



National Committee on Uniform Traffic Control Devices

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2021 Spring NPA Meeting - Actions of NCUTCD Council (online e-meetings and e-mail ballots) Meeting Summary

General Notes

On December 14, 2020, the Federal Highway Administration (FHWA) published the Notice of Proposed Amendments (NPA) for revising the MUTCD into a new 11th Edition and invited public comment. FHWA also published the draft version of the 11th Edition in the docket. FHWA initially set a deadline of March 15, 2021 for comments, but extended the deadline to May 14, 2021 in response to comments from NCUTCD, National Committee sponsoring organization, and others.

Due to the ongoing COVID-19 pandemic, the spring 2021 NCUTCD meeting to address the NPA material could not be held in the typical in-person format. Technical committee, joint task force, and Council sessions were held through the use of electronic meeting software such as Zoom and other providers. Votes were organized and tallied either in virtual sessions or via e-ballot (see below).

There are 41 voting members of the NCUTCD Council, representing 21 sponsoring organizations. Section 5.4 of the NCUTCD Bylaws defines a quorum as 2/3 of the voting (Council) membership, or a minimum of 28 members. Section 6.6(4) of the Bylaws requires a minimum 2/3 affirmative vote to determine NCUTCD policy, or 28 votes. Robert's Rules of Order requires a simple majority of Council members to vote in favor of amending motions. This simple majority is defined by NCUTCD as being a majority of all Council members, or 21 votes.

Due to the volume of material to be reviewed and voted upon by the NCUTCD Council in the NPA, it was impractical to review all material in General Session as is the normal procedure of NCUTCD. Instead, NPA material was reviewed by technical committees and joint task forces and assigned into three categories:

- **Direct to Docket:** the proposed revisions were assessed to have no significant changes from either the 2009 MUTCD or a prior NCUTCD proposal submitted to FHWA, so no Council action was needed to develop a recommendation for the docket.
- **E-Ballot:** Council action was required, but the proposed revisions were assessed to be sufficiently non-controversial as to be suitable for approval via ballot distributed by e-mail to Council members. In these ballots, the options presented for voting were "Approve" or "Discuss in General Session". A proposal that did not receive 28 votes for approval in e-balloting would be scheduled for discussion at a later virtual general session of the NCUTCD Council.
- **General Session:** Council action was required, and the proposed revisions were assessed to have sufficient importance or impact as to warrant review, discussion, and vote at a virtual general session.

All Chapter, Section, Figure, and Table numbers in this summary refer to the numbers and codes in the draft 11th Edition of the MUTCD published by FHWA in December 2020 as part of rulemaking docket FHWA-2020-0001.

For the sake of brevity, MUTCD sections are generally referred to by chapter or section number only, and section content is omitted. Appendix 1 contains a full list of NPA sections by title including approval category and final vote tally, and Appendix 2 contains links to all official NCUTCD docket comments by chapter.

Summary of Council Actions

The table below lists a summary of NCUTCD Council actions by date, noting the type of action (e-mail vote or virtual Council session) and the NPA chapters considered. Note that in most cases not all material in a listed chapter was voted upon in that specific session or e-ballot.

Date(s)	Type of Action	NPA Chapters
January 22, 2021	Virtual General Session	8C, 8D (see January 2021 meeting summary)
February 18-20, 2021	E-Ballot	8E
February 25-27, 2021	E-Ballot	2A, Appendix A2
March 2, 2021	Virtual General Session	2A, 2B, 4B, 4C, 4D, 4E, 4I, 4K, 4L
March 3, 2021	Virtual General Session	2F
March 4, 2021	Virtual General Session	2B
March 5, 2021	Virtual General Session	2B, 4K
March 11-13, 2021	E-Ballot	2F
March 18-22, 2021	E-Ballot	2A, 2B, 2H, 3A, 3I, 3J, 3K
March 23, 2021	Virtual General Session	2C, 4U
March 25, 2021	Virtual General Session	1B, 8A, 9B
March 26-29, 2021	E-Ballot	1B, 2K, 9A, 9B, 9C
April 1-5, 2021	E-Ballot	1A, 2C, 3E, 3F, 3G, 3H, 6D, 6E
April 6, 2021	Virtual General Session	1A, 2L, 8A, 9B, 9E
April 8, 2021	Virtual General Session	1D, 2C, 2L, 3H, 9E
April 7-14, 2021	E-Ballot	6A, 6B, 7A, 7B, 7D, 9E
April 14-19, 2021	E-Ballot	1D, 2G, 2I, 2J, 2M, 2N, 3C, 3D
April 20, 2021	Virtual General Session	1B, 1D, 2C, 2E, 2M, 6B, Appendix A1
April 22, 2021	Virtual General Session	2E, 9D
April 22-27, 2021	E-Ballot	2E, 3B, 6C, 6J, 6O, 6P, 9D
April 27-29, 2021	E-Ballot	2G.25 (reconsideration)
April 29 - May 3, 2021	E-Ballot	1C, 1D, 4E, 4F, 6F, 6G, 6H, 6K, 6L, 6M, 6N
April 29 - May 5, 2021	E-Ballot	1C, 2D
May 3, 2021	Virtual General Session	2D, 2G, 3B, 4H, 9D
May 6, 2021	Virtual General Session	3A, 3B, 5A, 5B, 6M, 9E

Electronic Ballot - Chapter 8E

An electronic ballot for approval of sections of Chapter 8E was distributed to Council members and open for vote February 18-20, 2021. The results of the ballot are as follows:

Item	Vote	Result
Figure 8E-1	39-0	Approved
Section 8E.02	39-0	Approved
Figure 8E-2	39-0	Approved
Figure 8E-3	38-1	Approved
Section 8E.03	39-0	Approved
Section 8E.04	38-1	Approved
Figure 8E-4	39-0	Approved
Figure 8E-5	39-0	Approved
Figure 8E-7	39-0	Approved
Figure 8E-8	38-1	Approved
Section 8E.08	37-2	Approved
Section 8E.09	37-2	Approved
Figure 8E-11	39-0	Approved
Figure 8E-14	39-0	Approved

Electronic Ballot - Chapter 2A and Appendix A2

An electronic ballot for approval of sections of Chapter 2A and Appendix A2 was distributed to Council members and open for vote February 25-27, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 2A.01	34-0	Approved
Section 2A.03	34-0	Approved
Section 2A.05	34-0	Approved
Section 2A.07	34-0	Approved
Section 2A.09	33-1	Approved
Section 2A.10	34-0	Approved
Section 2A.11	33-1	Approved
Section 2A.12	33-1	Approved
Section 2A.13	33-0	Approved
Section 2A.16	33-0	Approved
Section 2A.17	34-0	Approved
Section 2A.18	33-0	Approved
Section 2A.19	24-10	Discuss in General Session
Section 2A.21	34-0	Approved
Section 2A.22	34-0	Approved
Appendix A2	34-0	Approved

General Session - Tuesday, March 2, 2021

Call to Order

NCUTCD Chair Gene Hawkins called the virtual meeting to order at 1:01 PM Eastern Standard Time.

Attendance and Determination of Quorum

Sponsor	Voting Members	Sponsor	Voting Members
AAA	Jeff Bagdade ¹	IACP	Rick Campbell
AAR	Tony Bellamy	IBTTA	Tom Macchione
AASHTO	Meg Pirkle, Chair Christina Bennett Tim Crouch Maysa Hanna Tom Honich ² Bill Lambert Kerry NeSmith Lee Roadifer	IMSA	(no representative)
AHUA	Jonathan Upchurch	ITE	Steven Jewell, Chair Dongho Chang Kathy Falk John Fisher Eagan Foster Gene Hawkins Zoubir Ouadah Scott Wainwright
APBP	Tom Bertulis	ITS America	Ed Bradley
APTA	Maurice Palumbo	LAB	Rock Miller
APWA	Monica Suter, Acting Chair Richard Deal Bob Garbacz ³	NACE	Lee Billingsley, Chair Tim Haagsma Mark Nahra
AREMA	Keane Malley	NACTO	Patrick Baxter, Chair ⁴ Uyen Dang Katy Sawyer
ARTBA	Tim Cox	NSC	Dan Magri
ASCE	Robert Bryson		
ATSSA	Donna Clark		
HFR	Bryan Katz		

Honorary Members

Ken Kobetsky

Jim Pline

¹ Mark Wilson replaced Jeff Bagdade at 2:30 PM EST

² Ryan Lancaster replaced Tom Honich at 1:20 PM EST

³ Arrived 1:25 PM EST

⁴ Arrived 1:20 PM EST

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Opening Comments

Chair Hawkins addressed the meeting and noted that NCUTCD was now operating a manner that might have been considered inconceivable one year ago, and is accomplishing far more than thought possible given recent events and constraints. He reminded members and attendees to use the Suggestion Box on the NCUTCD website to submit suggestions for additional improvements.

NCUTCD will submit comments to the rulemaking docket on a chapter basis. Items approved via e-ballot or in a virtual session will be accumulated until action on an entire chapter is complete, at which time the technical committee will assemble the comments for that chapter and deliver them to the Executive Secretary for final formatting and transmittal.

Due to the volume of material under review, the chair reminded Council members that the pace of action may be fast, and to be prepared to vote once each question is called. He recommends amending motions only when needed.

Regulatory and Warning Sign Technical Committee

Sections 2A.04, 2A.06, 2A.14, 2A.15, 2A.19, and 2A.20: RWSTC Chair Tom Heydel presented the sections. 2A.08 and Appendix A1 were withheld pending coordination with Guide and Motorist Information Sign Technical Committee (GMI). 2A.19 was originally presented in the February 25-27 e-ballot but moved to General Session. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. Members commented on Table 2A-5 and edits accepted. Lambert moved and Chang seconded an amendment to strike several lines in 2A.19. After discussion, the amendment failed 18-21-0. Members then commented on 2A.04 and 2A.20 and edits accepted. A vote was called on the sections as revised, and approved 37-0-1.

Sections 2B.01 through 2B.05: RWSTC Chair Heydel presented the sections. Heydel moved and Suter seconded approval. After discussion, a vote was called on the sections, and approved 38-0-0.

Sections 2B.06 through 2B.17: RWSTC Chair Heydel presented the sections. Heydel moved and Haagsma seconded approval. After discussion, Upchurch moved and Ouadah seconded an amendment to revise "minor road" to "street" in these sections. The amendment failed 4-32-3. A vote was called on the sections, and approved 35-0-2.

Sections 2B.18 through 2B.20: RWSTC Chair Heydel presented the sections. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. Members commented on 2B.18, and edits accepted. Roadifer moved and Bennett seconded an amendment to strike several lines in 2B.18. The amendment was approved 26-9-1. After additional discussion, a vote was called on the sections as revised, and approved 37-1-0.

Signals Technical Committee

Section 4B.02: STC Chair John Fisher presented the section. Fisher moved and Bryson seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 37-0-1.

Section 4B.05 (in 2009 MUTCD): STC Chair Fisher moved and Garbacz seconded removing this section, as it is not in the NPA. A vote was called, and approved 38-1-0.

Section 4C.01: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as presented by the technical committee. A vote was called on the section, and approved 36-0-0.

Section 4D.02: STC Chair Fisher presented the section. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. Lancaster moved and Lambert seconded an amendment to make APS installation contingent on a study for consistency with 4K.01. The amendment failed 16-17-1. After additional discussion and accepted minor edits, a vote was called on the section as revised, and approved 36-0-1.

Section 4E.03: STC Chair Fisher presented the section. Fisher moved and Lambert seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 35-0-0.

Section 4I.01: STC Chair Fisher presented the section. Fisher moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 37-0-1.

Sections 4K.01 and 4K.02: STC Chair Fisher presented the sections. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the sections, and approved 38-0-0.

Section 4K.03: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 37-2-1.

Section 4K.04: STC Chair Fisher presented the section. Fisher moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 37-0-0.

Section 4K.05: STC Chair Fisher presented the section. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 38-0-0.

Sections 4L.01 through 4L.03 (all Chapter 4L): STC Chair Fisher presented the sections. Fisher moved and Suter seconded approval of NPA revisions as presented. Lambert moved and Ouadah seconded an amendment to delete text allowing earlier IA-11 flash patterns to continue to be used. The amendment failed 19-17-1 (21 needed for simple majority). Ouadah moved and Lambert seconded an amendment for in-median RRFBs to be an Option. The amendment failed 9-27-1. Suter moved and Ouadah seconded an amendment to delete "if practical" wording. After discussion, the amendment was withdrawn. A vote was called on the sections as revised, and approved 36-0-1.

Recess

The session was recessed at 4:20 PM EST. Maximum session attendance for the day was estimated at 94.

General Session - Wednesday, March 3, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Standard Time.

Attendance and Determination of Quorum

Sponsor	Voting Members	Sponsor	Voting Members
AAA	Jeff Bagdade	IACP	Rick Campbell
AAR	Tony Bellamy	IBTTA	Shannon Bonilla
AASHTO	Neil Boudreau, Acting Chair	IMSA	(no representative)
	Christina Bennett	ITE	Steven Jewell, Chair
	Cindy Cramer		Michael Cynecki
	Maysa Hanna		Kathy Falk
	Tom Honich		John Fisher
	Ryan Lancaster		Eagan Foster
	Kerry NeSmith		Gene Hawkins
	Lee Roadifer		Brent Ogden
AHUA	Jonathan Upchurch		Zoubir Ouadah
APBP	Tom Bertulis	ITS America	Ed Bradley
APTA	Maurice Palumbo	LAB	Rock Miller
APWA	Steve Oliver, Chair	NACE	Lee Billingsley, Chair
	Bob Garbacz		Tim Haagsma
	Monica Suter		Mark Nahra
AREMA	Keane Malley	NACTO	Patrick Baxter, Chair
ARTBA	Tim Cox	NSC	Dan Magri
ASCE	Jon Esslinger		
ATSSA	Donna Clark		
HFR	Bryan Katz		

Honorary Members

Ken Kobetsky

Jim Pline

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Guide and Motorist Information Sign Technical Committee

Sections 2F.02 and 2F.03: GMITC Chair Tom Honich presented the sections. Bonilla moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the sections, and approved 37-1-0.

Section 2F.04: GMITC Chair Honich presented the section. Bonilla moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 37-0-0.

Section 2F.05: GMITC Chair Honich presented the section. Bonilla moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section, and approved 36-0-0.

Sections 2F.06 through 2F.09: GMITC Chair Honich stated GMITC does not concur with the sections. Bonilla moved and Palumbo seconded deletion of the sections. Chair Hawkins ruled the motion out of order, as the material presented to Council did not represent the proposed motion. Hawkins requested this be reintroduced later with proposed changes shown accurately.

Section 2F.10: GMITC Chair Honich presented the section. Bonilla moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. After substantial discussion, a vote was called on the section as revised, and approved 36-0-1.

Section 2F.13: GMITC Chair Honich presented the section. Bonilla moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. Members commented on figures accompanying the section. Honich agreed to withdraw the figures from the motion. After discussion, a vote was called on the section as revised, and approved 34-0-2.

Sections 2F.17 through 2F.19: GMITC Chair Honich presented the sections. Bonilla moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. Members commented on figures accompanying the section. After discussion, a vote was called on the sections as revised, and approved 32-0-3.

An informal discussion of Council members ensued regarding the handling of NPA proposals and general issues regarding Chapter 2F content.

Sections 2F.06 through 2F.09: Honich reintroduced the sections, stating GMITC can accept NPA content. Bonilla moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the sections as revised, and approved 29-0-3.

Section 2F.12: GMITC Chair Honich presented the section. Bonilla moved and Suter seconded approval of NPA revisions as developed by the technical committee. Members commented on status of ongoing arrow-per-lane research studies. After discussion, a vote was called on the section as revised, and approved 30-1-2.

Recess

The session was recessed at 2:49 PM EST. Maximum session attendance for the day was estimated at 83.

General Session - Thursday, March 4, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:01 PM Eastern Standard Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR John Dinning
AASHTO Meg Pirkle, Chair
Neil Boudreau
Tim Crouch
John Hibbard
Tom Honich
Ryan Lancaster
Bill Lambert
Lee Roadifer
AHUA Jonathan Upchurch
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Monica Suter
AREMA Keane Malley
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz

Sponsor Voting Members

IACP Rick Campbell
IBTTA Shannon Bonilla
IMSA (no representative)
ITE Steven Jewell, Chair
Dongho Chang
Kathy Falk
John Fisher
Eagan Foster
Gene Hawkins
Brent Ogden
Zoubir Ouadah
ITS America Ed Bradley
LAB Rock Miller
NACE Lee Billingsley, Chair
Jeff Blue
Tim Haagsma
NACTO Patrick Baxter, Chair ¹
Elijah Ferrari ²
Mike Sallaberry
NSC Dan Magri

Honorary Members

Ken Kobetsky

Jim Pline

¹ Arrived 1:20 PM EST

² replaced by Katy Sawyer 1:50 PM EST

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Regulatory and Warning Sign Technical Committee

Section 2B.21: RWSTC Chair Tom Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. Roadifer moved and Bryson seconded an amendment to revise wording affecting facility types and traffic. After an extensive discussion, a vote was called on the amendment and it failed 18-17-3.

Bill Lambert, Vice-Chair of Programs, assumed the chair of the meeting at 2:11 PM EST.

Section 2B.21 continued: A substantive discussion by Council members of speed zoning philosophy and practice ensued. Hawkins moved and Clark seconded an amendment to remove

details of setting speed zones from the section. Council members suggested edits to the amendment, but Chang raised a point of order and the amendment was voted upon as originally moved. The amendment was approved 25-13-1. Foster moved and Fisher seconded an amendment to restore some Guidance material as Support. Council members suggested edits to the amendment, but Miller raised a point of order and the suggestions were rescinded. After discussion, the amendment was approved 29-8-1. Ouadah moved and Fisher seconded an amendment to restore additional material as Support. The amendment was approved 31-2-5. Miller moved and Chang seconded an amendment to delete wording added by RWSTC. After discussion, the amendment failed 11-29-0. After a short break, a vote was called on the section as revised, and failed 26-5-1. A point of order was raised that no quorum call was made after the break. A quorum call was held and 40 Council members responded. The section vote was called again, and passed 36-3-0.

Gene Hawkins re-assumed the chair of the meeting at 3:15 PM EST.

Section 2B.21 continued: Fisher called a point of order to clarify deletions and additions to the section, which was performed. Chair Hawkins commented that today's session showed the value of the NCUTCD consensus-building process, with technical experts holding very diverse viewpoints working together collegially.

Sections 2B.22 through 2B.25: RWSTC Chair Heydel presented the sections. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the sections as revised, and approved 37-0-1.

Sections 2B.27 through 2B.30: RWSTC Chair Heydel presented the sections. Heydel moved and Bryson seconded approval of NPA revisions as developed by the technical committee. Members commented on signs to be included in the sections and figures. Ouadah moved and Lambert seconded an amendment to revise signs to show black backgrounds for bike lanes similar to other signs from Bicycle TC. After discussion, the amendment failed 14-20-2. Fisher moved and Lambert seconded an amendment to include bicycle signs from the NPA. After discussion, the amendment failed 12-22-2. Suter moved and Lambert seconded an amendment to keep all signs in this section from the original NPA. Sawyer suggested a change to the amendment, but Katz raised a point of order to disallow. After discussion, the amendment failed 12-19-5. Sallaberry moved and Chang seconded an amendment combining the Suter and Sawyer recommendations.

Bill Lambert, Vice-Chair of Programs, assumed the chair of the meeting at 4:24 PM EST.

Discussion continued on the amendment.

Gene Hawkins re-assumed the chair of the meeting at 4:27 PM EST.

Sections 2B.27 through 2B.30 continued: After discussion and restatement, the amendment failed 13-22-1. Lambert moved and Lancaster seconded a motion to table 2B.27 through 2B.30. After a vote of 26-10-0, the sections were tabled.

Sections 2B.27 through 2B.29: RWSTC Chair Heydel presented the sections. Heydel moved and Upchurch seconded approval of NPA revisions as developed by the technical committee. A vote was called on the sections as revised, and approved 33-0-0.

Section 2B.31: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-0-0.

Section 2B.32: RWSTC Chair Heydel presented the section. RWSTC recommends content identical to the 2009 MUTCD. Fisher raised a point of order noting that previously-approved material needs no Council action, and the section was withdrawn for “direct to docket” submittal.

Section 2B.33: RWSTC Chair Heydel presented the section. Heydel moved and Upchurch seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-0-0.

Sections 2B.34 and 2B.35: RWSTC Chair Heydel presented the sections. Heydel moved and Billingsley seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the sections as revised, and approved 34-0-1.

Sections 2B.36 through 2B.40 (revised to 2B.36 through 2B.39): RWSTC Chair Heydel presented the sections. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After some discussion on 2B.40, Hawkins suggested revising the motion to only include 2B.36 through 2B.39. Heydel concurred and Lambert seconded. After additional discussion, a vote was called on 2B.36 through 2B.39 as revised, and approved 34-0-0.

Chair Comments

Chair Hawkins reminded council members that a motion for reconsideration of a prior action may be brought in a subsequent session of this meeting, preferably at the start of a session.

Recess

The session was recessed at 5:02 PM EST. Maximum session attendance for the day was estimated at 87.

General Session - Friday, March 5, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:01 PM Eastern Standard Time.

Attendance and Determination of Quorum

Sponsor	Voting Members	Sponsor	Voting Members
AAA	Mark Wilson	IACP	(no representative)
AAR	Tony Bellamy	IBTTA	Shannon Bonilla
AASHTO	Neil Boudreau, Acting Chair Cindy Cramer Maysa Hanna John Hibbard Tom Honich Bill Lambert Trey Tillander Dan Waddle	IMSA	(no representative)
AHUA	Jonathan Upchurch	ITE	Steven Jewell, Chair Michael Cynecki John Fisher Gene Hawkins Brent Ogden Zoubir Ouadah Ross Oyen Scott Wainwright
APBP	Peter Koonce	ITS America	Ed Bradley
APTA	Maurice Palumbo	LAB	Rock Miller
APWA	Steve Oliver, Chair Bob Garbacz Monica Suter	NACE	Lee Billingsley, Chair Jeff Blue Tim Haagsma
AREMA	Keane Malley	NACTO	Patrick Baxter, Chair Elijah Ferrari
ARTBA	Tim Cox	NSC	Dan Magri
ASCE	Jon Esslinger		
ATSSA	Donna Clark		
HFR	Bryan Katz		

Honorary Members

Ken Kobetsky

Jim Pline

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Regulatory and Warning Sign Technical Committee

Section 2B.40: RWSTC Chair Tom Heydel presented the section. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 35-0-1.

Section 2B.44: RWSTC Chair Heydel presented the section. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Section 2B.40: RWSTC Chair Heydel recommended deletion of this section. Heydel moved and Garbacz seconded approval of deletion. Lambert moved and Wainwright seconded an amendment to restore the first and fourth paragraph and the R4-20 sign. The amendment was approved 35-0-1. A vote was called on the section as revised, and approved 37-0-1.

Section 2B.49: RWSTC Chair Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. Members commented and minor revisions were accepted. After additional discussion, a vote was called on the sections as revised, and approved 37-1-0.

Section 2B.50: RWSTC Chair Heydel stated that the RWSTC recommends NCUTCD's proposed content for this section in lieu of the NPA material. As this material was already approved by Council, it will proceed directly to docket.

Section 2B.52: RWSTC Chair Heydel presented the section. Heydel moved and Haagsma seconded approval of NPA revisions as developed by the technical committee. After some discussion, a vote was called on the sections as revised, and approved 36-0-0.

Council members then noted 2B.48 and some Chapter 2B figures may be inconsistent with 2B.52 as approved.

Section 2B.52 reconsideration: Ouadah moved and Wainwright seconded a motion to reconsider 2B.52. After a brief discussion, a vote was called, and the motion for reconsideration failed 8-27-3.

Section 2B.20 reconsideration: Suter moved and Ouadah seconded a motion to reconsider 2B.20. After a brief discussion, a vote was called, and the motion for reconsideration passed 23-11-3. RWSTC Chair Heydel presented the section as approved on March 2. Heydel moved and Garbacz seconded approval as previously approved. Members commented on the section and revisions were accepted. After additional discussion, a vote was called on the section as revised, and approved 35-1-2.

Signals Technical Committee

Section 4K.01 reconsideration: Ouadah moved and Fisher seconded a motion to reconsider 4K.01. A vote was called, and the motion for reconsideration passed 35-0-1. STC Chair John Fisher presented the section as approved on March 2. Fisher moved and Garbacz seconded approval of the section as approved. Members commented on the section and revisions were accepted. After additional discussion, a vote was called on the section as revised, and approved 34-0-1.

Council Discussion

Council members expressed their thoughts on the week's schedule and provided comments to the Chair. Chair Hawkins asked technical committees to inform him of what will be ready for Council action in a timely manner. Members should continue to check the news feed on the NCUTCD webpage and the FHWA MUTCD webpage for updates. If members are aware of discussions of the NPA in other venues, share this information with NCUTCD leadership.

Recess

The session was recessed at 3:00 PM EST. Maximum session attendance for the day was estimated at 80.

