

Meeting Minutes
Marking Technical Committee
National Committee on Uniform Traffic Control Devices
June 28-30, 2006 – Overland Park, KS

- I. Call to order (Dave Woodin)
 - A. Self introductions
 - B. Distribution of attendance rosters (each day)
 - C. Committee membership information
- II. Committee business
 - A. Approval of January 2006 minutes (see MTC website): Moved by S. Thorson, 2nd by J. Bemelin, approved unanimously
 - B. Summary of FHWA-Technical Chairs meeting (D. Woodin):
 - 1. Human Factors to include representation from each Technical Committee. Phil Garvey, MTC will chair and will also represent MTC. J. Kalchbrenner will serve as backup for MTC
 - 2. Sponsor comments need to be to Bob Garrett by 9/1/06.
 - 3. Subsequent Technical Chairs meetings will be without FHWA.
 - C. Report from the Edit Committee (Tim Taylor)
 - 1. No report as T. Hicks was called back to Maryland to respond to regional flood damage.
- III. Act on sponsor ballots (see NCUTCD website for sponsor comments)
 - A. Splatter markings (Dave Jones)
 - 1. Text revised to address sponsor comments, moved by D. Jones, second by T. Taylor, approved 14-3 (1 abstention). Approved by National Committee on 6/29/06.
- IV. Presentations
 - A. Richard Moeur, Bicycle Technical Committee
 - 1. Proposed modification to Part 3B.07 to remove “bicycle lanes” as that language as it conflicts with definition of bicycle lanes in Part 9.
- V. Review status of MTC task forces
 - A. Rumble strips and rumble stripes – Duane Thomas
 - 1. Members: Duane Thomas (chair), J. Kalchbrenner, N. Hodson, D. Jones, S. Zeller, G. Thamer, D. Alsabrook, J. Shamay
 - 2. Charge:
 - a. Determine whether rumble strips and/or rumble stripes are traffic control devices.
 - b. Per D. Jones “The camel has more than his nose under the tent” as FHWA has determined that a rumble strip is a traffic control device (S. Wainwright subsequently noted that FHWA has not made such a decision).
 - B. Safe routes to schools – Jim Ellison
 - 1. Members: Jim Ellison (chair), S. Vetter, R. Dyer, J. Tidabek, R. Airomloo, K. Kaufman, Z. Ougdah, E. Huckaby (remove following meeting), G. Rowe, H. Jensen (new member)
 - 2. Charge:
 - a. Determine what eligible activities affect Part 3 and develop language accordingly.

3. Consider addressing:
 - a. Higher visibility crosswalks (color)
 - b. Higher visibility crosswalks (pattern)
 - c. School Zone speed limit pavement markings
 - d. Pavement markings (centerline or transverse) to identify a school zone
 - e. Regional vs. neighborhood school zone applications
4. New 7C.03 Crosswalk Markings language drafted, moved by Ellison, second by Bemelin, unanimously approved.
- C. Markings for electronic toll collection lanes – Scott Thorson
 1. Members: Scott Thorson (chair), B. Lambert, M. Bodin, D. Hockstra, S. McDonald, PD Kiser, J. Marcuson (new member)
 2. Charge:
 - a. Develop Part 3 language that addresses the issue of how to identify ETC (EZ Pass) lane using pavement marking.
 3. Consider addressing:
 - a. Color, especially purple
 - b. Pattern, symbols, word messages
 - c. Review Wilbur Smith best practices for current practice
 4. Wilbur Smith report on toll plaza “best practices?” completed and made available to task force by Linda Brown, FHWA. Task force to review and report recommendations/possible sponsor language for Jan. 07 meeting.
- D. Yellow green markings - Jim Kalchbrenner
 1. Members: Jim Kalchbrenner (chair), M. Suter, N. Hodson, J. Tidabek, H. Jensen, F. Peil
 2. Charge:
 - a. Develop Part 3 language that addresses the use of yellow-green markings.
 3. Consider addressing:
 - a. Longitudinal vs. transverse markings
 - b. Bike lanes (associated with non-motorized crossings)
 - c. Determine appropriate term (“Strong”?)
 - d. Outreach to ongoing experimental applications (check with Bryan Katz, FHWA)
 - e. Material considerations
 4. Noted that Bloomington-Normal, IL uses alternating longitudinal lines for bicycle crossing (Constitutional Trail).
 5. To date, experimentation relative to yellow-green markings has been inconclusive.
 6. Dissolve task force following meeting.
- E. NCHRP Synthesis recommendations – Dave Woodin
 1. Members: Dave Woodin (chair), E. Huckaby, T. Taylor, S. Zeller, S. McDonald, D. Centa, P. Garvey, J. Kalchbrenner (new member), H. Jensen (new member)
 2. Charge:
 - a. Identify practices that are close to consensus, but not in the MUTCD.
 - b. Develop Part 3 language that would define consistent use.
 - c. Identify practices with lots of different approaches and develop Part 3 language that would provide guidance to improve consistency in practice.
 - d. Part 3B.03 relative to shadowing left turn lanes: D. Woodin to revise without preference for full or partial, and will develop new figure (Figure 3B-XX)

