

# MUTCD 11TH EDITION, REVISION 1

## SUPPLEMENTAL SUMMARY OF CHANGES

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### INSTRUCTIONS AND INFORMATION FOR USERS

This summary document is provided for informational purposes only and is intended to supplement the *Federal Register* Final Rule for Revision 1 of the 11th Edition of the *Manual on Uniform Traffic Control Devices for Streets and Highways* (MUTCD).

The summary is organized into two sections: (1) Technical Corrections and (2) Editorial Changes. Within each section, each change is shown in line with the corresponding MUTCD 11th Edition Section, Figure, or Table number ordered in as close a sequence as practical.

Please note minor errata corrections, such as punctuation, are not listed in this summary.

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**Section 1  
Technical Corrections**

Table 1B-1	FHWA revises Table 1B-1 to list the actual compliance dates of “January 18, 2029” and “January 18, 2034,” rather than “5 years from the effective date of this edition of the MUTCD” and “10 years from the effective date of this edition of the MUTCD.”
Sec. 1B.06	FHWA revises Paragraph 4 to clarify that safety and operational benefits are the reason for potential inclusion of a change in a future MUTCD rulemaking.
Sec. 1C.02	FHWA edits the definition of “paved” by removing the word “roadway” from the description of the surface, since a roadway might have an unpaved surface.
Sec. 2B.30	FHWA modifies Paragraph 1 to reflect the R3-8 series in general rather than the specific signs noted because Section 2B.30 contains the R3-8x series signs for use with bicycles lanes and the provisions in Section 2B.27 allow for the modification of the signs at roundabouts to utilize the arrow symbol displays in Figure 2B-5. FHWA updates Figure 2B-4 and Table 2B-1 accordingly to include the R3-8z series signs shown in the SHS.
Sec. 2C.06	<p>FHWA revises Paragraph 1 to reference Section 2C.59 for the use of Advisory Speed plaques on the approach to horizontal curves. FHWA adds this reference to ensure that practitioners are aware the provisions for plaques that may accompany a horizontal alignment warning sign are in the later Section in Chapter 2C. FHWA also adds a new Note 6 to Table 2C-4 with a similar reference to Section 2C.59.</p> <p>Also, FHWA relocates and revises Paragraph 3 to Section 2C.10 to address an inadvertent conflict between the two Sections and to consolidate the information about the optional use of the One-Direction Large Arrow (W1-6) sign into one Section rather than two.</p>
Sec. 2C.10	FHWA reorders Paragraphs 1 and 2 and adds items A and B from Paragraph 3 of Section 2C.06 to Paragraph 2 clarifying conditions for the optional use of a One-Direction Large Arrow (W1-6) sign.
Sec. 2C.13	FHWA changes Paragraph 1 from Option to Support since the text describes when the W13-20 sign and W13-20aP sign are used and is more appropriate as a Support. FHWA also makes other editorial revisions in Paragraphs 2 and 3.
Sec. 2C.59	FHWA revises Paragraph 12 to specifically list the 2nd Edition of the “Traffic Control Devices Handbook,” 2013, Institute of Transportation Engineers as a reference where MUTCD users can obtain information for the engineering practices for the determination of the recommended advisory speed for a horizontal curve.
Sec. 2D.11	FHWA adds Paragraph 17 to clarify that when used as a component of a guide sign, the county name and the legend COUNTY is Optional on the County Route (M1-6) sign. Similar to the Interstate Route (M1-1 and M1-1a) signs, not including the county name on the County Route sign when used on guide signs is to limit the informational load imposed on the road user and because the relative scale of the county name to other legend elements displayed on the guide sign would be considerably smaller. This might also allow larger numerals to be used on the County Route sign when used as a component of guide signs. Several figures in the original Notice of Proposed Amendments (2D-13 Sheet 2 of 3, 2D-14, and 2E-23) and Final Rule for the 11th Edition illustrate the difference. As the text did not consistently reflect the intent, FHWA clarifies the provisions to inquiring practitioners.
Sec. 2D.58	FHWA revises Paragraph 2 to add “that is also” to clarify designation as a trail, auto tour route, or byway is separate from the officially designated name of a highway used for navigational, official mapping, and address purposes (see Section 2D.56).

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Sec. 2E.18	FHWA revises Paragraph 2 to clarify the intent of the provision for the directional arrow to be located adjacent to the legend, consistent with the more precise term used in Paragraph 3 and illustrated throughout the figures in Chapter 2E.
Sec. 2E.40	FHWA revises Paragraph 4 by removing the word “if” and reorganizing the remaining wording in the provision to improve readability and avoid any potential confusion. FHWA makes this change as a conforming edit, which does not change the existing underlying requirement.  Also, FHWA revises Paragraph 14 to clarify Exit Direction and Pull-Through signs are the signs that may be added in the vicinity of the theoretical gore to reinforce positive guidance.
Sec. 2E.54	FHWA revises Paragraph 9 by deleting the redundant text “display OPEN or CLOSED” as the changeable legend is described and referenced in Paragraph 8.
Sec. 2J.05	FHWA revises Paragraph 2 to clarify all lettering on business identification sign panels should be mixed-case, except within a logo. FHWA makes this revision for consistency with the change in Section 2K.03
Sec. 2K.02	FHWA revises Paragraph 6 to clarify logos, not business identification sign panels, may be displayed in place of a word legend on a tourist-oriented directional sign and to align with the definition of business identification sign panels in Section 1C.02.
Sec. 2K.03	FHWA revises Paragraph 1 to clarify all lettering on business identification sign panels should be mixed-case, except within a logo. FHWA makes this change since Figures 2K-1 and 2K-2 were updated in the 11th Edition to show mixed-case and the new language reinforces this recommendation.
Sec. 2N.02	FHWA deletes Paragraph 10 to remove the Guidance for the background of Emergency Management signs to be retroreflective, as Chapter 2A requires all signs to be retroreflective and does not provide exception for emergency management signs.  Also, FHWA adds a new Support paragraph referencing Chapter 2A for general provisions for all signs including emergency management signs.
Secs. 3B.01, 3B.06, 3B.07, 3B.08, 3B.09	FHWA reorganizes the Option and Support statements to allow curved transitions for dotted extension lane lines, channelizing lines, and edge lines to Sections 3B.07, 3B.08, and 3B.09, respectively. FHWA also relocates Option and Support statements to allow curved transitions for center lines.  Corresponding to these revisions, FHWA also revises Paragraph 10 in Section 3B.06 to remove “edge line,” “channelizing”, and “dotted extension line” and revises Paragraph 11 in Section 3B.06 to remove “, and turn lanes”.
Secs. 3B.11, 3B.31, 3C.11	FHWA removes “diverging” from the term “diverging diamond interchange with transposed alignment crossroad” for consistency throughout the text.  In Section 3C.11, the FHWA adds “with transposed alignment crossing” to this term. Also, FHWA adds “diverging diamond interchange” as one of the other terms that the diamond interchange with a transposed alignment crossover is known as. FHWA makes these changes to provide consistency throughout the MUTCD.
Sec. 3B.18	FHWA combines Paragraphs 1 and 2 to consolidate and streamline the provisions.