Electronic Ballot - Chapter 2F

An electronic ballot for approval of sections of Chapter 2F was distributed to Council members and open for vote March 11-13, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 2F.01	33-0	Approved
Section 2F.14	33-0	Approved
Section 2F.15	33-0	Approved
Section 2F.16	33-0	Approved

Electronic Ballot - Chapters 2A, 2B, 2H, 3A, 3I, 3J, 3K

An electronic ballot for approval of sections of Chapters 2A, 2B, 2H, 3A, 3I, 3J, and 3K was distributed to Council members and open for vote March 18-22, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 2A.08	36-1	Approved
Section 2B.26	35-2	Approved
Section 2B.30	29-7	Approved
Section 2B.46	37-0	Approved
Section 2B.53	35-2	Approved
Section 2B.54	35-2	Approved
Section 2B.55	36-1	Approved
Section 2B.56	37-0	Approved
Section 2B.57	36-1	Approved
Section 2B.58	36-0	Approved
Section 2B.59	33-4	Approved
Section 2B.60	33-4	Approved
Section 2B.62	37-0	Approved
Section 2B.66	35-2	Approved
Section 2B.67	33-4	Approved
Section 2B.68	36-1	Approved
Section 2B.71	36-1	Approved
Section 2B.72	37-0	Approved
Section 2B.73	37-0	Approved
Section 2B.75	35-1	Approved
Section 2H.01	32-5	Approved
Section 2H.02	37-0	Approved
Section 2H.03	31-6	Approved
Section 2H.04	37-0	Approved
Section 2H.05	31-6	Approved
Section 2H.06	37-0	Approved
Section 2H.07	30-7	Approved
Section 2H.08	30-7	Approved
Section 2H.09	31-6	Approved
Section 2H.10	37-0	Approved
Section 2H.11	32-5	Approved
Section 2H.12	32-5	Approved

NCUTCD Council Meeting Summary

Spring 2021 (NPA)

Page 15 of 52

Item	Vote	Result
Section 2H.13	31-6	Approved
Section 2H.14	37-0	Approved
Section 3A.01	37-0	Approved
Section 3A.02	37-0	Approved
Section 3A.03	29-8	Approved
Section 3I.01	30-7	Approved
Section 3I.02	35-2	Approved
Section 3J.01	37-0	Approved
Section 3J.02	36-1	Approved
Section 3J.03	34-3	Approved
Section 3J.04	36-1	Approved
Section 3J.05	34-3	Approved
Section 3J.06	35-1	Approved
Section 3J.07	36-1	Approved
Section 3K.01	37-0	Approved
Section 3K.02	37-0	Approved

General Session - Tuesday, March 23, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:03 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy
AASHTO Meg Pirkle, Chair
Neil Boudreau
Tim Crouch
Tom Honich
Bill Lambert
Erika Lindberg
Kerry NeSmith
Lee Roadifer
AHUA Jonathan Upchurch
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Monica Suter
AREMA Keane Malley
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz ¹

Sponsor Voting Members

IACP Rick Campbell
IBTTA Shannon Bonilla
IMSA Paul Ciupa ²
ITE Scott Wainwright, Acting Chair
Michael Cynecki
Kathy Falk
John Fisher
Eagan Foster
Gene Hawkins
Brent Ogden
Ross Oyen
ITS America Ed Bradley
LAB Rock Miller
NACE Lee Billingsley, Chair
Jeff Blue
Tim Haagsma
NACTO Patrick Baxter, Chair
Elijah Ferrari
Katy Sawyer
NSC Ryan Pietzsch

Honorary Members

George Butzer

Jim Pline

¹ replaced by Sue Chrysler after 1:10 PM EDT

² Arrived 1:40 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Signals Technical Committee

Sections 4U.01 and 4U.02: STC Chair John Fisher presented the sections. Fisher moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the sections as revised, and approved 40-0-0.

Regulatory and Warning Sign Technical Committee

Section 2C.06 (including tables): RWSTC Chair Tom Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. Upchurch moved and Katz seconded an amendment to revise the first Standard

paragraph. After discussion and accepted edits, the amendment was approved 37-1-0. After additional discussion, a vote was called on the section as revised, and approved 38-1-1.

Section 2C.07: RWSTC Chair Heydel presented the section. Heydel moved and Boudreau seconded approval of NPA revisions as developed by the technical committee. After a brief discussion, a vote was called on the section as revised, and approved 39-0-0.

Section 2C.10: RWSTC Chair Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-1-0.

Section 2C.12: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-1.

Section 2C.37: RWSTC Chair Heydel presented the section. Heydel moved and Boudreau seconded approval of NPA revisions as developed by the technical committee. After a brief discussion, a vote was called on the section as revised, and approved 37-0-0.

Section 2C.39: RWSTC Chair Heydel presented the section. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 39-0-0.

Section 2C.40: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 29-7-1.

Section 2C.47: RWSTC Chair Heydel presented the section. Heydel moved and Bryson seconded approval of NPA revisions as developed by the technical committee. Members commented on the section and Figure 2C-13, and some edits were accepted. Wainwright moved and Fisher seconded an amendment to delete some content and one figure page. After discussion, the amendment was approved 25-13-0. After additional discussion, a vote was called on the section as revised, and failed 24-11-2.

Section 2C.49: RWSTC Chair Heydel presented the section. Heydel moved and Upchurch seconded approval of the section. After discussion, a vote was called on the section, and failed 1-32-3. A point of order was raised by Lambert, and Lambert moved and Wainwright seconded a motion to delete the section. After a brief discussion, a vote was called, and passed 34-1-2.

Section 2C.50: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-1-0.

Section 2C.59: RWSTC Chair Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee.

Bill Lambert, Vice-Chair of Programs, assumed the chair of the meeting at 2:56 PM EDT.

Section 2C.59 (continued): Members commented on the section's relationship to speed practice. Hawkins moved and Garbacz seconded an amendment to delete Support material on speed practice. Boudreau raised a point of order regarding the form of the amendment, which was resolved as the amendment was a formal amendment with a motion and second. Fisher suggested restoring the first sentence of the deleted section, but Katz raised a point of order objecting to the edit. Considerable discussion on the amendment ensued. A vote was called on the amendment, and failed 19-17-3. Wainwright moved and Cynecki seconded an amendment to delete Support material on speed practice, but retain the first sentence. After discussion, a vote was called on the amendment, and was approved 24-13-1. After additional discussion, a vote was called on the section as revised, and approved 35-1-1.

Gene Hawkins re-assumed the chair of the meeting at 3:12 PM EDT.

Section 2C.66: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 34-0-1.

Edit Committee

Edit Committee Chair Bill Lambert led a discussion on Section 1A.03. No motion was raised, and the Edit Committee will bring forward a recommendation for action at a subsequent session.

Regulatory and Warning Sign Technical Committee

Section 2C.47: Miller moved and Baxter seconded a motion for reconsideration on 2C.47. A vote was called, and passed 23-7-4. 2C.47 was restored to the table as originally proposed by RWSTC. Baxter moved and Miller seconded an amendment to delete wording referring to low-speed urban roadways. The amendment failed 18-18-1. After additional discussion, a Lambert moved and Katz seconded a motion to table the section, which passed 32-6-1.

Recess

The session was recessed at 3:57 PM EDT. Maximum session attendance for the day was estimated at 90.

General Session - Thursday, March 25, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:03 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy
AASHTO Neil Boudreau, Acting Chair ¹
Christina Bennett
Tim Crouch
Tom Honich
Bill Lambert
Erika Lindberg
Kerry NeSmith
Lee Roadifer
AHUA Jonathan Upchurch
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Monica Suter
AREMA Keane Malley
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark ²
HFR Bryan Katz ³

Sponsor Voting Members

IACP Rick Campbell
IBTTA Shannon Bonilla
IMSA Paul Ciupa
ITE Scott Wainwright, Acting Chair
Dongho Chang
Kathy Falk ⁴
John Fisher ⁵
Eagan Foster
Gene Hawkins
Marc Jacobson
Brent Ogden
ITS America Ed Bradley ⁶
LAB Rock Miller
NACE Lee Billingsley, Chair
Jeff Blue
Tim Haagsma
NACTO Katy Sawyer, Acting Chair
Elijah Ferrari
Dan Nabors
NSC Ryan Pietzsch

Honorary Members

Jim Pline

¹ replaced by Meg Pirkle after 3:00 PM EDT

² replaced by Eric Perry after 2:10 PM EDT

³ replaced by Sue Chrysler after 2:00 PM EDT

⁴ replaced by Mike Cynecki after 4:00 PM EDT

⁵ replaced by Ross Oyen after 4:00 PM EDT

⁶ arrived 3:20 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Railroad and Light Rail Transit Technical Committee

Section 8A.14: This section was originally presented at the January 2021 meeting, but tabled. RRLRT Chair Rick Campbell presented the section and modifications made following the January meeting. Campbell moved and Malley seconded approval. Roadifer moved and Lambert seconded an amendment to revise wording regarding gates and traffic control. The amendment was approved 38-0-0. A vote was called on the sections as amended, and approved 38-0-1.

Bicycle Technical Committee

Section 9B.01: BTC Chair Bill DeSantis presented the section. DeSantis moved and Miller seconded approval of NPA revisions as developed by the technical committee. Members commented on added Option material for bicycle movements at intersections. Fisher moved and Lambert seconded an amendment to revise the application of Option content. After discussion, the amendment failed 14-21-3. Honich moved and Bonilla seconded an amendment to delete the added Option content. The amendment was approved 29-10-1. DeSantis then moved and Bryson seconded an amendment to add a rephrased version of the originally-proposed Option content. After additional discussion, Campbell moved and Lambert seconded a motion to table the section, which passed 33-4-1.

Section 9B.12: BTC Chair DeSantis presented the section. DeSantis moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. Palumbo moved and Cox seconded an amendment to require an 8 foot separation between bus and curb for the condition shown in Figure 9B-4 example B. The amendment was approved 25-4-8. Bennett moved and Lambert seconded an amendment to delete an added Option omitting signs on separated facilities. The amendment was approved 25-11-0. Miller moved and Chang seconded an amendment to delete Figure 9B-4 example B. The amendment was approved 33-1-4. Lambert moved and Palumbo seconded an amendment to delete the earlier Palumbo amendment as the figure is deleted. The amendment was approved 37-0-1. A vote was called on the section as revised, and approved 34-0-1.

Section 9B.16: BTC Chair DeSantis presented the section. DeSantis moved and Chang seconded approval of NPA revisions as developed by the technical committee. A vote was called on the sections as revised, and approved 35-0-1.

Section 9B.18: BTC Chair DeSantis presented the section. DeSantis moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. Upchurch moved and Miller seconded an amendment to revise Support and Guidance. The amendment was approved 34-0-0. A vote was called on the section as revised, and approved 33-1-1. Upchurch stated he would like to revisit Figure 9B-6, but was ruled out of order as the figure was already approved. Fisher moved and Lambert seconded a motion to reconsider 9B.18. After discussion, a vote was called, and the motion for reconsideration failed 12-20-0.

Section 9B.16 reconsideration and 9B.17: Roadifer raised a point of order stating the material presented for 9B.16 earlier in the session included both Sections 9B.16 and 9B.17. A review confirmed the combination of 9B.16 and 9B.17 material in 9B.16 as presented. Chair Hawkins ruled 9B.17 as having been confirmed with 9B.16. Lambert raised a point of order stating that the formal motion only specified 9B.16. Hawkins restated his ruling. Lambert then moved and Roadifer seconded a motion to reconsider 9B.16, which passed 30-2-0. DeSantis moved and Miller seconded removing 9B.17 material from 9B.16 as presented. After discussion, a vote was called, and approved 33-0-0. 9B.17 material in the NPA is identical to prior Council action and will be addressed as a "direct to docket" comment.

Section 9B.19: BTC Chair DeSantis presented the section. DeSantis moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 33-0-0.

Section 9B.16 (continued): A point of order was raised from the audience that 9B.16 was not yet officially approved. A vote was called, and approved 34-0-1.

Section 9B.21: BTC Chair DeSantis presented the section. After it was noted that the material in this section was previously approved by Council and can be addressed by a “direct to docket” comment, it was withdrawn.

Section 9B.22: BTC Chair DeSantis presented the section. DeSantis moved and Chang seconded approval of NPA revisions as developed by the technical committee. Fisher moved and Miller seconded an amendment to delete content not approved by Signals TC. The amendment was approved 36-1-0. A vote was called on the section as revised, and approved 35-1-0.

Edit Committee

Section 1B.02: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Bennett seconded approval of NPA revisions as developed by the committee. After some discussion, a vote was called on the section as revised, and approved 35-0-0.

Section 1B.06: Edit Chair Lambert presented the section. Lambert moved and Roadifer seconded approval of NPA revisions as developed by the technical committee. Chang moved and Perry seconded an amendment to revise some Standard content to Guidance. After discussion, a vote was called and the amendment failed 15-20-1. Katz moved and Chang seconded an amendment to remove reference to control sites. A vote was called and the amendment was approved 29-8-0. Miller moved and Chang seconded a motion to table the section, which failed 18-18-1. A vote was called on the section as revised, and failed 26-7-2. Chair Hawkins requested Council members with comments on 1B.06 send that material to Bill Lambert for consideration by Edit Committee.

Recess

The session was recessed at 4:32 PM EDT. Maximum session attendance for the day was estimated at 84.

Electronic Ballot - Chapters 1B, 2K, 9A, 9B, 9C

An electronic ballot for approval of sections of Chapters 1B, 2K, 9A, 9B, and 9C was distributed to Council members and open for vote March 26-29, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 1B.01	39-1	Approved
Section 1B.03	32-8	Approved
Section 1B.04	40-0	Approved
Section 1B.05	40-0	Approved
Section 1B.07	39-1	Approved
Section 1B.08	32-8	Approved
Section 1B.09	36-4	Approved
Section 2K.01	38-2	Approved
Section 2K.02	39-1	Approved
Section 2K.04	40-0	Approved
Section 9A.03	40-0	Approved
Section 9B.03	38-2	Approved
Section 9B.10	38-2	Approved
Section 9B.11	40-0	Approved
Section 9B.15	38-2	Approved
Section 9C.06	37-3	Approved

Electronic Ballot - Chapters 1A, 2C, 3A, 3E, 3F, 3G, 3H, 6D, 6E

An electronic ballot for approval of sections of Chapters 1A, 2C, 3A, 3E, 3F, 3G, 3H, 6D, and 6E was distributed to Council members and open for vote April 1-5, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 1A.01	31-1	Approved
Section 1A.02	30-2	Approved
Section 1A.04	31-1	Approved
Section 2C.01	32-0	Approved
Section 2C.02	32-0	Approved
Section 2C.03	31-1	Approved
Section 2C.04	22-10	Discuss in General Session
Section 2C.09	31-1	Approved
Section 2C.11	32-0	Approved
Section 2C.14	31-1	Approved
Section 2C.15	32-0	Approved
Section 2C.18	27-5	Discuss in General Session
Section 2C.19	30-2	Approved
Section 2C.24	29-3	Approved
Section 2C.25	26-6	Discuss in General Session
Section 2C.26	32-0	Approved
Section 2C.28	32-0	Approved
Section 2C.30	32-0	Approved
Section 2C.34	32-0	Approved
Section 2C.35	32-0	Approved

Item	Vote	Result
Section 2C.41	32-0	Approved
Section 2C.42	31-1	Approved
Section 2C.44	32-0	Approved
Section 2C.45	31-1	Approved
Section 2C.46	32-0	Approved
Section 2C.48	32-0	Approved
Section 2C.51	32-0	Approved
Section 2C.52	32-0	Approved
Section 2C.54	32-0	Approved
Section 2C.57	32-0	Approved
Section 2C.58	32-0	Approved
Section 2C.60	32-0	Approved
Section 2C.64	32-0	Approved
Section 2C.65	32-0	Approved
Section 2C.69	32-0	Approved
Section 2C.71	32-0	Approved
Section 3A.04	27-5	Discuss in General Session
Section 3E.01	32-0	Approved
Section 3E.02	30-2	Approved
Section 3E.03	31-1	Approved
Section 3E.04	31-1	Approved
Section 3F.01	31-1	Approved
Section 3F.02	32-0	Approved
Section 3F.03	32-0	Approved
Section 3G.02	32-0	Approved
Section 3G.03	32-0	Approved
Section 3G.04	32-0	Approved
Section 3H.01	31-1	Approved
Section 3H.02	28-4	Approved
Section 3H.03	22-10	Discuss in General Session
Section 3H.04	32-0	Approved
Section 3H.05	32-0	Approved
Section 3H.06	28-4	Approved *
Section 3H.07	29-3	Approved *
Section 3H.08	32-0	Approved
Section 6D.02	29-3	Approved
Section 6D.03	31-1	Approved
Section 6D.05	32-0	Approved
Section 6D.06	28-4	Approved
Section 6E.04	31-1	Approved

* 3H.06 and 3H.07 were reconsidered at the April 8 General Session.

General Session - Tuesday, April 6, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor	Voting Members	Sponsor	Voting Members
AAA	Jeff Bagdade	IACP	Rick Campbell
AAR	Tony Bellamy	IBTTA	Tom Macchione
AASHTO	Meg Pirkle, Chair Neil Boudreau ¹ Bill Lambert Ryan Lancaster Kerry NeSmith Lee Roadifer Trey Tillander ² Dan Waddle ³	IMSA	Paul Ciupa
AHUA	Jonathan Upchurch	ITE	Steve Jewell, Chair Michael Cynecki Kathy Falk John Fisher Gene Hawkins Brent Ogden ⁶ Zoubir Ouadah Scott Wainwright
APBP	Peter Koonce	ITS America	Ed Bradley
APTA	Maurice Palumbo	LAB	Blair Tomten
APWA	Steve Oliver, Chair Bob Garbacz Monica Suter	NACE	Lee Billingsley, Chair Jeff Blue Tim Haagsma
AREMA	Cayela Wimberly ⁴	NACTO	Patrick Baxter, Chair Uyen Dang ⁷ Katy Sawyer
ARTBA	Susan Reiss	NSC	Ryan Pietzsch
ASCE	Robert Bryson		
ATSSA	Eric Perry ⁵		
HFR	Bryan Katz		

Honorary Members

Jim Pline

¹ replaced by Erika Lindeberg after 3:11 PM EDT

² replaced by Tim Crouch after 2:05 PM EDT

³ replaced by Tom Honich after 2:05 PM EDT

⁴ arrived 2:00 PM EDT

⁵ replaced by Donna Clark after 2:00 PM EDT

⁶ arrived 1:15 PM EDT

⁷ replaced by Mike Sallaberry after 4:20 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Opening Comments

Chair Hawkins noted that NCUTCD was 16 weeks into a 21 week process in responding to the NPA, and reminded the Council that the deadline for docket comments was 5 weeks from the coming Friday. The work is 40% complete, but many items remain. All content must be submitted by technical committees by May 3rd. Chair Hawkins also announced that the NCUTCD Executive Board had cancelled the membership portion of the June 2021 meeting,

scheduled to be held virtually, as the current NPA sessions will conclude only a few weeks prior to that meeting.

Council members requested an improved system for handling input during the review process. Members also discussed the significant numbers of comments submitted to the docket who are not supportive of the current MUTCD and NPA. Chair Hawkins encouraged members to submit their own comments supporting completing the NPA and proceeding to a new edition of the MUTCD, but cautioned members to phrase comments in a manner that would not be interpreted as speaking on behalf of NCUTCD. Members can state their NCUTCD affiliation, but clarify that any comments reflect their personal professional opinions.

Railroad and Light Rail Technical Committee

Section 8A.12: This section was tabled at the NCUTCD Council session on January 22. Campbell moved and Ogden seconded a motion to untable this section, which passed 36-1-1. Campbell moved and Bellamy seconded approval of NPA revisions as developed by the technical committee. Members commented on minimum advance distances called for in the section. After additional discussion, a vote was called on the section as revised, and approved 31-7-1.

Edit Committee

Section 1A.06: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Suter seconded approval of NPA revisions as developed by the technical committee. Members commented on the history, role, and future of the UVC. Ouadah moved and Koonce seconded an amendment to delete some Guidance text. After considerable discussion, a vote was called on the amendment and failed 11-28-0. A vote was called on the section as revised, and approved 28-7-1.

Section 1A.03: Lambert moved and Roadifer seconded deletion of the section in the NPA. A vote was called, and the motion passed 34-1-2.

Regulatory and Warning Sign Technical Committee

Section 2L.01: RWSTC Chair Tom Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. After suggested edits, a vote was called on the sections as revised, and approved 38-0-0.

Section 2L.02: RWSTC Chair Heydel presented the section. Heydel moved and Lambert seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Suter seconded an amendment to delete some Guidance text on messages. The amendment was approved 26-7-4. After additional discussion, a vote was called on the section as revised, and approved 35-2-0.

Section 2L.03: RWSTC Chair Heydel presented the section. Heydel moved and Boudreau seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Section 2L.04: RWSTC Chair Heydel presented the section. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. Roadifer moved and Fisher seconded an amendment to revise color references from “amber” to “yellow”. After some discussion and additional edits, the amendment was approved 36-1-1. Roadifer then moved and Chrysler seconded an amendment to delete added Guidance text. Chrysler then made and Palumbo seconded a motion to table the section, which passed 21-13-2.

Section 2L.05: RWSTC Chair Heydel presented the section. Heydel moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. Roadifer moved and Lambert seconded an amendment to revert the section to the original NPA content. The amendment was approved 33-2-0. After additional discussion and minor edits, a vote was called on the section as revised, and approved 38-0-0.

Section 2L.06: RWSTC Chair Heydel moved and Chrysler seconded deletion of the section in the NPA. A vote was called, and the motion passed 35-2-0.

Section 2L.07: RWSTC Chair Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 35-1-0.

Section 2L.08: RWSTC Chair Heydel presented the section. Heydel moved and Boudreau seconded approval of NPA revisions as developed by the technical committee. After minor edits, a vote was called on the section as revised, and approved 36-0-0.

Section 2L.09: RWSTC Chair Heydel presented the section. Heydel moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-1-0.

Bicycle Technical Committee

Section 9B.01: BTC Chair Bill DeSantis moved and Suter seconded a motion to untable this section. The motion passed 35-0-0. DeSantis moved and Baxter seconded approval of the section as revised. Lancaster moved and Suter seconded an amendment to delete added instances of the word “always”. The amendment was approved 34-2-2. Roadifer moved and Garbacz seconded an amendment to delete added Option material. The amendment was approved 24-10-3. A vote was called on the section as revised, and approved 34-4-1.

Section 9E.02: BTC Chair DeSantis presented the section. DeSantis moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. Lancaster moved and Roadifer seconded an amendment to relocate Option and Support material for clarity. Baxter moved and Suter seconded an amendment to delete Guidance on offset at intersections. Additional edits were offered and accepted. Suter moved and Ouadah seconded an amendment to revise Standard text on mixing zones to Guidance and relocate. The amendment was approved 36-0-1. Fisher moved and Baxter seconded an amendment to add Standard text on through bike movements in turn lanes. The amendment was approved 27-8-1. Fisher moved and Ouadah seconded an amendment to define a buffer width. After some discussion, a vote was called and the amendment failed 11-21-6. DeSantis moved and Upchurch seconded an amendment to delete some Support material. After discussion, a vote

was called and the amendment failed 18-19-1. A vote was called on the section as revised, and approved 38-0-0.

Section 9E.03: BTC Chair DeSantis presented the section. DeSantis moved and Baxter seconded approval of NPA revisions as developed by the technical committee. Baxter commented regarding a potential conflict with 3H.06. Lancaster moved and Lindeberg seconded an amendment to restore some deleted text. The amendment was approved 29-7-0. After additional discussion and minor edits, a vote was called on the section as revised, and approved 34-0-1.

Section 9E.05: BTC Chair DeSantis presented the section. DeSantis moved and Baxter seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 32-1-2.

Section 9E.06: BTC Chair DeSantis presented the section. DeSantis moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 40-0-0.

Section 9E.07: BTC Chair DeSantis presented the section. DeSantis moved and Baxter seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 38-0-1.

Section 9E.08: BTC Chair DeSantis presented the section. DeSantis moved and Suter seconded approval of NPA revisions as developed by the technical committee. Baxter moved and Suter seconded an amendment to allow opposite-direction parking. The amendment was approved 31-4-1. A vote was called on the section as revised, and approved 36-0-0.

Section 9E.09: BTC Chair DeSantis presented the section. DeSantis moved and Suter seconded approval of NPA revisions as developed by the technical committee. Baxter commented that this section may also conflict with 3H.06. A vote was called on the section as revised, and approved 31-1-0.

Chair Comments

Chair Hawkins reminded members that his directions and rulings are not intended to be personal, but to keep the meeting productive. Members can submit comments directly to the docket with wordsmithing or other editorial suggestions. NCUTCD expects to begin submitting comments to the docket by chapter in the next two weeks.

Recess

The session was recessed at 5:01 PM EDT. Maximum session attendance for the day was estimated at 85.

General Session - Thursday, April 8, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy
AASHTO Meg Pirkle, Chair
Neil Boudreau
Tim Crouch
Maysa Hanna
Tom Honich
Bill Lambert
Kerry NeSmith
Lee Roadifer
AHUA Paul Carlson ¹
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Richard Deal
Ralph Norwood ²
AREMA Cayela Wimberly
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz

Sponsor Voting Members

IACP Rick Campbell
IBTTA Tom Macchione
IMSA Paul Ciupa
ITE Steve Jewell, Chair
Michael Cynecki
Kathy Falk
John Fisher
Eagan Foster
Gene Hawkins
Brent Ogden
Zoubir Ouadah
ITS America Ed Bradley ³
LAB Blair Tomten
NACE Lee Billingsley, Chair
Jeff Blue
Tim Haagsma
NACTO Patrick Baxter, Chair
Uyen Dang
Katy Sawyer
NSC Ryan Pietzsch

Honorary Members

George Butzer

Jim Pline

¹ replaced by Jonathan Upchurch after 1:35 PM EDT

² arrived 2:35 PM EDT

³ arrived 3:00 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Markings Technical Committee

Sections 3H.03, 3H.06, and 3H.07: Baxter moved to reconsider approval of 3H.06 and 3H.07. This motion had been seconded by Miller and thirded by Koonce via e-mail prior to the session. Hawkins ruled the reconsideration motion in order. A vote was called, and the motion for reconsideration passed 37-1-0. Kratz (as acting MTC Chair) moved and Jewell seconded approval of 3H.03. Lambert moved and Ouadah seconded an amendment to delete restrictions on pictographs or symbols in decorated crosswalks. The amendment was approved 32-6-2. Baxter moved and Lambert seconded an amendment to delete a Standard paragraph referencing loitering in crosswalks. After some discussion, the amendment was approved 23-14-

0. Roadifer then moved and Lambert seconded an amendment to completely delete Section 3H.03. After discussion, a vote was called and the amendment failed 10-26-1. At 1:31 PM, the connection was lost with Mr. Kratz. Hawkins moved and Pirkle seconded a motion to table, which was approved 33-1-1.

