

**TRAFFIC SIGNAL COMMITTEE**  
**Meeting Minutes**  
**November 1, 2006**

**ATTENDEES**

Kristi Sebastian	Dakota County	Pete Sorenson	Bolton & Menk
Ted Schoenecker	Washington County	Steve Manhart	Edwards & Kelcey
John Crawford	URS Corp	Roger Plum	SEH
Jerry Kotzenmacher	MnDOT	Kevin Schwartz	MnDOT

**LOCATION: Dakota County**

**Topic I – Update on Flashing Yellow Protected/Permitted Left Turn Phasing**

- MnDOT installed the Flashing Yellow arrow at the intersection of TH 110/TH 149 in the City of Mendota Heights.
- The cross street (TH 149) was already a protected/permitted left turn phase.
- Revision took about 5 hours to complete.
- Specific for this installation, MnDOT needed to upgrade the controller in the cabinet to accommodate the double clearance interval associated with the flashing yellow arrow.

More detailed information regarding this test can be found at <http://www.dot.state.mn.us/trafficeng/standards/signalnews.html>

**Topic II – Recap on Left Turn Phasing Alternatives**

The guidelines for use of protected/permitted vs. protected only left turn phasings are in the current MnDOT signal design manual.

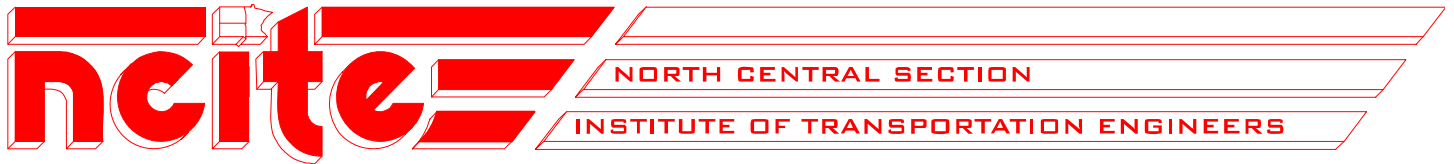
Recent use of this guideline has raised some questions regarding the sight distance requirement. There is a question as to whether it is too conservative and it does not seem to be in line with the gap acceptance times in the Policy on Geometric Design of Highways and Streets.

George Stuempfig and Bob Green will be asked to attend the next meeting to discuss this item further.

**Round Robin**

**Kevin Schwartz**

- Fridley police are going to be experimenting with a device in their squad cars that will allow them to see what the opposing signal indication is at traffic signals.
- MnDOT is going to be having its controller training class coming up soon.



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Steve Manhart

- ITS is becoming a bigger topic talked about in the ITE arena. Vehicle makers are looking at putting sensors in cars that may assist in improving signal timing operations by providing even more real time information to the signal controller so that it can respond better the traffic demands.

Other

- John Crawford and Kristi will work together to set up the ITE Webinars related to signal timings
- We are looking for volunteers for next year's Co-Chair. Contact Kristi or Ted if you are interested.

**NEXT MEETING**

The next meeting will be on **December 6, 2006 at MnDOT – Waters Edge, Room 176**

Meeting Agenda – Left Turn Phasing Alternatives  
Co-Chair Discussion