

TRAFFIC SIGNAL COMMITTEE
Meeting Minutes
May 7, 2003

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

ATTENDEES

Wayne Sandberg – Committee Chair
Linda Taylor – Mn/DOT
Paul Zager – Parsons
Marc Culver – City of Maple Grove
Steve Manhart – Bolton & Menk, Inc.
Bryant Ficek – Bonestroo & Assoc.
Roger Plum – SEH Inc.
Rachel Guan – Mn/DOT
Dave Abbey – Parsons
Jerry Smrcka – Hennepin County
Todd Foster – Traffic Technologies
George Stuempfig – SRF
Nick Erpelding – RLK - Kuusisto

LOCATION

The meeting was held at the Mn/DOT Golden Valley Office.

CORRECTIONS

There were no corrections to the April Meeting Minutes

HANDOUTS

None

ROUND ROBIN

Linda T mentioned the layoffs at Mn/DOT and the resultant bumping rights will result in a number of people moving around within the organization. Bernie Arseneau is the State Engineer. Jim Kronig is now responsible for the RTMC. Gary Thompsen is now heading up the Design/Build area.

Wayne S mentioned that concerning the Gopher State One Call system, Minnesota is not a positive response state, meaning that if a locate ticket is received, and the facility owner has no facilities in the area (No Locate Required) the law allows them to simply not respond.

TEO UPDATE

The April 8 TEO Meeting occurred. No one was able to give an update. Ray Starr will update at the June Meeting.

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ADVANCED SYNCHRO TRAINING UPDATE

There has been no progress with the Synchro Training.

WIRELESS PEDESTRIAN INDICATION DEMO

Todd Foster of Traffic Technologies gave a demo in the parking lot of their latest Wireless Solar Powered Button Actuated Pedestrian Flasher. The system uses wireless communication in addition to battery powered with a solar recharging system.

The system is multi-functional and Traffic Tech will customize to suit individual needs. More information can be found at their website:

<http://www.traffic-technologies.com/>

LED INDICATION UPDATE

Rachel Guan gave an update on the status of the LED Study. There were 8 total study participants, 4 regular and 4 colorblind participants. The Draft study will be available before the next Committee Meeting.

ACTION ITEM – Rachel will e-mail the Draft Report for review and comment at the June 4, 2003 Committee Meeting.

DETECTOR STRATEGIES

George S presented a discussion on Detector Strategies from various states.

George centered his analysis on High Speed Mainline Approaches.

He discovered that CALTRANS and Mn/DOT used very similar strategies; both use single point detection on high-speed approaches.

WisDOT uses 2-point detection on high-speed approaches.

The second detector is placed at the dilemma zone for vehicles that would be traveling at 10 mph slower than the posted speed.

His analysis showed that using the Mn/DOT standards, the locations are such that they assist vehicles traveling approximately 7 mph over the posted speed limit.

The overall analysis from George's opinion is that Mn/DOT has a very good policy.

ACTION ITEM – George will provide a handout summarizing his results at the June 4, 2003 meeting.

We still need a committee member(s) to study left turn detector strategies and treatments.

Linda T mentioned that 3M has done a number of detector studies on 35W and on some arterials in the metro area.

ACTION ITEM – Wayne will arrange to have Earl Hookman of 3M give a presentation to the group concerning their findings on detector strategies.

OTHER ISSUES

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- Trafficware has sent out notices to users of Synchro looking for Beta Testers for the new Synchro 6. Many of the committee members will be, or their companies will be beta testers for this new software. For more information see their web page at: <http://www.trafficware.com/>
- The District 4 ITE meeting this year will be held in Winnipeg Canada, June 22 – 25, 2003. For more information see their web page at: <http://www.cite7.org/winnipeg.htm>
- The May NCITE Section meeting will be a tour of the RTMC Facility. See the web page for details: <http://www.nc-ite.org/>

NEXT MEETING

NEXT MEETING

The next meeting will be:

June 4, 2003

8:00 – 10:00 am

City of Saint Paul

Traffic Operations

8:00 – 10:00 am

St. Paul Traffic Operations Building

899 N. Dale Street, St. Paul

Directions

<http://www.mapquest.com/maps/map.adp?country=US&address=899+north+dale+street&city=saint+paul&state=mn&zipcode=&homesubmit.x=19&homesubmit.y=14>

JUNE 2003 MEETING AGENDA

Round Robin

LED Study Update & Review

Detector Strategies

TEO Update