Edit Committee

Section 1D.01: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-1-0.

Section 1D.04: Edit Committee Chair Lambert presented the section. Lambert moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-1-0.

Section 1D.05: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-1-1.

Section 1D.08: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Roadifer seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-1-1.

Section 1D.11: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Roadifer seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 38-1-0.

Markings Technical Committee

Connection was re-established with MTC Secretary Kratz.

Section 3H.03 (continued): Hawkins moved and Baxter seconded a motion to untable 3H.03. A vote was called and approved 34-0-1. Fisher moved and Ouadah seconded an amendment to restore the paragraph referencing loitering in crosswalks but as Guidance and to revise the following Standard paragraph to Guidance. After discussion, a vote was called on the sections as revised, and approved 22-13-0. Roadifer raised a point of order regarding the call for the vote, but was ruled out of order by Chair Hawkins. A vote was called on the section as revised, and approved 30-5-2.

Section 3H.06: MTC Secretary Kratz presented the section. Kratz moved and Ouadah seconded approval. Baxter moved and Cynecki seconded an amendment to add shared lane markings to the list of permitted uses. Baxter moved and Dang seconded an amendment to delete a Standard paragraph prohibiting green on some facilities. The amendment was approved 25-11-1. Baxter moved and Dang seconded an amendment to delete Standard text on marking patterns. The amendment was approved 24-10-2. Lambert moved and Ouadah seconded an amendment to delete Standard text prohibiting green in crosswalks. The amendment was approved 24-11-2. A vote was called on the section as revised, and approved 30-4-3.

Section 3H.07: MTC Secretary Kratz presented the section. Kratz moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. Baxter moved and Palumbo seconded an amendment to revise the Standard on red lane placement to Guidance. The amendment was approved 30-6-3. A vote was called on the section as revised, and approved 32-0-6.

Bicycle Technical Committee

Section 9E.10: BTC Chair Bill DeSantis presented the section. DeSantis moved and Baxter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-0-1.

Section 9E.11: BTC Chair DeSantis presented the section. Cynecki moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. Upchurch moved and Ouadah seconded an amendment to revise all instances of “queueing box” to “turn box”. The amendment was approved 34-1-1. A vote was called on the section as revised, and approved 36-0-1.

Section 9E.12: BTC Chair DeSantis presented the section. Cynecki moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. Fisher moved and Lambert seconded an amendment to require ped signal operation on recall under some conditions. The amendment was approved 27-5-5. Upchurch moved and Fisher seconded an amendment to delete unclear text. The amendment was approved 31-5-1. Ouadah moved and Lambert seconded an amendment to revise the earlier Fisher amendment. After discussion, the amendment was approved 32-3-1. Koonce moved and Baxter seconded an amendment to revise Standard material in the Fisher amendment to Guidance. This amendment failed 18-13-2. A vote was called on the section as revised, and approved 30-3-1.

Section 9E.13: BTC Chair DeSantis presented the section. Cynecki moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 32-0-1.

Section 9E.14: BTC Chair DeSantis presented the section. Cynecki moved and Blue seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-0-1.

Section 9E.17: BTC Chair DeSantis presented the section. Cynecki moved and Baxter seconded approval of the section. Roadifer moved and Deal seconded an amendment to revise wording on retroreflectivity. The amendment was approved 36-1-0. A vote was called on the section as revised, and approved 37-1-0.

Regulatory and Warning Sign Technical Committee

Section 2L.04: RWSTC Chair Tom Heydel moved and Blue seconded a motion to untable 2L.04. The motion was approved 29-0-1. Heydel presented the section. Heydel moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 33-0-2.

Section 2C.04: RWSTC Chair Heydel presented the section. Heydel moved and Haagsma seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 32-1-2.

Section 2C.18: RWSTC Chair Heydel presented the section. Heydel moved and Bryson seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Oliver seconded an amendment to add content and add another figure to address a potential conflict. The amendment was approved 34-0-2. A vote was called on the section as revised, and approved 36-0-1.

Section 2C.25: RWSTC Chair Heydel presented the section. Heydel moved and Bryson seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Chair Comments

Chair Hawkins reminded members that errors or omissions may occur during the review and approval process. Members can post to the docket to provide corrections.

Recess

The session was recessed at 3:50 PM EDT. Maximum session attendance for the day was estimated at 88.

Electronic Ballot - Chapters 6A, 6B, 7A, 7B, 7D, 9E

An electronic ballot for approval of sections of Chapters 6A, 6B, 7A, 7B, 7D, and 9E was distributed to Council members and open for vote April 7-14, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 6A.01	37-0	Approved
Section 6A.02	37-0	Approved
Section 6A.03	30-7	Approved
Section 6B.01	27-10	Discuss in General Session
Section 6B.04	37-0	Approved
Section 6B.05	37-0	Approved
Section 7A.01	37-0	Approved
Section 7A.02	35-2	Approved
Section 7B.01	36-1	Approved
Section 7B.02	36-1	Approved
Section 7B.03	37-0	Approved
Section 7B.05	30-7	Approved
Section 7B.06	28-9	Approved
Section 7D.02	36-1	Approved
Section 9E.01	28-9	Approved

Electronic Ballot - Chapters 1D, 2F, 2G, 2I, 2J, 2M, 2N, 3C, 3D

An electronic ballot for approval of sections of Chapters 1D, 2F, 2G, 2I, 2J, 2M, 2N, 3C, and 3D was distributed to Council members and open for vote April 14-19, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 1D.02	38-0	Approved
Section 1D.03	37-1	Approved
Section 1D.07	37-1	Approved
Section 1D.09	37-1	Approved
Section 1D.12	38-0	Approved
Section 2F.13	37-1	Approved
Section 2G.01	38-0	Approved
Section 2G.02	38-0	Approved
Section 2G.03	38-0	Approved
Section 2G.04	38-0	Approved
Section 2G.05	38-0	Approved
Section 2G.07	38-0	Approved
Section 2G.11	38-0	Approved
Section 2G.17	38-0	Approved
Section 2G.19	38-0	Approved
Section 2G.20	38-0	Approved
Section 2G.21	38-0	Approved
Section 2G.22	38-0	Approved
Section 2G.23	38-0	Approved
Section 2G.24	38-0	Approved

NCUTCD Council Meeting Summary

Spring 2021 (NPA)

Page 33 of 52

Item	Vote	Result
Section 2G.25	29-9	Approved *
Section 2G.26	38-0	Approved
Section 2I.02	38-0	Approved
Section 2I.03	38-0	Approved
Section 2I.04	38-0	Approved
Section 2I.08	38-0	Approved
Section 2I.09	38-0	Approved
Section 2I.10	38-0	Approved
Section 2I.11	38-0	Approved
Section 2I.12	38-0	Approved
Section 2I.13	38-0	Approved
Section 2I.14	38-0	Approved
Section 2I.15	37-0	Approved
Section 2J.01	29-8	Approved
Section 2J.02	34-3	Approved
Section 2J.03	35-2	Approved
Section 2J.04	37-0	Approved
Section 2J.05	37-0	Approved
Section 2J.06	36-1	Approved
Section 2J.07	37-0	Approved
Section 2J.08	37-0	Approved
Section 2J.09	37-0	Approved
Section 2J.10	37-0	Approved
Section 2J.11	37-0	Approved
Section 2J.12	37-0	Approved
Section 2M.01	27-10	Discuss in General Session
Section 2M.02	36-1	Approved
Section 2M.04	36-1	Approved
Section 2M.06	37-0	Approved
Section 2M.07	37-0	Approved
Section 2M.08	37-0	Approved
Section 2M.09	37-0	Approved
Section 2M.10	29-8	Approved
Section 2N.02	35-2	Approved
Section 2N.03	36-1	Approved
Section 2N.04	37-0	Approved
Section 2N.05	37-0	Approved
Section 2N.06	37-0	Approved
Section 2N.07	36-1	Approved
Section 2N.08	36-1	Approved
Section 2N.09	36-1	Approved
Section 3C.01	32-6	Approved
Section 3C.02	37-1	Approved
Section 3C.03	37-1	Approved
Section 3C.04	35-3	Approved
Section 3C.05	35-3	Approved

NCUTCD Council Meeting Summary

Spring 2021 (NPA)

Page 34 of 52

Item	Vote	Result
Section 3C.06	36-2	Approved
Section 3C.07	38-0	Approved
Section 3C.08	35-3	Approved
Section 3C.09	38-0	Approved
Section 3C.10	36-2	Approved
Section 3C.11	36-2	Approved
Section 3D.01	35-3	Approved
Section 3D.02	34-4	Approved
Section 3D.03	36-2	Approved
Section 3D.04	35-3	Approved
Section 3D.06	33-5	Approved
Section 3D.07	37-1	Approved

* 2G.25 was reconsidered in a later e-ballot.

General Session - Tuesday, April 20, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy
AASHTO Meg Pirkle, Chair
Christina Bennett
Tim Crouch
Maysa Hanna
Tom Honich
Bill Lambert
Kerry NeSmith ¹
Lee Roadifer
AHUA Jonathan Upchurch
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Monica Suter
AREMA (no representative)
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz

Sponsor Voting Members

IACP John Dinning ²
IBTTA Shannon Bonilla
IMSA (no representative)
ITE Steve Jewell, Chair
Dongho Chang
John Fisher
Eagan Foster
Gene Hawkins
Brent Ogden
Ross Oyen ³
Scott Wainwright
ITS America Ed Bradley
LAB Rock Miller
NACE Mark Nahra, Acting Chair
Jon Krieg
Gary Smart
NACTO Patrick Baxter, Chair
Uyen Dang
Elijah Ferrari
NSC Ryan Pietzsch

Honorary Members

Jim Pline

¹ replaced by Dan Waddle after 4:05 PM EDT

² temporarily reassigned from the AAR delegation

³ replaced by Zoubir Ouadah after 3:00 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Opening Comments

NCUTCD Chair Gene Hawkins stated that in his estimation the process is approximately “5/8 done” and that a high volume of material is under review. Executive Secretary Moeur will handle final formatting and docket submission, and docket comments will be posted on the NCUTCD website once sent to the docket. The first chapters should be sent and posted soon.

Edit Committee

Section 1B.06: Revisions to this NPA section was presented to Council on March 25, but did not pass. Edit Committee Chair Bill Lambert reintroduced the section with revisions. Lambert moved and Roadifer seconded approval of NPA revisions as developed by the technical committee. After some discussion, a vote was called on the section as revised, and approved 32-1-1.

Section 1D.13: This is a new section not included in the NPA but proposed by NCUTCD to address crashworthiness in the context of the MUTCD. Edit Committee Chair Lambert presented the section. Lambert moved and Dinning seconded approval the section. Members commented on the scope and applicability of the section. Hawkins moved and Fisher seconded an amendment to delete some terms in the first Standard and Support paragraphs. After extensive discussion, a vote was called on the amendment and failed 12-21-3. A vote was then called on the section as originally proposed, and approved 30-4-3.

Regulatory and Warning Sign Technical Committee

Section 2C.13: RWSTC Vice Chair Lee Roadifer presented the section. Roadifer moved and Bennett seconded approval of NPA revisions as developed by the technical committee. Suter moved and Oliver seconded an amendment to add Standard text on sign spacing. After some discussion, a vote was called and the amendment failed 0-32-1. Fisher moved and Suter seconded an amendment to revise text, but the amendment was withdrawn. Suter moved and Oliver seconded an amendment to add material on placement in the area of other signs. After discussion and minor edits, the amendment was approved 24-10-0. Crouch moved and Lambert seconded an amendment to delete some Option text. After discussion, a vote was called and the amendment failed 8-27-1. A vote was called on the section as revised, and approved 31-0-2.

Section 2C.47: RWSTC Vice Chair Roadifer moved and Upchurch seconded a motion to untable this section. The motion passed 35-0-0. Roadifer moved and Lambert seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 34-2-0.

Temporary Traffic Control Technical Committee

Section 6B.01: This section was originally presented in the April 7-14 e-ballot but moved to General Session. TTC Chair John Leonard presented the section. Leonard moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Krieg seconded an amendment to delete some Guidance text. The amendment was approved 25-7-1. A vote was called on the section as revised, and approved 32-0-0.

Edit Committee

Section 1B.08: Chair Hawkins stated that he had received e-mail requesting reconsideration of 1B.08. However, a suspension of the rules would be required to allow such a reconsideration. Koonce moved and Miller seconded a motion to suspend the rules to allow reconsideration. A vote was called, and failed 23-12-1. Chair Hawkins stated that this could be again brought before Council at a later time.

Guide and Motorist Information Sign Technical Committee

Section 2M.01: This was presented in the April 14-19 e-ballot but moved to General Session. GMITC Chair Tom Honich moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. After discussion and editing of terminology, a vote was called on the section as revised, and approved 28-6-1.

Section 2E.50: Jonathan Upchurch presented the section. Upchurch moved and Katz seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Bennett seconded an amendment to add Support text. The amendment was approved 34-0-1. A vote was called on the section as revised, and approved 35-0-0.

Section 2E.53: Upchurch presented the section. Upchurch moved and Dinning seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 33-0-0.

Section 2E.40: Upchurch presented the section. Upchurch moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 33-0-0.

Section 2E.42: Upchurch presented the section. Upchurch moved and Lambert seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 32-0-1.

Section 2E.22: Upchurch presented the section. Upchurch moved and Lambert seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Katz seconded an amendment to revise some Standard to Guidance. A vote was called on the amendment, which failed 4-27-3. A vote was called on the section as revised, and approved 31-0-1.

Section 2E.12 and Appendix A1: Upchurch presented the sections. Upchurch moved and Palumbo seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the sections as revised, and approved 29-2-2.

Chair Comments

NCUTCD is the only organization conducting a review of the NPA with this level of thoroughness. The current procedures are intended to “get it right” and to allow reconsideration where appropriate. NCUTCD follows appropriate meeting procedures.

Recess

The session was recessed at 5:02 PM EDT. Maximum session attendance for the day was estimated at 77.

General Session - Thursday, April 22, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:03 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy ¹
AASHTO Meg Pirkle, Chair
Cindy Cramer
Tim Crouch
Tom Honich
Ryan Lancaster
Bill Lambert
Kerry NeSmith
Lee Roadifer
AHUA Jonathan Upchurch
APBP Peter Koonce
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Ralph Norwood
AREMA (no representative)
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz

Sponsor Voting Members

IACP John Dinning ²
IBTTA Tom Macchione
IMSA (no representative)
ITE Steve Jewell, Chair
Ahmed Aburahmah
Kathy Falk
John Fisher
Eagan Foster
Marc Jacobson ³
Brent Ogden
Zoubir Ouadah
ITS America Ed Bradley
LAB Blair Tomten
NACE Mark Nahra, Acting Chair
Jon Krieg
Gary Smart
NACTO Patrick Baxter, Chair
Elijah Ferrari
Katy Sawyer
NSC Ryan Pietzsch

Honorary Members

Jim Pline

¹ arrived 1:25 PM EDT

² temporarily reassigned from the AAR delegation

³ replaced by Gene Hawkins after 1:53 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Opening Actions

NCUTCD Chair Gene Hawkins stated that NCUTCD's first docket comment on Chapter 2B was posted to the docket and will be on the website soon.

Bill Lambert, Vice-Chair of Programs, assumed the chair of the meeting at 1:06 PM EDT.

Baxter moved and Ouadah seconded a motion for a change to the rule to allow a motion to be reconsidered six weeks after its ballot, instead of the current one week, but not after the close of the NPA. A vote was called on the motion, and approved 28-8-0.

Edit Committee

Section 1B.08: Koonce moved and Baxter seconded a motion for reconsideration of this section. A vote was called, and failed 26-12-0.

Bicycle Technical Committee

Section 9D.12: BTC Chair Bill DeSantis presented the section. DeSantis moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After extensive discussion and acceptance of suggested edits, a vote was called on the section as revised, and approved 37-0-1.

Section 9D.13: BTC Chair DeSantis presented the section. DeSantis moved and Baxter seconded approval of NPA revisions as developed by the technical committee. After discussion and acceptance of suggested edits, a vote was called on the section as revised, and approved 38-0-0.

Gene Hawkins re-assumed the chair of the meeting at 1:53 PM EDT.

Edit Committee

Section 1B.08 (continued): Baxter objected to the chair not allowing discussion on the earlier vote on the motion for reconsideration. After discussion, Baxter moved and Tomten seconded a motion to rescind approval of 1B.08. Ouadah suggested revising the section, which the chair ruled out of order. After additional discussion, a vote was called, and failed 11-21-1.

Guide and Motorist Information Sign Technical Committee

Section 2E.41: Jonathan Upchurch presented the section. Upchurch moved and Dinning seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 33-0-0.

GMITC Chair Tom Honich noted a conflict between Sections 2B.67, 2E.53, and 2D.51. Honich moved to reconsider 2E.53. Chair Hawkins ruled that the conflicts were editorial in nature. No objection was raised by any Council member. The revisions to these sections for consistency will be implemented prior to submittal to the docket.

Chair Comments

The docket closes three weeks from tomorrow. There is much going on and Gene and Richard ask for the Council's understanding and patience as items are processed. Members should comment if they think an item has been overlooked or handled inappropriately. 73% of items have been acted on by Council, but only 8% has yet been sent to the docket.

Recess

The session was recessed at 2:28 PM EDT. Maximum session attendance for the day was estimated at 72.

Electronic Ballot - Chapters 2E, 3B, 6C, 6J, 6O, 6P, 9D

An electronic ballot for approval of sections of Chapters 2E, 3B, 6C, 6J, 6O, 6P, and 9D was distributed to Council members and open for vote April 22-27, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 2E.29	34-1	Approved
Section 2E.30	35-0	Approved
Section 2E.31	35-0	Approved
Section 2E.32	35-0	Approved
Section 2E.33	35-0	Approved
Section 2E.34	34-1	Approved
Section 2E.35	35-0	Approved
Section 2E.36	34-1	Approved
Section 2E.37	34-1	Approved
Section 2E.38	34-1	Approved
Section 2E.39	34-1	Approved
Section 2E.43	35-0	Approved
Section 2E.45	35-0	Approved
Section 2E.46	35-0	Approved
Section 2E.47	35-0	Approved
Section 2E.48	35-0	Approved
Section 2E.49	35-0	Approved
Section 2E.51	35-0	Approved
Section 2E.52	35-0	Approved
Section 2E.54	35-0	Approved
Section 2E.55	35-0	Approved
Section 2E.56	35-0	Approved
Section 2E.57	31-4	Approved
Section 3B.29	34-0	Approved
Section 3B.31	30-4	Approved
Section 6C.02	34-1	Approved
Section 6C.05	34-1	Approved
Section 6J.01	33-2	Approved
Section 6J.04	34-1	Approved
Section 6O.01	34-1	Approved
Section 6P.01	35-1	Approved
Figure 6P-7 Notes	35-0	Approved
Figure 6P-14 Notes	32-1	Approved
Figure 6P-22 Notes	35-1	Approved
Figure 6P-28 Notes	29-7	Approved
Figure 6P-29 Notes	28-8	Approved
Figure 6P-47	34-1	Approved
Figure 6P-47 Notes	34-1	Approved
Figure 6P-48	34-1	Approved
Figure 6P-50	32-1	Approved
Figure 6P-52	33-0	Approved
Figure 6P-52 Notes	33-0	Approved

Item	Vote	Result
Section 9D.01	28-7	Approved
Section 9D.02	29-6	Approved
Section 9D.03	34-1	Approved
Section 9D.04	33-2	Approved
Section 9D.05	35-0	Approved
Section 9D.06	34-1	Approved
Section 9D.09	35-0	Approved

Electronic Ballot - Section 2G.25 Reconsideration

An electronic ballot for a motion to reconsider Section 2G.25 was distributed to Council members and open for vote April 27-29, 2021. The motion was approved 30-5.

Electronic Ballot - Chapters 1C, 1D, 4E, 4F, 6F, 6G, 6H, 6K, 6L, 6M, 6N

An electronic ballot for approval of sections of Chapters 1C, 1D, 4E, 4F, 6F, 6G, 6H, 6K, 6L, 6M, and 6N was distributed to Council members and open for vote April 29 - May 3, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 1C.01	33-1	Approved
Section 1C.03	34-0	Approved
Section 1D.06	33-1	Approved
Section 1D.10	34-0	Approved
Section 4E.01	33-1	Approved
Section 4E.05	31-3	Approved
Section 4F.01	33-1	Approved
Section 4F.02	29-5	Approved
Section 4F.04	33-1	Approved
Section 4F.06	34-0	Approved
Section 4F.08	34-0	Approved
Section 4F.09	33-1	Approved
Section 4F.11	33-1	Approved
Section 4F.12	34-0	Approved
Section 4F.13	34-0	Approved
Section 4F.15	34-0	Approved
Section 4F.16	34-0	Approved
Section 4F.17	31-3	Approved
Section 4F.19	34-0	Approved
Section 6F.01	34-0	Approved
Section 6G.02	33-1	Approved
Table 6G-1	33-1	Approved
Figure 6G-1	33-1	Approved
Section 6G.07	31-2	Approved
Section 6G.10	33-1	Approved
Section 6G.11	34-0	Approved
Section 6G.12	34-0	Approved

NCUTCD Council Meeting Summary

Spring 2021 (NPA)

Page 42 of 52

Item	Vote	Result
Section 6H.01	33-1	Approved
Table 6H-1	33-1	Approved
Figure 6H-1	33-1	Approved
Section 6H.03	34-0	Approved
Section 6H.04	34-0	Approved
Section 6H.05	34-0	Approved
Section 6H.06	34-0	Approved
Section 6H.07	34-0	Approved
Section 6H.08	34-0	Approved
Section 6H.17 (new 6K.12)	34-0	Approved
Section 6H.24	34-0	Approved
Section 6H.25	34-0	Approved
Section 6H.33	34-0	Approved
Section 6H.38	34-0	Approved
Section 6K.01	33-1	Approved
Figure 6K-1	33-1	Approved
Section 6K.02	32-2	Approved
Figure 6K-2	32-2	Approved
Section 6K.07	34-0	Approved
Section 6K.09	34-0	Approved
Section 6K.12 (new 6K.13)	34-0	Approved
Section 6L.03	34-0	Approved
Section 6L.05	34-0	Approved
Section 6L.07	33-0	Approved
Section 6M.01	34-0	Approved
Section 6M.02	33-1	Approved
Section 6M.08	33-1	Approved
Section 6N.01	32-2	Approved
Section 6N.04	32-2	Approved
Section 6N.05	34-0	Approved
Section 6N.12	34-0	Approved
Section 6N.13	34-0	Approved
Section 6N.14	34-0	Approved
Section 6N.19	33-1	Approved

Electronic Ballot - Chapters 1C, 2D

An electronic ballot for approval of sections of Chapters 1C and 2D was distributed to Council members and open for vote April 29 - May 5, 2021. The results of the ballot are as follows:

Item	Vote	Result
Section 1C.02	32-2	Approved
Section 2D.01	33-1	Approved
Section 2D.08	34-0	Approved
Section 2D.09	33-1	Approved
Section 2D,10	34-0	Approved
Section 2D.11	33-1	Approved
Section 2D.12	34-0	Approved
Section 2D.17	34-0	Approved
Section 2D.26	34-0	Approved
Section 2D.28	34-0	Approved
Section 2D.29	29-5	Approved
Section 2D.31	34-0	Approved
Section 2D.34	34-0	Approved
Section 2D.35	34-0	Approved
Section 2D.36	34-0	Approved
Section 2D.38	34-0	Approved
Section 2D.39	33-1	Approved
Section 2D.40	34-0	Approved
Section 2D.41	32-2	Approved
Section 2D.46	34-0	Approved
Section 2D.47	34-0	Approved
Section 2D.49	34-0	Approved
Section 2D.53	34-0	Approved
Section 2D.54	34-0	Approved
Section 2D.55	32-2	Approved
Section 2D.56	33-1	Approved
Section 2D.57	33-1	Approved
Section 2D.58	33-1	Approved

General Session - Monday, May 3, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Daylight Time.

