



INTERSECTION TRAFFIC CONTROL COMMITTEE Meeting Minutes April 4, 2007

ATTENDEES

Don Sobania	Minneapolis	Marc Culver	Maple Grove
Ted Schoenecker	Washington County	Sue Zarling	MnDOT
Kristi Sebastian	Dakota County	Nick Erpelding	RLK
Suzanne Danen	Dakota County	Melissa Barnes	SRF
Jerry Kotzenmacher	MnDOT	Adrian Potter	SRF
Tom Bowlin	Bloomington	Jon Krieg	SRF
Bryan Nemeth	Bolton and Menk, Inc.	George Stuempfig	SRF
Joe Gustafson	Scott County	Leif Garnass	SRF
Paul Zager	HZ United		

LOCATION: SRF Consulting Group

Topic I – Pedestrian Traffic Signals and Accommodations

An open discussion was held by the group on a variety of items pertaining to pedestrian accommodations at traffic signal locations, including:

- Differing viewpoints from the visually impaired community have been encountered on what level of accommodations should be provided.
- Types of technologies currently available to assist pedestrians.
 - Accessible pedestrian signals
 - Adjustments in volume of audible tones, verbal messages can be made for ambient noise levels.
 - FHWA adoption of guidelines for these devices ongoing.
 - Has been a hot topic in Minneapolis – Advisory Committee on People with Disabilities.
 - MnDOT policy is to install when requested but only on leg used.
 - Free right concerns.
 - Countdown pedestrian signals
 - Cost now close to standard pedestrian indication.
 - Pedestrian change interval cannot be terminated. Issues of preemption near railroad and fire stations.
 - Are emergency vehicle responders aware of how they work?
 - MnDOT using BullDog push button which confirms call made.
 - Microwave detection of pedestrians
 - False call issues.
 - Bus stop issues.

NCITE Intersection Traffic Control Committee Meeting Minutes

April 4, 2007

Page 2 of 3

- ADA guidelines are being drafted for public rights-of-way. Should local policies regarding new technologies wait until these guidelines have been established?
- Legal responsibilities to provide accessible or countdown signals.
 - Maryland judge decision to install, any precedent set?
- Marked crosswalks.
 - Knowledge of drivers and pedestrians on crossing responsibilities? Possible opportunity exists for training when renewing drivers license.
 - Free right turns - with or without marked crosswalks. Any need for a study?
- Maintaining straight alignment of sidewalk to intersection best for tunnel vision impairments.

Topic II – Real Time Arterial Monitoring

(Moved to May meeting)

Round Robin

- Kittelson & Associates, Inc. performing updates for FHWA Roundabout Guide/Manual.
- MnDOT is seeking waiver from the AASHTO 2001 wind fatigue rating to allow for longer mast arms lengths.
 - Options exist with Millerbernd for 60'+ length
 - MnDOT currently has 55' max (grandfathered in for dual truss)
 - Iowa using 65' (unsure whether AASHTO 2001 wind fatigue rating met)

Kristi Sebastian

- Tentative date of Wednesday May 30th for RODEL Training at Dakota Co. Technical College. Second day possible if interest is there. Limited enrollment – please provide rank of agency attendees.

Sue Zarling

- FHWA ACS Lite Program on April 18th for smaller to medium-sized cities. Mailing coming out.

Jerry Kotzenmacher

- Provided summary of topics discussed at March TEO Signal Committee meeting. Meeting minutes are available on the OTSO website under:
<http://www.dot.state.mn.us/trafficeng/standards/signals/news/TEO%20Signal%20Committee%20Meeting%20Minutes03-22-07.pdf>
- Openings available still for two MnDOT courses, keep sending in registrations:
 - Signal & Lighting II Certification
 - Signal Timing and Coordination

NCITE Intersection Traffic Control Committee Meeting Minutes

April 4, 2007

Page 3 of 3

George Stuempfig

- Changes to MnDOT Special Provisions available on website.
- EVP as a separate pay item as a result of bidder refusal to sell partial package.
- Topics of interest from ITE Technical Conference – San Diego (Managing Congestion – Can We Do Better?).
 - Congestion Pricing
 - Truck Priority Signals
 - Signal Timing Strategies
- Survey for Professional Certification Programs (PTOE, PTP, TSOS, TOPS) is out.

Marc Culver

- Subject for main article needed from committee for NCITE spring newsletter.

Action:

1. **Ted S. to work with Marc C. on developing an article.**

Nick Erpelding

- Provided summary of technical session (ITE Technical Conference – San Diego) on variable signal phasing to reduce intersection delays.
 - Uneven double cycles used as an innovative timing strategy
 - One phase served more than once in a cycle
 - Although cycle length increases, decrease in overall delay experienced

Ted Schoenecker

- 2007 MMUTCD Field Manual now available.
- MMUTCD update also available.
- May agenda Topic I (Potential Changes to Traffic Signal Poles and Mast Arms) to be pushed to later date.

NEXT MEETING

The next meeting will be on **May 2, 2007 at MnDOT Golden Valley, Conference Room 3**

Meeting Agenda – Topic I: Real Time Arterial Monitoring
 Topic II: Flashing Red LED's at Stop Controlled Intersections