

Connected Intersections Committee Meeting

The following are meeting minutes from meeting of the Connected Intersections (CI) Committee on Monday April 19, 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 EDT.

Roy Goudy 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.

Roy Goudy, Nissan (co-chair)	Jesus Ruiz, McCain (Alternate for (Mike Schagrin)	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, JMC Rota	Steve Sprouffske, Kapsch
Doug Schmidt, Aptiv	Mike Schagrin, McCain	Vivek Vijayakumar, GM
Ed Seymour, TTI	Mike Shulman, Ford	Whitney Nottage, Q-Free
Faisal Saleem, Maricopa County	Mike Stelts, Panasonic	
Jay Parikh, CAMP	Raj Ponnaluri, Florida DOT	

A quorum was present.

Also in attendance were:

Aaron Moore, OmniAir	Guoyuan Wu	Mohamad Benhasan
AJ Lahiri, ConSysTec	Iouri Nemirovski, Siemens	Masoud Motamedi, JMC Rota
Alan Clelland, DKS	Jimmy Upton, ISS	Matt D'Angelo, Gresham Smith
Alan Davis, Georgia DOT	Jingtao Ma, Traffic Technology Services	Matt Huerta
Anthony Gasiorowski, WSP	Joe Gorman, MDOT	MD Omar Faruk
April Wire, MCDOT	John Kenney, Toyota	Michael Lockerman, Denso
Austin Averkamp, Atkins Global	Julie Evans, RS&H	Michael Maile
Barry Einsig, Econolite	Justin Anderson, Noblis	Mohammed Hadi, FIU
Blaine Leonard, Utah DOT	Kellen Shain, Noblis	Nicholas Hegemier, DriveOhio
Bob Rausch, TransCore	Ken Yang, AECOM	Nicola Tavares, ITE
Christopher Poe, Mixon Hill	Kent Kacir, KHA	Patrick Chan, ConSysTec
Craig Hinners	Kevin Balke, TTI	Purser Sturgeon, SWRI
Danyang Tian, Honda	Kezhen Shen, Noblis	Ralph Boaz, Pillar Consulting
David Benevelli, Transcore	Kiel Ova, Traffic Technology Services	Randy Roebuck, OmniAir
Dean Deeter, Athey Creek	Krishna Bandi, Ford	Rich Deering
Deborah Curtis, USDOT	Mahmood Nesheli, CSA Group	Robert Saylor, City of Plano
Doug Gettman, KHA	Manny Insignares, ConSysTec	Shah Hussain, CAMP
Ed Fok, USDOT		Siva Narla, ITE
Frank Perry, WSP		Steve Sill, USDOT

Suzanne Murtha, AECOM
Ted Sadler, Integral Blue

Thomas Timcho, WSP
Tim Seitz, Aptiv

Venkat Nallamonthu, AASHTO
William Whyte, Qualcomm

Meeting Purpose and Objective

- John Thai went over meeting purpose and objectives.

Progress to Date

- John Thai discussed the progress to date.
- The final SDD document was distributed and posted on Teams this morning.
- Validation phase is now starting.

Task Force Reports

- **Testing/Conformity**
 - Christina Spindler discussed progress.
 - Manny Insignares went over test tools and outputs.
 - Bob Rausch asked if the tool measures the accuracy of the data content relative to the signal timing.
 - Manny Insignares said not at this time.
 - Bob Rausch asked if there is intent to make it happen. Roy Goudy mentioned follow-on activities.
- **Traffic Controller**
 - Ralph Boaz went over the enhanced design details.
 - Discussed latency and synchronization.
 - Jim Misener mentioned that accuracy if timestamp vs latency needs to be accounted for.
- **SPaT/MAP**
 - Michael Maile went over accomplishments of the Task Force.
 - Will be supportive but less active during validation phase.
- **Positioning**
 - Justin McNew went over accomplishments of Task Force.
 - Will be supportive but less active during validation phase.
- **Security**
 - William Whyte gave a high-level view of the Security Compliance Assessment in the SDD and outline of the design details for security.
 - Discussed infrastructure connections.
 - Security will not be validated as part of the validation phase.
 - Thomas Timcho asked if it is worth it for sites to use test certificates if they are not ready for production
 - Jimmy Upton said yes for the experience and to be familiar with the process.

Validation Phase

- Christina Spindler discussed the Validation Phase and what needs to happen.
- Validation Subcommittee to begin meeting April 29 through July. Thursdays, 12PM – 1PM ET.

Follow-On Activities

- Roy Goudy discussed what a Follow-On activity may include
- Annex G of the SDD (the parking lot) serves as a starting point
- Siva Narla says enough is not known about when a Follow-On activity can begin
- Steve Sill says there is uncertainty but FHWA is interested in addressing the issues in the parking lot.
- Funding remains unknown for Follow-on activity.
- Mike Shulman described potential areas for follow-on activity from the OEM perspective.

Project Schedule

Roy Goudy went over project schedule

- Validation phase from April-June 2021
- Final Implementation Guidance Document expected September 2021
- Next CI Committee Meeting on May 17, 2021. 3-5 PM.

Closing Remarks

- Deb Curtis, Steve Sill, and Siva Narla gave closing remarks

Meeting Adjourned at 4:45 PM.

Agenda

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