Attendance and Determination of Quorum

Sponsor Voting Members

AAA Jeff Bagdade
AAR Tony Bellamy
AASHTO Meg Pirkle, Chair
Christina Bennett
Neil Boudreau
Tim Crouch
Tom Honich
Erika Lindeberg ¹
Kerry NeSmith
Lee Roadifer
AHUA Jonathan Upchurch
APBP (no representative)
APTA Maurice Palumbo
APWA Steve Oliver, Chair
Bob Garbacz
Monica Suter
AREMA Adam Gerhardstein
ARTBA Tim Cox
ASCE Robert Bryson
ATSSA Donna Clark
HFR Bryan Katz

Sponsor Voting Members

IACP Rick Campbell
IBTTA Shannon Bonilla
IMSA (no representative)
ITE Steve Jewell, Chair
Michael Cynecki
Kathy Falk
John Fisher
Gene Hawkins
Brent Ogden
Zoubir Ouadah
Scott Wainwright
ITS America Ed Bradley
LAB Rock Miller
NACE Lee Billingsley, Chair
Jon Krieg
Mark Nahra
NACTO Patrick Baxter, Chair
Elijah Ferrari
Katy Sawyer
NSC Ryan Pietzsch

Honorary Members

Jim Pline

¹ replaced by Bill Lambert after 2:40 PM EDT

Executive Secretary Richard Moeur stated a quorum of voting members was present.

Opening Comments

NCUTCD Chair Gene Hawkins opened the meeting by noting the large amount of material to cover and requesting Council members to have amending content ready so as to minimize delay. The Executive Secretary sent in 18 chapters to the docket earlier today for a total of 28, but there is much work still to do.

Guide and Motorist Information Sign Technical Committee

Section 2G.25: A motion to reconsider this section passed via e-ballot on April 29. GMITC Chair Tom Honich moved and Bryson seconded a motion to approve the section as proposed in the NPA. Bonilla moved and Suter seconded an amendment to add a diagonal yellow arrow

indication. After extensive discussion, the amendment failed 7-26-4. Bonilla moved and Palumbo seconded an amendment to add a comment supporting the use of a steady diagonal yellow arrow indication. After discussion, the amendment failed 9-19-6. Bonilla asked the chair why Council was not supporting the amendments and was ruled out of order. Katz stated disagreement with the ruling. Katz moved and Palumbo seconded an amendment to add a comment suggesting added messaging for closures. After discussion, the amendment failed 17-13-6. A vote was called on the section as proposed, and approved 31-1-3.

Bicycle Technical Committee

Section 9D.08: BTC Chair Bill DeSantis presented the section. DeSantis moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. Upchurch recommended consistency with Chapter 2D. After discussion, a vote was called on the section as revised, and approved 34-0-0.

Guide and Motorist Information Sign Technical Committee

Section 2D.05: GMITC Chair Honich presented the section. Honich moved and Suter seconded approval of NPA revisions as developed by the technical committee. After discussion, a vote was called on the section as revised, and approved 37-1-0.

Section 2D.07: GMITC Chair Honich presented the section. Honich moved and Bennett seconded approval of NPA revisions as developed by the technical committee. Ferrari moved and Wainwright seconded an amendment to add "Av" as an acceptable abbreviation. The amendment was approved 34-2-1. After additional discussion, a vote was called on the section as revised, and approved 38-0-0.

Section 2D.37: GMITC Chair Honich presented the section. Honich moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 37-0-0.

Section 2D.45: GMITC Chair Honich presented the section. Honich moved and Bonilla seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 37-0-0.

Section 2D.51: GMITC Chair Honich presented the section. Honich moved and Katz seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-0-0.

Section 2D.59: GMITC Chair Honich presented the section. Honich moved and Bonilla seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Regulatory and Warning Sign Technical Committee

Figure 2C-6: RWSTC Chair Tom Heydel presented the section. Heydel moved and Garbacz seconded approval of NPA revisions as developed by the technical committee. After discussion and minor edits, a vote was called on the section as revised, and approved 37-0-0.

Signals Technical Committee

Section 4A.05: STC Chair John Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. Miller moved and Suter seconded an amendment to revise wording addressing steady bicycle green. The amendment was approved 34-1-1. Upchurch moved and Miller seconded an amendment to add a Standard referencing vehicular signals. After discussion, the amendment failed 16-18-3. A vote was called on the section as revised, and approved 36-0-1.

Section 4H.01: STC Chair Fisher presented the section. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. Miller moved and Suter seconded an amendment to Guidance text. The amendment was approved 31-2-5. Miller moved and Suter seconded an amendment to delete a portion of wording added by STC. The amendment was approved 27-6-4. A vote was called on the section as revised, and approved 36-0-0.

Section 4H.02: STC Chair Fisher presented the section. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Section 4H.03: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Section 4H.04: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. After minor edits, a vote was called on the section as revised, and approved 35-0-2.

Section 4H.05: STC Chair Fisher presented the section. Fisher moved and Jewell seconded approval of NPA revisions as developed by the technical committee. Miller moved and Suter seconded an amendment to change one Standard bullet to Option. The amendment was approved 37-0-0. A vote was called on the section as revised, and approved 37-0-0.

Section 4H.06: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-0-0.

Section 4H.07: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. After brief discussion, a vote was called on the section as revised, and approved 36-0-1.

Section 4H.08: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 34-1-1.

Section 4H.09: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-0-0.

Section 4H.10: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 36-0-1.

Section 4H.11: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 35-0-1.

Section 4H.12: STC Chair Fisher presented the section. Fisher moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 37-0-0.

Figure 4H-1: STC Chair Fisher presented the figure. Fisher moved and Suter seconded approval. After minor edits, a vote was called on the figure as revised, and approved 35-0-1.

Edit Committee

Section 1A.05: Edit Committee Chair Bill Lambert presented the section. Lambert moved and Upchurch seconded approval of NPA revisions as developed by the technical committee. Katz moved and Ouadah seconded an amendment to delete "Human Factors Systems" as a reference. The amendment was approved 37-0-0. Clark moved and Boudreau seconded an amendment to revise a reference to ANSI 207. The amendment was approved 29-1-5. Ogden moved and Ouadah seconded an amendment to revise one reference for rail preemption. The amendment was approved 28-1-6. Bryson moved and Jewell seconded an amendment to revise a reference to an IES publication. The amendment was approved 34-1-0. Upchurch moved and Boudreau seconded an amendment to revise the reference to the "AASHTO Transportation Glossary". The amendment was approved 35-0-0. Ferrari moved and Baxter seconded an amendment to revise an ADAAG reference. The amendment was approved 26-1-8. Suter moved and Ogden seconded an amendment to rescind deletion of an ITE reference on clearance intervals. The amendment failed 7-24-2. Ferrari moved and Cox seconded an amendment to add PROWAG as a reference. The amendment 11-22-3. A vote was called on the section as revised, and approved 34-0-2.

Section 1C.02: Edit Committee Chair Lambert presented the section, and noted that part of the section is being balloted electronically while other parts are for approval in this session. Lambert moved and Pirkle seconded approval of definitions included in this motion. Upchurch moved and Fisher seconded an amendment to revise one definition. The amendment was approved 34-0-1. After additional discussion, a vote was called on the material as revised, and approved 33-0-1.

Markings Technical Committee

Section 3B.09: MTC Chair Jody Colvin presented the section. Colvin moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 33-0-2.

Section 3A.04: This was presented in the April 1-5 e-ballot but moved to General Session. MTC Chair Colvin presented the section. Colvin moved and Nahra seconded approval of NPA

revisions as developed by the technical committee. Members commented on the potential impact of this section. Roadifer moved and Oliver seconded an amendment to revise line width wording to that in the 2009 MUTCD. Suter then requested additional Standard text be deleted, which Chair Hawkins ruled as part of the amendment. After extensive discussion, a vote was called on the amendment which failed 15-19-2. Suter moved and Roadifer seconded an amendment to revise with applications by facility type. This also saw extensive discussion. A vote was called on the amendment which failed 16-17-0. Hawkins moved and Nahra seconded a motion to postpone definitely until the Thursday May 6 session, which passed 35-0-0.

Recess

The session was recessed at 5:13 PM EDT. Maximum session attendance for the day was estimated at 88.

General Session - Thursday, May 6, 2021

Call to Order

NCUTCD Chair Gene Hawkins returned the virtual meeting to order at 1:00 PM Eastern Daylight Time. To minimize delay, attendance was tallied by the Executive Secretary electronically during the opening minutes of the meeting. A quorum was present at the start of session actions.

Attendance and Determination of Quorum

Sponsor	Voting Members	Sponsor	Voting Members
AAA	Michelle Schofner ¹	IACP	Rick Campbell
AAR	Tony Bellamy	IBTTA	Shannon Bonilla
AASHTO	Meg Pirkle, Chair Christina Bennett ² Neil Boudreau Tim Crouch John Hibbard ³ Ryan Lancaster Bill Lambert Lee Roadifer	IMSA	(no representative)
AHUA	Paul Carlson	ITE	Steve Jewell, Chair Kathy Falk John Fisher Eagan Foster Gene Hawkins Brent Ogden Zoubir Ouadah Ross Oyen
APBP	Peter Koonce	ITS America	Ed Bradley
APTA	Maurice Palumbo	LAB	Rock Miller
APWA	Steve Oliver, Chair Bob Garbacz Monica Suter	NACE	Lee Billingsley, Chair Tim Haagsma Mark Nahra
AREMA	Adam Gerhardstein	NACTO	Patrick Baxter, Chair Mike Sallaberry Katy Sawyer
ARTBA	Tim Cox	NSC	Ryan Pietzsch
ASCE	Robert Bryson		
ATSSA	Donna Clark		
HFR	Bryan Katz		

Honorary Members

Jim Pline

¹ temporarily appointed to the AAA delegation for this session

² replaced by James Sullivan after 3:02 PM EDT

³ replaced by Maysa Hanna after 2:25 PM EDT

Markings Technical Committee

Section 3A.04: This motion returned to the floor after the action to definitely postpone on May 3. MTC Chair Jody Colvin moved and Nahra seconded a motion to revert to the content approved by Council in January 2020 in proposal 19B-MKG-02. A vote was called on the section as revised, and approved 35-0-1.

Section 3B.25: MTC Chair Colvin presented the section. Colvin moved and Ouadah seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Baxter seconded an amendment to revise some Guidance text to Option. After discussion, the

amendment was approved 30-7-3. After additional discussion, Chair Hawkins invited Colvin to withdraw the motion, which she did.

Connected and Automated Vehicles Joint Task Force

CAVJTF Chair Paul Carlson began by giving an overview of the proposed new Part 5 and the task force's philosophy in addressing the Part.

Chapter 5A: CAVJTF Chair Carlson presented the chapter. Carlson moved and Suter seconded approval of NPA revisions as developed by the technical committee. A vote was called on the chapter as revised, and approved 34-4-0.

Sections 5B.01, 5B.02 (was 5B.01), 5B.03 (was 5B.02), 5B.04 (was 5B.03), and 5B.07 (was 5B.06): CAVJTF Chair Carlson presented the sections. Carlson noted that a new Section 5B.01 is proposed with general information, and the numbers all NPA sections are hereby increased by one. Carlson moved and Suter seconded approval of NPA revisions as developed by the technical committee. Baxter moved and Bellamy seconded an amendment to revise wording to delete Section 5B.04 (was 5B.03). After extensive discussion, the amendment failed 5-33-1. Suter requested an edit to wording in 5B.04 (was 5B.03), but Kratz raised a point of order in objection. Suter rephrased the edit which was accepted. A vote was called on the sections as revised, and approved 32-2-3.

Sections 5B.05 (was 5B.04) and 5B.06 (was 5B.05): CAVJTF Chair Carlson presented the sections. Carlson moved and Campbell seconded approval of NPA revisions as developed by the technical committee. After brief discussion, a vote was called on the sections as revised, and approved 33-1-4.

No action will be taken on Chapter 5C as there is no content to review in the NPA.

Miller raised a point of order objecting to the approval of 5B.07 (was 5B.06). Chair Hawkins ruled any motion for reconsideration would be deferred until all other scheduled business in the session was complete.

Temporary Traffic Control Technical Committee

Section 6M.05: This section was intended for approval in the April 29 - May 3 e-ballot, but inadvertently omitted from the ballot. TTC Chair John Leonard moved and Boudreau seconded approval of NPA revisions as developed by the technical committee. A vote was called on the section as revised, and approved 31-0-3.

Markings Technical Committee

Section 3B.25 (continued): MTC Chair Colvin moved and Suter seconded approval of NPA revisions as developed by the technical committee. Lambert moved and Suter seconded an amendment similar to the earlier amendment to the section, but withdrew it upon request by Roadifer. Roadifer moved and Lancaster seconded an amendment for multiple revisions to the section. After some discussion, the amendment was approved 31-4-2. A vote was called on the section as revised, and approved 33-3-1.

Bicycle Technical Committee

Section 9E.07: Sawyer moved, Miller seconded, and Koonce thirded a motion for reconsideration of this section. Roadifer raised a point of order regarding justification for reconsideration, and Chair Hawkins ruled the Council must vote on the reconsideration motion prior to addressing content. A vote was called on the motion, and approved 36-0-0. BTC Chair DeSantis presented a revised section that agreed with Chapter 4H. DeSantis moved and Miller seconded approval of the revised section. After discussion, a vote was called on the section as revised, and approved 34-0-1.

Section 5B.07 (was 5B.06): Miller moved, Baxter seconded, and Jewell thirded a motion for reconsideration of this section. A vote was called on the motion, and approved 22-9-5. Carlson moved and Suter seconded approval of the section. Miller moved and Baxter seconded an amendment to delete the section. After discussion, the amendment failed 9-25-3. A vote was called on the section, and approved 29-6-1.

Resolutions

Chair Hawkins moved and Carlson seconded a motion to recognize B. Ray Derr for many years of service to NCUTCD. Mr. Derr will be retiring from the National Academies later this year. After several comments in strong support, a vote was called on the resolution, and approved unanimously 37-0-0.

Final Comments

Lee Billingsley stated he had led NCUTCD NPA meetings in the past and thanked Executive Secretary Moeur, the technical committee chairs, and especially Chair Hawkins for a successful meeting.

Executive Secretary Moeur noted the number of hours needed to respond to the docket, handle meeting items, and thanked all the members of NCUTCD for their support and assistance. The final submittals to the docket should showcase the excellence of NCUTCD and its expertise.

Chair Hawkins thanked the members of NCUTCD for their attention and exceptionally hard work on reviewing and commenting on the NPA. The NPA meeting has been the equivalent of three years of typical meetings. NCUTCD is the only organization that has taken a position on every item in the NPA. The MUTCD and the NPA now has notable political implications, and many events occurred behind the scenes to react to these new challenges. NCUTCD and its leadership has had to change strategies and make decisions on behalf of the best interests of the committee, the traveling public, and the greater good. There is much work still to do, and NCUTCD intends to start work on the 12th Edition so NCUTCD is "ahead of the curve, or else not at the table". He reminded members that there will be no committee or Council sessions in June 2021. He thanked Executive Secretary Moeur for his work supporting NCUTCD and the NPA process.

Chair Hawkins led the group in a brief song to close the proceedings. Participation levels varied.

Adjournment

Chair Hawkins moved to adjourn the Spring 2021 Council meeting, which was seconded by approximately 31 members. The meeting was declared adjourned at 3:23 PM EDT. Maximum session attendance for the day was estimated at 83.

Post-Meeting Actions

A total of 85 chapter-level comment packages were submitted to the NPA docket by the May 14, 2021 deadline. A list of these submittals and links to content are in Appendix 2.

Respectfully submitted,

Richard C. Moeur, PE
Executive Secretary

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
1A.01	3	Introduction	Purpose of the MUTCD	04/05/21	E-Vote	31	1	
1A.02	4	1A.01	Traffic Control Devices - Definition	04/05/21	E-Vote	30	2	
1A.03	5	New	Target Road Users	04/06/21	Session	34	1	2
1A.04	6	New	Use of the MUTCD	04/05/21	E-Vote	31	1	
1A.05	7	1A.11	Relation to Other Publications	05/03/21	Session	34	0	2
1A.06	8	1A.02	Uniform Vehicle Code - Rules of the Road	04/06/21	Session	28	7	1
1B.01	9	Introduction	National Standard	03/29/21	E-Vote	39	1	
1B.02	10	Introduction, 1A.07	State Adoption and Conformance	03/25/21	Session	35	0	0
1B.03	11	1A.07, 1A.10	Compliance of Devices	03/29/21	E-Vote	32	8	
1B.04	12	1A.10	Issuance of Official Rulings Related to this Manual	03/29/21	E-Vote	40	0	
1B.05	12	1A.10	Official Interpretations	03/29/21	E-Vote	40	0	
1B.06	13	1A.10	Experimentation	04/20/21	Session	32	1	1
1B.07	12	1A.10	Changes to the MUTCD	03/29/21	E-Vote	39	1	
1B.08	14	1A.10	Interim Approval	03/29/21	E-Vote	32	8	
1B.09	15	1A.10	Requesting Official Interpretations, Changes to the MUTCD, or Interim Approvals	03/29/21	E-Vote	36	4	
1C.01	16	1A.11	Definitions of Headings Used in this Manual	05/03/21	E-Vote	33	1	
1C.02	17	1A.11	Definitions of Words and Phrases Used in this Manual	05/05/21	E-Vote	32	2	
1C.03	18	1A.14	Meanings of Acronyms and Abbreviations Used in this Manual	05/03/21	E-Vote	34	0	
1D.01	19	1A.02	Purpose and Principles of Traffic Control Devices	04/08/21	Session	36	1	0
1D.02	20	New	Traffic Control Device Characteristics and Activities	04/19/21	E-Vote	38	0	
1D.03		1A.06	Uniformity of Traffic Control Devices	04/19/21	E-Vote	37	1	
1D.04	21	1A.07, 1A.08	Responsibility and Authority for Traffic Control Devices	04/08/21	Session	37	1	0
1D.05	22	1A.09	Engineering Study and Engineering Judgment	04/08/21	Session	36	1	1
1D.06	23	1A.03	Design of Traffic Control Devices	05/03/21	E-Vote	33	1	
1D.07	24	1A.12	Color Code	04/19/21	E-Vote	37	1	
1D.08	25	Introduction	Public Domain, Copyrights, and Patents	04/08/21	Session	34	1	1
1D.09	26	1A.01	Advertising	04/19/21	E-Vote	37	1	
1D.10	27	1A.15	Abbreviations Used on Traffic Control Devices	05/03/21	E-Vote	34	0	
1D.11	28	1A.04	Placement and Operation of Traffic Control Devices	04/08/21	Session	38	1	0
1D.12		1A.05	Maintenance of Traffic Control Devices	04/19/21	E-Vote	38	0	
1D.13 (not in NPA)		New (from NCUTCD)	Crashworthiness of Traffic Control Devices and Other Roadside Appurtenances	04/20/21	Session	30	4	3
2A.01	29	2A.01	Function and Purpose of Signs	02/27/21	E-Vote	34	0	
2A.02	30	2A.03	Standardization of Application	DTD	DTD			
2A.03		2A.05	Classification of Signs	02/27/21	E-Vote	34	0	
2A.04	31	2A.06	Design of Signs	03/02/21	Session	37	0	1
2A.05	32	2A.09	Shapes	02/27/21	E-Vote	34	0	
2A.06		2A.10	Colors	03/02/21	Session	37	0	1
2A.07	33	2A.11	Dimensions	02/27/21	E-Vote	34	0	
2A.08	34	2A.13	Word Messages	03/22/21	E-Vote	36	1	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2A.09	35	2A.12	Symbols	02/27/21	E-Vote	33	1	
2A.10	36	2A.14	Sign Borders	02/27/21	E-Vote	34	0	
2A.11	37	2A.15	Enhanced Conspicuity for Standard Signs	02/27/21	E-Vote	34	0	
2A.12	38	2A.16	Standardization of Location	02/27/21	E-Vote	33	1	
2A.13		2A.17	Overhead Sign Installations	02/27/21	E-Vote	33	0	
2A.14	39	2A.18	Mounting Height	03/02/21	Session	37	0	1
2A.15	40	2A.19	Lateral Offset	03/02/21	Session	37	0	1
2A.16		2A.20	Orientation	02/27/21	E-Vote	33	0	
2A.17	41	2A.21	Posts and Mountings	02/27/21	E-Vote	34	0	
2A.18		2A.22	Maintenance	02/27/21	E-Vote	33	0	
2A.19	42	2A.04	Excessive Use of Signs	03/02/21	Session	37	0	1
2A.20	43	2A.07	Retroreflection and Illumination	03/02/21	Session	37	0	1
2A.21	44	2A.08	Maintaining Minimum Retroreflectivity	02/27/21	E-Vote	34	0	
2A.22	45	2A.23	Median Opening Treatments for Divided Highways	02/27/21	E-Vote	34	0	
2B.01	47	2B.01	Application of Regulatory Signs	03/02/21	Session	38	0	0
2B.02	48	2B.02	Design of Regulatory Signs	03/02/21	Session	38	0	0
2B.03	49	2B.03	Size of Regulatory Signs	03/02/21	Session	38	0	0
2B.04	51	2B.05	STOP Sign (R1-1) and ALL- WAY Plaque (R1-3P)	03/02/21	Session	38	0	0
2B.05	50	2B.08	YIELD Sign (R1-2)	03/02/21	Session	38	0	0
2B.06	52	2B.04	General Considerations	03/02/21	Session	35	0	2
2B.07	53	2B.04	Determining the Minor Road for Unsignalized Intersections	03/02/21	Session	35	0	2
2B.08	54	4B.04	Right-of-Way Intersection Control Considerations	03/02/21	Session	35	0	2
2B.09	55	New	No Intersection Control	03/02/21	Session	35	0	2
2B.10	56	2B.06, 2B.09	Yield Control	03/02/21	Session	35	0	2
2B.11	57	2B.06	Minor Road Stop Control	03/02/21	Session	35	0	2
2B.12	58	2B.07	All-Way Stop Control	03/02/21	Session	35	0	2
2B.13	59	New	All-Way Stop Control Warrant A: Crash Experience	03/02/21	Session	35	0	2
2B.14	60	New	All-Way Stop Control Warrant B: Sight Distance	03/02/21	Session	35	0	2
2B.15	61	New	All-Way Stop Control Warrant C: Transition to Signal Control or YIELD Control at a Roundabout	03/02/21	Session	35	0	2
2B.16	62	New	All-Way Stop Control Warrant D: 8-Hour Volume (Vehicle, Pedestrians, Bicycles)	03/02/21	Session	35	0	2
2B.17	63	New	All-Way Stop Control Warrant E: Other Factors	03/02/21	Session	35	0	2
2B.18	64	2B.10	STOP Sign or YIELD Sign Placement	03/02/21	Session	37	1	0
2B.19	65	2B.11	Yield Here To Pedestrians Signs and Stop Here For Pedestrians Signs (R1-5 Series)	03/02/21	Session	37	1	0
2B.20	66	2B.12	In-Street and Overhead Pedestrian and Trail Crossing Signs (R1-6 and R1-9 Series)	03/05/21	Session	35	1	2
2B.21	67	2B.13	Speed Limit Sign (R2-1)	03/04/21	Session	36	3	0
2B.22	68	2B.14	Vehicle Speed Limit Plaques (R2- 2P Series)	03/04/21	Session	37	0	1
2B.23		2B.15	Night Speed Limit Plaque (R2- 3P)	03/04/21	Session	37	0	1

