

National Committee on Uniform Traffic Control Devices  
Bicycle Technical Committee  
Wednesday June 11, 2003 Minutes  
1 to 5 PM

Present: John Ciccarelli, Dorin Fera, William Fox, Dwight Kingsbury, John LaPlante,  
Richard Moeur, Tim Oliver, Ron Van Houten

The BTC had four visitors Wednesday:  
Roland Stanger, FHWA  
Michael Moule, Livable Streets  
Harold Hammond, AAMVA  
Nick Nedas, Traffic Safety Systems

On Thursday Moule and Stanger signed in as visitors.

Chairman Moeur called to technical meeting to order at 1 PM and reviewed the tentative upcoming summer meeting schedule:

2004	June 23-25	Juneau, Alaska
2005	Mid June	Saratoga, New York
2006		Cleveland, Cincinnati, or Columbus, Ohio
2007		Possibly in Nevada

### **Item # 1: U.S. Numbered Bicycle Routes**

Presentation by Richard Moeur. Discussion followed on bicycle route language changes needed in Sections 9B-20 and 9B-21

Recommended Changes:

- A. Change "Interstate" to "U.S. Numbered" throughout Sections 9B-20 and 9B-21 as recommended by AASHTO.
- B. Change "Option" statement in 9B-20 to a "Guidance" statement.
- C. Change M1-9 sign to design recommended by AASHTO in October 12, 1983 memo to FHWA (bike on top half of sign, number on bottom half of sign).

Note: Committee in attendance all agreed to send to sponsors and full committee for consensus (see proposal to sponsors for exact text changes and justifications).

### **Item # 2: Bike Lanes and Parking**

Ron Van Houten kicked off the discussion explaining the research that is taking place in Cambridge, Massachusetts. John Ciccarelli presented a slide show on the issue that

included a wide array of alternatives for discussion purposes. Considerable discussion took place on this issue. Committee agreed that more work and data is needed. The chair made the following assignments:

- John Ciccarelli will gather West Coast crash data
- John Laplante will gather Chicago crash data.
- John Allen will gather East Coast crash data. (chair will confirm)
- Ron Van Houten will report Cambridge research data (if available).

Meeting adjourned at 5 PM

Bicycle Technical Committee  
Thursday, June 12, 2003 Minutes

Present: John Ciccarelli, Dorin Fera, William Fox, Dwight Kingsbury, John LaPlante, Richard Moeur, Tim Oliver, Ron Van Houten

The BTC had two visitors Wednesday:  
Roland Stanger, FHWA  
Michael Moule, Livable Streets

Chairman Moeur called to technical meeting to order at 1 PM and provided the committee an update on the bicycle technical committee web page and a proposed header. Committee supported the new header.

Chairman Moeur also announced that Dwight Kingsbury, John Allen, and Paul Schmek were now official members of the Bicycle Technical Committee per Wednesday evening Board action.

#### **Item # 1: U.S. Numbered Bicycle Routes – Follow Up**

Chairman Moeur shared information on this issue from the Guide and Motorist Information Technical Committee. They agreed with all the changes the Bicycle Technical Committee recommended. They felt that the signs should continue to be black on white. It was decided that the Bicycle Technical Committee would brief the National Committee on what we are proposing to move forward with at their Friday (6, 13) meeting.

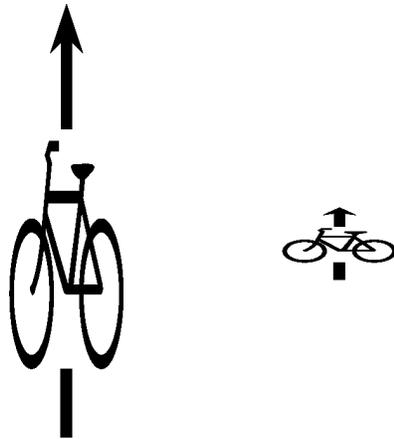
#### **Item # 2: Shared Lane Symbol**

Chairman Moeur kicked off this issue and reviewed background information with the committee. Ron Van Houten shared what was found in the Gainesville Florida study. The conclusion from this study did not show that the pavement marking significantly affected where the bicycle rode in the street. It did reduce sidewalk bicycle riding along streets that the pavement marking was used. Ron went on to talk about other research done on determining if drivers understood the meaning of three different shared lane pavement markings. Results seem conclusive that drivers do understand the meaning of the various markings tested. Ron also reported that San Francisco still has not decided exactly what symbol they will test. Lastly, Ron reported that there is one more study underway that should provide further data on share lane symbols.

The committee had considerable discussion on this topic. Since it seems that data should be available in the very near term (available for the January meeting), the committee felt that they could not take any further action until more data was available.

Ron Van Houten then share his view that there may need to be a modified symbol that better directed the bicyclists as to the original purpose/goal of the shared lane symbol (to

tell the bicyclists where to ride). The committee spent time refining an alternative shared lane symbol layout for Ron to use in some of the research he is undertaking (where possible).



### **Item #3: Standard Highway Sign Manual**

Jim Pline of the Regulatory and Warning Signs Technical Committee stopped by the committee to share some concerns that he has identified between the MUTCD and the Standard Highway Signs Manual. His concern was on the size of various signs. In particular, he noted that the W10-1 be changed to 30" diameter. The M-4 series should be changed to 6" by 12". It is expected that most of these changes should/could take place in Revision 3.

Committee did not have any objections to any of the recommendations.

There is the need for a position paper to be developed on auxiliary plaques and guide signs. This should be distributed to the Bicycle Technical Committee, then sent to Jim Pline. Chairman Moeur will handle.

#### **Item # 4: Mode Permission Signs**

The committee discussed the approval of the prohibition signs by the National Committee in January. The committee then reviewed what has been done this far on the mode permission signs. Considerable discussion took place on the various sign configurations that have been developed thus far.

The committee came to consensus on adopting the white on green format, but also including a white circle. Richard Moeur will take the recommendation and share it with G/MI prior to the January 2004 meeting in anticipation of a sponsor submittal in spring 2004.



Meeting adjourned at 6PM.

<http://members.cox.net/ncutcdbtc/agenda/min0603.pdf>