



## **TRAFFIC SIGNAL COMMITTEE**

### **Meeting Minutes**

**MARCH 2003**

This document is available online at <http://www.nc-ite.org/signals.html>

#### **ATTENDEES**

Wayne Sandberg – Washington County – Committee Chair  
Paul Zager – Parsons  
Ray Starr – Mn/DOT  
Nick Erpelding – RLK – Kuusisto  
Jerry Smrcka – Hennepin County  
John Gray – SEH Inc.  
Todd Foster – Traffic Technologies  
Bryant Ficek – Bonestroo & Associates  
George Steumpfig – SRF  
Linda Taylor – Mn/DOT  
Ben Osemenam – Mn/DOT  
Rachel Guan – Mn/DOT  
Kristi Sebastian – Dakota County  
Steve Manhart – Bolton & Menk  
Tim Morozek – Hennepin County

#### **LOCATION**

Mn/DOT Golden Valley

#### **MEETING MINUTE CORRECTIONS**

No corrections to the February 2003 Meeting Minutes

#### **HANDOUTS**

Valley Creek Road LED Study Sheet  
Detector Handout

#### **ROUND ROBIN**

Todd Foster mentioned the proposed change relating to pedestrian indications. The federal MUTCD has a proposed change which will eliminate the use of the outline indications. If this proposal is adopted, Minnesota will be required to adopt it also. The questions was asked if we could make comments to this proposal.

Todd Foster mentions the latest updates to the wireless pedestrian crossings he has seen including time stamp for actuations, communication between wireless heads, logging the use of push buttons, etc.

Ray Starr mentions that concerning the Overhead Flashers Tech Memo, the question is whether this tech memo covers, or should cover the practice of flashing of traffic signals at low volume times. The current Tech Memo is reado to publish and Mn/DOT is leaning towards addressing traffic signals seperately.

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The current maximum mast arm length is 55 feet (not including extensions). Designs for 60 & 65 foot mast arms are available, however the current pole designs may not conform with AASHTO structural requirements for these long mast arms, and as a result, Mn/DOT is currently not using them.

Ray also mentions that the TMC is now a part of the newly named Office of Traffic Security & Operations.

**TEO UPDATE**

None

**ADVANCED SYNCHRO TRAINING UPDATE**

George Steumpfig gave a brief presentation concerning issues that have come up concerning detector strategies. The intent is to come up with a few problem areas, then research what is being done elsewhere and come up with a best practice strategy for loop placement. The intent is not to supercede Mn/DOT practice but to add tools to the designers toolbox.

Two cases for detector placement analysis were determined to be:

High Speed Mainline Approach

Stop Bar Detection in left turn lanes – vs- back detection in left turn lanes.

**ACTION ITEM:** the following persons will research what is being done in other areas for discussion at the March Meeting

Kristi S. – Wisconsin

George S – Various areas that SRF has worked in

Paul Z – Various areas that Parsons has worked in

Nick E / Vern S – Washington State & New York State

Steve M – Kansas & Missouri

Steve Misgen – Mn/DOT

John Grey – Indiana, Florida and the Dakotas

**WEB PAGE**

Wayne showed the new and improved NCITE Signal Committee web page. The committee agreed that the minutes will no longer be mailed out, instead a link to the document on the web page will be mailed out. The committee is able to request other improvements as they are needed.