use Paths.
 - Includes Standard that requires crosswalk markings where a shared-use path crosses a roadway.

Appendices

- Added Appendix A, including Appendix A1 – Congressional Actions.
- Added Appendix B – FHWA Published Known Errors.

Contacts

Policy and Standards Branch Manager, Traffic Safety Division, (512) 416-3120, or contact us here: <https://www.txdot.gov/content/forms/af/tmutcd.html>.

Archives

Past TMUTCD manuals are available in a [PDF archive](#).