

Connected Intersections Committee Meeting

The following are meeting minutes from meeting of the Connected Intersections (CI) Committee on Monday January 11, 2021 scheduled from 3:00 to 5:00 PM by web conference on Microsoft Teams.

The agenda is provided at the end of these minutes.

All times in EST.

John Thai called the meeting to order at 3:02 PM.

Siva Narla reviewed ITE's anti-trust guidelines.

John Thai went over agenda.

Roll Call of Committee

The committee members in attendance are highlighted in yellow. Note: there is one vacant seat.

Roy Goudy, Nissan (co-chair)	Jay Parikh, CAMP	Ray Starr, Minnesota DOT
John Thai, City of Anaheim (co-chair)	Jim Misener, Qualcomm	Steve Bowles, 360 Network Solutions
Christina Spindler, Wyoming DOT	Justin McNew, JMCRota	Steve Sprouffske, Kapsch
Doug Schmidt, Aptiv	Mike Schragrin, McCain	Vivek Vijayakumar, GM
Ed Seymour, TTI	Mike Shulman, Ford	Whitney Nottage, Q-Free
Faisal Saleem, Maricopa County	Mike Stelts, Panasonic	
	Raj Ponnaluri, Florida DOT	

A quorum is present.

Also in attendance were:

Aaron Moore, OmniAir	Jean Johnson, NEMA	Michael Lockerman
Ahmad Jawad, RCOC	Jesus Ruiz, McCain	Michaela Vanderveen, Stillwater Consulting
AJ Lahiri, ConSysTec	Jim Alfred, Blackberry	Mohammed Hadi, FIU
Anthony Gasiorowski, WSP	Jimmy Upton, ISS	Nicholas Hegemier, DriveOhio
April Wire, Wyoming DOT	John Kenney, Toyota	Nicola Tavares, ITE
Barry Einsig, Econolite	Justin Anderson, Noblis	Patrick Chan, ConSysTec
Blaine Leonard, Utah DOT	Kellen Shain, Noblis	Peter Jager, UDOT
Bob Rausch, TransCore	Kevin Balke, TTI	Ralph Boaz, Pillar Consulting
Christopher Poe, Mixon Hill	Kevin Chan, Minnesota DOT	Randy Roebuck, OmniAir
Danyang Tian, Honda	Kevin Tobias, PennDOT	Shah Hussain, CAMP
David Aylesworth	Kevin Viita, ITS America	Siva Narla, ITE
David Benevelli, TransCore	Kiel Ova, Traffic Technology Services	Steve Sill, USDOT
Deborah Curtis, USDOT	Kingsley Azubike, USDOT	Suzanne Murtha, AECOM
Ed Fok, USDOT	Kyle Garrett, Synesis Partners	William Whyte, Qualcomm
Frank Perry, WSP	Linda Nana, Noblis	Wolfgang Buckel, Siemens
Grand		
Haydar Issa, Transport Canada	Manny Insignares, ConSysTec	
Iouri Nemirovski, Siemens	Matt D'Angelo, Gresham Smith	

Purpose

- Update the CI Committee on Progress of each Task Force

Objective

- Present the progress of each Task Force
- Present the next steps

Project Progress

John Thai went over the progress of the project. Task Forces are meeting regularly.

Task Force Reports

- **Security**
 - William Whyte presented.
 - Discussed the topic of an IOO self-declaring they have considered all possible or required attack vectors
 - Mike Shulman asked IOOs think this is feasible. Feedback has not been received.
 - **Action:** Task Force to reach out to IOOs more actively.
 - **Action:** Faisal Saleem to reach out to IT Group to get feedback on self-declaration.
- **Testing/Conformity**
 - Manny Insignares discussed test case development
 - Jay Parikh went over field verification
- **Traffic Controller**
 - Ralph Boaz went over progress
 - Roy Goudy went over RLVW analysis.
- **SPaT/MAP**
 - Ray Starr went over progress
- **Positioning Task Force**
 - Jim Misener went over progress
 - Will begin meeting every week starting week of 1/18

Validation Sites

- Roy Goudy presented
- Request for Letters of Interest Package to be sent by end of week
- Will accept letters of interest through 2/5.
- Multiple sites likely to be selected
- Site representatives expected to participate in design walkthrough
- Mike Shulman asked about what funding is available for the validation
 - Funding for testing tools not part of the project
 - Roy said there was a discussion with Siva, but unsure of the actual amounts
 - Mike suggested that the CVPFS has identified some funding via WSP for 3 additional sites beyond Ann Arbor - maybe can work with them.

- Discussed if test tools are developed to perform the validation, will the results be publicly available
 - What if proprietary tools are used?
 - Will there be access to the tools?
 - Is evaluation of the tools included?
 - How many units are available?
 - Need tools to collect the data; but also tools for the post analysis
 - Deb Curtis mentioned that typically anything developed with public funds is available
 - **Action:** Deb Curtis to see what is available
 - Steve Sill mentioned annual business plan for the ITS Standards maintenance the standards contract may need to be updated if test tools are needed.

Project Schedule

Patrick Chan went over project schedule.

- Final Requirements Document expected end of January
- Next CI Plenary Meeting: Monday February 22, 2:00-5:00 EST
- First draft design details due 2/19.
- System Design Details Document walkthrough expected week of 3/8.
- Validation expected to take place April-June 2021.
- Final Implementation Guidance Document expected September 2021.

Closing Remarks

- Deborah Curtis noted that the reduce speed/work zone group of the CAT Coalition met today and is interested in creating a group similar to the Connected Intersection Committee to develop that application

Meeting Adjourned at 4:52 PM.

Agenda

1. Call to Order
2. Anti-Trust Guidelines
3. Roll Call of Committee members
4. Meeting Purpose and Objectives
5. Progress to Date
6. Report from each Task Force
7. Validation Sites
8. Project Schedule