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Sec. 3B.18 cont'd	FHWA renumbers Paragraphs 3, 4, and 5 and updates the paragraph references due to the consolidation of Paragraphs 1 and 2.
Sec. 3B.25	FHWA revises Paragraph 5 to add a cross-reference to the beginning of the sentence. FHWA makes this change to resolve the conflict with Paragraph 3 of Section 3J.03.
Sec. 3C.02	FHWA revises Paragraph 6 to replace “roadway” with “approach to an intersection or midblock crossing location” to more clearly define the location for the recommended installation of traffic control devices or other measures.
Sec. 3C.03	FHWA revises Paragraph 9 to add “At marked crosswalk locations” to the beginning of the sentence. This is to provide additional clarification since curb ramps may be provided at marked and unmarked crosswalk locations. This is in alignment with the existing Support provision in Paragraph 4 of Section 3C.01.  Also, FHWA revises Paragraph 10 to replace “transverse line crosswalk markings” with “crosswalk marking designs” since the Guidance applies to all crosswalk types, not just transverse line crosswalk markings.
Sec. 3C.07	FHWA revises Paragraph 1 to better clarify the description of ladder crosswalks.  FHWA also revises Paragraph 7 to replace “parallax phenomenon due to” with “distortion due to perspective (foreshortening) caused by” in order to use simpler, less technically complex language.
Sec. 4D.05	FHWA revises Item A of Paragraph 1 to clarify the one exception to this Standard only applies to a combined left-turn/right-turn lane and no through movement. FHWA makes this change because some practitioners have expressed the potential confusion with language allowing this exception for any single-lane approach.
Sec. 4H.02	FHWA revises Paragraph 1 to clarify the prohibition of using bicycle signal faces to allow conflicting bicycle movements from perpendicular or nearly perpendicular directions to enter the intersection at the same time. FHWA makes this change to clarify that the intent of this provision was to prohibit a “bicycle scramble” phase where there is a single bicycle signal phase that allow bicycles on perpendicular approaches to proceed at the same time.
Sec. 4I.06	FHWA revises Paragraph 19 to clarify the high conflicting turning vehicle volumes could be either left-turns or right-turns.
Sec. 4L.02	FHWA revises Paragraph 15 to add a reference to Chapter 4K to provide further information on locator tones.
Sec. 4S.03	FHWA adds a new Support paragraph to provide reference to Section 4I.05 for more information about pedestrian push button detector location criteria and Chapter 4K for more information on push button locator tones.
Sec. 4U.02	FHWA adds a new Support paragraph to provide reference to Section 4I.05 for more information about pedestrian push button detector location criteria and Chapter 4K for more information on push button locator tones.
Sec. 5B.02	FHWA changes Item C of Paragraph 2 to clarify the consideration for agencies seeking to better accommodate driving automation systems to support AVs when using dotted edge line extensions. FHWA changes this provision to clarify that it applies to the downstream end of the channelizing line adjacent to the through lane or from the downstream end of a solid white lane line, if used, to the downstream end of the acceleration taper at entrance ramps with an acceleration lane and update the

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Sec. 5B.02 cont'd	reference to Section 3B.07. FHWA makes this change to clarify the conditions to install dotted lane line extensions for agencies seeking to better accommodate driving automation systems and to better reflect the language in Part 3.
Sec. 6N.19	<p>FHWA revises Paragraph 3 to relocate the cross-reference to Figure 6N-1 and adds cross-references to Sections 6G.07 and 6H.08.</p> <p>Also, FHWA changes Paragraph 4 to remove “YOUR” from Items A and B to provide consistency with other sign messages in the MUTCD.</p> <p>Additionally, FHWA changes Paragraph 5 to remove Item A since there is a static sign with the legend TAKE YOUR TURN/MERGE HERE so this is not needed. FHWA also changes the words “are typically” to “may be” for consistency with language for an Option provision.</p>
Sec. 7C.01	<p>FHWA revises Paragraph 1 to remove “where students are encouraged to cross between intersections” because this text conflicts with Paragraph 4 of Section 3C.02.</p> <p>Also, FHWA revises Paragraph 4 to add a reference to Section 3C.02 for provisions regarding crosswalk markings at non-intersection locations.</p>
Sec. 8A.04	FHWA revises Paragraph 3 to replace “outside of a roadway” with “except where the tracks are located in the median of a street or highway” to better clarify the intent of this provision. Also, FHWA adds “traffic control signals” with a reference to Section 8D.04 to the list of traffic control devices a Diagnostic Team typically considers for highway-LRT grade crossings in semi-exclusive alignments. Lastly, FHWA adds “alone” after STOP signs to clarify the intent.
Table 8B-1	FHWA changes the minimum size for single-lane approaches for the Left (Right) Lane Signal (R10-10b) sign to 24 x 30 inches. Also, FHWA changes the minimum size for the Left (Right) Turn Lane Signal (R10-10c) sign to 24 x 30 inches (including single-lane approaches) and 30 x 36 inches for multi-lane approaches. FHWA makes these changes for consistency with other R10-10 series signs which are mounted overhead.
Sec. 8B.08	FHWA adds a new exception to Paragraph 3 for cases when the emergency phone number service is no longer in use. FHWA makes this change because without the exception, the Diagnostic Team would have to deviate from the Standard and document the decision to remove the Emergency Notification Sign (I13-1) in an engineering study. There is no reason to retain the I13-1 if the emergency phone number is no longer in service.
Sec. 8D.04	<p>FHWA revises Paragraph 4 to add “traffic control signals” to the list of traffic control devices a Diagnostic Team typically considers for highway-LRT grade crossings where LRT speeds are 25 mph or less.</p> <p>Also, FHWA revises Paragraph 5 to add “or in the median of a highway or street” in concert with revisions in Section 8A.04.</p> <p>Lastly, FHWA adds a cross-reference in Paragraph 6 to Section 8A.04 for additional provisions for LRT grade crossings in semi-exclusive alignments.</p>
Sec. 8D.10	FHWA revises Item C of Paragraph 5 to clarify that the blank-out sign is recommended if turning traffic is not prohibited from turning during preemption by a separate traffic signal face for that movement.
Sec. 9D.11	FHWA revises Paragraph 1 to add an option for the use of Advance Turn Arrow (M5 series) or Directional Arrow (M6 series) auxiliary plaques (see Figure 9D-1) with white arrows on green backgrounds when using Mode-Specific Directional Guide signs for Shared-Use Paths. These arrow plaques were intended to be used in this manner (as shown in Figure 9D-5), and this revision is

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Sec. 9D.11 cont'd	consistent with Option statements that are provided in other Sections (for General Information Signs, General Service Signs, and Recreational and Cultural Interest Area signs).
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**Section 2  
Editorial Changes**