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2B.24	69	2B.16	Minimum Speed Limit Plaque (R2-4P) and Combined Maximum and Minimum Speed Limits (R2-4a) Sign	03/04/21	Session	37	0	1
2B.25	70	2B.17	Higher Fines Signs and Plaque (R2-6P, R2-10, and R2-11)	03/04/21	Session	37	0	1
2B.26	71	2B.18	Movement Prohibition Signs (R3-1 through R3-4, R3-18, and R3-27)	03/22/21	E-Vote	35	2	
2B.27	72	2B.19	Intersection Lane Control Signs (R3-5 through R3-8)	03/04/21	Session	33	0	0
2B.28	73	2B.20	Mandatory Movement Lane Control Signs (R3-5, R3-5a, R3-7, R3-19 Series, and R3-20)	03/04/21	Session	33	0	0
2B.29	74	2B.21	Optional Movement Lane Control Sign (R3-6 Series)	03/04/21	Session	33	0	0
2B.30	75	2B.22	Advance Intersection Lane Control Signs (R3-8 Series)	03/22/21	E-Vote	29	7	
2B.31	76	2B.23	RIGHT (LEFT) LANE MUST EXIT Signs (R3-33, R3-33a)	03/04/21	Session	34	0	0
2B.32		2B.24	Two-Way Left Turn Only Signs (R3-9a, R3-9b)	DTD	DTD			
2B.33	77	2B.25	BEGIN and END Plaques (R3-9cP, R3-9dP)	03/04/21	Session	34	0	0
2B.34	78	2B.26	Reversible Lane Control Signs (R3-9e through R3-9i)	03/04/21	Session	34	0	1
2B.35		2B.27	Jughandle Signs (R3-23, R3-24, R3-25, and R3-26 Series)	03/04/21	Session	34	0	1
2B.36		2B.28	DO NOT PASS Sign (R4-1)	03/04/21	Session	34	0	0
2B.37		2B.29	PASS WITH CARE Sign (R4-2)	03/04/21	Session	34	0	0
2B.38	79	2B.30	KEEP RIGHT EXCEPT TO PASS Sign (R4-16) and SLOWER TRAFFIC KEEP RIGHT Sign (R4-3)	03/04/21	Session	34	0	0
2B.39		2B.31	TRUCKS USE RIGHT LANE Sign (R4-5)	03/04/21	Session	34	0	0
2B.40	80	2B.32	Keep Right and Keep Left Signs (R4-7 Series, R4-8 Series)	03/05/21	Session	35	0	1
2B.41		2B.33	STAY IN LANE Sign (R4-9)	DTD	DTD			
2B.42		2B.34	RUNAWAY VEHICLES ONLY Sign (R4-10)	DTD	DTD			
2B.43		2B.35	Slow Vehicle Turn-Out Signs (R4-12, R4-13, and R4-14)	DTD	DTD			
2B.44		2B.36	DO NOT DRIVE ON SHOULDER Sign (R4-17) and DO NOT PASS ON SHOULDER Sign (R4-18)	03/05/21	Session	37	0	0
2B.45	81	New	ALL TRAFFIC Sign (R4-20) and RIGHT (LEFT) TURN ONLY Sign (R4-21)	03/05/21	Session	37	0	1
2B.46	82	2B.39	Selective Exclusion Signs	03/22/21	E-Vote	37	0	
2B.47	84	2B.37	DO NOT ENTER Sign (R5-1)	DTD	DTD			
2B.48	85	2B.38	WRONG WAY Sign (R5-1a)	DTD	DTD			
2B.49	86	2B.41	Wrong-Way Traffic Control at Interchange Ramps	03/05/21	Session	37	1	0
2B.50	87	2B.40	ONE WAY Signs (R6-1, R6-2)	DTD	DTD			
2B.51	88	2B.42	Divided Highway Crossing Signs (R6-3, R6-3a)	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2B.52	89, 90, 91, 92	2B.44	Roundabout Circulation Plaque (R6-5P)	03/05/21	Session	36	0	0
2B.53	93	2B.46	Parking, Standing, and Stopping Signs (R7 and R8 Series)	03/22/21	E-Vote	35	2	
2B.54	94	2B.47	Design of Parking, Standing, and Stopping Signs	03/22/21	E-Vote	35	2	
2B.55	95	2B.48	Placement of Parking, Stopping, and Standing Signs	03/22/21	E-Vote	36	1	
2B.56	96	2B.49	Emergency Restriction Signs (R8-4, R8-7, R8-8)	03/22/21	E-Vote	37	0	
2B.57	97	2B.50	WALK ON LEFT FACING TRAFFIC and No Hitchhiking Signs (R9-1, R9-4, R9-4a)	03/22/21	E-Vote	36	1	
2B.58	98	2B.51	Pedestrian Crossing Signs (R9-2, R9-3)	03/22/21	E-Vote	36	0	
2B.59		2B.52	Traffic Signal Pedestrian and Bicycle Actuation Signs (R10-1 through R10-4, 36 and R10-24 through R10-26)	03/22/21	E-Vote	33	4	
2B.60	99	2B.53	Traffic Signal Signs (R10-5 through R10-30)	03/22/21	E-Vote	33	4	
2B.61	100	2B.54	No Turn on Red Signs (R10-11 Series, R10-17a, and R10-30)	DTD	DTD			
2B.62	101	2B.55	Photo Enforced Signs and Plaques (R10-18, R10-19P, R10-19aP, R10-18a)	03/22/21	E-Vote	37	0	
2B.63		2B.56	Ramp Metering Signs (R10-28 and R10-29)	DTD	DTD			
2B.64		2B.57	KEEP OFF MEDIAN Sign (R11-1)	DTD	DTD			
2B.65		2B.58	ROAD CLOSED Sign (R11-2) and LOCAL TRAFFIC ONLY Signs (R11-3 Series, R11-4)	DTD	DTD			
2B.66	102	2B.59	Weight Limit Signs (R12-1 through R12-7)	03/22/21	E-Vote	35	2	
2B.67	103	2B.60	Vehicle Inspection Area Signs (R13-1 Series)	03/22/21	E-Vote	33	4	
2B.68	104	2B.61	TRUCK ROUTE Sign (R14-1)	03/22/21	E-Vote	36	1	
2B.69		2B.62	Hazardous Material Signs (R14-2, R14-3)	DTD	DTD			
2B.70		2B.63	National Network Signs (R14-4, R14-5)	DTD	DTD			
2B.71	106	2B.65	MINOR CRASHES MOVE VEHICLES FROM TRAVEL LANES (R16-4) Sign	03/22/21	E-Vote	36	1	
2B.72	105	New	Move Over or Reduce Speed Sign	03/22/21	E-Vote	37	0	
2B.73	107	New	No Hand-Held Phones by Driver Signs (R16-15, R16-15a)	03/22/21	E-Vote	37	0	
2B.74		2B.64	Headlight Use Signs (R16-5 through R16-11)	DTD	DTD			
2B.75		2B.66	Seat Belt Symbol	03/22/21	E-Vote	35	1	
2B.76		2B.67	Barricades	DTD	DTD			
2B.77	108	2B.68	Gates	DTD	DTD			
2C.01	111	2C.02	Function and Application of Warning Signs	04/05/21	E-Vote	32	0	
2C.02	112	2C.03	Design of Warning Signs	04/05/21	E-Vote	32	0	
2C.03	113	2C.04	Size of Warning Signs	04/05/21	E-Vote	31	1	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2C.04	114	2C.05	Placement of Warning Signs	04/08/21	Session	32	1	2
2C.05	115	2C.06	Horizontal Alignment Warning Signs - General	DTD	DTD			
2C.06	116	New	Device Selection for Changes in Horizontal Alignment	03/23/21	Session	38	1	1
2C.07	117	2C.07	Horizontal Alignment Signs (W1- 1 through W1-5, W1-11, W1-15)	03/23/21	Session	39	0	0
2C.08	118	2C.09	Chevron Alignment Sign (W1-8)	DTD	DTD			
2C.09		2C.11	Combination Horizontal Alignment/Intersection Signs (W1-10 Series)	04/05/21	E-Vote	31	1	
2C.10	120	2C.12	One-Direction Large Arrow Sign (W1-6)	03/23/21	Session	37	1	0
2C.11	121	2C.13	Truck Rollover Sign (W1-13)	04/05/21	E-Vote	32	0	
2C.12	122	2C.14	Advisory Exit and Ramp Speed Signs (W13-2 and W13-3) and Combination Horizontal Alignment/Advisory Exit and Ramp Speed Signs (W13-6 through W13-11)	03/23/21	Session	37	0	1
2C.13	123	New	Vehicle Speed Feedback Sign	04/20/21	Session	31	0	2
2C.14	124	2C.16	Hill Signs (W7-1, W7-1a)	04/05/21	E-Vote	31	1	
2C.15		2C.17	Truck Escape Ramp Signs (W7- 4 Series)	04/05/21	E-Vote	32	0	
2C.16	125	2C.18	HILL BLOCKS VIEW Sign (W7- 6)	DTD	DTD			
2C.17		2C.19	ROAD NARROWS Sign (W5-1)	DTD	DTD			
2C.18	126	2C.20	NARROW BRIDGE and NARROW UNDERPASS Signs (W5-2, W5-2a)	04/08/21	Session	36	0	1
2C.19		2C.21	ONE LANE BRIDGE and ONE LANE UNDERPASS Signs (W5- 3, W5-3a)	04/05/21	E-Vote	30	2	
2C.20		2C.22	Divided Highway Sign (W6-1)	DTD	DTD			
2C.21		2C.23	Divided Highway Ends Sign (W6- 2)	DTD	DTD			
2C.22		2C.24	Freeway or Expressway Ends Signs (W19 Series)	DTD	DTD			
2C.23		2C.25	Double Arrow Sign (W12-1)	DTD	DTD			
2C.24	127	2C.26	DEAD END/, NO OUTLET, and ROAD ENDS Signs (W14-1, W14-1a, W14-2, W14-2a, W8- 26, W8-26a)	04/05/21	E-Vote	29	3	
2C.25	128	2C.27	Low Clearance Signs (W12-2, and W12-2a, W12-2b)	04/08/21	Session	37	0	0
2C.26	129	2C.28	BUMP and DIP Signs (W8-1, W8- 2)	04/05/21	E-Vote	32	0	
2C.27		2C.29	SPEED HUMP Sign (W17-1)	DTD	DTD			
2C.28	130	2C.39	DRAW BRIDGE Sign (W3-6)	04/05/21	E-Vote	32	0	
2C.29		2C.30	PAVEMENT ENDS Sign (W8-3)	DTD	DTD			
2C.30	131	2C.31	Shoulder Signs (W8-4, W8-9, W8-17, W8-23, W8-25)	04/05/21	E-Vote	32	0	
2C.31		2C.32	Surface Condition Signs (W8-5, W8-7, W8-8, W8-11, W8-13, and W8-14)	DTD	DTD			
2C.32		2C.33	Warning Signs and Plaques for Motorcyclists (W8-15, W8-15P, and W8-16)	DTD	DTD			
2C.33		2C.34	NO CENTER LINE Sign (W8-12)	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2C.34	132	New	NO TRAFFIC SIGNS Sign (W18-1)	04/05/21	E-Vote	32	0	
2C.35	133	2C.35	Weather Condition Signs (W8-18, W8-19, W8-21, and W8-22)	04/05/21	E-Vote	32	0	
2C.36	134	2C.36	Advance TrafficControl Signs (W3-1, W3-2, W3-3, W3-4)	DTD	DTD			
2C.37	135	New	Actuated Advance Intersection Signs (W2-10 through W2-12)	03/23/21	Session	37	0	0
2C.38		2C.37	Advance Ramp Control Signal Signs (W3-7 and W3-8)	DTD	DTD			
2C.39	136	2C.52	NEW TRAFFICPATTERN and SIGNAL OPERATION AHEAD Signs (W23-2, W23-2a)	03/23/21	Session	39	0	0
2C.40	137	2C.38	Reduced Speed Limit Ahead Signs (W3-5, W3-5a, W3-5b, W3-5c)	03/23/21	Session	29	7	1
2C.41	138	New	WATCH FOR STOPPED TRAFFIC Sign (W23-3)	04/05/21	E-Vote	32	0	
2C.42	139	2C.46	Intersection Warning Signs (W2-1 through W2-8)	04/05/21	E-Vote	31	1	
2C.43	140	2C.47	Two-Direction Large Arrow Sign (W1-7)	DTD	DTD			
2C.44	141	2C.48	Traffic Signal Oncoming Extended Green Signs (W25-1, W25-2)	04/05/21	E-Vote	32	0	
2C.45	142	2C.40	Merge Signs (W4-1, W4-5)	04/05/21	E-Vote	31	1	
2C.46	143	2C.41	Added Lane Signs (W4-3, W4-6)	04/05/21	E-Vote	32	0	
2C.47	144	2C.42	Lane Ends Signs (W4-2, W9-1)	04/20/21	Session	34	2	0
2C.48	145	New	Lanes Merge Signs (W9-4, W4-8)	04/05/21	E-Vote	32	0	
2C.49	146	New	HEAVY MERGE FROM LEFT (RIGHT) Sign (W4-7)	03/23/21	Session	34	1	2
2C.50	147	2C.43	RIGHT (LEFT) LANE FOR EXIT ONLY Sign (W9-7)	03/23/21	Session	36	1	0
2C.51		2C.44	Two-Way Traffic Sign (W6-3)	04/05/21	E-Vote	32	0	
2C.52	148	New	Two-Way Traffic on a Three-Lane Roadway Sign (W6-5, W6-5a)	04/05/21	E-Vote	32	0	
2C.53		2C.45	NO PASSING ZONE Sign (W14-3)	DTD	DTD			
2C.54	149	2C.49	Vehicular Traffic Warning Signs (W8-6, W11-1, W11-5, W11-5a, W11-8, W11-10, W11-11, W11-12P, W11-14, W11-15, and W11-15a)	04/05/21	E-Vote	32	0	
2C.55		2C.50	Non-Vehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9, and W11-16 through W11-22)	DTD	DTD			
2C.56		2C.51	Playground Sign (W15-1)	DTD	DTD			
2C.57		2C.53	Use of Supplemental Warning Plaques	04/05/21	E-Vote	32	0	
2C.58		2C.54	Design of Supplemental Warning Plaques	04/05/21	E-Vote	32	0	
2C.59	150	2C.08	Advisory Speed Plaque (W13-1P) and Confirmation Advisory Speed Plaque (W13-1aP)	03/23/21	Session	35	1	1
2C.60	151	2C.62	NEW Plaque (W16-15P)	04/05/21	E-Vote	32	0	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2C.61		2C.55	Distance Plaques (W16-2 Series, W16-3 Series, W16-4P, W7-3aP)	DTD	DTD			
2C.62		2C.56	Supplemental Arrow Plaques (W16-5P, W16-6P)	DTD	DTD			
2C.63		2C.57	Hill-Related Plaques (W7-2 Series, W7-3 Series)	DTD	DTD			
2C.64		2C.58	Advance Street Name Plaque (W16-8P, W16-8aP)	04/05/21	E-Vote	32	0	
2C.65		2C.59	CROSS TRAFFIC DOES NOT STOP Plaque (W4-4P)	04/05/21	E-Vote	32	0	
2C.66	152	New	IN ROAD and IN STREET Plaques (W16-1P, W16-1aP)	03/23/21	Session	34	0	1
2C.67	153	New	Except Bicycles Plaque (W16-20P)	DTD	DTD			
2C.68		2C.61	Photo Enforced Plaque (W16-10P)	DTD	DTD			
2C.69		2C.63	Object Marker Design and Placement Height	04/05/21	E-Vote	32	0	
2C.70		2C.64	Object Markers for Obstructions Within the Roadway	DTD	DTD			
2C.71	154	2C.65	Object Markers for Obstructions Adjacent to the Roadway	04/05/21	E-Vote	32	0	
2C.72		2C.66	Object Markers for Ends of Roadways	DTD	DTD			
2D.01	155	2D.01, 2D.02	Scope of Conventional Road Guide Sign Standards and Application	05/05/21	E-Vote	33	1	
2D.02		2D.03	Color, Retroreflection, and Illumination	DTD	DTD			
2D.03		2D.04	Size of Signs	DTD	DTD			
2D.04		2D.05	Lettering Style	DTD	DTD			
2D.05	156	2D.06	Size of Lettering	05/03/21	Session	37	1	0
2D.06		2D.07	Amount of Legend	DTD	DTD			
2D.07	157	2E.17	Abbreviations	05/03/21	Session	38	0	0
2D.08	158	2D.08	Arrows	05/05/21	E-Vote	34	0	
2D.09	159	2D.09	Numbered Highway Systems	05/05/21	E-Vote	33	1	
2D.10		2D.10	Route Signs and Auxiliary Plaques	05/05/21	E-Vote	34	0	
2D.11	160	2D.11	Design of Route Signs	05/05/21	E-Vote	33	1	
2D.12	161	2D.12	Design of Route Sign Auxiliary Plaques	05/05/21	E-Vote	34	0	
2D.13		2D.13	Junction Auxiliary Plaque (M2-1P)	DTD	DTD			
2D.14		2D.14	Combination Junction Sign (M2-2)	DTD	DTD			
2D.15		2D.15	Cardinal Direction Auxiliary Plaques (M3-1P through M3-4P)	DTD	DTD			
2D.16	162	2D.16	Auxiliary Plaque for Alternative Routes (M4-1P through M4-4P)	DTD	DTD			
2D.17	163	2D.17	ALTERNATE Auxiliary Plaques (M4-1P, M4-1aP)	05/05/21	E-Vote	34	0	
2D.18		2D.18	BY-PASS Auxiliary Plaque (M4-2P)	DTD	DTD			
2D.19		2D.19	BUSINESS Auxiliary Plaque (M4-3P)	DTD	DTD			
2D.20		2D.20	TRUCK Auxiliary Plaque (M4-4P)	DTD	DTD			
2D.21		2D.21	TO Auxiliary Plaque (M4-5P)	DTD	DTD			
2D.22		2D.22	END Auxiliary Plaque (M4-6P)	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2D.23		2D.23	BEGIN Auxiliary Plaque (M4-14P)	DTD	DTD			
2D.24		2D.24	TEMPORARY Auxiliary Plaques (M4-7P, M4-7aP)	DTD	DTD			
2D.25		2D.25	Temporary Detour Signs and Auxiliary Plaques	DTD	DTD			
2D.26		2D.26	Advance Turn Arrow Auxiliary Plaques (M5-1P, M5-2P, M5-3P)	05/05/21	E-Vote	34	0	
2D.27		2D.27	Lane Designation Auxiliary Plaques (M5-4P, M5-5P, M5-6P)	DTD	DTD			
2D.28		2D.28	Directional Arrow Auxiliary Plaques (M6 Series)	05/05/21	E-Vote	34	0	
2D.29	164	2D.29	Route Sign Assemblies	05/05/21	E-Vote	29	5	
2D.30		2D.30	Junction Assembly	DTD	DTD			
2D.31		2D.31	Advance Route Turn Assembly	05/05/21	E-Vote	34	0	
2D.32		2D.32	Directional Assembly	DTD	DTD			
2D.33		2D.34	Confirming or Reassurance Assemblies	DTD	DTD			
2D.34	165	2D.35	Trailblazer Assembly	05/05/21	E-Vote	34	0	
2D.35	166	2D.36	Destination and Distance Signs	05/05/21	E-Vote	34	0	
2D.36	167	2D.37	Destination Signs (D1 Series)	05/05/21	E-Vote	34	0	
2D.37	168	New	Overhead Arrow-Per-Lane Destination Guide Signs	05/03/21	Session	37	0	0
2D.38		2D.33	Combination Lane-Use/Destination Overhead Guide Sign (D15-1)	05/05/21	E-Vote	33	1	
2D.39		2D.38	Destination Signs at Circular Intersections	05/05/21	E-Vote	34	0	
2D.40	169	2D.39	Destination Signs at Jughandles	05/05/21	E-Vote	34	0	
2D.41		New	Destination Signs at Intersections with Indirect Turning Movements	05/05/21	E-Vote	32	2	
2D.42	170	2D.40	Location of Destination Signs	DTD	DTD			
2D.43	171	2D.41	Distance Signs (D2 Series)	DTD	DTD			
2D.44		2D.42	Location of Distance Signs	DTD	DTD			
2D.45	172	2D.43	Street Name Signs (D3-1, D3-1a)	05/03/21	Session	37	0	0
2D.46	173	2D.44	Advance Street Name Signs (D3-2 Series)	05/05/21	E-Vote	34	0	
2D.47	174	2D.47	Parking Area Guide Sign (D4-1)	05/05/21	E-Vote	34	0	
2D.48		2D.48	PARK - RIDE Sign (D4-2)	DTD	DTD			
2D.49	175	2D.45	Signing on Conventional Roads on Approaches to Interchanges	05/05/21	E-Vote	34	0	
2D.50		2D.46	Freeway Entrance Signs (D13-3, D13-3a)	DTD	DTD			
2D.51	176	2D.49	WEIGH STATION Signing (D8 Series)	05/03/21	Session	36	0	0
2D.52	177	2D.54	Crossover Signs (D13-1, D13-2)	DTD	DTD			
2D.53	178	2D.51	Truck and Passing Lane Signs (D17-1, D17-2, D17-3, D17-4)	05/05/21	E-Vote	34	0	
2D.54	179	2D.52	Emergency and Slow Vehicle Turn-Out Signs (D17-5 through D17-7)	05/05/21	E-Vote	34	0	
2D.55	180	2D.50	Community Wayfinding Signs	05/05/21	E-Vote	32	2	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2D.56	181	2D.53	Signing of Named Highways for Mapping and Address Purposes	05/05/21	E-Vote	33	1	
2D.57	182	2D.55, 2H.07	National Scenic Byways Sign and Plaque (D6-4, D6-4aP)	05/05/21	E-Vote	33	1	
2D.58	183	New	State-Designated Scenic Byway, Historic Trail, and Auto Tour Route Signs	05/05/21	E-Vote	33	1	
2D.59	184	New	EMERGENCY ROUTE and EMERGENCY ROUTE TO Signs and Plaques	05/03/21	Session	37	0	0
2E.01	186	2E.01	Scope of Freeway and Expressway Guide Sign Standards	04/27/21	E-Vote	35	0	
2E.02		2E.02	Freeway and Expressway Signing Principles	DTD	DTD			
2E.03		2E.03	Guide Sign Classification	04/27/21	E-Vote	35	0	
2E.04		2E.07	Characteristics of Urban Signing	DTD	DTD			
2E.05		2E.08	Characteristics of Rural Signing	DTD	DTD			
2E.06	187	2E.09	Signing of Named Highways	04/27/21	E-Vote	35	0	
2E.07	188	2E.13	Designation of Destinations	04/27/21	E-Vote	34	1	
2E.08	189	2E.04	General	04/27/21	E-Vote	35	0	
2E.09		2E.05	Color of Guide Signs	DTD	DTD			
2E.10		2E.06	Retroreflection or Illumination	DTD	DTD			
2E.11		2E.32	Interchange Classification	04/27/21	E-Vote	34	0	
2E.12	190	2E.14	Size and Style of Letters and Signs	04/20/21	Session	29	2	2
2E.13		2E.15	Interline and Edge Spacing	DTD	DTD			
2E.14	191	2E.16	Sign Borders	04/27/21	E-Vote	35	0	
2E.15	192	2E.10	Amount of Legend on Guide Signs	04/27/21	E-Vote	34	1	
2E.16	193	2E.17	Abbreviations	04/27/21	E-Vote	35	0	
2E.17	194	2E.18	Symbols	04/27/21	E-Vote	35	0	
2E.18	195	2E.19	Arrows for Interchange Guide Signs	04/27/21	E-Vote	34	1	
2E.19		2E.25	Overhead Sign Installations	04/27/21	E-Vote	35	0	
2E.20	196	2E.26	Lateral Offset	04/27/21	E-Vote	34	1	
2E.21	197	2E.30	Interchange Guide Signs	04/27/21	E-Vote	34	1	
2E.22	198	2E.31	Interchange Exit Numbering	04/20/21	Session	31	0	1
2E.23	199	2E.33	Advance Guide Signs (E1 Series)	04/27/21	E-Vote	33	2	
2E.24	200	2E.40	Interchange Sequence Signs (E9-1 Series, E9-2 Series)	04/27/21	E-Vote	33	2	
2E.25	201	2E.36	Exit Direction Signs (E4 Series)	04/27/21	E-Vote	34	1	
2E.26	202	2E.37	Exit Gore Signs and Plaque (E5-1 Series)	04/27/21	E-Vote	34	1	
2E.27	203	2E.12	Pull-Through Signs (E6-1 Series, E6-2 Series)	04/27/21	E-Vote	34	1	
2E.28	204	2E.24	Signing for Interchange Lane Drops	04/27/21	E-Vote	34	1	
2E.29	205	2E.43	Signing by Type of Interchange	04/27/21	E-Vote	34	1	
2E.30		2E.51	Minor Interchange	04/27/21	E-Vote	35	0	
2E.31	206	2E.48	Diamond Interchange	04/27/21	E-Vote	35	0	
2E.32	207	2E.49	Diamond Interchange in Urban Area	04/27/21	E-Vote	35	0	
2E.33	208	2E.45	Cloverleaf Interchange	04/27/21	E-Vote	35	0	
2E.34	209	2E.46	Cloverleaf Interchange with Collector-Distributor Roadways	04/27/21	E-Vote	34	1	
2E.35	210	2E.47	Partial Cloverleaf Interchange	04/27/21	E-Vote	35	0	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2E.36	211	New	Collector-Distributor Roadways for Successive Interchanges	04/27/21	E-Vote	34	1	
2E.37	212	2E.44	Freeway-to-Freeway Interchange	04/27/21	E-Vote	34	1	
2E.38	213	New	Freeway Split with Dedicated Lanes	04/27/21	E-Vote	34	1	
2E.39		2E.20	Signing for Option Lanes at Splits and Multi-Lane Exits	04/27/21	E-Vote	34	1	
2E.40	214	2E.21	Design of Overhead Arrow-per-Lane Guide Signs for Option Lanes	04/20/21	Session	33	0	0
2E.41	215	2E.22	Design of Freeway and Expressway Diagrammatic Guide Signs for Option Lanes	04/22/21	Session	33	0	0
2E.42	216	2E.23	Signing for Intermediate and Minor Interchange Multi-Lane Exits with an Option Lane	04/20/21	Session	32	0	1
2E.43		2E.11	Number of Signs at an Overhead Installation and Sign Spreading	04/27/21	E-Vote	35	0	
2E.44		2E.50	Closely Spaced Interchanges	DTD	DTD			
2E.45	217	2E.34	Next Exit Plaques (E2-1P, E2-1aP)	04/27/21	E-Vote	35	0	
2E.46		2E.38	Post-Interchange Signs	04/27/21	E-Vote	35	0	
2E.47		2E.39	Post-Interchange Distance Signs (E7-1 Series, E7-2 Series, E7-3 Series)	04/27/21	E-Vote	35	0	
2E.48	218	New	Post-Interchange Travel Time Sign (E7-4 Series)	04/27/21	E-Vote	35	0	
2E.49	219	2E.49	Distance and Travel Time Sign and Comparative Travel Time Sign (E7-5, E7-6)	04/27/21	E-Vote	35	0	
2E.50	220	2E.35	Supplemental Guide Signs (E3 Series)	04/20/21	Session	35	0	0
2E.51	221	2E.41	Community Interchanges Identification Signs (E9-4 Series, E9-5 Series)	04/27/21	E-Vote	35	0	
2E.52	222	2E.42	NEXT XX EXITS Sign (E9-3 Series)	04/27/21	E-Vote	35	0	
2E.53	223	2E.34	Weigh Station Signing	04/20/21	Session	33	0	0
2E.54	224	2E.27	Route Signs and Trailblazer Assemblies	04/27/21	E-Vote	35	0	
2E.55	225	2E.28	Eisenhower Interstate System Signs (M1-10, M1-10a)	04/27/21	E-Vote	35	0	
2E.56	226	New	Signs for Route Diversion by Vehicle Class	04/27/21	E-Vote	35	0	
2E.57	227	2E.29	Signs for Intersections at Grade	04/27/21	E-Vote	31	4	
2E.58		2E.52	Signing on Conventional Road Approaches and Connecting Roadways	DTD	DTD			
2E.59		2E.53	Wrong-Way Traffic Control at Interchange Ramps	DTD	DTD			
2F.01		2F.01	Scope	03/13/21	E-Vote	33	0	
2F.02	229	2F.02	Sizes of Toll Road Signs and Electronic Toll Collection (ETC) System Pictographs	03/03/21	Session	37	1	0
2F.03	230	2F.03	Color	03/03/21	Session	37	1	0
2F.04	231	2F.05	Regulatory Signs for Toll Plazas	03/03/21	Session	37	0	0
2F.05	232	2F.12	Electronic Toll Collection (ETC) Account-Only Regulatory Sign and Plaque (R3-31, R3-32P)	03/03/21	Session	36	0	0

