



Regional Transportation Operations Coalition / Advanced Technology

Task Force

DRAFT Minutes

Thursday, September 20, 2018

9:30 a.m.

Cook County Conference Room
233 S. Wacker Drive, Suite 800
Chicago, Illinois

In Attendance: Claire Bozic – CMAP, Christina Kupkowski – Will County DOT, Abraham Emmanuel – CDOT, Brian Roberts – Cook County DOTH, Rich Jezierny – Cook County DOTH, Bill Eidson – DuPage DOT, Jon Nelson – Lake County DOT, Kevin Price – IDOT Operations, Mark Pitstick – RTA, Amarpal Matharu – IL Tollway, Pete Stesino – IDOT, Terry Heffron – IDOT, John Baczek – IDOT, John Donovan – FHWA, Dean Mentjes – FHWA, Audrey Wennink – MPC, Matt Letourneau – AECOM, Joe Spedale – Traffic Control Corp., Duana Love – Transmart/EJM, Jeff Hochmuth – CDM Smith, Preston Judkins – Parsons, Scott Lee – Transmart/EJM, Jill Kramer – Jacobs, Athreya Sreenivasan – CH2M/Jacobs, Adam Danczyk – Jacobs, Joseph Brahm – Parsons, Sam Van Hecke – Cambridge Systematics, Ming-Shiun Lee – AECOM, Tom Szabo – CBBEL, Kevin O'Neill – AECOM, Yvette Ochoa – CDM Smith, Dan Nelson - AECOM

Staff Present: Tom Murtha, Parry Frank, Martin Menniger, Arthur Nicolas

1.0 Call to Order

The chair called the meeting to order at 9:30 a.m.

2.0 Approval of Minutes

The minutes from June will be approved at next RTOC meeting.

3.0 Agenda Changes and Announcements

No agenda changes were made.

4.0 Agency updates

IDOT – Currently working on the statewide ITS architecture and strategic plan update. This should be completed by spring 2019. Looking at a statewide ATMS study and starting a study looking at truck parking statewide.

Tollway – Finalizing plans for the Central Tri-State project which includes looking at full ATM along the corridor. Tollway is looking into purchasing 3rd party travel time data. The tollway is testing DSRC on 10 devices along I-90 and I-294.

FHWA – Hosted a successful connected vehicle summit in July.

Will – In the process of scoping an ITS study/plan for the county.

Lake – Expanding signal and camera systems. Integrating Waze incident and travel time data into the County's Passage System in exchange for County construction information.

DuPage – Working on a partnership with the City of Naperville to integrate signals into the County's system.

RTA – CDOT and CTA working together to install transit signal priority on roughly 100 signals along Western Ave. Plan to be complete by the end of the year.

Pace – Testing the interoperability of TSP with CTA along the Milwaukee Avenue corridor. Expanding realtime displays at stations and shelters. Opened Barrington Road station on I-90.

5.0 Regional Integration of Intelligent Transportation Systems (RIITS) Modernization Project (Joseph Brahm)

Mr. Brahm gave a presentation about the Regional Integration of Intelligent Transportation Systems (RIITS) modernization project in Southern California. The RIITS is a state-of the art system that has four main functions: data fusion, cloud environment, data analytics, and multitenant web hosting. The system fuses data from many different traffic related sources into a single location that will be available to over 100 agencies. In addition to fusing data from many different sources, the system is able to provide data analytics tools to its users. The multitenant web hosting feature allows all partners the ability to create their own websites using the data in the RIITS.

Mr. Baczek asked how long it took to develop the RIITS. Mr. Brahm responded that this is the second phase of the project, and they have been working on it for three years. Mr. Brahm added that the first phase took about 10 years to fully develop. Mr Hochmuth asked who was funding the project. Mr. Brahm responded that LA Metro is currently funding the project, but anticipates that partner agencies will start helping with the cost of the system. Mr. Sreenivasan inquired about the data security. Mr. Brahm acknowledged it was a big issue, but did not know the details about data security of the system.

6.0 Expressway Vision Integrated Corridor Management (Tom Murtha and Athreya Sreenivasan)

Mr. Tom Murtha provided a brief overview of the Expressway Vision project to the group and was looking for input on the integrated corridor management (ICM) system section of the Vision. Mr. Athreya Sreenivasan of CH2M/Jacobs presented on the ICM section of the Vision. An ICM system improves mobility for all travelers through leveraging and optimizing existing transportation infrastructure, enhancing inter-agency coordination and deploying advanced technologies. The ICM system recognizes and adapts to changes

in traffic to maximize the capacity of the existing system. An ICM system deployment largely benefits non-recurrent congestion.

For the Expressway Vision, the I-90 Jane Addams/Kennedy corridor was selected as a corridor in the region to study ICM. This corridor was selected because it has a good foundation of elements required for an ICM system. The Expressway Vision will provide a high level analysis of a potential ICM system along a corridor, it is up to the region's operators to move the concept forward.

Mr. Eidson suggested that the I-94 section of the Tollway would be a good candidate for ICM because of the system that is already in place between Lake County DOT and the Tollway. Mr. Baczek followed up by suggesting that the I-290/Eisenhower corridor might be an excellent ICM corridor candidate. He said suggested that ICM might help manage traffic when the Eisenhower is constrained during its planned reconstruction projects. Mr. Murtha responded that staff will look into these suggestions.

7.0 Regional Traffic Management Center (John Baczek)

Note, this agenda item occurred during agency update. Mr. Baczek informed the group that IDOT District 1 is planning to study the feasibility of a regional traffic management center. The study will last no longer than 18 months and should start spring 2019.

8.0 Safety Performance Targets (Todd Schmidt)

Mr. Schmidt gave a presentation about the 2019 safety performance targets. State DOTs and MPOs are required to establish a set of safety performance targets on an annual basis. State DOTs establish their safety targets as part of their annual Highway Safety Improvement Program report to FHWA. MPOs have a 180 days, until the following February, to set their targets. MPOs have the option to set their own targets or support the state DOT targets. Staff recommends that the MPO support IDOT's 2019 safety targets.

RTOC supported the staff recommendation that the MPO support IDOTs 2019 safety targets. Mr. Eidson commended the staff for their continued support of IDOTs safety targets.

9.0 CMAQ Projects (Todd Schmidt)

With the CMAQ call for projects coming up this winter, Mr. Schmidt asked the group if the RTOC members had any projects they wanted to share with the group. The thought was to have the group have a conversation about potential projects and see if there could be any cross jurisdiction projects drummed up from the conversation. The members did not have any projects to discuss at this meeting. For the next call for projects, CMAP staff will start the discussion earlier in the process.

10.0 Next Meetings

The next meeting is scheduled for Thursday, December 13, 2018 at 9:30 am.