Sec. 1B.06	Paragraph 4: Change the phrase "future for consideration in the next rulemaking" to "future rulemaking."
Sec. 1B.07	Paragraphs 11 and 13: Change the reference from "Paragraph 9" to "Paragraph 10."
Sec. 1C.02	Paragraph 3: Definitions 54, 130, 154: Uncapitalize the word "A." Paragraph 3: Change the alphabetical order of Definitions 111, 158, and 159. Paragraph 3, Definition 116: Delete the hyphen in all instances of "left-turn" and "right-turn." Paragraph 3, Definition 120: Delete the phrase "elimination of a through lane by." Paragraph 3, Definition 160: Hyphenate "weight bearing." Paragraph 3, Definition 187: Uncapitalize the word "An." Paragraph 3, Definition 229: Uncapitalize the word "See." Paragraph 3, Definition 247: Uncapitalize the word "Roadways."
Figure 2A-3	Drawing B: Remove the arrowhead pointing to the STOP sign from the line between the STOP sign and the STOP sign location shown in the "B - Channelized Intersection" detail.
Figure 2A-4	Sheet 4 of 4: Change the lane-use arrow pavement markings on the main figure and in the inset from normal to curved-stem lane-use arrow pavement markings to match the regulatory and guide signs. Add the missing ")" after "Circular Intersection" in the Sign Schedule.
Sec. 2A.07	Paragraph 3: Change the phrase "if no Minimum size is shown" to "if no size is shown in the Minimum column."
Sec. 2A.13	Paragraph 1: Remove the words "all four sheets in". Paragraph 2: Remove the words "all four sheets in".
Table 2A-5	Change the name of the W11-8 sign from "Fire Station" to "Emergency Vehicle."
Table 2B-1	Sheet 2 of 6: Add row for "Advance Circular Intersection Lane Control (2 Lanes)." Sheet 2 of 6: Add asterisks to the "Minimum" column for R4-1, R4-2, R4-3, and R4-7. Sheet 3 of 6: Add asterisk to the "Minimum" column for R4-16. Sheet 5 of 6: Change spelling of "No All-Terrian Vehicles" to "No All-Terrain Vehicles." Sheet 6 of 6: Change "Push Button for 2 Seconds for Extra Crossing Time" to "Push Button for 2 Seconds for Extra Crossing Time (plaque)."
Sec. 2B.10	Paragraph 2: Change Items D and E to sub-items 1 and 2 under Item C.
Figure 2B-3	Change the dollar currency symbol to match the typographical symbol and punctuation in the Standard Alphabet in the <i>Standard Highway Signs</i> publication.
Figure 2B-4	Sheet 1 of 2: Add signs R3-8zd, R3-8ze, R3-8zf, and R3-8zg.

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Figure 2B-24	Add space between the crosswalk and the sign location to improve readability of the figure.
Sec. 2B.21	Paragraph 7, Item E: Change spelling of word “precentile” to “percentile.” Paragraph 18: Change reference title of “Traffic Control Devices Handbook” to “2nd Edition of the “Traffic Control Devices Handbook,” 2013, Institute of Transportation Engineers”.
Sec. 2B.27	Paragraph 5: Replace the lower-case “l” in the word “lane” in the first sentence with an upper-case “L”.
Figure 2B-9	Sheet 1 of 3: Face the north arrow to the right instead of upwards.
Figure 2B-18	On the right-side illustration, mark the two Two-Way Traffic (W6-3) signs on the left side on the approach to the intersection as optional with an asterisk. On the right-side illustration, mark the End One Way (R6-7) signs as optional with an asterisk.
Figures 2B-22, 2B-23	Mark the Roundabout Circulation Plaque (R6-5P) as “(optional).”
Figure 2B-24	Mark the Roundabout Circulation Plaque (R6-5P) as “(see Section 2B.51, Par.1).”
Sec. 2B.52	Paragraph 4: Delete the period at the end of Item B.
Sec. 2B.53	Paragraph 27: Delete the word “the” between “with” and “those”. Move the period outside of the parentheses.
Figure 2B-27	Sign R10-3b: Add a short line under the phase “START CROSSING” and “DON’T START”.
Sec. 2B.59	Paragraph 3: Delete the extra parenthesis after the word “green”. Delete the parenthesis after the word “STOP”. Paragraph 9. Remove the word “STEADY” from “STOP ON STEADY RED YIELD ON FLASHING RED AFTER STOP” and change “RED-YIELD” to “RED-YIELD.”
Table 2C-1	Sheet 2 of 4: Change the size of the Right (Left) Lane for Exit Only sign (W9-7) for Conventional Roads from 132 x 72 to 60 x 36 and for Expressway from 132 x 72 to 96 x 60.
Figure 2C-2	Sheet 1 of 2: Show “35 MPH” on both W13-1P plaques, both W13-1aP plaques, and Note 4.
Table 2C-3	Note 2: Remove “Right” before “Lane Ends” in the second sentence to reflect the provisions for the use of the signs in Section 2C.47
Table 2C-4	Table B, Footnote 5: Change the reference from “Section 2C.06” to “Section 2C.10.” Change “One Direction Large Arrow” to “One-Direction Large Arrow.” Add Footnote 6 to “Devices for Change in Horizontal Alignment” as “See Section 2C.59 for the use of the Advisory Speed Plaque.”
Sec. 2C.12	Paragraph 9: Add the word “Speed” to “Combination Horizontal Alignment/Advisory Exit signs” to read “Combination Horizontal Alignment/Advisory Exit Speed signs.” Paragraph 17: Do not italicize this paragraph.

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Figure 2C-3	<p>Sheet 3, Item C: Add Chevron Alignment (W1-8) signs to the outside of the controlling curve ramp proper.</p> <p>Sheet 4: Remove the direction of travel arrow on the bottom of the figure in the shoulder.</p>
Figure 2C-13	<p>Sheets 1, 2, and 3: Remove the word “optional” adjacent to the W16-2P sign.</p> <p>Sheet 5: In the note, change the spelling of “pacement” to “placement.”</p>
Sec. 2C.60	<p>Paragraph 2: Change the text, “6 months” to “12 months” to align with the provisions for the NEW plaque (W16-15P) in Section 2A.11.</p>
Sec. 2C.71	<p>Paragraph 5: Change the reference from “Section 2B.40” to “Section 2B.39”.</p>
	<p>Sheet 1 of 2: Add indents for subheadings.</p> <p>Sheet 1 of 2, for Post-Mounted Signs in the rows under Item B. Destination and Other Guide Signs:</p> <ul style="list-style-type: none"> <li>• Change the Distance Numerals to 4 inches on single-lane roadways less than 30 mph</li> <li>• Change the Distance Fraction Numerals to 3 inches on single-lane roadways less than 30 mph</li> <li>• Change the Distance Words – Upper-Case to 3 inches on single-lane roadways less than 30 mph</li> <li>• Change the Action Message Words – Upper-Case to 4 inches on single-lane roadways less than 30 mph</li> <li>• Change the Distance Numerals to 6 inches on multi-lane roadways less than 30 mph</li> <li>• Change the Distance Fraction Numerals to 4.5 inches on multi-lane roadways less than 30 mph</li> <li>• Change the Distance Words – Upper-Case to 4.5 inches on multi-lane roadways less than 30 mph</li> </ul>
	<p>Sheet 2 of 2: Add indents for subheadings.</p>
Table 2D-2	<p>Sheet 2 of 2, Row 2: Delete the text “, U.S., State,”.</p> <p>Sheet 2 of 2, for Overhead-Mounted Signs in the rows under Item A. Intersection or Interchange Advance Guide Signs and Entrance Direction Guide Signs:</p> <ul style="list-style-type: none"> <li>• Change the Distance Fraction Numerals to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> <li>• Change the Distance Words - Upper-Case to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> <li>• Change the Action Message Words – Upper-Case to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> </ul> <p>Sheet 2 of 2, for Overhead-Mounted Signs in the rows under Item B. Destination and Other Guide Signs:</p> <ul style="list-style-type: none"> <li>• Change the Distance Fraction Numerals to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> <li>• Add a blank space between “than” and “55”.</li> <li>• Change the Distance Words – Upper-Case to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> <li>• Change the Action Message Words – Upper-Case to 8 inches minimum and 10 inches desirable on roadways greater than 55 mph.</li> </ul>