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2F.06	233	2F.06	Pay Toll and Take Ticket Advance Warning Signs (W9-6, W9-6e)	03/03/21	Session	29	0	3
2F.07		2F.07	Pay Toll and Take Ticket Advance Warning Plaques (W9-6bP, W9-6gP)	03/03/21	Session	29	0	3
2F.08		2F.08	Stop Ahead Pay Toll and Take Ticket Warning Signs (W9-6a, W9-6f)	03/03/21	Session	29	0	3
2F.09		2F.09	Stop Ahead Pay Toll and Take Ticket Warning Plaques (W9-6cP, W9-6hP)	03/03/21	Session	29	0	3
2F.10	234	2F.10	LAST EXIT BEFORE TOLL Warning Plaques (W16-16P, W16-16aP)	03/03/21	Session	36	0	1
2F.11	235	2F.11	TOLL Warning Plaque (W16-17P)	DTD	DTD			
2F.12	236	2F.13	Toll Facility and Toll Plaza Guide Signs – General	03/03/21	Session	30	1	2
2F.13	237	2F.13	Electronic Toll Collection (ETC) Signs – General	03/03/21	Session	34	0	2
2F.14		2F.14	Advance Signs for Conventional Toll Plazas	03/13/21	E-Vote	33	0	
2F.15		2F.15	Advance Signs for Toll Plazas on Diverging Alignments from Open-Road ETC Account-Only Lanes	03/13/21	E-Vote	33	0	
2F.16		2F.16	Toll Plaza Canopy Signs	03/13/21	E-Vote	33	0	
2F.17	238	2F.17	Guide Signs for Entrances to ETC Account-Only Facilities	03/03/21	Session	32	0	3
2F.18	239, 240	New	Guide Signs for Entrances to ETC-Only Facilities	03/03/21	Session	32	0	3
2F.19	239, 241	New	Guide Signs for ETC-Only Entrance Ramps to Non-Toll Highways	03/03/21	Session	32	0	3
2F.20		2F.18	ETC Account Program Information Signs	DTD	DTD			
2G.01	242	2G.01	Scope	04/19/21	E-Vote	38	0	
2G.02		2G.02	Sizes of Preferential and Managed Lane Signs	04/19/21	E-Vote	38	0	
2G.03	243	2G.03	Regulatory Signs for Preferential Lanes – General	04/19/21	E-Vote	38	0	
2G.04	244	2G.04	Vehicle Occupancy Definition Signs (R3-10 Series, R3-13 Series)	04/19/21	E-Vote	38	0	
2G.05	245	2G.05	Preferential Lane Operation Signs (R3-11 Series, R3-14 Series)	04/19/21	E-Vote	38	0	
2G.06		2G.06	Preferential Lane Advance Signs (R3-12, R3-12e, R3-12f, R3-15, R3-15a, R3-15d)	DTD	DTD			
2G.07	246	2G.07	Preferential Lane Ends Signs (R3-12a, R3-12b, R3-12c, R3-12d, R3-12g, R3-12h, R3-15b, R3-15c, R3-15e)	04/19/21	E-Vote	38	0	
2G.08		2G.08	Warning Signs on Median Barriers for Preferential Lanes	DTD	DTD			
2G.09		2G.09	High-Occupancy Vehicle (HOV) Plaque (W16-11P)	DTD	DTD			
2G.10		2G.10	Preferential Lane Guide Signs – General	DTD	DTD			
2G.11	247	2G.11	Signing for Initial Entry Points to Preferential Lanes	04/19/21	E-Vote	38	0	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2G.12		2G.12	Signing for Intermediate Entry Points to Preferential Lanes	DTD	DTD			
2G.13		2G.13	Signing for Egress from Preferential Lanes to General-Purpose Lanes	DTD	DTD			
2G.14		2G.14	Signing for Direct Entrances to Preferential Lanes from Another Highway	DTD	DTD			
2G.15		2G.15	Signing for Direct Exits from Preferential Lanes to Another Highway	DTD	DTD			
2G.16		2G.03	Signs for Managed Lanes – General	DTD	DTD			
2G.17	248	2G.16	Signs for Priced Managed Lanes – General	04/19/21	E-Vote	38	0	
2G.18		2G.17	Regulatory Signs for Priced Managed Lanes	DTD	DTD			
2G.19	249	2G.18	Guide Signs for Priced Managed Lanes	04/19/21	E-Vote	38	0	
2G.20	250	New	Signs for Part-Time Travel on a Shoulder – General	04/19/21	E-Vote	38	0	
2G.21	251	New	Regulatory Signs and Plaques for Part-Time Travel on a Shoulder	04/19/21	E-Vote	38	0	
2G.22	252	New	Warning Signs for Part-Time Travel on a Shoulder	04/19/21	E-Vote	38	0	
2G.23	253	New	Guide Signs for Part-Time Travel on a Shoulder	04/19/21	E-Vote	38	0	
2G.24	254	New	Lane-Use Control Signals for Part-Time Travel on a Shoulder	04/19/21	E-Vote	38	0	
2G.25	255	New	Lane-Use Control Signals for Active Lane Management on Freeways and Expressways	05/03/21	Session	31	1	3
2G.26	256	New	Variable Speed Limits for Active Traffic Management on Freeways and Expressways	04/19/21	E-Vote	38	0	
2H.01	257	2H.02	Scope	03/22/21	E-Vote	32	5	
2H.02	258	2H.01	Sizes of General Information Signs	03/22/21	E-Vote	37	0	
2H.03	259	2H.02	Airport Signs	03/22/21	E-Vote	31	6	
2H.04	260	2H.03	Traffic Signal Speed Sign (I1-1)	03/22/21	E-Vote	37	0	
2H.05	261	New	Jurisdictional Boundary (I2-1) Signs	03/22/21	E-Vote	31	6	
2H.06	262	New	Geographical Feature (I2-2) Signs	03/22/21	E-Vote	37	0	
2H.07	263	New	State Welcome Signs	03/22/21	E-Vote	30	7	
2H.08	264	New	Future Interstate Signs (I2-4, I2-4a)	03/22/21	E-Vote	30	7	
2H.09	265	New	Project Information Sign (I2-5)	03/22/21	E-Vote	31	6	
2H.10	266	New	Grade Separation Identification Signs (I2-43, I2-43a)	03/22/21	E-Vote	37	0	
2H.11	267	2H.05	Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)	03/22/21	E-Vote	32	5	
2H.12	268	2H.06	Enhanced Reference Location Signs (D10-4) and Intermediate Enhanced Reference Location Signs (D10-5)	03/22/21	E-Vote	32	5	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2H.13	270	2H.08	Acknowledgment Signs and Plaques (I20 Series)	03/22/21	E-Vote	31	6	
2H.14	271	New	Alternative Fuels Corridor Signs	03/22/21	E-Vote	37	0	
2I.01		2I.01	Sizes of General Service Signs	DTD	DTD			
2I.02	272	2I.02	General Service Signs for Conventional Roads	04/19/21	E-Vote	38	0	
2I.03	273	2I.03	General Service Signs for Freeways and Expressways	04/19/21	E-Vote	38	0	
2I.04	274	2I.04	Interstate Oasis Signing (D5-12 Series)	04/19/21	E-Vote	38	0	
2I.05		2I.05	Rest Area and Other Roadside Area Signs (D5-1 through D5-11 series)	DTD	DTD			
2I.06		2I.06	Brake Check Area Signs (D5-13, D5-14)	DTD	DTD			
2I.07		2I.07	Chain-Up Area Signs (D5-15, D5-16)	DTD	DTD			
2I.08	275	2I.08	Tourist Information and Welcome Center Signs (D5-7 Series, D5-8)	04/19/21	E-Vote	38	0	
2I.09	276	2I.09	Radio Information Signing (D12-1 Series)	04/19/21	E-Vote	38	0	
2I.10	277	2I.09	Channel 9 Monitored Sign (D12-3)	04/19/21	E-Vote	38	0	
2I.11	278	2I.09	EMERGENCY CALL XX Sign (D12-4)	04/19/21	E-Vote	38	0	
2I.12	279	2I.10	TRAVEL INFO CALL 511 Signs (D12-5, D12-5a)	04/19/21	E-Vote	38	0	
2I.13	280	New	Roadside Assistance Sign (D12-6)	04/19/21	E-Vote	38	0	
2I.14	281	2I.11	Carpool and Ridesharing Signing (D12-2)	04/19/21	E-Vote	38	0	
2I.15	282	New	Signing for Truck Parking Availability (D9-16b through D9-16e)	04/19/21	E-Vote	37	0	
2J.01	284	2J.01	Eligibility	04/19/21	E-Vote	29	8	
2J.02	285	2J.02	Application	04/19/21	E-Vote	34	3	
2J.03	286	2J.03	Logos and Business Identification sign Panels	04/19/21	E-Vote	35	2	
2J.04		2J.04	Number and Size of Signs and Business Identification Sign Panels	04/19/21	E-Vote	37	0	
2J.05		2J.05	Size of Lettering	04/19/21	E-Vote	37	0	
2J.06	287	2J.06	Signs at Interchanges	04/19/21	E-Vote	36	1	
2J.07	288	2J.07	Single-Exit Interchanges	04/19/21	E-Vote	37	0	
2J.08		2J.08	Double-Exit Interchanges	04/19/21	E-Vote	37	0	
2J.09	289	New	Collector-Distributor Roadways for Successive Interchanges	04/19/21	E-Vote	37	0	
2J.10		2J.09	Specific Service Trailblazer Signs	04/19/21	E-Vote	37	0	
2J.11	290	2J.10	Signs at Intersections	04/19/21	E-Vote	37	0	
2J.12	291	2J.11	Signing Policy	04/19/21	E-Vote	37	0	
2K.01	292	2K.01	Purpose and Application	03/29/21	E-Vote	38	2	
2K.02	293	2K.02	Design	03/29/21	E-Vote	39	1	
2K.03		2K.03	Style and Size of Lettering	DTD	DTD			
2K.04	294	2K.04	Arrangement and Size of Signs	03/29/21	E-Vote	40	0	
2K.05		2K.05	Advance Signs	DTD	DTD			
2K.06		2K.06	Sign Locations	DTD	DTD			
2K.07		2K.07	State Policy	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
2L.01	295	2L.01	Description of Changeable Message Signs	04/06/21	Session	38	0	0
2L.02	296	2L.02	Application of Changeable Message Signs	04/06/21	Session	35	2	0
2L.03	297	2L.03	Legibility and Visibility of Changeable Message Signs	04/06/21	Session	37	0	0
2L.04	298	2L.04	Design Characteristics of Messages	04/08/21	Session	33	0	2
2L.05	299	2L.05	Message Length and Units of Information	04/06/21	Session	38	0	0
2L.06	300	New	Frequency of Display of Messages	04/06/21	Session	35	2	0
2L.07	301	New	Travel Time Messages	04/06/21	Session	35	1	0
2L.08	302	New	Traffic Safety Campaign Messages	04/06/21	Session	36	0	0
2L.09	303	2L.06	Location of Permanent Changeable Message Signs	04/06/21	Session	36	1	0
2M.01		2M.01	Scope	04/20/21	Session	28	6	1
2M.02	304	2M.02	Application of Recreational and Cultural Interest Area Signs	04/19/21	E-Vote	36	1	
2M.03		2M.03	Regulatory and Warning Signs	DTD	DTD			
2M.04	305	2M.04	General Design Requirements for Recreational and Cultural Interest Area Symbol Guide Signs	04/19/21	E-Vote	36	1	
2M.05		2M.05	Symbol Sign Sizes	DTD	DTD			
2M.06	306	2M.06	Use of Educational Plaques	04/19/21	E-Vote	37	0	
2M.07	307	2M.07	Use of Prohibitive Circle and Diagonal for Non-Road Applications	04/19/21	E-Vote	37	0	
2M.08	308	2M.08	Placement of Recreational and Cultural Interest Area Symbol Signs	04/19/21	E-Vote	37	0	
2M.09	309	2M.09	Destination Guide Signs	04/19/21	E-Vote	37	0	
2M.10	310	2M.10	Memorial or Dedication Signing	04/19/21	E-Vote	29	8	
2N.01		2N.01	Emergency Management	DTD	DTD			
2N.02	311, 312	2N.02	Design and Use of Emergency Management Signs	04/19/21	E-Vote	35	2	
2N.03	311, 313	2N.03	Evacuation Route Signs (EM1 Series)	04/19/21	E-Vote	36	1	
2N.04	311, 314	2N.04	AREA CLOSED Sign (EM2-1)	04/19/21	E-Vote	37	0	
2N.05	311, 315	2N.05	TRAFFIC CONTROL POINT Sign (EM2-2)	04/19/21	E-Vote	37	0	
2N.06	311	2N.06	MAINTAIN TOP SAFE SPEED Sign (EM2-3)	04/19/21	E-Vote	37	0	
2N.07	311	2N.07	ROAD (AREA) USE PERMIT REQUIRED FOR THRU TRAFFIC Sign (EM2-4)	04/19/21	E-Vote	36	1	
2N.08	311	2N.08	Emergency Aid Center Signs (EM3-1 Series)	04/19/21	E-Vote	36	1	
2N.09	311	2N.09	Shelter Directional Signs (EM4-1 Series)	04/19/21	E-Vote	36	1	
3A.01	317	3A.02	Standardization of Application	03/22/21	E-Vote	37	0	
3A.02	318	3A.04	Materials	03/22/21	E-Vote	37	0	
3A.03	319	3A.05	Colors	03/22/21	E-Vote	29	8	
3A.04	320	3A.06	Functions, Widths and Patterns of Longitudinal Pavement Markings	05/06/21	Session	35	0	1
3A.05		3A.03	Maintaining Minimum Pavement Marking Retroreflectivity	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
3B.01	321	3B.01	Yellow Center Line Pavement Markings	04/27/21	E-Vote	33	1	
3B.02	322	3B.01	Warrants for Yellow Center Lines	DTD	DTD			
3B.03	323	3B.02	No Passing Zone Pavement Markings	04/27/21	E-Vote	33	1	
3B.04/3J.03	324	3B.03	Yellow Pavement Markings for Reversible Lanes	04/27/21	E-Vote	34	0	
3B.05	325	3B.03	Pavement Markings for Two-Way Left Turn Lanes	04/27/21	E-Vote	29	5	
3B.06	326	3B.04	White Lane Line Pavement Markings	04/27/21	E-Vote	31	3	
3B.07	327	3B.04	White Lane Line Markings for Non-Continuing Lanes	04/27/21	E-Vote	31	3	
3B.08	328	3B.05	Channelizing Lines	04/27/21	E-Vote	34	0	
3B.09	329	3B.06	Edge Line Pavement Markings	05/03/21	Session	33	0	2
3B.10		3B.07	Warrants for Use of Edge Lines	DTD	DTD			
3B.11	330	3B.08	Application of Pavement Markings Through Intersections or Interchanges	04/27/21	E-Vote	34	0	
3B.12	331	3B.09	Lane Reduction Transitions	04/27/21	E-Vote	28	6	
3B.13	332	3B.10	Approach Markings for Obstructions	04/27/21	E-Vote	34	0	
3B.14		3B.11	Raised Pavement Markers – General	04/27/21	E-Vote	32	2	
3B.15		3B.12	Raised Pavement Markers as Vehicle Positioning Guides with Other Longitudinal Markings	DTD	DTD			
3B.16		3B.13	Raised Pavement Markers Supplementing Other Markings	DTD	DTD			
3B.17	333	3B.14	Raised Pavement Markers Substituting for Pavement Markings	04/27/21	E-Vote	33	1	
3B.18	335	3B.23	Curb Markings for Parking Regulations	04/27/21	E-Vote	33	1	
3B.19	336	3B.16	Stop and Yield lines	04/27/21	E-Vote	31	3	
3B.20	337	3B.20	Word, Symbol, and Arrow Pavement Markings – General	04/27/21	E-Vote	33	1	
3B.21	338	3B.20	Word Pavement Markings	04/27/21	E-Vote	34	0	
3B.22	339	3B.20	Symbol Pavement Markings	04/27/21	E-Vote	33	1	
3B.23		3B.20	Lane-Use Arrows	04/27/21	E-Vote	34	0	
3B.24		3B.20	Wrong-Way Arrows	DTD	DTD			
3B.25	340	3B.24	Chevron and Diagonal Markings	05/06/21	Session	33	3	1
3B.26		3B.17	Do Not Block Intersection Markings	DTD	DTD			
3B.27	341	3B.19	Parking Space Markings	04/27/21	E-Vote	32	1	
(not in NPA)	342	3B.21	Speed Measurement Markings	04/27/21	E-Vote	29	3	
3B.28	343	3B.22	Speed Reduction Markings	04/27/21	E-Vote	34	0	
3B.29	344	3B.25	Speed Hump Markings	04/27/21	E-Vote	34	0	
3B.30		3B.26	Advance Speed Hump Markings	DTD	DTD			
3B.31	345	New	Markings for Diamond Interchange with Transposed Alignment Crossroad	04/27/21	E-Vote	30	4	
3C.01	346	3B.18	General	04/19/21	E-Vote	32	6	
3C.02	347	3B.18	Applications of Crosswalk Markings	04/19/21	E-Vote	37	1	
3C.03	348	3B.18	Design of Crosswalk Markings	04/19/21	E-Vote	37	1	
3C.04	349	New	Basic Crosswalks	04/19/21	E-Vote	35	3	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
3C.05	350	New	High-Visibility Crosswalks	04/19/21	E-Vote	35	3	
3C.06	351	New	Longitudinal Bar Crosswalks	04/19/21	E-Vote	36	2	
3C.07	351	New	Perpendicular Crosswalks	04/19/21	E-Vote	38	0	
3C.08	351	New	Longitudinal Bar Pair Crosswalks	04/19/21	E-Vote	35	3	
3C.09		3C.05	Crosswalk Markings at Circular Intersections	04/19/21	E-Vote	38	0	
3C.10	352	New	Crosswalks for Exclusive Pedestrian Phases that Permit Diagonal Crossings	04/19/21	E-Vote	36	2	
3C.11	353	New	Crosswalks at Diamond Interchanges with a Transposed Alignment Crossroad	04/19/21	E-Vote	36	2	
3C.12		3I.06	Pedestrian Islands and Medians	DTD	DTD			
3D.01	355	3C.01	General	04/19/21	E-Vote	35	3	
3D.02	356	3C.02	White Lane Line Pavement Marking for Roundabouts	04/19/21	E-Vote	34	4	
3D.03		3C.03	Edge Line Pavement Markings for Roundabout Circulatory Roadways	04/19/21	E-Vote	36	2	
3D.04	357	3C.04	Yield Lines for Roundabouts	04/19/21	E-Vote	35	3	
3D.05		3C.06	Word and Symbol Pavement Markings for Roundabouts	DTD	DTD			
3D.06	358	3C.06	Arrow Pavement Markings for Roundabouts	04/19/21	E-Vote	33	5	
3D.07	358	3C.07	Markings for Other Circular Intersections	04/19/21	E-Vote	37	1	
3E.01		New	General	04/05/21	E-Vote	32	0	
3E.02	360	3D.02	Longitudinal Markings	04/05/21	E-Vote	30	2	
3E.03	361	3D.01	Preferential Lane Word and Symbol Markings	04/05/21	E-Vote	31	1	
3E.04	362	New	Markings for Part-Time Travel on a Shoulder	04/05/21	E-Vote	31	1	
3F.01		3E.01	General	04/05/21	E-Vote	31	1	
3F.02	363	3E.01	Longitudinal Markings	04/05/21	E-Vote	32	0	
3F.03		3E.01	Pavement Word and Symbol Markings	04/05/21	E-Vote	32	0	
3G.01		3F.01	General	DTD	DTD			
3G.02		3F.02	Design	04/05/21	E-Vote	32	0	
3G.03	364	3F.03	Application	04/05/21	E-Vote	32	0	
3G.04		3F.04	Placement and Spacing	04/05/21	E-Vote	32	0	
3H.01	365	3G.01	Standardization of Application	04/05/21	E-Vote	31	1	
3H.02	366	New	Materials	04/05/21	E-Vote	28	4	
3H.03	367	3G.01	Aesthetic Treatments in Crosswalks	04/08/21	Session	30	5	2
3H.04	368	New	Yellow-Colored Pavement	04/05/21	E-Vote	32	0	
3H.05	369	New	White-Colored Pavement	04/05/21	E-Vote	32	0	
3H.06	370	IA-14	Green-Colored Pavement for Bicycle Facilities	04/08/21	Session	30	4	3
3H.07	371	IA-22	Red-Colored Pavement for Public Transit Systems	04/08/21	Session	32	0	6
3H.08	372	New	Purple-Colored Pavement for Electronic Toll Collection (ETC) Account-Only Preferential Lanes	04/05/21	E-Vote	32	0	
3I.01	373	3H.01	Channelizing Devices	03/22/21	E-Vote	30	7	
3I.02	374	New	Tubular Markers	03/22/21	E-Vote	35	2	
3J.01		3I.01	General	03/22/21	E-Vote	37	0	
3J.02	376	3I.02	Approach End Treatment	03/22/21	E-Vote	36	1	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
3J.03	377	3B.03	Islands Designated by Pavement Markings	03/22/21	E-Vote	34	3	
3J.04	378	3B.23	Curb Markings for Raised Islands	03/22/21	E-Vote	36	1	
3J.05	379	New	Pavement Markings for Raised Islands	03/22/21	E-Vote	34	3	
3J.06		3I.05	Island Delineation	03/22/21	E-Vote	35	1	
3J.07	380	New	Curb Extensions Designated by Pavement Markings	03/22/21	E-Vote	36	1	
3K.01		3J.01	Longitudinal Rumble Strip Markings	03/22/21	E-Vote	37	0	
3K.02		3J.02	Transverse Rumble Strip Markings	03/22/21	E-Vote	37	0	
4A.01	382	4A.01	Types	DTD	DTD			
4A.02		4D.04	Meanings of Signal Indications	DTD	DTD			
4A.03		4D.04	Meanings of Steady Vehicular Signal Indications	DTD	DTD			
4A.04		4D.04	Meanings of Flashing Vehicular Signal Indications	DTD	DTD			
4A.05	384	New	Meanings of Bicycle Symbol Signal Indications	05/03/21	Session	36	0	1
4A.06		4E.02	Meanings of Pedestrian Signal Indications	DTD	DTD			
4A.07		4D.33	Lateral Offset of Signal Supports and Cabinets	DTD	DTD			
4A.08	385	4D.34	Use of Signs at Signalized Locations	DTD	DTD			
4A.09		4D.35	Use of Pavement Markings at Signalized Locations	DTD	DTD			
4A.10		4D.02	Responsibility for Operations and Maintenance	DTD	DTD			
4B.01		4B.01	General	DTD	DTD			
4B.02	386	4B.02	Basis of Installation of Traffic Control Signals	03/02/21	Session	37	0	1
4B.03		4B.02	Basis of Removal of Traffic Control Signals	DTD	DTD			
4B.04		4B.03	Advantages and Disadvantages of Traffic Control Signals	DTD	DTD			
4B.05	388	4B.04	Alternatives to Traffic Control Signals	DTD	DTD			
(not in NPA)	387	4B.05	Adequate Roadway Capacity	03/02/21	Session	38	1	0
4C.01	389	4C.01	Studies and Factors for Justifying Traffic Control Signals	03/02/21	Session	36	0	0
4C.02	390, 391	4C.02	Warrant 1, Eight-Hour Vehicular Volume	DTD	DTD			
4C.03	391	4C.03	Warrant 2, Four-Hour Vehicular Volume	DTD	DTD			
4C.04	391	4C.04	Warrant 3, Peak Hour	DTD	DTD			
4C.05	391, 392	4C.05	Warrant 4, Pedestrian Volume	DTD	DTD			
4C.06	391	4C.06	Warrant 5, School Crossing	DTD	DTD			
4C.07	391	4C.07	Warrant 6, Coordinated Signal System	DTD	DTD			
4C.08	391, 393	4C.08, IA-19	Warrant 7, Crash Experience	DTD	DTD			
4C.09	391	4C.09	Warrant 8, Roadway Network	DTD	DTD			
4C.10	391	4C.10	Warrant 9, Intersection Near a Grade Crossing	DTD	DTD			
4D.01	394	4D.01	General	DTD	DTD			
4D.02	395, 418	4D.03	Provisions for Pedestrians	03/02/21	Session	36	0	1
4D.03	396	New	Provisions for Bicyclists	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
4D.04		4D.11	Number of Signal Faces on an Approach	DTD	DTD			
4D.05	397	4D.12	Visibility, Aiming, and Shielding of Signal Faces	DTD	DTD			
4D.06	398	4D.13	Lateral Positioning of Signal Faces	DTD	DTD			
4D.07	399	4D.14	Longitudinal Positioning of Signal Faces	DTD	DTD			
4D.08	400	4D.15	Mounting Height of Signal Faces	DTD	DTD			
4D.09	401	4D.16	Lateral Offset (Clearance) of Signal Faces	DTD	DTD			
4D.10	402	4D.32	Temporary and Portable Traffic Control Signals	DTD	DTD			
4E.01	403	4D.06	Signal Indications – Design, Illumination, Color, and Shape	05/03/21	E-Vote	33	1	
4E.02	404	4D.07	Size of Vehicular Signal Indications	DTD	DTD			
4E.03		4D.08	Positions of Signal Indications Within a Signal Face – General	03/02/21	Session	35	0	0
4E.04		4D.09	Position of Signal Indications Within a Vertical Signal Face	DTD	DTD			
4E.05		4D.10	Position of Signal Indications Within a Horizontal Signal Face	05/03/21	E-Vote	31	3	
4F.01	405	4D.05	Application of Steady and Flashing Signal Indications During Steady (Stop-and-Go) Operation	05/03/21	E-Vote	33	1	
4F.02	383, 406	4D.17	Signal Indications for Left-Turn Movements – General	05/03/21	E-Vote	29	5	
4F.03	418	4D.18	Signal Indications for Permissive Only Mode Left-Turn Movements in a Shared Signal Face	DTD	DTD			
4F.04	407	4D.18	Signal Indications for Permissive Only Mode Left-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	33	1	
4F.05		4D.19	Signal Indications for Protected Only Mode Left-Turn Movements in a Shared Signal Face	DTD	DTD			
4F.06	407, 408	4D.19	Signal Indications for Protected Only Mode Left-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	34	0	
4F.07		4D.20	Signal Indications for Protected/Permissive Mode Left-Turn Movements in a Shared Signal Face	DTD	DTD			
4F.08	407	4D.20	Signal Indications for Protected/Permissive Mode Left-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	34	0	
4F.09	407	4D.21	Signal Indications for Right-Turn Movements – General	05/03/21	E-Vote	33	1	
4F.10		4D.22	Signal Indications for Permissive Only Mode Right-Turn Movements in a Shared Signal Face	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
4F.11	407	4D.22	Signal Indications for Permissive Only Mode Right-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	33	1	
4F.12		4D.23	Signal Indications for Protected Only Mode Right-Turn Movements in a Shared Signal	05/03/21	E-Vote	34	0	
4F.13	407, 408	4D.23	Signal Indications for Protected Only Mode Right-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	34	0	
4F.14		4D.24	Signal Indications for Protected/Permissive Mode Right-Turn Movements in a Shared Signal Face	DTD	DTD			
4F.15	383, 407, 411	4D.24	Signal Indications for Protected/Permissive Mode Right-Turn Movements in a Separate Signal Face	05/03/21	E-Vote	34	0	
4F.16	412	4F.25	Signal Indications for Approaches with No Through Movement	05/03/21	E-Vote	34	0	
4F.17	413	4D.26	Yellow Change and Red Clearance Intervals	05/03/21	E-Vote	31	3	
4F.18		4D.27	Preemption and Priority Control of Traffic Control Signals – General	DTD	DTD			
4F.19	414	4D.27	Preemption Control of Traffic Control Signals	05/03/21	E-Vote	34	0	
4F.20		4D.27	Priority Control of Traffic Control Signals	DTD	DTD			
4G.01		4D.28	Flashing Operation of Traffic Control Signals – General	DTD	DTD			
4G.02	415	4D.29	Flashing Operation – Transition Into Flashing Mode	DTD	DTD			
4G.03		4D.30	Flashing Operation – Signal Indications During Flashing Mode	DTD	DTD			
4G.04	416	4D.31	Flashing Operation – Transition Out of Flashing Mode	DTD	DTD			
4H.01	417	New	Use of Bicycle Signal Faces	05/03/21	Session	36	0	0
4H.02	417	New	Prohibited Use of Bicycle Signal Faces	05/03/21	Session	37	0	0
4H.03	417	New	Warrants For Bicycle Signal Faces	05/03/21	Session	37	0	0
4H.04	417	New	Bicycle Signal Signs	05/03/21	Session	35	0	2
4H.05	417	New	Application of Bicycle Symbol Signal Indications During Steady (Stop-and-Go) Operation	05/03/21	Session	37	0	0
4H.06	417	New	Application of Bicycle Symbol Signal Indications During Flashing Operation	05/03/21	Session	36	0	0
4H.07	417	New	Layout of Bicycle Signal Faces	05/03/21	Session	36	0	1
4H.08	417	New	Size of Bicycle Symbol Signal Indications	05/03/21	Session	34	1	1
4H.09	417	New	Placement of Bicycle Signal Faces	05/03/21	Session	36	0	0
4H.10	417	New	Mounting Height of Bicycle Signal Faces	05/03/21	Session	36	0	1
4H.11	417	New	Intensity and Light Distribution of Bicycle Signal Faces	05/03/21	Session	35	0	1

