

## NCUTCD BICYCLE TECHNICAL COMMITTEE (BTC)

**Meeting minutes January 5 – 7, 2005**

### **WEDNESDAY AFTERNOON BTC MEETING**

Present: John LaPlante (Acting Chair), James Mackay (Secretary), John Ciccarelli, Dwight Kingsbury, Alex Sorton, Michelle DeRobertis, Dorin Fera, Theo Petritsch, Bob Carrigan, John Allen, Tim Oliver, Ron Van Houten, Bill Fox,

Guests: Bill Schultheiss, Michael Jackson, John Schubert

Quorum achieved

### **June 2004 Minutes**

JC Move approval

TP 2<sup>nd</sup>

Unanimous. Minutes approved

### **M1-8a Sign Sponsor Comments**

Response to Palumbo comment -Existing placards already defined, could be used.

Response to Kentucky comment – Precedent of unique logos already established.

Response to Minnesota comment - Alphanumeric designations already defined in 2D.11.

Response to Pennsylvania comment – M1-8 route sign already defined. Pennsylvania's proposed changes to it would be outside of the scope of this proposal.

Response to Virginia comment – Size of sign appropriate for bicycle speeds.

Response to Vermont comment – If they want to name bike routes, they do not have to use the M1-8 sign.

Summary –No need to change proposal.

TP – Move to take to National as currently written.

DF – 2<sup>nd</sup>

Unanimous – Motion passes

## **Shared Lane Marking (“SLM”)**

JC California Traffic Control Devices Committee has reviewed marking placement topics. Will use bike and chevron, standard layout 11’ from center of marking to face of curb.

Consensus – Send revised to “SLM” proposal to sponsors after rewording and discussing proposed MUTCD text and justification with Markings Technical Committee (MTC).

JL Asked to have someone attend the PMTC meeting tomorrow afternoon.

SLM Proposed Text and Justifications Task Force (JM, TO) to meet after dinner.

## **Roundabout Pavement Markings**

JL MTC is currently looking at roundabouts, including bike lane markings. We will coordinate with them.

TP Will liaise with them on this.

## **THURSDAY MORNING NCUTCD MEETING**

M1-8a sign approved. Friendly amendment was proposed to change the drawing text from “Unique logo or words for any jurisdiction” to “Unique logo and/or words for any jurisdiction.” This amendment was incorporated.

Michael Jackson was approved for BTC membership.

APBP was approved by the Executive Committee as a new sponsor agency pending a favorable vote at the June NCUTCD meeting.

## **THURSDAY AFTERNOON BTC MEETING**

Present: John LaPlante (Acting Chair), James Mackay (Secretary), John Ciccarelli, Dwight Kingsbury, Shawn Dikes, Alex Sorton, Theo Petritsch, Tim Oliver, Bill Fox, Michelle DeRobertis, Bob Carrigan, Ron Van Houten, Dorin Fera, John Allen, Michael Jackson

Guests: Bill Schultheiss, Riley Geary, Lee Rodgers, Pete Rusch, John Schubert

## **Committee Business**

JL Alex Sorton will be leaving the committee. The Committee thanked him for eight years of devoted effort on Chapter 9.

Michael Jackson now is officially a member. APBP was approved by the Executive Committee as a new sponsor agency pending a favorable vote at the June NCUTCD meeting.

JL Dwight Kingsbury has agreed to be the BTC representative to the Edit Committee.

RVH Manual needs cross-referencing – particularly between our chapter and Markings.

JL We would need to present recommendations to appropriate TCs.

Discussion of why the bike topics are in a separate chapter of the manual, instead of being melded into other chapters, as is the case with pedestrians, Will take place at dinner and via our BTC listserv.

JC A table of cross-references for bike and ped topics would be handy in chapter one.

JL We can also put this topic out to the list serve.

### **Shared Lane Markings (Revisited)**

JL Tim Oliver will present SLM language to MTC today.

RVH We drafted an experiment request for SF to submit to FHWA for the study. Cannot confirm if was actually submitted to FHWA. (Note: Alta Planning subsequently indicated that a request to experiment was never sent to FHWA.)

JL Guan Xu says that it was never sent to FHWA.

### **Roundabout Pavement Markings (Revisited)**

JL Theo spoke with Gene Hawkins about circular intersections. PMTC will develop text defining bike lane markings on approach up to yield line or pedestrian crosswalk.

Lee Rodgers of PMTC presented their draft proposed text to stop bike lane markings at least 100 feet prior to a roundabout crosswalk, yield bar or roundabout edge.