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Figure 2D-2	A – Cardinal directions and orientations, notes under the sign on the right: Change the words “South’ is a cardinal direction” to “South’ is a pre-directional designation.”
Sec. 2D.08	Paragraph 16: Change “circulatory” island to “central” island. Paragraph 25: Change the reference from “Section 2D.41” to “Section 2E.41.”
Sec. 2D.09	Paragraph 5: Change the reference from “Paragraph 6” to “Paragraph 7.”
Sec. 2D.25	Paragraph 1: Change the reference from “Chapter 6F” to “Chapter 6I.”
Table 2D-5	Split the row corresponding to 10.67 to 13.33 inch principal legend height into two rows.  In the row corresponding to a 13.33-inch principal legend height, change the minimum height of the turn arrow to 25.333 inches.  In the row corresponding to a 10.67-inch principal legend height, change the minimum height of the straight arrow to 25.5 inches, and change the minimum height of the turn arrow to 20.188 inches.  In the row corresponding to an 8-inch principal legend height, change the minimum height of the straight arrow to 21 inches, and change the minimum height of the turn arrow to 16.625 inches.
Figure 2D-13	Sheet 1 of 3, Drawing A: Add the County Name legend to the independently mounted County Route (M1-6) signs.  Sheet 2 of 3: Revise the inset shape and background geometry to show the northbound right turn lane.
Sec. 2D.45	Paragraph 9: Add the words “the combination of lower-case letters with” between the words “are” and “the” in the last sentence.  Paragraph 35: Change the reference from Paragraphs “3, 4, 6, 9, 12 through 14, and 18 through 20” to “5, 7, 8, 13, 14, 20, 21, 23, and 28 through 30.”
Sec. 2D.51	Paragraph 3, Item A, and Paragraph 7: Change the language “Weigh Station Advance (D8-1)” to “Weigh Station Ahead (D8-1a) or Advance Weigh Station Distance (D8-1)” to allow the use of a D8-1a sign as shown in Figure 2D-23, thereby allowing engineering judgment to determine the appropriate action message or distance legend depending on site specifics.  Paragraph 3, Item B: Change the language “Weigh Station Advance Direction (D8-2) sign” to “Weigh Station Advance Direction (D8-2) or Advance Weigh Station Distance (D8-1) sign” to allow the use of a D8-1 sign with a distance legend, thereby allowing engineering judgment to determine the appropriate action message or distance legend depending on site specifics.  Paragraph 5: Delete the word “Advance” between the words “the” and “Weigh.”
Figure 2D-23	Footnote *: Add the sign designation “D8-1” between “D8-1a” and “or” to read “D8-1a, D8-1, or the D8-2 sign.”  Revise the asterisk note to replace “within the sign border or on a supplemental sign panel” with “on the sign or on a supplemental plaque or sign panel.”  Add the word “or” next to the Weigh Station Ahead (D8-1a) sign and show an Advance Weigh Station Distance (D8-1) sign.

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Sec. 2D.53	Paragraph 3: Delete the word “Advance” between the words “Lane” and “(D17-4).”
Figures 2D-26, 2D-27	Remove the word “optional” adjacent to the W16-2P plaque.
Sec. 2D.54	Paragraph 1: Delete the word “Advance” between the words “Turn-Out” and “(D17-5).”
Sec. 2D.55	Paragraphs 33 and 34: Change the reference from “Section 1C.05” to “Section 1A.05.”
Figure 2D-39	In Note 2, change the text “clockwise” to “counterclockwise.”
Sec. 2E.03	Paragraph 1, Item H: Delete the Item “At-Grade Intersection signs (see Section 2E.58);” and re-letter the remaining items.
Sec. 2E.07	Paragraph 4: Change the referenced edition and format of the AASHTO Guidelines for Supplemental Guide Signing to the “Guidelines for the Selection of Supplemental Guide Signing, 5th Edition,’ 2016, AASHTO.”
Table 2E-4	In the Overhead column, add an asterisk with a corresponding note below the table stating, “Where a larger size is shown for the interchange classification of the interchange, that larger size is used for overhead-mounted guide signs for that interchange.” Change the existing single asterisks in the Numerals row for the Major Category a, and Overhead columns, and the corresponding note to a double asterisk.
Table 2E-5	In the row under Item L. Overhead Arrow-per-Lane Signs: <ul style="list-style-type: none"> <li>• Change the Arrowhead (Type D Directional Arrow) to 20/16.25.</li> <li>• Change the Arrow Shaft Width to 7.5/6.094.</li> <li>• Change the Arrow Height of the Through arrow to 48/39.</li> <li>• Change the Arrow Heights of the Left Only and Right Only arrows to 38/30.875.</li> <li>• Change the Arrow Height of the Optional-Diverge (Through with Left or Right) arrow to 48/39.</li> <li>• Change the Arrow Height of the Optional-Split (Left and Right) arrow to 42/34.125.</li> </ul>
Figure 2E-2	To the right of match line B: Change the distances shown on the advance guide signs to ½ MILE and 1 MILE.
Sec. 2E.22	Paragraph 11: Change the Exit Number plaque designation “E1-5P” to “E1-5P through E1-5eP.” Paragraph 12: Change the Left Exit Number plaque designation “E1-5bP” to “E1-5fP through E1-5kP.” Paragraph 20: In the second sentence switch the order of the words “exit” and “interchange” to read “interchange exit.”
Figures 2E-3, 2E-5, 2E-6, 2E-7, 2E-8, 2E-11, 2E-26, 2E-27, 2E-28, 2E-29, 2E-30, 2E-31, 2E-32 (Sheets 1 and 2), 2E-56, 2E-58	In the legend, delete the word “sign” within the text “Reference location sign”.

