



TEO Signal Committee Meeting Minutes

Meeting Date: 1/30/2017

Water's Edge Conference Rm 176

Meeting Time: 9:00am – Noon

Meeting Attendees:

Jerry Kotzenmacher	Sue Zarling	Tod Becker
Peter Skweres	Chris Bosak	Greg Kern
Jim Deans	Mike Gerbensky	Ben Osemenam
Jeff Knofczynski	Alex Govrik	Adam Wellner
Greg Wagner	Kile Holm	Linda Heath
Allen Espinoza	Bob Emineth	Mike Fairbanks
Gennady Begelman	Paul Miller	Mike Schroeder
Mark Korwin-Kuczynski (phone)		
Cindy Dittberner (phone)		

Old Business-

Cabinet/Controller Committee – Intelight Maxview software had couple database issues corrected. Newest version of the software just installed last Friday. More upgrades have been asked for. There are currently about 300 signals on the software. Outstate will eventually get access to this software. TAMS numbers now match with its software. Will get several signals back from cities and counties that currently operate MnDOT signals. Will have a shared signal coordination effort in the future. Maxview is on a 5 year contract with MnDOT with option to extend if needed or wanted.

ASC/3 controllers – about 150 controllers were ordered as a last shipment of these controllers.

Pedestrian Station – Remove pedestrian station from the “old business” agenda. No issues at this point.

RICWIS – These systems became MnDOT’s Signals responsibility to maintain. The LED “traffic approaching” signs have been failing. Around 4 have LED’s that have failed to the point of not being able to read the message. The signs cost around \$4000 each. Districts should look at the signs and send issues to OTST. Sue will talk to ITS group on using ped poles rather than u-channels.

Rodent Anti-intrusion Pipe – A MnDOT group met with Halek Solutions to discuss the product. The pipe could be included on the special provisions along with the woven metal mesh. Contractors could choose between the two. Halek Solutions will contact Millerbernd to get a

letter from them stating that this product would be acceptable to use with their poles. Another meeting will be set up to discuss further.

New Business

Flashing Yellow Arrow in First Phase – In startup operation, should the flashing yellow arrow be allowed? The committee was split on whether this should be allowed. Sue will bring it up in the next TEO Information Exchange meeting and then to the Executive TEO Committee for their response.

TAMS – General discussion. Build consensus on overall looks of the software. A users group will be lead by Linda and Kevin Schwartz to include outstate districts. Limited licenses but more to be added in the future.

ATC Spec – Peter sent out 2 months ago. In the next couple months, the Spec will be near 98% complete. Send your comments to Peter.

2018 Spec Book – Turn in is near. Update on all three sections of the spec book. Controlling document in September 2017. The changes are in provisions that will be sent over to the spec book. The future plan of the spec book is to have it released in 2020, then new releases every 5 years after that.

Lagging FYA – It was questioned whether any districts are using a lagging FYA. Metro has some lagging flashing yellow arrows - that are being used for coordination.

Master Electrician Sign Off – It was questioned whether we should be having a Master Electrician sign off on signal and lighting plans. Some districts have been having issues with the plans that they are getting from consultants. State statute requires that a registered Engineer signs off on a plans prepared under their direction. Prequalified contractors are required for stand-alone signal plans. Sue will check into this for larger signal/construction plans.

Pedestrian direct wire to push button – The issue is when a ped station gets hit, it would be nice to have a disconnect plug in the base. Otherwise, maintenance must cut the cable and install wire nuts. Alex is looking into this issue and will report back in the next meeting.

Synchro update – OTST and Metro will meet next week to decide if Metro will get the maintenance extension for the Synchro software. Districts can let Jerry know if they are interested, however OTST will not be doing a group purchase. We have not had the maintenance for this in the past and it has only come up now because MnIT has taken over the purchasing. The software should continue to operate as in the past if maintenance is not purchased.

Dark Signal – This has been discussed in the past and it had been decided that a practice would not be written and currently each district has their own method of handling a dark signal. Several Districts have said that they have their own practice that they have put in writing. For the

most part, Metro will not set out stop signs. Per State Statute it is considered an uncontrolled intersection when a signal is black. Districts need to send Sue their current practice and she will go the TEO Information Exchange for discussion and then to the Executive Committee for final action. .

Around Robin –

Jerry – Signal Timing Manual review and class - Peter, Sue, Mike F. and 3 others from Metro and one from ESS will attend the review meetings.

Tod – Worked with Millerbernd to come up with a longer APS pushbutton pole mounting adaptor that will be put at a 45 degree angle.

Allen – Smart Car; New controller spec will cover smart car. Outstate fiber; there are some outstate district calling for fiber but some are still using copper.

Alex – 5 section Eagle signal heads are breaking. Send any new info to OTST.

Mark K. Still looking for ball locator; Jim will assist. Questioned when revising an older signal that has steel conduit if a ground wire is still needed; Jim will get back to Mark.

Next meeting: Wednesday, May 31st, 2017

Waters Edge **Conference Room 176**

9:00am – 12:00noon

Send agenda items to Jerry K