

Meeting Notes
Marking Technical Committee
National Committee on Uniform Traffic Control Devices
January 5-6, 2005 – Washington, D.C.

- I. Call to order
 - A. Self introductions
 - B. Distribution of attendance rosters (each day)
 - C. Committee membership information
- II. Committee business
 - A. Approval of June 2004 minutes (see MTC website), motioned J. Bremelin, 2nd D. Centa, approved as presented
 - B. Research committee liaison (Dave Woodin) – Research meeting on Thursday
- III. Summary of FHWA-Technical Chairs meeting (Gene Hawkins)
- IV. Act on sponsor ballots (see MTC website for sponsor comments)
 - A. Roundabouts (Dan Centa and Jon Bemelen)
 - 1. Lee Rodegerdts, Kittleson Assoc. presentation (proposed language attached)
 - a. Reference to advance signals for pedestrians can remain in Part 3
 - b. Need to coordinate termination of bicycle lanes on approaches with Part 9
 - c. Left turn arrow vs. through arrow at approach vs. fish hook arrow
 - i. Motion by C. Robinson, 2nd by W. Wilshire to not show advance lane use arrows on Fig.1 , defeated 10-11
 - ii. Motion by C. Robinson, 2nd by D. Woodin to table discussion (not present to Committee) at Jan., 2005 meeting, defeated, 3-19
 - 2. Determined not to present to full committee until R/W and G/MI Technical Committees address roundabout issues.
- V. New Business
 - A. FHWA request for input (see MTC website)
- VI. MTC task forces
 - A. Accessibility Issues/Detectable Warnings (i.e. truncated domes) – Jim Ellison
 - 1. task force included Jim Ellison, Duane Thomas, Janet Barlow, Scott Windley, and John LaPlante
 - 2. Proposed support language included in Part 3B-17 (attached)
 - B. Delineator task force – Tim Taylor
 - 1. Tabled for task force review (add Jim Kalchbrenner, Duane Thomas, Carlton Robinson, and Jeff Tidabek)
 - 2. Initial task to consider issues related to single vs. double delineators expanded to include rewrite of entire chapter (not necessarily given high priority in 2000 MUTCD rewrite)
 - 3. Tasked to explain significant changes
 - 4. Also tasked to consider snow belt vs. warm weather regions.
 - C. Lane drop markings and extensions – John Bemelen
 - 1. Bruce Friedman reviewing the dotted line practice as part of his NCHRP Synthesis (36-06) on pavement marking design and typical layout.
 - 2. Table item pending NCHRP results.

- D. White marking for lane changing – Neil Hodson, Jim Ellison, Joel Marcuson
 - 1. Motion to consider for future presentation to full committee, passed
 - 2. Item tabled pending results of NCHRP 36-06 Synthesis (Bruce Friedman).
 - E. Stop and yield lines – Duane Thomas
 - 1. Review draft language to allow yield lines for left turn lanes at unsignalized intersections. Consensus not to include language to allow this practice
 - 2. Proposed language to require STOP lines only to be used for STOP conditions, expressively not to be used with YIELD sign at RR crossings.
 - 3. B. Lambert to forward to Bob Garrett to send to sponsors
 - F. Bicycle markings – Bicycles Technical Committee representative: NO REPORT
 - G. Merge Condition Markings – Roger Dyer: NO REPORT
 - H. Traffic Control Devices on Private Property : NO REPORT (COULD BE COMBINED WITH URBANIZATION ISSUES, LED BY JIM ELLISON, AT SUBSEQUENT MEETINGS)
 - I. Urbanization Issues – Dan Centa
 - 1. Jim Ellison to lead task force for subsequent meetings.
 - J. Rumble strips (transverse and longitudinal) – Dan Navone: NO REPORT
 - K. Pavement Marking Tapers – Steve Bolt: NO REPORT
 - L. Private Property Marking Issues – Bill Wilshire: NO REPORT (SEE “H” ABOVE)
 - M. Joint Pedestrian task force – Dave Woodin
 - N. Left turn/U-turn combination
 - 1. Hans Jensen and Ross Airomloo to develop language and figures to send to sponsors. Consensus to develop markings similar to signs used in Nevada and California (e.g.)
- VII. Presentations/Guests
- A. NCHRP Synthesis for Pavement Markings – Design and Typical Layout Details – Bruce Friedman
 - 1. Report due to TRB in May, 2005
 - 2. Anticipate MTC to review report beginning June 2005 for possible items for NPA
 - 3. Handout attached (Bruce to provide electronic copy)
 - B. Pavement marking retroreflectivity sampling issues – Glenn Thamer
 - 1. Question about retroreflectivity standard for initial installation on hot mix asphalt vs. chip seal pavement. Recommend using the same minimum standard, regardless of surface type.
 - 2. Question relative to ASTM sampling methods. Note that ASTM is rewriting section re: sampling.
 - C. Use of yellow markings on exit ramps – Murray Bodin
 - 1. M. Bodin tasked with developing language for June 2005.
 - D. Update on FHWA research on speed reduction markings – Bryan Katz
 - 1. Following presentation, technical committee to consider whether item has merit for specific language in the MUTCD
 - E. Guide Signs at roundabouts – Fred Hanscom/Brian Katz
 - 1. Recommends route destinations on pavement within lane on approaches
 - 2. Consensus to agree that agencies may use lane assignment arrows on roundabout approaches

3. In lieu of lane assignment arrows, agencies may use horizontal signage (i.e. route designation)
 - F. Shared Roadway Marking – Tim Oliver and John Ciccarelli
 1. Proposed Part 9 language attached, including new symbol (bicycle plus chevrons)
 2. Motion by chair, 2nd by S. Thorson to support sending to sponsors.
 3. Proposed language attached (need to attach info from Oliver)
 - G. Edit Committee – Carlton Robinson
 1. Edit Committee is going to try to develop a new definition of a traffic control device
 2. Recommended changes to Part 3 to remove “subjective” words, handout attached (need to scan attachment offered by Robby)
 3. Task force of G. Hawkins, S. Thorson, and B. Lambert to review recommended changes from Edit Committee
 - H. Pavement Marking minimum retroreflectivity – Gene Hawkins
 1. Task force to review ATSSA recommendations and develop proposed language prior to June, 2005: D. Centa, J. Ellison, N. Hodson, D. Jones, H. Jensen, R. Dyar (chair).
- VIII. FHWA MUTCD marking issues – see attachment (this is a list provided by Scott Wainwright – priorities will be identified at the meeting)
- A. Review items for proposed language for June, 2005 (Buffalo). Task force members to be determined by chair, vice chair following meeting.
 1. Items 3-12: (to be determined)
 2. Items 13-22: (to be determined)
 3. Items 23-31: (to be determined)
 4. Items 32-38: (to be determined)
- IX. Other items
- A. FHWA letters: NO REPORT
 - B. NCHRP research: NO REPORT
 - C. FWHA
 1. Operations – Ernie Huckaby: NO REPORT
 2. Research – Ken Opiela: NO REPORT
 - D. Related organizations
 1. ASTM: NO REPORT
 2. TRB: NO REPORT
 3. ATSSA: NO REPORT
 4. NTPEP: NO REPORT
- X. Meeting wrap-up
- A. Review minutes of current meeting
 - B. Prepare agenda for next meeting, to be completed by G. Hawkins, D. Woodin, B. Lambert following meeting and posted on MTC website
 - C. Develop and maintain single document for NPA changes, will be by Bill Lambert
 - D. Jon Dufresne noted his June 2005 retirement from VADOT and noted his pleasure serving on the MTC for the past 25 years.
 - E. Adjourn