



National Committee on Uniform Traffic Control Devices

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National Committee on Uniform Traffic Control Devices Council Meeting—Thursday-Friday, June 20-21, 2019, Columbus, Ohio Meeting Summary

Chairman Gene Hawkins called the meeting to order at 8:00 am.

Executive Secretary Bob Garrett called the roll and the following council members were present:

AAA	Jeff Bagdade	ATSSA	Roger Wentz
AAR	Tony Bellamy	HFR	Bryan Katz
AASHTO	Meg Pirkle, Chair	IACP	Rick Campbell
	Neal Boudreau	IBTTA	Maurice Palumbo
	Tom Honich	IMSA	Paul Ciupa
	Bill Lambert	ITE	Steve Jewell, Chair
	John Leonard		Dongho Chang
	Tim Crouch		Kathy Falk
	Kerry NeSmith		John Fisher
	Lee Roadifer		Marc Jacobson
AHUA	Jon Upchurch		Gene Hawkins
APBP	Peter Koonce		Brent Ogden
APTA	Jeff LaMora		Zoubir Ouadah
APWA	Steve Oliver, Chair	LAB	Rock Miller
	Bob Garbacz	NACE	Lee Billingsley, Chair
	Ralph Norwood		Jeff Blue
AREMA	French Thompson		Tim Haagsma
ARTBA	Tim Cox	NSC	Dan Magri
ASCE	Robert Bryson		

Honorary, Non-Voting Honorary Members: Jim Pline and George Butzer

Secretary Garrett declared a quorum with 37 of 37 voting members present for the Thursday session. Also present were approximately 230 other members and visitors.

Moved and seconded to approve the minutes of the last Council Meetings January 10 and 11, 2019. Motion passed unanimously.

EXECUTIVE BOARD REPORT

Chair Gene Hawkins reported that the board met the previous evening for 3.5 hours. Highlights of the Board meeting were:

- The Board heard reports on:
 - ♦ New member orientation.

- ♦ Treasury.
- ♦ Edit committee and strategic plan.
- ♦ Website improvements.
- ♦ CAV task force.
- ♦ Canadian travel committee.
- The Board approved the following actions:
 - ♦ Budget for FY 2019 and January 2020 meeting.
 - ♦ Sponsor contributions.
 - ♦ Eight new technical committee members.
 - ♦ Co vice-chairs for TTC.
 - ♦ A policy for funding travel to attend the Canadian TOMSC meetings.
 - ♦ Extension of first time attendee discount for January 2020 meeting. The Chair asked first time attendees at this meeting to stand.
 - ♦ Members for three Board committees:
 - Nomination: Steve Jewell (chair), Jonathan Upchurch, Tom Honich, Jeff Blue
 - Financial Oversight: Lee Billingsley (chair), Peter Koonce, Steve Oliver
 - Bylaws/Operating Procedures Review: Bill Lambert (chair), Neil Boudreau, Lee Billingsley, Jonathan Upchurch, Gene Hawkins, Tom Heydel
 - ♦ Dates for January 2021 and January 2022 meetings:
 - Will be Wed-Fri the same week as the TRB Annual Meeting.
 - This change is due to TRB changing the dates of its 2021 meeting.
 - For 2021, NCUTCD meeting is January 27-29.
 - ♦ New contract for Executive Secretary.
 - ♦ Sponsor applications from two organizations:
 - ITS America
 - ITSA is proposed to be in Group 2 and have 1 member + 1 associate member
 - National Association of City Transportation Officials
 - NACTO is proposed to be in Group 1 and have 3 members + 3 associate members
 - A proposed change in the Bylaws regarding these organizations will be distributed to the sponsoring organizations for review and comment. Council will vote on the Bylaws changes at the January 2020 meeting.

The Chair then recognized the new members that had been approved and presented them with NCUTCD pins. **Attachment No. 01** lists the new members.

The Chair announced that the Council General Sessions on Thursday and Friday will be considered as a single meeting, with a recess on the first day rather than adjournment.

NCUTCD ANNOUNCEMENTS

Research Committee Announcement

Research Committee chair, Bryan Katz, reported that the committee will meet Thursday afternoon and invited members and visitors to attend.

NCHRP Study on Setting Speed Limits

The Chair announced that Kay Fitzpatrick would be making two presentations on the NCHRP research study she is conducting on procedures for setting speed limits. Presentations were scheduled for the RW Technical Committee and the Research Committing meetings.

