



TEO Signal Committee Meeting Minutes
Meeting Date: 5/31/2017
Water's Edge Conference Rm 176
Meeting Time: 9:00am – 11:00am

Meeting Attendees:

Jerry Kotzenmacher	Sue Zarling	Chris Bosak
Greg Kern	Mike Gerbensky	Ben Osemenam
Alex Govrik	Kile Holm	Linda Heath
Mike Fairbanks	Gennady Begelman	Mike Schroeder
Robin Delage	Mike Posch	
Mark Korwin-Kuczynski (phone)		
Cindy Dittberner (phone)		

Old Business-

Cabinet/Controller Committee – Intelight Maxview software currently is in about 350 signals. 50 more installations are planned by Metro before the end of summer. Dakota County is the first non-state agency to get the software. Final acceptance has not taken place yet, but once it has the software will be offered to outstate districts. Ethernet access will be needed. In general, things are going well with most issues now being RTMC issues.

ATC spec – Ray and Sue are working on the spec. Difficult for all companies to meet all aspects of the current spec. should be ready for next year's construction season. No comments back on the latest version.

RICWIS – These systems became MnDOT's Signals responsibility to maintain. The LED "traffic approaching" signs continue to be failing. Around 22 of the 100 signs have LED's that have failed. The signs cost around \$4000 each. The manufacturer has been replacing these, but have now started to ask if MnDOT would cover some of the costs. Districts should look at the signs and send issues to OTST. Sue will talk to ITS group on this problem. The signs should last at least 5 years.

Rodent Inti-intrusion Pipe – It was decided to add language to the special provisions that districts can use to allow contractors to install this device. Alex will add to the APL and provisions so it can be used.

New Business

APS Pedestrian Pushbutton Breakaway – Alex brought in a plug disconnect for the ped station. Problems are when the ped station gets knocked down, the electrical cords get pulled out. This plug would allow an easy disconnect. The plug sits in the base and has a 20 pound pull out. Maintenance wants it in all new contraction but settle for now in just knockdowns. Will test the device for a while to better assure that there will be no future problems with it.

Fortran Plumbizer Mount – Maintenance has been using this mount for some time. It's cheaper and works well in the field. It is not on the APL list so does not get installed on new projects. Sue will talk to Peter on getting this mount on the APL. Photos sent to OTST were requested.

Dark Signals – This issue has been on the last two TEO Signal Information Exchange agenda meetings, but has not yet been discussed. It is set for next month. Sue is questioning districts on whether there should be a state wide guidance for dark signals or if it is better for each district with its own. The question on how to handle dark signals comes up about once a year. Placing stop signs continues to be the main point.

2018 Spec Book – All updates have been sent to the group working on the new spec book.. The new spec book should be released in June 2017, good for November 2017 lettings. Special provisions will complement the spec book. – NOTE: an email was sent out after this meeting changing the date for required use to the January 26, 2018 letting.

Conduit and wire changes – Per the NEC we cannot use a conduit bigger than 3” with the 24 inch handhole. At the time the handhole specification was being written the consensus was that we did not want it larger than that and it was preferred to use 2 -3” conduits rather than go to a larger size handhole. Because of that sample plans are being updated to show the use of 2 – 3” conduits where the 4” had previously been used.. OTST will redraw the sample plan to show how the conduit should be listed.

OTST is also working on standardizing terms used between the plan sheets, spec book, special provision, and the standard plates for consistency. Currently wire is shown using #, No., and AWG when calling out the size. The NEC uses AWG so that is what was proposed being used for all uses. This does add more to the plan and this was a concern for some. Several options were discussed and OTST will put together the options and send out for further discussion.

Hand Hole – The new hand hole is now on the APL. OTST is working on getting others on the list. Any new hand holes will work in sidewalks. At this point no new handholes have been installed yet, but Chris Bosak heard that the cost to furnish and install a new hand hole is around \$1500. Ben will contact WisDOT to see what they have been paying.

Flashing yellow arrow sign - Should a FYA sign be used if the FYA is not used? Per the TEO Executive Committee decision the sign can be taken down after 6 months. It was said that the decision to install the FYA signs was to be reviewed after 2years. . Sue will bring up issue with the Exchange Committee, however the majority of the people at this meeting thought that the sign should continue to be used.

Lighting, Signals and Traffic Recorder Report – This is a report that is used by inspectors for materials on the job. A link should be sent out to construction with this report.

Red “X” at MnROAD - There was a complaint by the public about the red X for closing the freeway lanes at MnRoad. This is a standard way to close lanes. Make sure all signs are working and lane lines are visible. This is more of an RTMC issue.

Reflective stripe on background shields – D3 used a reflective stripe around the background shield at the signal on TH55 and TH 25. It makes the head stand out more when a black pole is being used by a local agency. The Safety group has been interested in trying this in the past. Sue will check with them to see if they want to pursue.

Round Robin

Gennadiy asked about a hand hole next to the power source. Metro signal inspectors wanted this handhole, but Xcel won't allow it. ESSwas against this hand hole because it has no protection and they have never had an issue where someone wished that a handhole had been added there. Mike F will look into.

Mark K asked about labeling on the LED luminaire head and if it was still being done. It is still being done.

Next meeting: Friday, September 15th, 2017
Waters Edge **Conference Room A**
9:00am – 12:00noon
Send agenda items to Jerry K