Unanimous approval from BTC

### **M3, M4, M5, M6 Auxiliaries**

JL Proposal was to add the BEGIN sign to chapter 2. The END plaque currently exists in chapter 2.

TP Begin and End signs may be required for bike lane signs – check section 2.

JL Table discussion until June meeting (when Richard will be present).

### **Wayfinding Signage – Chicago**

JL Showed examples of Chicago bike route guide signs.

RVH Provide additional examples of bike route signage, with distances, in next manual.

JL Use the Bike route guide sign or use the M1-8a sign with additional nomenclature.

MJ Would like to integrate trails with on-street bike routes. Cross streets are oftentimes undefined to trail users, trail names are often undefined to bicyclists on roads.

JC Destination signage and named travel ways are different topics.

JL Introduced modifications of the D11-1 and the D1-1b. Leave the D11-1 sign as-is and create a new sign, D11-1b with big bike icon but without the BIKE ROUTE text.

JL Modify the D1-1b sign by adding a bike symbol so it could be used as a stand-alone wayfinding sign. (The D1-1a described in Section 2D.34, which is the same as the current D1-1b sign, would still be available for use as a supplemental sign as described in Section 9B.21).

JL In figure 9B-5, replace the D1-1c signs (labeled as D1-1 signs) with actual D1-1 signs, omit the M7-1 signs which would then be superfluous.

JL Change corresponding Chapter 9 paragraphs.

JC Have the directional arrow next to the bike, with only mileage values of ½ mile or greater delineated.

JL Have up to three destinations defined on guide signage.

JL Show to G/MI Signs Technical Committee before June, then send to sponsors after June 2005 meeting.

BF Will develop proposed text and figures with Bill S. and show to BTC in time to send to G/MI TC before June.

### **Shared Lane Markings – Coordination with MTC**

TO Gave SLM presentation to PMTC. There was no unanimous approval, but they agreed to send to sponsors. Remaining issues –Signs to be used with the SLMs and lane widths. PMTC Chair Gene Hawkins and Bill Lambert would like a copy of our proposed text, justifications and SF report so they can post on their website.

JC They had questions about why a new symbol was being introduced.

JA Noted that Bike in House has been used in bike lanes in Massachusetts.

JL Anticipate enough sponsor comments that we will not be able to take to National in June. Hope to be able to answer enough questions that we can take to National in 1/06. Will need to provide answers/modifications to sponsor comments so can discuss further with Markings in June, with a likely need to send to sponsors again after June. Richard will send to sponsors after we transmit to the full BTC. First step is to do a cleanup prior to sending to sponsors.

TO and JM to cleanup and send to Richard Mouer for distribution to BTC and then on to Gene Hawkins and Bill Lambert.

### **FHWA Assembled Comments**

Pete Rusch FHWA would like us to address at least the top five of the 34 comments assembled by FHWA from various respondents over the past year..

JL Will pursue as many topic discussions as possible and then bundle all comments already received on the BTC listserv and send to FHWA.

Item 2: Colored bike lanes – Chicago colored bike lane study results may be ready by June 05. City of Chicago is already working with FHWA under their experimental process..

Item #25: Adding curbs and physical barriers to 9C.04.11 prohibition within the right-of-way – Richard will provide response to FHWA to “do it” as the topic was already approved by BTC and National committee in June of '01.

Item #1: Bike lane signs – BTC agrees they are not needed for bike lanes. MDR and DK to work on and develop justifications. May be enforcement issues to consider. Sign costs may provide a justification.

Item #26: Changing 9C.04.11 wording on preventing left turns – Will change wording for future edition of manual after taking to MTC and sending to sponsors. Wording is already there – in place of “prevent” add “hinder or even”.

Item # 5: Shared Lane Markings – Already being pursued.

Item #13: ENDS versus MERGE into traffic – Current condition is a “should.” No change, but there is a potential to develop a future sign providing guidance or regulatory. Discuss with topic #15 in the future. Do not pursue at this time.

Item #15: Share the Road assemblies – Combine with topic #13 and link to its outcome. Do not pursue at this time.

Item #21: Figures for bike lane by free flow right turn lane – The '88 manual had all four cases, but was deleted by National for the 2000 manual due to safety concerns. Committee supports, but past National committee action does not allow us to pursue at this time. Suggest AASHTO Bike Guide pursue first.

Item #24: 9C.02 guidance about right through lane drop – Would require making first “should” a ”shall”, but keep second “should” as is. Recommend no action – already covered in standard.

Respectfully submitted,

James Mackay

<http://members.cox.net/ncutcdbtc/agenda/min0105.pdf>