NCUTCD REPORTS

Chair Report

The Chair gave a short report, which included:

- A reminder of the Chair's goals:
 - ♦ Promote the MUTCD and the NCUTCD
 - ♦ Improve internal and external communications
 - ♦ Speed up our processes
 - ♦ Create opportunities for members
- Additional changes will be forthcoming based on the strategic plan, which is before Council for approval.
- We continue to make improvements to the website and there will be an additional report on the changes implemented to date and those that will be implemented in the near future.
- The major focus of the NCUTCD over the next few months will be to process the MUTCD NPA upon its publication.
- A reminder of the NCUTCD suggestion box on the website.

Edit Committee Report

Edit Committee chair, Bill Lambert, presented the Draft Strategic Plan, which had been sent to sponsors. The Edit Committee had received no "do not concur" votes and 65 comments, most of which were editorial and which have been incorporated into the document.

It was moved and seconded to approve the Draft Strategic Plan. Motion passed unanimously. (Attachment No. 02)

CAV Task Force Report

CAV Task Force Chair, Paul Carlson reported on the progress being made by the CAV Task Force. A new joint RW-GMI CAV Joint Task Force is taking shape with the goal of addressing

sign-related issues. The Joint Task Force has developed a research problem statement. The Markings CAV Task Force developed suggested MUTCD language that was presented, discussed, and unanimously approved by the Markings Technical Committee to send to sponsors for consideration. The Signals Technical Committee is forming a CAV Task Force as well. Currently, the NCUTCD is only organization looking into the role of traffic control devices supporting CAV deployment as well as safety of human-led vehicles.

Pedestrian Task Force Report

Pedestrian Task Force chair, Eagan Foster, reported that they had met Wednesday with 44 people in attendance. They heard reports on several projects including; experimentation with tactile surfaces and wayfinding surfaces to aid the visually impaired. The task force will be considering what changes may be needed in the UVC and the MUTCD concerning the classification of skaters, skateboard riders and scooter riders as pedestrians.

Randy McCourt presented an idea during the meeting for our participation/leadership on the development of a handbook-type document that looks at the various treatments that are available for pedestrian crossings, whether at intersections or mid-block. This item will be a departure from the usual function of the Pedestrian Task Force as a forum between technical committees to a source of action to develop a useful tool for traffic engineers that is consistent with the intent of, but not a part of the MUTCD. This is a topic for discussion the January task force meeting.

Canadian TOMSC Report

Ernie Huckaby attended the TOMSC Meeting in Ottawa, Quebec on April 5-6, 2019. At that meeting the following final reports were presented:

- Project #339 Adoption of Fluorescent Yellow Green for Crosswalk Signs as a Standard Device) TOMSC closed Project 339 and will not consider the FYG color for crosswalk signs since there was no significant difference in the behavior from the existing Canadian black on white sign.
- Project # 351 Decorative Crosswalk Pavement Markings, the project was withdrawn because additional research is needed into the safety implications. A new project was approved to complete research into the safety impacts of decorative crosswalks.

Three new projects were approved to address the need for traffic control devices at Channelized Right Turns for Skateboards, Scooters, Mobility Devices and In-Line Rollerskates:

- Project #356 (56) Cross Rides at Channelized Right Turns (traffic control devices),
- Project #357 (56) Active Mode Symbols (Develop symbols), and
- Project #358 (56) Active Mode Signal Timing (Signal timing).

HOT Topics: (This is a round table discussion by all TOMSC members on the latest projects in their jurisdictions):

- City of Edmonton installed pedestrian scramble markings at two intersections are part of a one-year pilot project to see if pedestrian scramble design can reduce/eliminate potential collisions pedestrians –vehicle collisions.
- Waterloo – Lime e-scooter pilot is a 6.5-km trail route from University of Waterloo's campus with technology park.

- Prince Edward Island (PEI) changed their regulations to increase the penalty for illegally passing /failing to stop for school bus red flashing lights to 12 demerit points, 3 months suspension of the license and fine up to \$5,000.

The next meeting in Halifax, Nova Scotia on September 21-22, 2019, Ernie's presentation is included as *Attachment No. 03*.

