

FR / AASHTO CTSO Roundtable session August 30, 2018



AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHTO



AASHTO

PROGRAM AGENDA

	Topics	Duration	Content
10:30	Introduction By FR and AASHTO delegations Leads AASHTO Lead: Bill Panos, Director, WYDOT and AASHTO CTSO Chair	10 minutes	This portion of the roundtable session sets the stage for presentations, discussions and next steps. Moderator : 5 min
10:40	CAV Deployment	30 min – AASHTO 30 min – FR	This portion of the roundtable session sets the stage for presentations and discussions related to ongoing and planned deployment initiatives related to AVs and CVs.
11: 40	Discussion	40 minutes	This portion of the roundtable session sets the stage for discussions on key areas of interest and ongoing policy and deployment activities related to CV.
12:20	Working LUNCH	20 minutes	Possible Industry Presenter or 20-102 Project Presenter on CAV Use cases
1:20	CAV Use cases Discussion	40 minutes	AASHTO and FR representatives discuss CAV Use cases
2:00	CAV Evaluation Frameworks Discussion	40 minutes	AASHTO and FR representatives discuss CAV Evaluation Frameworks
2:40	Closing Discussion and Next Steps		
3:00	ADJOURN		

Part 1

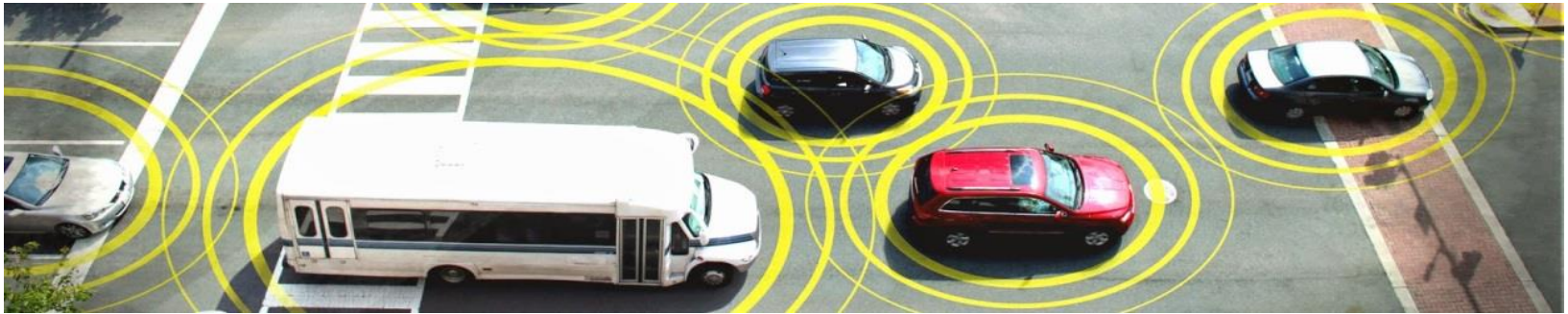
Part 1: CAV Deployment Updates Total Time = 100 minutes

This portion of the roundtable session sets the stage for presentations and discussions related to ongoing and planned deployment initiatives related to AVs and CVs.

AASHTO Presentations 30 minutes

FR Presentations 30 minutes

Roundtable Discussion 40 minutes



Part 1 - Updates on Connected and Automated Vehicles (CAV) Deployments

10:40 AM to 12:20 PM

AASHTO CAV Deployment Updates

Candidate Presenters TBD

- California
- Colorado
- Georgia
- Michigan
- Utah
- Washington
- Wyoming
- Oakland County, MI

FR CAV Deployment Updates

- Introduction
- Elements of context of CAV in France
- Ongoing and future deployments

CAV Deployment Updates

Potential Discussion Topics

- Experiences related to planning, design, procurement and deployment of CAV infrastructure elements
- Infrastructure readiness: Existing infrastructure elements enabling CAV deployments
- Communications issues
- Integration of CAV infrastructure within existing ITS frameworks
- Data management
- Security
- Industry partnerships
- Others

Part 2

Part 2: Working Lunch

CAV Research and Use Cases Updates Total Time = 20 minutes

Possible Industry Presenter or NCHRP 20-102 Project Presenter on CAV Use cases.



Part 2 - Updates on Connected and Automated Vehicles (CAV) Research and Use Cases

Working Lunch 12:20 PM – 1:20 PM

Working Lunch CAV Use Cases

Candidate Presenters

- NCHRP 20-102 Roadmap Update – Ray Derr, TRB

Part 3

Part 3: CAV Use Cases DISCUSSION Total Time = 40 minutes

AASHTO and FR representatives discuss CAV Use Cases



Part 3 - Connected and Automated Vehicles (CAV) Use Cases - Discussion

1:20 PM – 2:00 PM

CAV Use Cases

Discussion

- DOT experiences
- FR experiences

FR Potential discussion topics

- Definition of services
- Specifications, Development and Validation
- Security and privacy
- Architecture and telecommunication

Part 4

Part 4: CAV Evaluation Frameworks DISCUSSION

Total Time = 40 minutes

AASHTO and FR representatives discuss CAV Evaluation Frameworks



Part 4 - Connected and Automated Vehicles (CAV) Evaluation Frameworks - Discussion

2:00 PM – 2:40 PM

CAV Evaluation Frameworks

Discussion

- DOT experiences with CV pilot deployments:
 - Wyoming
 - Others

CAV Evaluation Frameworks

FR Experiences – Potential discussion topics

- Evaluation methodologies
 - FOT based approach
 - Simulation based approach
- Impacts on Traffic, safety, environment
- Facilities (Living Labs, Test Facilities...)
- Others

Part 5

Part 5: Closing DISCUSSION and Next Steps

Total Time = 20 minutes

AASHTO and FR representatives discuss next steps for continued engagement

Potential Next Steps

Future engagement opportunities

- Webinars
- TRB 2019 Roundtable Session
- Others