

# CAT Coalition AV Infrastructure-Industry Working Group Quarterly Meeting

October 29, 2020

2:00-3:30 pm (Eastern)

# Today's Agenda

- Welcome and Introductions
- Ongoing Commitment to Outreach and Knowledge Transfer
- Quick Update from Focus Area WG: IOO-OEM Forum
- Partner Reports: USDOT, ITS America, ITE, AASHTO, and Other Partner Organizations
- Easy Mile's Perspective on AV Deployment
- Honda's Perspective on CAV Deployment
- Next WG Meeting and Adjourn

# AV I-I Working Group Introduction

- The role of this Working Group is to:
  - Support pre-competitive industry research that will advance infrastructure development and maintenance
  - Connect IOOs with industry
  - Support the natural evolution of infrastructure to accelerate CAVs
  - Clarify terms, definitions and target audiences
- Last meeting agenda recap:
  - IOO-OEM Forum Update on Connected Work Zones
  - Challenges and Opportunities in Automated Driving by John Leonard
  - Institute of Automated Mobility's AV Safety Assessment

# Ongoing Commitment to Outreach & Knowledge Transfer

- Suggestions from WG Members on Ways to Enhance Impact:
  - Proposed new WG Members
  - Communications with/involvement in other initiatives outside the CAT Coalition
  - Knowledge resources to include on CAT Coalition website

# Quick Update from Focus Area WG: IOO-OEM Forum

Collin Castle, Michigan DOT

# IOO/OEM Forum October 14-15 Meeting & Outcomes

- The **current structure** remains valid, productive, and appropriate.
- **Increased involvement** would be beneficial, perhaps by manufacturers of signal controllers, RSUs, and OBUs, either in the IOO/OEM Forum or other CAT Coalition working groups
- Current **products are valuable** for advancing to V2I communications with production vehicles, and also demonstrate the levels of trust and cooperation built between the IOOs and OEMs.
- **More to do** after current set of products is completed, and a Task Force was suggested to discuss the future beyond 2021 and how OEMs and IOOs can continue to rely on each other in the partnership that is needed to achieve V2I connectivity.
  - A permanent organizational structure needs to be established to develop and update connected V2I applications.
- Creation of new **IOO/AV Forum** was discussed and supported.
- Discussion and updates from the SPaT/RLVW, RSZW, and Connected Automation Work Groups

# Partner Reports

US DOT, ITS America, ITE, AASHTO, and Other Partner Organizations



# EasyMile's Perspective on AV Deployment

Lauren Isaac, EasyMile



# Honda's Perspective on CAV Deployment

Sue Bai, Honda R&D Americas

# Action Items & Next Steps

## Next Meeting

AV Infrastructure-Industry WG

- December 17, 3:00-4:30 pm (Eastern) - Tentative