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Figure 2E-6	<p>I-407, change the reference location numbers and associated interchange and exit numbers to be ascending from west to east.</p> <p>In the legend, delete the word “sign” within the text “Reference location sign”.</p> <p>In the inset, change the “Spur” label for I-407 to “Loop,” and change the exit numbers “47 A” and “47 B” to “1 A” and “1 B,” respectively.</p>
Figure 2E-7	<p>I-3: Remove the symbol showing the “Junction of two Interstate routes” and Interchange numbers 11 and 15 between reference locations 11 and 12.</p> <p>I-3 and I-103 (north) Inset: Change the interstate shield “I-407” to “I-103”.</p> <p>I-3: Change Interchange number 1 to Interchange number 4, and delete the asterisk.</p> <p>I-303: Add a “Spur” label.</p> <p>I-303: Change Interchange number 4 to Interchange number 1, and add an asterisk.</p> <p>I-3 and I-303 (South) Inset: Change the geometry and direction (to the East) of I-203 to match the direction (to the West) of I-303, change the I-203 symbol to I-303, and change the “Loop” label to “Spur.”</p> <p>In the legend, delete the word “sign” within the text “Reference location sign”.</p>
Sec. 2E.23	<p>Paragraph 7: Delete the words “to ½ mile but not more than 1 mile”.</p>
Sec. 2E.24	<p>Paragraph 10: Change the section reference from “2A.14” to “2A.15”.</p> <p>Paragraph 11: Add the word “exit” between the words “interchange” and “numbers.”</p>
Sec. 2E.25	<p>Paragraph 7: Delete the words “(see Section 2E.40)” in the first sentence.</p>
Sec. 2E.28	<p>Paragraph 1: Change the Section reference “2E.39 through 2E.42” to “2E.39, 2E.40, and 2E.42.”</p> <p>Paragraph 2: Change the Paragraph reference “15” to “14.”</p> <p>Paragraph 11: Switch the words “post-mounted and overhead” to “overhead and post-mounted” to correspond with the reference to Figures 2E-20 and 2E-21, respectively.</p>
Sec. 2E.30	<p>Paragraph 2: Change the word “interchanges” to “interchange”.</p>
Figure 2E-20	<p>Face the north arrow to the right instead of left.</p>
Figure 2E-23	<p>Drawing A: Move the down arrow on the overhead interchange advance guide sign below the ½ MILE distance legend.</p> <p>Drawings A and B: Relocate the W4-2R signs to the advanced placement distance.</p> <p>Drawing B: Add the word “optional” to the W9-1R sign and add a W16-2P plaque below the W9-1R sign.</p>

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Sec. 2E.39	Paragraph 2: Delete the words “either the” between the words “expressways,” and “Overhead.” Change the Section reference “Sections 2E.40 and 2E.41” to “Section 2E.40”.
Sec. 2E.40	Paragraph 6, Item J: Change the Exit Number plaque designation “E1-5P” to “E1-5P through E1-5eP” and change the Left Exit Number plaque designation “E1-5bP” to “E1-5fP through E1-5kP.”
Table 2E-6	<p>In the top row, change the spelling of “Principle” to “Principal.”</p> <p>In the row corresponding to a 20-inch principal legend letter height:</p> <ul style="list-style-type: none"> <li>• Change the height of the Turn Arrow to 38 inches.</li> <li>• Change the height of the Split Arrow to 42 inches.</li> </ul> <p>In the row corresponding to a 16-inch principal legend letter height:</p> <ul style="list-style-type: none"> <li>• Change the height of the Through Arrow to 39 inches.</li> <li>• Change the height of the Turn Arrow to 30.875 inches.</li> <li>• Change the height of the Through with Turn Arrow to 39 inches.</li> <li>• Change the height of the Split Arrow to 34.125 inches.</li> </ul>
Sec. 2E.41	Paragraph 3, Item E: Change the Exit Number plaque designation “E1-5P” to “E1-5P through E1-5eP,” change the Left Exit Number plaque designation “E1-5bP” to “E1-5fP through E1-5kP,” and change the LEFT plaque designation “E1-5aP” to “E1-5mP.”
Figures 2E-39, 2E-40	Add an E11-1e sign panel to the Exit Direction sign at the theoretical gore.
Figure 2E-41	Drawing D: Change the exit number suffix on the right exit number plaque from “A” to “B”.
Sec. 2E.42	<p>Paragraph 6: Delete the words “either full-width or”.</p> <p>Paragraph 9: Replace the words “the modified” with “partial-width”.</p>
Sec. 2E.43	Paragraph 1: Change the section reference from “2A.13” to “2A.14”.
Sec. 2E.45	Paragraph 2, Item C: Add the words “with an initial upper-case letter” between the words “heights” and “of”.
Sec. 2E.49	Paragraph 4: Change the section reference from “2E.47” to “2E.48”.
Sec. 2E.51	Paragraphs 5 and 6: Add the word “exit” between the words “interchange number” for consistency with Section 2E.22.
Sec. 2F.06	Paragraph 3: Delete the word “overhead” between the words “installed” and “at”.
Sec. 2F.08	<p>In the Section Title: Change the name of the W9-6f warning sign to “Stop Ahead Take Ticket”.</p> <p>Paragraph 3: Change the name of the W9-6f warning sign to “Stop Ahead Take Ticket”.</p>

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Figure 2F-2	Change the dollar currency symbol to match the typographical symbol and punctuation in the Standard Alphabet in the <i>Standard Highway Signs</i> publication.
Figure 2F-4	Change distance on W9-6 to “2 MILES.”
Sec. 2F.09	In the Section Title: Change the name of the W9-6hP warning plaque to “Stop Ahead Take Ticket”. Paragraph 2: Change the name of the W9-6f warning sign and W9-6hP warning plaque to “Stop Ahead Take Ticket”.
Figure 2F-14	Change the dollar and cent currency symbols to match the typographical symbols and punctuation in the Standard Alphabet in the <i>Standard Highway Signs</i> publication. Remove dimensions “114 x 66” and “96 x 66” between Drawings A and B.
Figure 2F-15	On the second sign assembly in the sequence from the south, change the distance on the right sign to ½ MILE.
Sec. 2F.17	Paragraph 4: Delete the reference, “(See Drawing B in Figure 2F-12)” as the sign described in the Option is not shown in the figure.
Sec. 2F.18	Paragraph 3: Delete the reference, “(see Figure 2F-8)”. Although the right sign in Drawing C includes the NO TOLL panel, the sign is not an Exit Gore sign as described in the Option.
Sec. 2G.03	Paragraph 15: Change the reference from “Section 2A.14” to “Section 2A.15” and add the text “or shoulder” after the word “roadway”.
Sec. 2G.04	Paragraph 2, Sentence 3: Delete the word “to” between the words “not” and “be”.
Figure 2G-2	Change the lanes applicable in the top lines of the R3-11a sign from “2 RIGHT LANES” to “LEFT LANE.”
Sec. 2G.05	Paragraph 6: Delete the sign designations “R3-11g, R3-14e, and R3-14g”. Paragraph 7: Add the sign designation “R3-11g” and change the sign designations “R3-14d, and R3-14f” to “R3-14a, and R3-14c.” Paragraph 8: Replace the text “R3-11c sign” with “Preferential Lane Operation (R3-11 and R3-14 series) signs”. Paragraph 9: Delete the sign designations “R3-11g, R3-14e, and R3-14g”. Paragraph 15: Change the reference from “Paragraph 14 of this Section” to “Paragraph 13 of this Section”.
Sec. 2G.10	Paragraph 26: Change the LEFT plaque designation “E1-5aP” to “E1-5mP.”
Figure 2G-8	Change the R3-14a sign to an R3-14 sign with the hours of operation “6AM-9AM.” In Note 1: Change the word “managed” to “preferential”.
Figure 2G-9	Change the hours of operation on the R3-13a sign to “6:30AM-9:30AM”.
Figure 2G-11	Change the E8-1 sign to an E8-1a sign.