Website Improvements

Webmaster Marc Jacobson provided an update on recent changes to the website and future changes. Since the last meeting, the following changes have been made to the website:

- The Index of Approved Changes can now be filtered by Part, Chapter, or Section of the manual. This will be helpful when reviewing the planned upcoming NPA.
- An online version of Bob's database was created and Bob has been modifying the online database. This database provides the e-mail addresses that are used to define Listservs for all of the technical committees as well as the Executive Board and the technical committee chairs were created and tested with a very high success rate. The membership of the listserv is currently limited to those that are members of a particular technical committee.
- In the coming month or so, all members of NCUTCD will receive an email to establish an account on the website. This account will allow users to update their personal information like their employer and address information and will provide access to members only content. Prior to the January meeting, a special area will be created for each technical committee to post and share information among the membership.

FHWA Report

Kevin Sylvester, FHWA MUTCD Team Leader, gave a report of FHWA activities. He introduced his staff, indicating which parts of the MUTCD each is responsible for. He indicated that they expect the Notice of Proposed Amendments (NPA) to be published later this year and he described the rulemaking sequence after that. The FHWA presentation is included as *Attachment No. 04*.

TECHNICAL COMMITTEE RECOMMENDATIONS

TTC Committee Report

TTC Committee Chair, John Leonard, presented reported that the committee had two items sent to sponsors after the last meeting. The committee has reviewed the comments from the sponsors and approved changes to one of the items. He presented that item for approval by the Council.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-TTC-01. Motion passed unanimously. (Attachment No. 05)

RW Signs Committee Report

RW Signs Technical Committee chair, Tom Heydel, reported that the committee sent three items to sponsors after the last meeting. The committee reviewed the comments from the sponsors and made approved changes to two items. He presented those items for approval by the Council.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RW-02. Motion passed unanimously. (Attachment No. 06)

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RW-03. There was discussion and questions, with one amendment offered, which failed. Motion passed unanimously. (Attachment No. 07)

RRLRT Committee Report

RRLRT Technical Committee chair, Rick Campbell, reported that the committee had three items sent to sponsors after the last meeting. The committee reviewed the comments from sponsors and made changes to two items. He presented those items for approval by the Council.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RR-02. There was discussion and questions, with one editorial change made. Motion passed unanimously. (Attachment No. 08)

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RR-01. There was discussion and questions. Motion passed unanimously. (Attachment No. 09)

At the conclusion of the Thursday technical committee items, the Chair announced that the January 2020 meeting might extend through Saturday, depending when the NPA on the next MUTCD is published.

EXECUTIVE SECRETARY ANNOUNCEMENT

The Executive Secretary, Bob Garrett, now gave a presentation on his history, both personal and as NCUTCD Executive Secretary for the past 21 years and announced that he would be retiring after the January 2020 meeting. At the conclusion of his remarks, he received a standing ovation.

Gene then explained the process for finding a successor for Bob. The Request for Proposal (RFP) was approved by the Executive Board and will be sent to all NCUTCD members in 2-3 weeks. Applications should be sent to the NCUTCD Chair, Gene Hawkins.

There being no further business for the day, the Thursday session was recessed at 11:35 am.

Chairman Gene Hawkins reconvened the meeting at 8:00 am the following day for the Friday session.

Executive Secretary Bob Garrett called the roll and the following council members were present:

AAA	Jeff Bagdade	ATSSA	Roger Wentz
AAR	John Dinning	HFR	Bryan Katz
AASHTO	Meg Pirkle, Chair	IACP	Rick Campbell
	Neal Boudreau	IBTTA	James Powell
	Tom Honich	IMSA	Paul Ciupa
	Bill Lambert	ITE	Steve Jewell, Chair
	John Leonard		Michael Cynecki
	Tim Crouch		Kathy Falk
	Kerry NeSmith		John Fisher
	Lee Roadifer		Ahmed Aburahmah
AHUA	Jon Upchurch		Gene Hawkins
APBP	Peter Koonce		Brent Ogden
APTA	Jeff LaMora		Zoubir Ouadah
APWA	Steve Oliver, Chair	LAB	Rock Miller
	Bob Garbacz	NACE	Lee Billingsley, Chair
	Ralph Norwood		Jeff Blue
AREMA	French Thompson		Tim Haagsma
ARTBA	Tim Cox	NSC	Dan Magri
ASCE	Robert Bryson		

Honorary, Non-Voting Honorary Members: Jim Pline and George Butzer

Secretary Garrett declared a quorum with 37 of 37 voting members present for the Friday session. Also present were approximately 200 other members and visitors.

Chair Hawkins made a couple of general announcements, then yielded the podium to Vice-Chair of Programs, Bill Lambert, to lead the business portion of the Friday session.