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
4H.12	417	New	Yellow Change and Red Clearance Intervals for Bicycle Signal Faces	05/03/21	Session	37	0	0
4I.01	419	4E.01	Pedestrian Signal Heads	03/02/21	Session	37	0	1
4I.02	420	4E.04	Size, Design, and Illumination of Pedestrian Signal Heads	DTD	DTD			
4I.03	421	4E.05	Location and Height of Pedestrian Signal Heads	DTD	DTD			
4I.04	422	4E.07	Countdown Pedestrian Signals	DTD	DTD			
4I.05	423	4E.08	Pedestrian Detectors	DTD	DTD			
4I.06	424	4E.06	Pedestrian Intervals and Signal Phases	DTD	DTD			
4J.01	425	4F.01	Application of Pedestrian Hybrid Beacons	DTD	DTD			
4J.02	426	4F.02	Design of Pedestrian Hybrid Beacons	DTD	DTD			
4J.03	427	4F.03	Operation of Pedestrian Hybrid Beacons	DTD	DTD			
4K.01	428	4E.09	General	03/05/21	Session	34	0	1
4K.02	428	4E.10	Location	03/02/21	Session	38	0	0
4K.03	429	4E.11	Walk Indications	03/02/21	Session	37	2	1
4K.04	430	4E.12	Vibrotactile Arrows and Locator Tones	03/02/21	Session	37	0	0
4K.05	431	4E.13	Extended Push Button Press Features	03/02/21	Session	38	0	0
4L.01	432	IA-21	Application of Rectangular Rapid Flashing Beacons	03/02/21	Session	36	0	1
4L.02	432	IA-21	Design of Rectangular Rapid Flashing Beacons	03/02/21	Session	36	0	1
4L.03	432	IA-21	Operation of Rectangular Rapid Flashing Beacons	03/02/21	Session	36	0	1
4M.01		4G.01	Application of Emergency-Vehicle Traffic Control Signals	DTD	DTD			
4M.02		4G.02	Design of Emergency-Vehicle Traffic Control Signals	DTD	DTD			
4M.03	433	4G.03	Operation of Emergency-Vehicle Traffic Control Signals	DTD	DTD			
4N.01		4G.04	Application of Emergency-Vehicle Hybrid Beacons	DTD	DTD			
4N.02		4G.04	Design of Emergency-Vehicle Hybrid Beacons	DTD	DTD			
4N.03	434	4G.04	Operation of Emergency-Vehicle Hybrid Beacons	DTD	DTD			
4O.01		4H.01	Application of Traffic Control Signals for One-Lane, Two-Way Facilities	DTD	DTD			
4O.02		4H.02	Design of Traffic Control Signals for One-Lane, Two-Way Facilities	DTD	DTD			
4O.03		4H.03	Operation of Traffic Control Signals for One-Lane, Two-Way Facilities	DTD	DTD			
4P.01		4L.01	Application of Freeway Entrance Ramp Control Signals	DTD	DTD			
4P.02	435	4L.02	Design of Freeway Entrance Ramp Control Signals	01/22/21	Session	33	4	1
4P.03	436	4L.03	Operation of Freeway Entrance Ramp Control Signals	01/22/21	Session	31	5	0
4Q.01		4J.01	Application of Traffic Control for Movable Bridges	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
4Q.02	437	4J.02	Design and Location of Movable Bridge Signals and Gates	DTD	DTD			
4Q.03		4J.03	Operation of Movable Bridge Signals and Gates	DTD	DTD			
4R.01		4K.01	Traffic Signals at Toll Plazas	DTD	DTD			
4R.02		4K.02	Lane-Use Control Signals at or Near Toll Plazas	DTD	DTD			
4R.03		4K.03	Warning Beacons at Toll Plazas	DTD	DTD			
4S.01	438	4L.01	General Design and Operation of Flashing Beacons	DTD	DTD			
4S.02	439	4L.02	Intersection Control Beacon	DTD	DTD			
4S.03	440	4L.03	Warning Beacon	01/22/21	Session	38	0	1
4S.04	441	4L.04	Speed Limit Sign Beacon	01/22/21	Session	39	0	0
4S.05	442	4L.05	Stop Beacon	DTD	DTD			
4T.01	443	4M.01	Application of Lane-Use Control Signals	DTD	DTD			
4T.02		4M.02	Meaning of Lane-Use Control Signal Indications	DTD	DTD			
4T.03	444	4M.03	Design of Lane-Use Control Signals	DTD	DTD			
4T.04	445	4M.04	Operation of Lane-Use Control Signals	DTD	DTD			
4U.01	446	4N.01	Application of In-Roadway Warning Lights	03/23/21	Session	30	0	0
4U.02	447	4N.02	In-Roadway Warning Lights at Crosswalks	03/23/21	Session	30	0	0
5A.01	449	New	Purpose and Scope	05/06/21	Session	34	4	0
5A.02	450	New	Overview of Connected and Automated Vehicles	05/06/21	Session	34	4	0
5A.03	451	New	Definitions and Terms	05/06/21	Session	34	4	0
5A.04	452	New	Traffic Control Device Design and Use Considerations	05/06/21	Session	34	4	0
5B.01	454	New	Signs	05/06/21	Session	32	2	3
5B.02	455	New	Markings	05/06/21	Session	32	2	3
5B.03	456	New	Highway Traffic Signals	05/06/21	Session	32	2	3
5B.04	457	New	Temporary Traffic Control	05/06/21	Session	33	1	4
5B.05	458	New	Traffic Control for Railroad and Light Rail Transit Grade Crossings	05/06/21	Session	33	1	4
5B.06	459	New	Traffic Control for Bicycle Facilities	05/06/21	Session	29	6	1
6A.01	464	6A.01	General	04/14/21	E-Vote	37	0	
6A.02	465	6B.01	Fundamental Principles of Temporary Traffic Control	04/14/21	E-Vote	37	0	
6A.03	466	6F.01	TTC Devices	04/14/21	E-Vote	30	7	
6A.04	466	6F.01	Crashworthiness of TTC Devices	DTD	DTD			
6A.05		6G.19	Night Work	DTD	DTD			
6B.01	467, 468	6C.01, 6G.01	Temporary Traffic Control Plans	04/20/21	Session	32	0	0
6B.02		6C.02	Temporary Traffic Control Zones	DTD	DTD			
6B.03		6C.03	Components of Temporary Traffic Control Zones	DTD	DTD			
6B.04		6C.04	Advance Warning Area	04/14/21	E-Vote	37	0	
6B.05	469	6C.05	Transition Area	04/14/21	E-Vote	37	0	
6B.06		6C.06	Activity Area	DTD	DTD			
6B.07		6C.07	Termination Area	DTD	DTD			
6B.08	470	6C.08	Tapers	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
6B.09		6C.09	Detours and Diversions	DTD	DTD			
6C.01		6D.01	Pedestrian and Worker Safety – General	DTD	DTD			
6C.02	471	6D.01	Pedestrian Considerations	04/27/21	E-Vote	34	1	
6C.03	472	6D.02	Accessibility Considerations	DTD	DTD			
6C.04		6D.03	Worker Safety Considerations	DTD	DTD			
6C.05	473	6E.02, 6D.03	High-Visibility Safety Apparel	04/27/21	E-Vote	34	1	
6D.01		6E.01	Qualifications for Flaggers	DTD	DTD			
6D.02	474	6E.03	STOP / SLOW Paddle for Hand- Signaling	04/05/21	E-Vote	29	3	
6D.03	475	6E.03	Flag for Hand-Signaling	04/05/21	E-Vote	31	1	
6D.04		6E.01	Flashlight for Hand-Signaling	DTD	DTD			
6D.05	476	6E.07	Flagger Procedures	04/05/21	E-Vote	32	0	
6D.06	477	6E.08	Flagger Stations	04/05/21	E-Vote	28	4	
6E.01		6C.10	One-Lane, Two-Way Traffic Control – General	DTD	DTD			
6E.02		6C.11	Flagger Method	DTD	DTD			
6E.03		6C.12	Flag Transfer Method	DTD	DTD			
6E.04	478	6C.13	Pilot Car Method	04/05/21	E-Vote	31	1	
6E.05		6C.14	Temporary Traffic Signal Method	DTD	DTD			
6E.06		6C.15	Stop or Yield Control Method	DTD	DTD			
6F.01	479	6F.02	General Characteristics of TTC Zone Signs	05/03/21	E-Vote	34	0	
6F.02	480	6F.03	Sign Placement	DTD	DTD			
6F.03		6F.04	Sign Maintenance	DTD	DTD			
6G.01		6F.05	Regulatory Sign Authority	DTD	DTD			
6G.02		6F.06	Regulatory Sign Design	05/03/21	E-Vote	33	1	
6G.03		6F.07	Regulatory Sign Applications	DTD	DTD			
6G.04		6F.08	ROAD (STREET) CLOSED Sign (R11-2)	DTD	DTD			
6G.05		6F.09	Local Traffic Only Signs (R11- 3a, R11-4)	DTD	DTD			
6G.06		6F.10	Weight Limit Signs (R12-1, R12- 2, R12-5)	DTD	DTD			
6G.07	481	6F.11	STAY IN LANE Signs (R4-9, R4- 9a)	05/03/21	E-Vote	31	2	
6G.08		6F.12	Work Zone and Higher Fines Signs and Plaques	DTD	DTD			
6G.09		6F.13	PEDESTRIAN CROSSWALK Sign (R9-8)	DTD	DTD			
6G.10	482	6F.14	SIDEWALK CLOSED Signs (R9- 9, R9-10, R9-11, R9-11a)	05/03/21	E-Vote	33	1	
6G.11	483	New	TURN OFF 2-WAY RADIO AND CELLPHONE (RXX-X) Sign	05/03/21	E-Vote	34	0	
6G.12		6F.15	Other Regulatory Signs	05/03/21	E-Vote	34	0	
6H.01	484	6F.16	Warning Sign Function, Design, and Application	05/03/21	E-Vote	33	1	
6H.02		6F.17	Position of Advance Warning Signs	DTD	DTD			
6H.03	485	6F.18	ROAD (STREET) WORK Sign (W20-1)	05/03/21	E-Vote	34	0	
6H.04	486	6F.19	DETOUR Sign (W20-2)	05/03/21	E-Vote	34	0	
6H.05	487	6F.20	ROAD (STREET) CLOSED Sign (W20-3)	05/03/21	E-Vote	34	0	
6H.06	488	6F.21	ONE LANE ROAD Sign (W20-4)	05/03/21	E-Vote	34	0	
6H.07	489	6F.22	Lane(s) Closed Signs (W20-5, W20-5a, and W9-3)	05/03/21	E-Vote	34	0	
6H.08	490	6F.24	Lane Ends Signs (W4-2, W9-2a)	05/03/21	E-Vote	34	0	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
6H.09		6F.25	ON RAMP Plaque (W13-4P)	DTD	DTD			
6H.10		6F.26	RAMP NARROWS Sign (W5-4)	DTD	DTD			
6H.11		6F.27	SLOW TRAFFIC AHEAD Sign (W23-1)	DTD	DTD			
6H.12		6F.28	EXIT OPEN and EXIT CLOSED Signs (E5-2, E5-2a)	DTD	DTD			
6H.13		6F.29	EXIT ONLY Sign (E5-3)	DTD	DTD			
6H.14		6F.30	NEW TRAFFIC PATTERN AHEAD Sign (W23-2)	DTD	DTD			
6H.15		6F.31	Flagger Signs (W20-7, W20-7a)	DTD	DTD			
6H.16		6F.32	Two-Way Traffic Sign (W6-3)	DTD	DTD			
6H.17		6F.76	Opposing Lane Traffic Divider Sign (W6-4)	05/03/21	E-Vote	34	0	
6H.18		6F.33	Workers Signs (W21-1, W21-1a)	DTD	DTD			
6H.19		6F.34	FRESH OIL (TAR) Sign (W21-2)	DTD	DTD			
6H.20		6F.35	ROAD MACHINERY AHEAD Sign (W21-3)	DTD	DTD			
6H.21		6F.36	Motorized Traffic Signs (W8-6, W11-10)	DTD	DTD			
6H.22		6F.37	Shoulder Work Signs (W21-5, W21-5a, W21-5b)	DTD	DTD			
6H.23		6F.38	SURVEY CREW Sign (W21-6)	DTD	DTD			
6H.24	491	6F.39	UTILITY WORK Sign (W21-7)	05/03/21	E-Vote	34	0	
6H.25	492	6F.40, 6F.41, 6F.42, 6F.43	Signs for Blasting Areas	05/03/21	E-Vote	34	0	
6H.26		6F.44	Shoulder Signs and Plaque (W8- 4, W8-9, W8-17, and W8-17P)	DTD	DTD			
6H.27		6F.45	UNEVEN LANES Sign (W8-11)	DTD	DTD			
6H.28		6F.46	STEEL PLATE AHEAD Sign (W8-24)	DTD	DTD			
6H.29		6F.47	NO CENTER LINE Sign (W8-12)	DTD	DTD			
6H.30		6F.48	Reverse Curve Signs (W1-4 Series)	DTD	DTD			
6H.31		6F.49	Double Reverse Curve Signs (W24-1 Series)	DTD	DTD			
6H.32		6F.52	Advisory Speed Plaque (W13- 1P)	DTD	DTD			
6H.33		6F.53	Supplementary Distance Plaque (W7-3aP)	05/03/21	E-Vote	34	0	
6H.34		6F.54	Motorcycle Plaque (W8-15P)	DTD	DTD			
6H.35		6F.56	ROAD WORK NEXT XX MILES Sign (G20-1)	DTD	DTD			
6H.36		6F.57	END ROAD WORK Sign (G20-2)	DTD	DTD			
6H.37		6F.58	PILOT CAR FOLLOW ME Sign (G20-4)	DTD	DTD			
6H.38		6F.50	Other Warning Signs	05/03/21	E-Vote	34	0	
6I.01		6F.55	Guide Signs - General	DTD	DTD			
6I.02		6F.59	Detour Signs (M4-8, M4-8a, M4- 8b, M4-9, M4-9a, M4-9b, M4-9c, M4-10)	DTD	DTD			
6I.03		6F.28	EXIT CLOSED Panel	DTD	DTD			
6J.01	493	6F.77	Pavement Markings in TTC Zones	04/27/21	E-Vote	33	2	
6J.02		6F.78	Temporary Markings	DTD	DTD			
6J.03	494	6F.79	Temporary Raised Pavement Markers	DTD	DTD			
6J.04		6F.80	Delineators	04/27/21	E-Vote	34	1	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
6K.01	495	6F.63	Channelizing Devices – General	05/03/21	E-Vote	33	1	
6K.02	496	6F.63	Pedestrian Channelizing Devices	05/03/21	E-Vote	32	2	
6K.03		6F.64	Cones	DTD	DTD			
6K.04		6F.65	Tubular Markers	DTD	DTD			
6K.05		6F.66	Vertical Panels	DTD	DTD			
6K.06		6F.67	Drums	DTD	DTD			
6K.07	497	6F.68	Type 1, 2, or 3 Barricades	05/03/21	E-Vote	34	0	
6K.08		6F.69	Direction Indicator Barricades	DTD	DTD			
6K.09		6F.70	Temporary Traffic Barriers as Channelizing Devices	05/03/21	E-Vote	34	0	
6K.10		6F.71	Longitudinal Channelizing Devices	DTD	DTD			
6K.11	498	6F.72	Temporary Lane Separators	DTD	DTD			
6K.12		6F.73	Other Channelizing Devices	DTD	DTD			
6L.01	499	6F.84	Temporary Traffic Control Signals	DTD	DTD			
6L.02		6E.04	Automated Flagger Assistance Devices – General	DTD	DTD			
6L.03	500	6E.05	STOP / SLOW Automated Flagger Assistance Devices	05/03/21	E-Vote	34	0	
6L.04		6E.06	Red/Yellow Lens Automated Flagger Assistance Devices	DTD	DTD			
6L.05	501	6F.60	Portable Changeable Message Signs	05/03/21	E-Vote	34	0	
6L.06		6F.61	Arrow Boards	DTD	DTD			
6L.07	502, 507	6F.83	Flashing Beacons and Warning Lights	05/03/21	E-Vote	33	0	
6L.08		6F.62	High-Level Warning Devices (Flag Trees)	DTD	DTD			
6M.01	503	New	General	05/03/21	E-Vote	34	0	
6M.02	504	6F.85	Positive Protection and Temporary Traffic Barriers	05/03/21	E-Vote	33	1	
6M.03		6F.75	Temporary Raised Islands	DTD	DTD			
6M.04	505	6F.74	Detectable Edging for Pedestrians	DTD	DTD			
6M.05	506	6F.86	Crash Cushions	05/06/21	Session	31	0	3
6M.06		6F.87	Rumble Strips	DTD	DTD			
6M.07		6F.88	Screens	DTD	DTD			
6M.08	508	6F.82	Lighting for Night Work	05/03/21	E-Vote	33	1	
6N.01	507, 509	6G.02	Work Duration	05/03/21	E-Vote	32	2	
6N.02		6G.03	Location of Work	DTD	DTD			
6N.03		6G.04	Modifications to Fulfill Special Needs	DTD	DTD			
6N.04	510	6G.05	Work Affecting Pedestrian and Bicycle Facilities	05/03/21	E-Vote	32	2	
6N.05	511	6G.06	Work Outside of the Shoulder	05/03/21	E-Vote	34	0	
6N.06		6G.07	Work on the Shoulder with No Encroachment	DTD	DTD			
6N.07		6G.08	Work on the Shoulder with Minor Encroachment	DTD	DTD			
6N.08		6G.09	Work Within the Median	DTD	DTD			
6N.09		6G.10	Work Within the Traveled Way of a Two-Lane Highway	DTD	DTD			
6N.10		6G.11	Work Within the Traveled Way of an Urban Street	DTD	DTD			
6N.11		6G.12	Work Within the Traveled Way of a Multi-Lane, Non-Access Controlled Highway	DTD	DTD			
6N.12		6G.13	Work Within the Traveled Way at an Intersection	05/03/21	E-Vote	34	0	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
6N.13	512	6G.14	Work Within the Traveled Way of a Freeway or Expressway	05/03/21	E-Vote	34	0	
6N.14	513	6G.15	Two-Lane, Two-Way Traffic on One Roadway of a Normally Divided Highway	05/03/21	E-Vote	34	0	
6N.15		6G.16	Crossovers	DTD	DTD			
6N.16		6G.17	Interchanges	DTD	DTD			
6N.17		6G.18	Work in the Vicinity of a Grade Crossing	DTD	DTD			
6N.18		6G.19	Work During Nighttime Hours	DTD	DTD			
6N.19	514	New	Late Merge	05/03/21	E-Vote	33	1	
6O.01	515	6I.01	General	04/27/21	E-Vote	34	1	
6O.02		6I.02	Major Traffic Incidents	DTD	DTD			
6O.03		6I.03	Intermediate Traffic Incidents	DTD	DTD			
6O.04		6I.04	Minor Traffic Incidents	DTD	DTD			
6O.05		6I.05	Use of Emergency-Vehicle Lighting	DTD	DTD			
6P.01	516	6H.01	Typical Applications	04/27/21	E-Vote	35	1	
TA-1	516	TA-1	Work Beyond a Shoulder	DTD	DTD			
TA-2	516	TA-2	Blasting Zone	DTD	DTD			
TA-3	516	TA-3	Work on Shoulders	DTD	DTD			
TA-4	516	TA-4	Short Duration or Mobile Operation on a Shoulder	DTD	DTD			
TA-5	516	TA-5	Shoulder Closure on a Freeway	DTD	DTD			
TA-6	516	TA-6	Shoulder Work with Minor Encroachment	DTD	DTD			
TA-7	516	TA-7	Road Closure with a Diversion	04/27/21	E-Vote	35	0	
TA-8	516	TA-8	Road Closure with an Off-Site Detour	DTD	DTD			
TA-9	516	TA-9	Overlapping Routes with a Detour	DTD	DTD			
TA-10	516	TA-10	Lane Closure on a Two-Lane Road Using Flaggers	DTD	DTD			
TA-11	516	TA-11	Lane Closure on a Two-Lane Road With Low Traffic Volumes	DTD	DTD			
TA-12	516	TA-12	Lane Closure on a Two-Lane Road Using Traffic Control Signals	DTD	DTD			
TA-13	516	TA-13	Temporary Road Closure	DTD	DTD			
TA-14	516	TA-14	Haul Road Crossing	04/27/21	E-Vote	32	1	
TA-15	516	TA-15	Work in the Center of a Road With Low Traffic Volumes	DTD	DTD			
TA-16	516	TA-16	Surveying Along the Center Line of a Road With Low Traffic Volumes	DTD	DTD			
TA-17	516	TA-17	Mobile Operations on a Two-Lane Road	DTD	DTD			
TA-18	516	TA-18	Lane Closure on a Minor Street	DTD	DTD			
TA-19	516	TA-19	Detour for One Travel Direction	DTD	DTD			
TA-20	516	TA-20	Detour for a Closed Street	DTD	DTD			
TA-21	516	TA-21	Lane Closure on the Near Side of an Intersection	DTD	DTD			
TA-22	516	TA-22	Right-Hand Lane Closure on the Far Side of an Intersection	04/27/21	E-Vote	35	1	
TA-23	516	TA-23	Left-Hand Lane Closure on the Far Side of an Intersection	DTD	DTD			
TA-24	516	TA-24	Half Road Closure on the Far Side of an Intersection	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
TA-25	516	TA-25	Multiple Lane Closures at an Intersection	DTD	DTD			
TA-26	516	TA-26	Closure in the Center of an Intersection	DTD	DTD			
TA-27	516	TA-27	Closure at the Side of an Intersection	DTD	DTD			
TA-28	516	TA-28	Sidewalk Detour or Diversion	04/27/21	E-Vote	29	7	
TA-29	516	TA-29	Crosswalk Closures and Pedestrian Detours	04/27/21	E-Vote	28	8	
TA-30	516	TA-30	Interior Lane Closure on a Multi-Lane Street	DTD	DTD			
TA-31	516	TA-31	Lane Closure on a Street with Uneven Directional Volumes	DTD	DTD			
TA-32	516	TA-32	Half Road Closure on a Multi-Lane, High-Speed Highway	DTD	DTD			
TA-33	516	TA-33	Stationary Lane Closure on a Divided Highway	DTD	DTD			
TA-34	516	TA-34	Lane Closure with a Temporary Traffic Barrier	DTD	DTD			
TA-35	516	TA-35	Mobile Operation on a Multi-Lane Road	DTD	DTD			
TA-36	516	TA-36	Lane Shift on a Freeway	DTD	DTD			
TA-37	516	TA-37	Double Lane Closure on a Freeway	DTD	DTD			
TA-38	516	TA-38	Interior Lane Closure on a Freeway	DTD	DTD			
TA-39	516	TA-39	Median Crossover on a Freeway	DTD	DTD			
TA-40	516	TA-40	Median Crossover for an Entrance Ramp	DTD	DTD			
TA-41	516	TA-41	Median Crossover for an Exit Ramp	DTD	DTD			
TA-42	516	TA-42	Work in the Vicinity of an Exit Ramp	DTD	DTD			
TA-43	516	TA-43	Partial Exit Ramp Closure	DTD	DTD			
TA-44	516	TA-44	Work in the Vicinity of an Entrance Ramp	DTD	DTD			
TA-45	516	TA-45	Temporary Reversible Lane Using Movable Barriers	DTD	DTD			
TA-46	516	TA-46	Work in the Vicinity of a Grade Crossing	DTD	DTD			
TA-47		New	Bicycle Lane Closure Without Detour	04/27/21	E-Vote	34	1	
TA-48		New	Bicycle Lane Closure With On-Road Detour	04/27/21	E-Vote	34	1	
TA-49		New	Shared-Use Path Closure with a Diversion	DTD	DTD			
TA-50		New	On-Road Detour for Shared-Use Path	04/27/21	E-Vote	32	1	
TA-51		New	Paved Shoulder Closure with Bicycle Diversion onto Temporary Path	DTD	DTD			
TA-52		New	Short-Term or Short Duration Work in a Roundabout	04/27/21	E-Vote	33	0	
TA-53		New	Flagging Operation on a Single-Lane Roundabout	DTD	DTD			
TA-54		New	Inside Lane Closure on a Multi-Lane Roundabout	DTD	DTD			
7A.01	517, 518	7A.04	Introduction	04/14/21	E-Vote	37	0	
7A.02	517	7A.02	School Route Plans and School Crossings	04/14/21	E-Vote	35	2	