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Sec. 2G.17	Paragraph 5: Change “EXPRESS LANE(S)” to “EXPRESS or EXPRESS LANE(S)”.
Sec. 2G.18	Paragraph 5: Change the reference from “Figure 2G-19” to “Figure 2G-18”. Paragraph 6: Change the language “priced managed lane HOV Lane Operation (R3-44 or R3-44a) sign” to “Priced Managed Lane Operation (R3-44, R3-44a, or R3-44b) sign”.
Figure 2G-18	On the Priced Managed Lane Toll Rate (R3-48a) sign in the lower left corner of the figure, change the legend “ONLY” to “TOLL.” Add sign R3-44b.
Figure 2G-32	Sheet 1 of 4: Change footnote ** to read “A post-mounted Part-Time Travel on Shoulder Variable Operation (R3-51d) sign with beacons may be used in lieu of lane-use control signals at the same intervals.”
Sec. 2G.21	Paragraph 4: Change the R3-52c sign name “TRAVEL ON SHOULDER BEGINS ½ MILE” to “Part-Time Travel on Shoulder Begins Advance”. Paragraph 5: Change the R3-52a sign name “TRAVEL ON SHOULDER ENDS” to “Part-Time Travel on Shoulder Ends Advance” and change the R3-52 sign name “END TRAVEL ON SHOULDER” to “Part-Time Travel on Shoulder Ends”.
Sec. 2G.23	Paragraph 4: Add the text “Advance Emergency Turn-Out (D17-5) sign and” between the words “the” and “Emergency”.
Sec. 2G.24	Paragraph 5: Change the R3-51d sign name “TRAVEL ON SHOULDER ALLOWED WHEN FLASHING” to “Part-Time Travel on Shoulder Variable Operation”. Paragraph 6: Change the R3-51e sign name “TRAVEL ON SHOULDER ON GREEN ARROW ONLY” to “Part-Time Travel on Shoulder on Green Arrow”.
Sec. 2G.26	Paragraph 3: Change the reference from “Section 1C.05” to “Section 1A.05”.
Figure 2H-1	Change the capitalization of “Advance Turn and Directional Arrow Auxiliary Plaques for use with General Information Signs” to “Advance Turn and Directional Arrow auxiliary plaques for use with General Information signs” (to be consistent with Figure 2I-1).
Sec. 2H.03	Paragraph 1: Change the heading of this paragraph from “Support” to “Option”.
Table 2H-1	Relocate the information for the Next EV Charging (D9-17a) sign from Table 2I-1 to 2H-1 and change the column 3 Section reference from “2H, 2J” to “2H.14, 2J.06.”
Sec. 2H.12	Paragraph 5: Delete the phrase “Except as provided in Paragraph 6 of this Section”.
Sec. 2H.14	Paragraph 8: Capitalize the second use of the phrase “alternative fuels corridor” between the words “the” and “sign” to appear as “Alternative Fuels Corridor”.
Table 2I-1	Sheet 1: Change the size of the Rest Area Gore (D5-2a) sign for Expressway from 66 x 72* to 66 x 66*. Sheet 1: Change the size of the Parking Area Gore (D5-9b) sign for Conventional Road from 62 x 48* to 60 x 48* and change the size for Expressway from 88 x 66* to 84 x 66*.

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Table 2I-1 cont'd	<p>Sheet 1: Change the size of the Picnic Area Gore (D5-10b) sign for Freeway from 92 x 78* to 84 x 78* and change the size for Expressway from 76 x 66* to 72 x 66*.</p> <p>Sheet 1: Change the size of the Scenic Area Gore (D5-11b) sign for Freeway from 92 x 78* to 90 x 78* and change the size for Expressway from 76 x 66* to 78 x 66*.</p> <p>Sheet 2: Relocate the Information for the Next EV Charging (D9-17a) sign from Table 2I-1 to Table 2H-1.</p>
Figure 2I-1	<p>Add “Alternative Fuel - ” before each sign name as follows “Alternative Fuel – Liquefied Natural Gas (LNG),” “Alternative Fuel – Liquefied Petroleum Gas (LPG),” “Alternative Fuel – Hydrogen Fuel (HYD),” and “Alternative Fuel – Biofuel (BIO)” to signs D9-11d, D9-11e, D9-11f, and D9-11g (to be consistent with the sign names in Table 2I-1).</p>
Sec. 2I.03	<p>Between Paragraphs 5 and 6: Delete the header “<i>Guidance</i>”.</p> <p>Paragraph 19: Add the word “exit” between “interchange” and “number”.</p> <p>Paragraph 26: Remove the bold font to indicate an Option statement.</p>
Sec. 2J.03	<p>Paragraph 11: Add the service category “attraction” to the Option.</p>
Figure 2J-2	<p>Move the arrow pointing from the Food Specific Service sign to the 2<sup>nd</sup> sign location rather than the 3<sup>rd</sup> sign location.</p>
Table 2L-4	<p>Example 6: Change the word “MILE” in the improved message to “MILES”.</p>
Sec. 2M.09	<p>Paragraph 5: Change “E1-5P or E1-5bP” to “E1-5P Series.”</p>
Table 2M-1	<p>Remove Smoking* (RS-002) from Accommodations. Add Smoking* (RS-002) to General.</p>
Sec. 3B.01	<p>Between Paragraphs 6 and 7: Change the header “<i>Guidance</i>” to “Support”.</p> <p>Paragraph 7: Do not italicize the font to indicate a Support statement.</p> <p>Between Paragraphs 7 and 8: Add the header “<i>Guidance</i>”.</p>
Figure 3B-9	<p>Sheet 1 of 2 Drawing A and Sheet 2 of 2, Drawing C: Add a label to the dashed line separating the lane taper and the full-width lane that designates the point where the full lane width begins.</p>
Sec. 3B.12	<p>Paragraph 7, Item B: Change the reference from “Drawing F in Figure 3B-21” to “Drawing I in Figure 3B-21”.</p>
Sec. 3B.14	<p>Paragraph 5: Add the word “Warning” between “In-Roadway” and “Lights”.</p>
Figure 3B-14	<p>Both drawings A – Lane reduction and B – Lane reduction with lateral shift to the left: Relocate the W4-2R signs to the advanced placement distance where the W9-1R and W16-2P signs and plaques are shown. Relocate the W9-1R and W16-2P signs and plaques to a location in advance of the W4-2R signs. Remove “(optional)” from W16-2P.</p>
Figure 3B-16	<p>Add space between the crosswalk and the sign location to improve readability of the figure.</p>
Sec. 3B.17	<p>Paragraph 4: Change the reference from “Section 6J.02” to “Section 6J.03”.</p>