TECHNICAL COMMITTEE REPORTS

TTC Technical Committee Report

TTC committee chair, John Leonard, reported that at their meeting on Wednesday they had 35 members and 9 visitors in attendance and on Thursday they had 40 members and 7 visitors. They will have two items to send to sponsors. He then presented 19A-TTC-02 for approval by the Council.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-TTC-02. Motion passed unanimously with one abstention.
(Attachment No. 10)

RRLRT Technical Committee Report

RRLRT Technical Committee chair, Rick Campbell, reported that at their meeting on Wednesday they had 43 members in attendance and on Thursday they had 45 members. They heard updates on CAV, an ongoing FRA research project regarding design, implementation and testing of a grade crossing warning to a CV, and the updated ITE recommended practice on preemption and the updated FHWA/FRA Grade Crossing Handbook. They will not be sending any items to sponsors. He then presented 19A-RR-03 and indicated that in sponsor comments, 68 concurred, 10 concurred in part and that there were none that did not concur.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RR-03. Motion passed unanimously. (Attachment No. 11)

GMI Signs Technical Committee Report

GMI Signs Technical Committee chair, Tom Honich, reported that at their meeting on Wednesday, they had 30 members and 10 visitors in attendance and on Thursday they had 32 members and 9 visitors. They will not be sending any items to sponsors. He then indicated that the committee prepared a resolution related to changeable message signs for approval by the Council.

After a description of the resolution, it was moved and seconded to approve the resolution. There was discussion and then the resolution was approved unanimously. (Attachment No. 12).

RW Signs Technical Committee Report

RW Signs Technical Committee chair, Tom Heydel, reported that at their meeting on Wednesday, they had 23 members and 7 visitors and on Thursday they had 24 members and 7 visitors. They had three presentations: Elijah Ferrari (NYC) on use of crash warrants for stop controlled intersections, Kay Fitzpatrick on setting of posted speed limits (NCHRP 17-76 draft), and Joe Caruso on determining advisory speeds on curves. They established three new task forces and will have one item to send to sponsors. He then presented 19A-RW-01 and indicated that they had received 216 sponsor comments which the committee had considered and made appropriate changes.

After a description of the changes made by the committee, it was moved and seconded to approve the 19A-RW-01. As a result of discussion, two amendments were proposed and approved unanimously. The amended motion passed unanimously. (Attachment No. 13)

Markings Technical Committee Report

Markings Technical Committee chair, Zoubir Ouadah, reported that at their meeting on Wednesday, they had 22 members and 10 guests and on Thursday they had 21 members and 7 guests. They will have two items to send to sponsors. He then presented 18B-MKG-02 which had been sent to sponsors in the Fall 2018.

After a description of the changes made by the committee, it was moved and seconded to approve the 18B-MKG-02. As a result of discussion, an editorial change was made to the motion. There was further discussion, and then a tabling motion was made and seconded. The tabling motion passed and the proposal was tabled.

Signals Committee Report

Signals Committee chair, John Fisher, reported that at their Wednesday meeting they had 37 members and 8 visitors and at the Thursday meeting they had 37 members and 5 visitors. On Wednesday they had a presentation by Paul Carlson on the CAV Task Force and they set up a liaison task force to work with Paul on CAV technology issues. They have no items for the Council at this time and they will have three items to go to sponsors.

Bicycle Technical Committee Report

Bicycle Technical Committee chair, Bill DeSantis, reported that at their Wednesday meeting they had 24 members and 10 visitors and on Thursday they had 23 members and 8 visitors. With 2 resignations, the BTC membership is now 34 members. They received reports from task forces and had some presentations. They will have no items for the Council today and will have no items to send to sponsors.

Research Committee Report

Research Committee chair, Bryan Katz, reported that they had met last evening with approximately 44 attendees, discussed research problem statements from each technical committee, and heard a presentation from Kay Fitzpatrick on Speed Limit Setting Algorithms.

ADJOURNMENT

Gene Hawkins assumed meeting chair and asked if there was any other business to be brought before the Council. There being none, he announced that the committee chairs should send the final approved items to Bob by next Tuesday so they can be sent to FHWA and posted on the website. Also, they should get to Bob their sponsor items by July 15.

There being no further business, the June 2019 meeting was adjourned at 9:51 am.

Respectfully submitted

Robert M. Garrett, Executive Secretary