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
7B.01	520	7B.01, 7B.02, 7B.03, 7B.04, 7B.05, 7B.06, 7B.07	Design of School Signs	04/14/21	E-Vote	36	1	
7B.02	521	7B.08, 7B.09, 7B.10	School Area Signs and Plaques	04/14/21	E-Vote	36	1	
7B.03	522	7B.11, 7B.12	School Crossing Signs	04/14/21	E-Vote	37	0	
7B.04	523	7B.13, 7B.14	School Bus Stop Signs	DTD	DTD			
7B.05	524	New	School Bus Stop When Flashing Sign	04/14/21	E-Vote	30	7	
7B.06	525	7B.15, 7B.16	School Speed Limit Signs and Plaques	04/14/21	E-Vote	28	9	
7B.07		7B.17	Parking and Stopping Signs (R7 and R8 Series)	DTD	DTD			
7C.01		7C.02	Crosswalk Markings	DTD	DTD			
7C.02		7C.03	Pavement Word, Symbol, and Arrow Markings	DTD	DTD			
7D.01	519, 526	7D.02, 7D.03, 7D.04	Qualifications of Adult Crossing Guards	DTD	DTD			
7D.02	527	7D.05	Operating Procedures for Adult Crossing Guards	04/14/21	E-Vote	36	1	
8A.01	528	8A.01	Introduction	01/22/21	Session	37	0	0
8A.02	529	8A.01	Highway-LRT Grade Crossings	01/22/21	Session	37	0	0
8A.03	530	8A.02	Use of Standard Devices, Systems, and Practices at Grade Crossings	01/22/21	Session	37	0	0
8A.04	531	8A.03	Use of Standard Devices, Syayems, and Practices at Highway-LRT Grade Crossings	01/22/21	Session	37	0	0
8A.05	532	8A.02, 8A.03	Engineering Studies at Grade Crossings	01/22/21	Session	37	0	0
8A.06	533	8A.04	Uniform Provisions	01/22/21	Session	37	0	0
8A.07	534	New	Minimum Track Clearance Distance	01/22/21	Session	37	0	0
8A.08	535	New	Adjacent Grade Crossings	01/22/21	Session	37	0	0
8A.09	536	8A.05	Grade Crossing Elimination	DTD	DTD			
8A.10		8A.06	Illumination at Grade Crossings	DTD	DTD			
8A.11		8A.07	Quiet Zone Treatments at Highway-Rail Grade Crossings	DTD	DTD			
8A.12	537	8C.12	Grade Crossings Within or In Close Proximity to Circular Intersections	04/06/21	Session	31	7	1
8A.13	538	New	Busway Grade Crossings	DTD	DTD			
8A.14	539	8A.08	Temporary Traffic Control Zones	03/25/21	Session	38	0	1
8B.01		8B.01	Purpose and Application	01/22/21	Session	31	2	3
8B.02	540	8B.02	Sizes of Grade Crossing Signs	01/22/21	Session	31	2	3
8B.03	541	8B.03	Grade Crossing (Crossbuck) Sign (R15-1) and Number of Tracks Plaque (R15-2P) at Active and Passive Grade Crossings	01/22/21	Session	31	2	3
8B.04	542	8B.04	Crossbuck Assemblies with YIELD or STOP Signs at Passive Grade Crossings	01/22/21	Session	31	2	3
8B.05	543	8B.05	Use of STOP (R1-1) or YIELD (R1-2) Signs without Crossbuck Signs at Highway-LRT Grade Crossings	01/22/21	Session	31	2	3
8B.06	544	8B.06	Grade Crossing Advance Warning Signs (W10-1 through W10-4)	01/22/21	Session	31	2	3

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
8B.07	545	8B.09	DO NOT STOP ON TRACKS Sign (R8-8)	01/22/21	Session	31	2	3
8B.08	546	8B.10	TRACKS OUT OF SERVICE Sign (R8-9)	01/22/21	Session	31	2	3
8B.09		8B.11	STOP HERE WHEN FLASHING Sign (R8-10, R8-10a)	01/22/21	Session	31	2	3
8B.10		8B.12	STOP HERE ON RED Sign (R10- 6, R10-6a)	01/22/21	Session	31	2	3
8B.11		8B.07	EXEMPT Grade Crossing Plaques (R15-3P, W10-1aP)	01/22/21	Session	31	2	3
8B.12		8B.13	Light Rail Transit Only Lane Signs (R15-4 Series)	01/22/21	Session	31	2	3
8B.13		8B.14	Do Not Pass Light Rail Transit Signs (R15-5, R15-5a)	01/22/21	Session	31	2	3
8B.14		8B.15	No Motor Vehicles On Tracks Signs (R15-6, R15-6a)	01/22/21	Session	31	2	3
8B.15		8B.16	Divided Highway with Light Rail Transit Crossing Signs (R15-7 Series)	01/22/21	Session	31	2	3
8B.16	547	8B.23	Low Ground Clearance Grade Crossing Sign (W10-5)	01/22/21	Session	31	2	3
8B.17		8B.19	Light Rail Transit Approaching- Activated Blank-Out Warning Sign (W10-7)	01/22/21	Session	31	2	3
8B.18		8B.20	TRAINS MAY EXCEED 80 MPH Sign (W10-8)	01/22/21	Session	31	2	3
8B.19		8B.21	NO TRAIN HORN Sign or Plaque (W10-9, W10-9P)	01/22/21	Session	31	2	3
8B.20	549	8B.24	Storage Space Signs (W10-11, W10-11a, W10-11b)	01/22/21	Session	31	2	3
8B.21		8B.25	Skewed Crossing Sign (W10-12)	01/22/21	Session	31	2	3
8B.22		8B.22	NO GATES OR LIGHTS Plaque (W10-13P)	01/22/21	Session	31	2	3
8B.23	550	New	Next Crossing Plaques (W10- 14P, W10-14aP)	01/22/21	Session	31	2	3
8B.24	551	New	ROUGH CROSSING Plaque (W10-15P)	01/22/21	Session	31	2	3
8B.25		8B.26	Light Rail Transit Station Sign (I- 12)	01/22/21	Session	31	2	3
8B.26	552	8B.18	Emergency Notification System Sign (I-13)	01/22/21	Session	31	2	3
8C.01	553	New	Purpose and Application	01/22/21	Session	38	0	0
8C.02	554	8B.27	Pavement Markings	01/22/21	Session	38	0	0
8C.03	555	8B.28	Stop and Yield Lines	01/22/21	Session	38	0	0
8C.04	556	New	Lane-Use Arrow Markings	01/22/21	Session	38	0	0
8C.05		New	Edge Lines, Lane Lines, Raised Pavement Markers, and Tubular Markers	01/22/21	Session	38	0	0
8C.06	557	8B.29	Dynamic Envelope Markings	01/22/21	Session	38	0	0
8D.01	558	8C.01	Introduction	01/22/21	Session	38	0	0
8D.02	559	8C.02	Flashing-Light Signals	01/22/21	Session	38	0	0
8D.03	560	8C.04	Automatic Gates	01/22/21	Session	38	0	0
8D.04	561	8C.03, 8C.05	Use of Active Traffic Control Systems at LRT Grade Crossings	01/22/21	Session	38	0	0
8D.05	562	8C.06	Exit Gate and Four-Quadrant Gate Systems	01/22/21	Session	38	0	0
8D.06		8C.07	Wayside Horn Systems	DTD	DTD			
8D.07	563	New	Another Train Coming	DTD	DTD			
8D.08		8C.08	Rail Traffic Detection	DTD	DTD			

Spring 2021 NCUTCD Meeting
List of Council Actions by NPA Section

Draft 11th Ed MUTCD Section	NPA Item	2009 MUTCD Section	Title	Approved by Council	Approval Venue	Yes	No / Discuss	Abstain
8D.09	564	8C.09	Use of Traffic Control Signals at Grade Crossings	DTD	DTD			
8D.10	565	8C.09	Preemption of Highway Traffic Signals at or Near Grade Crossings	01/22/21	Session	38	0	1
8D.11	566	8B.08	Movements Prohibited During Preemption	DTD	DTD			
8D.12	567	8C.09	Pre-Signals at or Near Grade Crossings	01/22/21	Session	38	0	1
8D.13	568	New	Queue Cutter Signals at or Near Grade Crossings	01/22/21	Session	38	0	1
8D.14	569	New	Warning Beacons or LED-Enhanced Warning Signs at Grade Crossings	DTD	DTD			
8D.15	570	8C.10	Traffic Control Signals at or Near Highway-LRT Grade Crossings	DTD	DTD			
8D.16	571	8C.11	Use of LRT Signals for Control of LRT Vehicles at Highway-LRT Grade Crossings	01/22/21	Session	38	0	1
8E.01	572	8D.01	Purpose	DTD	DTD			
8E.02	573	8D.02	Use of Standard Devices, Systems, and Practices	02/20/21	E-Vote	39	0	
8E.03	574	8D.03	Pathway and Sidewalk Grade Crossing Signs and Markings	02/20/21	E-Vote	39	0	
8E.04	575	8D.04	Stop Lines, Edge Lines, and Detectable Warnings	02/20/21	E-Vote	38	1	
8E.05	576	8D.05	Passive Traffic Control Devices--Crossbuck Assemblies	DTD	DTD			
8E.06	577	New	Passive Traffic Control Devices – Swing Gates, Fencing, and Pedestrian Barriers	DTD	DTD			
8E.07	578	8D.06	Active Traffic Control Systems	DTD	DTD			
8E.08	579	New	Active Traffic Control Devices – Signals	02/20/21	E-Vote	37	2	
8E.09	580	8D.06	Active Traffic Control Devices – Automatic Pedestrian Gates	02/20/21	E-Vote	37	2	
8E.10	581	8C.13	Active Traffic Control Devices – Multiple-Track Pathway or Sidewalk Grade Crossings	DTD	DTD			
9A.01	582	9A.01-9A.04	General	DTD	DTD			
9A.02	584	9B.01, 9B.02	Standardization of Application for Signing	DTD	DTD			
9A.03	585	9C.01, 9C.02	Standardization of Application for Markings	03/29/21	E-Vote	40	0	
9B.01	587	9B.03	STOP and YIELD Signs (R1-1, R1-2)	04/06/21	Session	34	4	1
9B.02	588	New	Except Bicycles Plaque (R3-7bP)	DTD	DTD			
9B.03	589	New	Advance Intersection Lane Control Signs for Bicycle Lanes (R3-8 Series)	03/29/21	E-Vote	38	2	
9B.04	590	9B.04	Bike Lane Signs and Plaques (R3-17, R3-17aP, R3-5hP)	DTD	DTD			
9B.05		9B.05	BEGIN RIGHT TURN LANE YIELD TO BIKES Sign (R4-4)	DTD	DTD			
9B.06		9B.07	Bicycle WRONG WAY Sign and RIDE WITH TRAFFIC Plaque (R5-1b, R9-3cP)	DTD	DTD			
9B.07		9B.08	NO MOTOR VEHICLES Sign (R5-3)	DTD	DTD			
9B.08	591	9B.09	Selective Exclusion Signs	DTD	DTD			

Spring 2021 NCUTCD Meeting
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9B.09		9B.10	No Parking Bike Lane Signs (R7-9, R7-9a)	DTD	DTD			
9B.10	592	New	Back-In Parking Sign (R7-10)	03/29/21	E-Vote	38	2	
9B.11	593	9B.11	Bicycles Use Ped Signal (R9-5)	03/29/21	E-Vote	40	0	
9B.12	594	9B.11	Bicycles Yield to Peds Sign (R9-6)	03/25/21	Session	34	0	1
9B.13		9B.12	Shared-Use Path Restriction Sign (R9-7)	DTD	DTD			
9B.14	595	9B.06	Bicycles May Use Full Lane Sign (R4-11)	DTD	DTD			
9B.15	596	New	Bicycle Passing Clearance Sign (R4-19)	03/29/21	E-Vote	38	2	
9B.16	597	New	Bicycles Use Shoulder Only Sign (R9-21)	03/25/21	Session	34	0	1
9B.17	598	New	Signing for Bicycles on Freeways and Expressways	DTD	DTD			
9B.18	599	IA-20	Two-Stage Bicycle Turn Box Regulatory Signing (R9-23 series)	03/25/21	Session	33	1	1
9B.19	600	New	Bicycle Jughandle Signs (R9-24, R9-25, R9-26, and R9-27 Series)	03/25/21	Session	33	0	0
9B.20	601	9B.11, 9B.13	Bicycle Actuation Signs (R10-4, R10-22, R10-24, R10-25, and R10-26)	DTD	DTD			
9B.21	602	New	LEFT TURN YIELD TO Bicycles Sign (R10-12b)	DTD	DTD			
9B.22	603	IA-16	Bicycle SIGNAL Signs (R10-40, R10-40a, R10-41, R10-41a, R10-41b)	03/25/21	Session	35	1	0
9B.23	604	8B.17	LOOK Sign (R15-8)	DTD	DTD			
9B.24		9B.14	Other Regulatory Signs	DTD	DTD			
9B.25	605	New	General Service Signing for Bikeways	DTD	DTD			
9C.01		9B.15	Turn or Curve Warning Signs (W1 Series)	DTD	DTD			
9C.02		9B.16	Intersection Warning Signs (W2 Series)	DTD	DTD			
9C.03		9B.17	Bicycle Surface Condition Warning Sign (W8-10)	DTD	DTD			
9C.04		9B.18	Bicycle Warning and Combined Bicycle/Pedestrian Signs (W11-1 and W11-15)	DTD	DTD			
9C.05	153, 606	New	Except Bicycles Plaque (W16-20P)	DTD	DTD			
9C.06	607	New	Bicycle Cross Traffic Warning Plaques (W16-21P)	03/29/21	E-Vote	37	3	
9C.07	608	New	Bicycle Lane Ends Warning Sign (W9-5) and Bicycles Merging Sign (W9-5a)	DTD	DTD			
9C.08	609	9B.19	Other Bicycle Warning Signs	DTD	DTD			
9C.09	610	9B.26	Object Markers	DTD	DTD			
9D.01	611	9B.20	Bicycle Destination Signs (D1-1b, D1-1c, D1-2b, D1-2c, D1-3b, D1-3c)	04/27/21	E-Vote	28	7	
9D.02	612	9B.20	BIKE ROUTE Guide Signs (D11-1, D11-1c, D11-1d, D11-1e, D11-1f, D11-1g)	04/27/21	E-Vote	29	6	
9D.03	613	9D.03	BIKE ROUTE Plaque (D11-1bP)	04/27/21	E-Vote	34	1	
9D.04	614	9B.21	Numbered Bikeway Systems	04/27/21	E-Vote	33	2	
9D.05	615	9B.21	Numbered Bicycle Route Signs (M1-8, M1-8a)	04/27/21	E-Vote	35	0	

Spring 2021 NCUTCD Meeting
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9D.06	616	New	Non-Numbered Bicycle Route Sign (M1-8b, M1-8c)	04/27/21	E-Vote	34	1	
9D.07	617	9B.21, IA-15	U.S. Bicycle Route Sign (M1-9)	DTD	DTD			
9D.08	618	9B.22	Bicycle Route Sign Auxiliary Plaques	05/03/21	Session	34	0	0
9D.09	619	9B.23	Bicycle Parking Signs (D4-3, D4-4)	04/27/21	E-Vote	35	0	
9D.10	620	9B.24	Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)	DTD	DTD			
9D.11		9B.25	Mode-Specific Directional Guide Signs for Shared-Use Paths (D11-1a, D11-2, D11-3, D11-4)	DTD	DTD			
9D.12	621	New	Destination Guide Signs for Shared-Use Paths (D11-10a, D11-10b, D11-10c)	04/22/21	Session	37	0	1
9D.13	622	IA-20	Two-Stage Bicycle Turn Box Guide Signing (D11-20 series)	04/22/21	Session	38	0	0
9E.01	623	9C.04	Bicycle Lanes	04/14/21	E-Vote	28	9	
9E.02	624	9C.04	Bicycle Lanes at Intersecton Approaches	04/06/21	Session	38	0	0
9E.03	625	New	Extensions of Bicycle Lanes through Intersections	04/06/21	Session	34	0	1
9E.04	626	New	Bicycle Lanes at Driveways	DTD	DTD			
9E.05	627	9C.04	Bicycle Lanes at Circular Intersections	04/06/21	Session	32	1	2
9E.06	628	New	Buffer-Separated Bicycle Lanes	04/06/21	Session	40	0	0
9E.07	629	New	Separated Bicycle Lanes	05/06/21	Session	34	0	1
9E.08	630	New	Counter-Flow Bicycle Lanes	04/06/21	Session	36	0	0
9E.09	631	9C.07	Shared-Lane Marking	04/06/21	Session	31	1	0
9E.10	632	New	Shared-Lane Markings for Circular Intersections	04/08/21	Session	34	0	1
9E.11	633	IA-20	Two-Stage Bicycle Turn Boxes	04/08/21	Session	36	0	1
9E.12	634	IA-18	Bicycle Box	04/08/21	Session	30	3	1
9E.13	635	9C.03	Shared-Use Paths	04/08/21	Session	32	0	1
9E.14	636	New	Bicycle Route Pavement Markings	04/08/21	Session	34	0	1
9E.15	637	9C.05	Bicycle Detector Symbol	DTD	DTD			
9E.16		9C.06	Pavement Markings for Obstructions	DTD	DTD			
9E.17	638	9C.04	Raised Devices	04/08/21	Session	37	1	0
9F.01		9D.01	Application	DTD	DTD			
9F.02	639	IA-16	Bicycle Signal Face	DTD	DTD			
9F.03		9D.02	Signal Operations for Bicycles	DTD	DTD			
Appendix A1	647	Appendix A1	Congressional Actions	04/19/21	E-Vote	36	1	
Appendix A2		Appendix A2	Metric Conversions	02/27/21	E-Vote	34	0	

Spring 2021 NCUTCD Meeting
Links to NCUTCD Comment Submissions

4R	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2425_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2425
4S	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2426_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2426
4T	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2427_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2427
4U	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2428_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2428
5A	https://ncutcd.org/wp-content/uploads/DocketComments/Ch5AforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-5776
5B	https://ncutcd.org/wp-content/uploads/DocketComments/Ch5BforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-5779
6A	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6AforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-5758
6B	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2508_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2508
6C	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2509_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2509
6D	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2495_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2495
6E	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2496_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2496
6F	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6FforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6268
6G	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6GforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6273
6H	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6HforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6282
6I	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2499_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2499
6J	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2500_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2500
6K	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6KforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6310
6L	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6LforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6335
6M	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6MforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6360
6N	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6NforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-6433
6O	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2501_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2501
6P	https://ncutcd.org/wp-content/uploads/DocketComments/Ch6PforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-5566
7A	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2459_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2459
7B	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-1750_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-1750
7C	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2461_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2461
7D	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-1752_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-1752
8A	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2572_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2572
8B	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2573_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2573
8C	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2575_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2575
8D	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2576_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2576
8E	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2577_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2577
9A	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2429_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2429
9B	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2538_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2538
9C	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2516_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2516
9D	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-2536_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-2536
9E	https://ncutcd.org/wp-content/uploads/DocketComments/Ch9EforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-4800
9F	https://ncutcd.org/wp-content/uploads/DocketComments/Ch9FforDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-4809
App A1	https://ncutcd.org/wp-content/uploads/DocketComments/Appendix1forDocket-final.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-12377
App A2	https://ncutcd.org/wp-content/uploads/DocketComments/FHWA-2020-0001-1719_attachment_1.pdf	https://www.regulations.gov/comment/FHWA-2020-0001-1719



National Committee on Uniform Traffic Control Devices

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NCUTCD Resolution Recognizing Ray Derr

- Whereas*, the National Committee on Uniform Traffic Control Devices (NCUTCD) is an organization whose purpose is to assist in the development of standards, guides and warrants for traffic control devices and practices used to regulate, warn and guide traffic on streets and highways.
- Whereas*, the NCUTCD develops public and professional awareness of the principles of safe traffic control devices and practices and provides a forum for qualified individuals with diverse backgrounds and viewpoints to exchange professional information.
- Whereas*, the NCUTCD represents 21 sponsoring organizations and over 300 individual members.
- Whereas*, Ray Derr after 27 years of service as a Project Manager for the Transportation Research Board, National Cooperative Highway Research Program (NCHRP) in the areas of traffic engineering, geometric design and safety has announced his intention to retire.
- Whereas*, Ray has for decades provided advice, direction and leadership to the NCUTCD Research Committee.
- Whereas*, Ray has educated the NCUTCD Research Committee about the various ways to fund research.
- Whereas*, Ray has provided the NCUTCD Research Committee with strategic guidance on developing NCHRP research problem statements
- Whereas*, Ray always took the time to review and offer input on ways to improve NCUTCD developed research problem statements.
- Whereas*, Ray has been a tireless champion of NCUTCD developed research problem statements with various AASHTO subcommittees to help improve their likelihood of being selected and funded.
- Whereas*, Ray's efforts have resulted in the NCUTCD recommending numerous, research supported improvements to the Manual on Uniform Traffic Control Devices.
- Whereas*, Ray has been an energetic maven quietly connecting transportation professionals and associations to advance transportation research through innovative collaborations.
- Whereas*, Ray has consistently managed his NCHRP projects with grace and good humor, no matter how many times the panelists asked him the SAME questions.
- Whereas*, Ray has shared his passion and knowledge with patient skill and consideration, no matter how many different groups asked him to brief them on a particular project or topic.
- Resolved* that the National Committee on Uniform Traffic Control Devices on the advent of Ray Derr's retirement expresses its appreciation and recognition of Ray's contributions to transportation safety, the transportation community and the transportation profession.
- Adopted by the National Committee on Uniform Traffic Control Devices on May 06, 2021.

Gene Hawkins
NCUTCD Chair