F. Colored Pavements – Steve Bolt

1. Members: Steve Bolt (chair), R. Airomloo, J. Bemelin, J. Marcuson, J. Sproul, J. Shamay (new member)
2. Charge:
 - a. Determination of whether colored pavements are a traffic control device
 - b. Develop Part 3 language that would address the use of colored pavements.
 - c. Consider addressing:
 - i. Use of red colored pavement for entrance points for emergency vehicle entry points
 - ii. Bike lane applications
 - iii. Traffic calming applications (European experience)
 - iv. Red as a prohibitive regulatory application (i.e. restoration of pre-2000 language)
3. No Report

G. Older Drivers, Jon Bemelin

1. Task force to develop language relative to dotted line applications (exit/entry ramps, auxiliary lanes, accel/decel lanes, turn lanes, and lane ends situations), task force to include Mike Manthey (chair), Tim Taylor, and Jim Kallenberger
2. Language to sponsors by September 1, to G. Hawkins by August 1.

VI. Potential new task forces

A. Should statement for crosswalk markings

1. Members: B. Lambert (chair), J. Tidabek, R. Aimo, J. Marcusson
2. Charge:
 - a. See listserve message from Phoenix on 1/31

B. LED Markings

1. Members: P.D. Keiser (chair), R. Aimo, D. Jones, J. Marcusson
2. Charge:
 - a. Lead discussion at Jan. 07 meeting
3. Consider addressing:
 - a. Current applications
 - b. Current MUTCD provisions?
 - c. Long term MUTCD applications

C. Transverse markings for speed reduction (Brian Katz study)

1. Members: G. Roe (chair), M. Manthey, S. Thorson, D. Woodin, D. Hockstra
2. Charge:
 - a. Review Katz study, lead discussion at Jan. 07 meeting

VII. New Business

A. Delineators considered to be moved to Part 2 (Signs), separate votes as follows:

1. Part 3C: Object Markers, approved 20-1, 1 abstention
2. Part 3D: Delineators, rejected 4-13, 3 abstentions
3. Part 3F: Barricades and Channelizing Devices, approved 19-0, 1 abstention.

B. TF report - Single yellow centerline, UVC provisions on turning across double yellow line, arrows with left turn lane signs (see 9/6/05 email from Dave Woodin) – Dave Woodin

C. Islands for non-parallel lanes (see 10/11/05 email from Scott Wainwright) – Scott Wainwright

D. In-roadway lighting (see TM+E article provided by Bob Canfield), same as LED Lines

VIII. Other items

- A. FHWA letters (if time permits)
- B. FWHA
 - 1. Operations – Scott Wainwright or Hari Kalla
 - 2. Research – Ken Opiela

IX. Meeting wrap-up

- A. Review minutes of current meeting
- B. Prepare agenda for next meeting
- C. Adjourn