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Sec. 3B.20	Paragraph 4: Change “provided in this Section.” to “provided in Sections 3A.03 and 3B.22.”
Figure 3B-21	Drawing E: Revise "U-Turn and through lane-use arrow" to “U-Turn and turn lane-use arrow.”
Figure 3B-22	Call out the northbound and southbound left-turn lane dotted extension lines as optional.
Sec. 3E.02	Delete “Support” between Paragraphs 10 and 11.
Figure 3E-4	Change the figure title to “Markings for Counter-Flow Preferential Lanes on Divided Highways”.
Sec. 3H.03	Paragraph 13: Replace the word “illustrations” with “illusions”.
Sec. 3H.07	Paragraph 7: Add the words "or dotted" to the Option provision between “broken” and “pattern”.
Figure 3H-5	A – Bus only lane: Revise the longitudinal marking between the general-purpose traffic lane and the preferential lane for transit to a wide broken single white lane line rather than a wide solid single white lane line for the portion adjacent to parallel on-street parking.
Figure 3I-1	Revise titles for Drawings A, B, C, and D, to “center line” rather than “centerline”. Mirror the W11-2 signs.
Sec. 4A.05	Paragraph 1, Item A: Replace the comma in the first sentence “...adjacent to the signal face, Bicyclists proceeding...” with a period.
Table 4C-1	Add the text “Condition B—Interruption of Continuous Traffic” Above the second sub table.
Figure 4C-7	In the parentheses below the figure title, change “40 MPH” to “35 MPH”.
Figure 4C-8	In the parentheses below the figure title, change “40 MPH” to “35 MPH”.
Sec. 4D.11	Paragraph 2: Replace the word “signals” with “signal”. Label Paragraph 9 as a Support statement.
Sec. 4E.04	Paragraph 5: Add Figure “4F-3” to the list of figures in parenthesis.
Figure 4F-14	A-Typical Position: Change “G” to “G***” next to the green arrow signal face (rightmost signal face).
Sec. 4H.03	Paragraph 2: Add sign R10-41c to the list of signs in parenthesis.
Figure 4I-4	Footnote **: Change the Section reference from “Section 4I.07” to “Section 4I.06”.
Sec. 4J.02	Paragraph 8: Remove the word “STEADY” from “STOP ON STEADY RED—YIELD ON FLASHING RED AFTER STOP”.
Sec. 4L.01	Paragraph 3: Remove the words “or immediately adjacent to”.
Sec. 4L.02	Paragraph 14: Change the word legend “PUSH BUTTON TO TURN ON WARNING LIGHTS/AWAIT GAP IN TRAFFIC” to “PUSH BUTTON FOR WARNING LIGHTS/WAIT FOR GAP IN TRAFFIC”.
Figure 4L-1	Add space between the crosswalk and the sign location to improve readability of the figure.
Sec. 4U.02	Between Paragraph 2 and 3: Add 3 as the reference number for the paragraph that starts with, “If In-Roadway Warning Lights are used...”. Re-number the subsequent paragraphs as “4” through “15”.

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Sec. 4U.02 cont'd	Paragraph 11 (renumbered 12): Change the word legend "PUSH BUTTON TO TURN ON WARNING LIGHTS/WAIT FOR GAP IN TRAFFIC" to "PUSH BUTTON FOR WARNING LIGHTS/WAIT FOR GAP IN TRAFFIC".
Sec. 5B.04	Paragraph 1: Add the word "AVs" after "to support" to read "Agencies seeking to better accommodate driving automation systems to support AVs,...".
Table 6B-1	Under the double asterisk, add a period at the end of the sentence "*** The column headings A, B, and C are the dimensions shown in Figures 6P-1 through 6P-54."
Figure 6D-1	Change the subheading on the right-side illustration from "EMERGENCY SITUATIONS ONLY, Red Flag" to "EMERGENCY SITUATIONS ONLY, Flag" for consistency with the language in Section 6D.03.
Table 6G-1	Section reference for "Wait on Stop – Go on Slow" (R1-7a) sign: Change the reference from "6G.03" to "6L.03".
Sec. 6G.05	Paragraph 1: Change the word "user" to "users" and change the word "flow" to "follow" in the sentence, "Local Traffic Only signs (see Figure 6G-1) should be used where road user flow detours to avoid a closure some distance beyond the sign,".
Figure 6G-1	Change the dollar currency symbol to match the typographical symbol and punctuation in the Standard Alphabet in the <i>Standard Highway Signs</i> publication.  Change the border color on the No Parking sign (R8-3) from black to red to be consistent with Figure 2B-25.
Sec. 6H.01	Paragraph 4: Change the reference "Paragraph 5" to "Paragraphs 5-9".
Table 6H-1	Remove the row referencing "Bike Diversion (with distance) W20-2b" from the table.  Change the name of the W8-17 from "Shoulder Drop Off (symbol)" to "Shoulder Drop-Off (symbol)".
Sec. 6H.12	Paragraph 1: Change the reference from "Figure 6H-1" to "Figure 6I-1".
Sec. 6H.13	Paragraph 01: Change the reference "Figure 6H-1" to "Figure 6I-1".
Sec. 6H.26	Paragraph 03: Change "Shoulder Drop Off" to "Shoulder Drop-Off".
Sec. 6H.32	Paragraph 2: Remove the statement, "The plaque shall be at least 24 x 24 inches in size when used with a sign that is 36 x 36 inches or larger." [This is left over from the 2009 edition of the MUTCD. The Conventional Road size for the Advisory Speed Plaque (W13-1P) was reduced in Table 6H-1 from 24 x 24 in the 2009 edition to 18 x 18 in the 11th edition to be consistent with Table 2C-1.]
Sec. 6H.34	Change the Section title from "Motorcycle Plaque (W8-15P)" to "Motorcycle Plaque (W8-15aP)".  Paragraph 1: Change the reference from "Motorcycle (W8-15P) plaque" to "Motorcycle (W8-15aP) plaque".
Sec. 6I.01	Paragraph 7: Label the paragraph as a Standard and display the text in bold font.
Figure 6K-1	On the "More than 36 inches" tall cone, show the alternating orange and white retroreflective stripes that are 4 to 6 inches wide per Paragraph 3 of Section 6K.03.
Figure 6L-2	Legend: Change the text for the AFAD symbol from "recommended gate" to "required gate".

