



Regional Transportation Operations Coalition / Advanced Technology Task Force

DRAFT Minutes

Thursday, March 22nd, 2018

2:00 p.m.

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

In Attendance: Claire Bozic – CMAP, Mike Tuman – DuPage DOT, Taqhi Mohommed – Pace, Christina Kupkowski – Will County DOT, Abraham Emmanuel – CDOT, Rich Jezierny – Cook County DOTH, Terry Heffron – IDOT ITS Program Office, Bill Eidson – DuPage DOT, Jon Nelson – Lake County DOT, David Smith – CDOT Traffic Safety, Kevin Price – IDOT Operations, Mark Pitstick – RTA, Maux Sullivan – RTA, Dee Gauesh – RTA, Brian Lowanbrag – RTA, Jason Meter – CTA, Matt Letourneau – AECOM, Paul Leddy – Mobotrex, Tom Szabo – CBBEL, Brian Plum – Traffic Control Corp., Scott Lee – Transmart, Tom Murtha – CMAP, Parry Frank – CMAP, Arthur Nicholas – CMAP, Elizabeth Irvin – CMAP, Martin Menniger – CMAP, Todd Schmidt – CMAP

On Phone: Stephen Zulkowski – Kane County DOT, Dean Mentjes – FHWA

1.0 Call to Order

The chair called the meeting to order at 2:00 p.m.

2.0 Approval of Minutes – December 14, 2017

December minutes will be approved at the next RTOC meeting in June.

3.0 Agenda Changes and Announcements

No agenda changes were made.

4.0 Agency updates

DuPage County (Bill Eidson) – DuPage County and City of Naperville is working on an IGA for an interoperable Centraacs system to share access to video and traffic signals.

Lake County (Jon Nelson) - Lake County is working on the system engineering for an adaptive signal control system on the Butterfield Rd. corridor.

IDOT (Terry Heffron) – IDOT is working on the statewide ITS architecture update and are working to integrate additional data from private providers into the Gateway mapping platform.

5.0 Regional Transit Signal Priority Implementation Program (Mark Pitstick, Taqhi Mohammed, & Jason Meter)

Mr. Pitstick provided an update on the Regional Transit Signal Priority Implementation Program (RTSPIP). The update discussed the challenges and opportunities the transit agencies have faced implementing TSP. For TSP implementation, traffic signals along the corridor had to be optimized. The transit agencies also had to make sure that travel time for automobiles were not getting worse because of the TSP implementation. The transit agencies also needed second-by-second AVL data from buses. Mr. Meter provided an update on CTA's TSP program. He discussed the implementation of TSP along the South Ashland and Western Avenue corridors. Mr. Mohammed discussed Pace's TSP program along Milwaukee Avenue and I-90.

Mr. Zulkowski asked if the I-90 project would involve Randall Road and Mr. Mohammed responded yes and that they will touch base at a later time regarding the project.

6.0 ON TO 2050 Mobility Chapter (Elizabeth Irvin)

Ms. Irvin provided an overview of the [proposed recommendations](#) for the ON TO 2050 mobility chapter. The proposed recommendations were developed through a series of strategy papers and snapshots that were prepared by CMAP staff. Along with the proposed recommendations, Ms. Irvin reviewed the strategies to implement each recommendation. The recommendations reviewed include:

- Harness technology to improve travel and anticipate future needs
- Make transit more competitive
- Leverage the transportation network to promote inclusive growth
- Eliminate traffic fatalities
- Improve the resilience of the transportation network
- Retain the region's status as North America's freight hub
- Fully fund the region's transportation system
- Build regionally significant transportation projects

The draft plan will be released for public comment in June. Contact Ms. Irvin with any comments or questions regarding the recommendations and strategies reviewed today.

7.0 Highway Traffic Signal Inventory (Tom Murtha & Aaron Brown)

Mr. Murtha and Mr. Brown gave a presentation on the regional Highway Traffic Signal Inventory (HTSI). The HTSI is an inventory of signals at intersections on public roads in the 7-county northeastern Illinois region stored in an ArcGIS file geodatabase with signal locations tied to IDOT's roadway inventory. The first version of the HTSI includes signal information provided by larger transportation agencies in the region which included IDOT, CDOT, and the counties. CMAP is currently soliciting signal information from municipalities to include in the HTSI. The HTSI includes location, ownership/maintenance assignments, operational features, and other information about traffic signals. Mr. Brown walked through the data processing and structure of the HTSI.

Mr. Nelson and Mr. Eidson asked if the Counties should wait for a request or send CMAP staff new data as signals come online. Mr. Murtha responded that CMAP staff will request the data when it is time to update the HTSI. Mr. Mohammed asked if the GIS shapefile was available for download and Mr. Murtha replied that anyone can download the HTSI from the CMAP data hub.

<https://datahub.cmap.illinois.gov/dataset/highway-traffic-signal-inventory>

8.0 Expressway Incident Analysis (Xiaochen Chen)

Mr. Chen gave a presentation on an expressway incident analysis that evaluated the impact incidents have on the expressway system. The datasets used to complete the study included incident data obtained from CMAP's Regional Transportation Data Archive, IDOT's crash report data obtained from IDOT, and vehicle speed probe data obtained from the National Performance Measurement Research Data Set (NPMRDS). Only fatal (K) and serious injury (A) crashes were included in the analysis. The incident data was matched to the crash report data to determine the severity of the incident. Then the average duration for different incident types were summarized at the regional level. The study then took a closer look at a select number of individual incidents to visualize the impact the incident had on traffic using the NPMRDS vehicle speed probe data.

Mr. Lee asked if the analysis looked at the lane closure information included in the Gateway feed and Mr. Schmidt responded that the study did not, but it will in future work.

9.0 Next Meetings

The next meeting is tentatively scheduled for Thursday, June 21, 2018 at 9:30 am.