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Sec. 6L.05	Paragraph 9: Change the reference from "Table 2A-5" to "Table 2A-2".
Sec. 6N.04	Paragraph 6, first sentence: Add the word "short-term" between the words "for" and "and mobile" to read "Except for short-term and mobile operations".
Sec. 6N.19	Paragraph 3: Change the reference from "R9-4a" to "R4-9a".
Figure 6N-1	Change the designation "R9-4a" to "R4-9a".
Sec. 6O.01	Paragraph 14: In the first sentence, change "all major traffic incidents" to "all major and intermediate traffic incidents".
Figure 6P-5	Change the sign designation "W16-2P" to "W16-2aP". Change the advance warning sign spacing from "C-B-A" to be "A-B-C".
Figure 6P-7	Change the spelling "Typical Appiication 7" to "Typical Application 7".
Figure 6P-8	Change the sign designation for the ROAD CLOSED XX MILES AHEAD, LOCAL TRAFFIC ONLY sign R11-3a to R11-3
Figure 6P-9	Change the sign designation for the ROAD CLOSED XX MILES AHEAD (modified) from R11-3a to R11-3.
Figure 6P-10	The W16-2P on the bottom of the figure, add "(optional)" below it to match the opposite approach.
Figure 6P-12	Add the southbound centerline no passing zone at the stop bar to mirror the northbound no passing zone.
Figure 6P-16	In Note 7: Change "SURVEY CREWS AHEAD" signs to "SURVEY CREW" signs.
Figures 6P-22, 6P-23, 6P-24, 6P-25	Remove the word "optional" from to the arrow board.
Figure 6P-23	Add an arrow panel where the left-lane closure begins.
Figure 6P-25	Add delineation to the arrow panel.
Figure 6P-28	Replace "60 inches MIN." with "See Note 14 for width".
Figures 6P-47, 6P-48, 6P-50	Change the word legend on the sign labeled "R9-20" to "ALLOWED USE OF FULL LANE". In Notes: Change "IN ROADWAY plaques" to "IN ROAD plaques" per W16-1P and Section 2C.67.
Figure 6P-47	Remove the M6-2PL Directional Arrow Plaque.
Figure 6P-48	Change the sign designation for the Directional Arrow Plaque from M6-3 to M6-3P.
Figure 6P-49	Display the third PATH CLOSED (R11-2c) sign from the top of the diagram right-side up.

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Figure 6P-50	Change the sign designation for The Directional Arrow Plaque from M6-3 to M6-3P.
Figure 6P-51	Delete Note 3 on the Notes Page that states “3. The A, B, and C dimensions should be based on anticipated bicycle speeds.” Remove the W11-1 with the M6-2PR and the W11-1 with the M6-2PL. Replace both with the M4-9c. Add channelizing devices along the length of the work area.
Figures 7B-1, 7B-4, 7B-5	Change the dollar currency symbol to match the typographical symbol and punctuation in the Standard Alphabet in the <i>Standard Highway Signs</i> publication.
Sec. 7B.03	Paragraph 11: Change the reference from “Figure 7B-4” to “Figure 7B-1”.
Sec. 8A.11	Paragraph 2: Insert commas before “where” and after “Zone”.
Table 8B-1	On Sheet 1 of 2: <ul style="list-style-type: none"> <li>Change the Left (Right) Lane Signal sign (R10-10b) size for Single Lane column from “30 x 36” to “24 x 30.”</li> <li>Change the Left (Right) Turn Lane Signal sign (R10-10c) sizes for Single Lane from “30 x 42” to “24 x 30”, Multi- Lane from “30 x 42” to “30 x 36”, and Minimum from “24 x 36” to “24 x 30.”</li> </ul>
Sec. 8B.08	Paragraph 4: Delete extra period at the end of the sentence.
Sec. 8B.16	Paragraph 8: Replace “2019 edition of the “American Railway Engineering and Maintenance-of-Way Association’s Engineering Manual,”” with ““Communications and Signals Manual”, 2023 Edition, AREMA”.
Sec. 8D.03	Paragraph 5: Add the word “arm” in the final sentence between “gate” and “shall”.
Sec. 8D.05	Paragraph 7, Sentence 4: Delete the word “queue”.
Sec. 8D.12	Paragraph 6: Replace “pre-signal” with “queue cutter signal”.
Sec. 8E.08	Paragraph 4: Add a comma after “horizontally”.
Sec. 9A.01	Between Paragraphs 5 and 6: Delete the header “Support”.
Table 9A-1	Add a row: Overhead Bicycle Signal (R10-40, R10-40a, R10-41, R10-41a, R10-41b, R10-41c), 9B.22, -, 24 x 36.
Sec. 9B.02	Paragraph 3: Change sign designation “W16-20P” to “R3-7bP”.
Figure 9B-5	Change the title of the figure from “Example of Two-Stage Bicycle Turn Box when Use is Mandatory” to “Two-Stage Bicycle Turn Box where Use is Mandatory.” Change the NO TURN ON CIRCULAR RED (R10-11a) signs to NO TURN ON RED (R10-11) signs.
Sec. 9B.20	Paragraph 3: Add a reference “(see Figure 9B-1)” after “R10-25”.
Sec. 9C.04 Sec. 9C.04 cont’d	Between Paragraphs 3 and 4: Add the header “Guidance”. Between Paragraphs 4 and 5: Remove the header “Guidance”.

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	Paragraph 4: Change from regular font to <i>italicized font</i> , as this paragraph is Guidance, not an Option.
Sec. 9D.01	Section title: Change the phrase, “Bicycle Destination Signs” to “Bicycle Destination and Distance Signs”.
Sec. 9D.04	Paragraph 2: Add the word “and” between “Highway” and “Transportation”.
Sec. 9D.05	Paragraph 1: Change the phrase, “the Bicycle Route (M1-8 or M1-8a) sign” to “the Numbered Bicycle Route (M1-8 or M1-8a) sign”.
Sec. 9D.08	Between Paragraphs 12 and 13: Add the header “Support”.
Sec. 9D.13	Between Paragraphs 8 and 9: Add the header “Support”.
Figure 9D-7	Change title from “...when Use is Optional” to “...where Use is Optional”.
Sec. 9E.02	Paragraph 6: Add the phrase “or word marking” after the phrase “bicycle symbol”.
	Paragraph 3: Change the word “circular” to “circulatory”.
Sec. 9E.05	Paragraph 8: Change the text “The FHWA’s information guide ‘Improving Intersections for Pedestrians and Bicycles’” to “The ‘Improving Intersections for Pedestrians and Bicyclists Informational Guide’ (FHWA-SA-22-017), FHWA”.
Sec. 9E.07	Paragraph 14: Add the phrase, “edges of the” between the words “The” and “buffer space”. FHWA separates Paragraph 7 into two paragraphs. The first sentence of Paragraph 7 is shown as an Option statement. The second sentence of Paragraph 7 is shown as a Support statement.
Figure 9E-7	Drawings D and F: Add edge line extension pavement markings in the form of a dotted line from the south leg to the east leg of the intersection in addition to the tubular markers with a callout indicating “optional”. Drawing G: On the north leg of the intersection, place the stop line for southbound traffic, not northbound traffic. Change the edge line extension from the south leg to the east leg of the intersection to a dotted line with a callout indicating “optional”.
Figure 9E-8	Add space between the crosswalk and the sign location to improve readability of the figure.
Sec. 9E.11	Paragraph 4, Item C: Delete the word “or” from the phrase “parallel or motor”.
Sec. 9E.17	Paragraph 8: Change the phrase, “If used in buffer-separated bicycle lanes” to “If used in separated bicycle lanes”.
Appendix A2, Table A2-2	In the third table of four, revise the conversion showing 130 feet to 675 meters, 140 feet to 700 meters, 150 feet to 750 meters, and 180 feet to 800 meters to a conversion showing 130 feet to 40 meters, 140 feet to 43 meters, 150 feet to 46 meters and 180 feet to 55 meters.
Appendix A2, Table A2-4	In the fourth table of four, change the conversion showing 65 mph to 110 km/h to a conversion showing 70 mph to 110 km/h.