

**Meeting Minutes**

**ACS60 Truck and Bus Data Subcommittee**

**TRB 2024**

Monday, January 8, 2023, 3:45 – 5:30 PM

Location: Marriott Marquis, Mount Vernon Square (M3)

**Minutes**

The theme for our data subcommittee meeting was to explore new data sets, discuss industry or regulatory needs from a data perspective, or just generally talk about data enrichment.

**3:45 – 3:55 pm                      Welcome and Introductions**

**3:55 – 4:20 pm                      Truck Parking Overview, Tools, and Needs**

Jack Kong  
Assistant Research Scientist  
Texas A&M Transportation Institute

First, Jack Kong from Texas A&M Transportation Institute TTI presented on a macro/micro TXDOT tableau-style visualization tool, particularly on parking demand, with the ability to query more minute collected data. There was also a brief discussion on data accessibility, data integrity, and data product transparency related to truck parking, as well as current technologies to assess available parking. I will be providing the link for the tool along with the slides and notes.

**4:20 – 4:45 pm                      ADS For Rural America**

Omar Ahmad  
Deputy Director of Driving Safety Research Institute  
The University of Iowa

Afterwards, Omar Ahmad from The University of Iowa presented on Iowa’s ADS for Rural America Project, a grant provided under the US DOT Demonstration Program through the Federal Transit Administration. He described naturalistic data collection occurring on a circuit of rural Iowa roadways with a paratransit bus. Altogether there are 80 trips in autonomous mode across 6 different collection phases, with camera, lidar, and other sensor information available. Also, biometrics were collected from both passengers and a safety driver. The data portal, webinars, dictionaries, and other information I’ll be able to disseminate as well.

**4:45 – 5:05                              Transit Workforce Data Dashboard Overview and Discussion**

Shayna Gleason  
Research Associate  
International Transportation Learning Center

Our third presentation was on a transit workforce data dashboard by Shayna Gleason and co-authors Douglas Nevins and Michaela Boneva from the Transit Workforce Center’s International Transportation Learning Center. They walked through another visualization tool of Transit workforce data from both the Bureau of Labor Statistics as well as the FTA’s National Transit Database. They walked through some key uses of the visualization tool as well as certain limitations from the datasets. As with the others, I’ll provide slides and links for this tool.

**5:05 – 5:20**

**FMCSA Advanced Analytics Division Update**

Jenny Guarino  
Statistician  
FMCSA Advanced Analytics Division

Then we had Jenny Guarino from FMCSA’s new Crash Data Analytics team present on updates to the Crash Causal Factors Program area, highlighting Data mapping in 2024 and a phased collection starting in 2026. The first phase will consist of Class 8, second phase is class 3 through 6, and the last phase on Buses. Through the project, they’ve mapped each state or local police crash report to determine which states align with MMUCC and which states go beyond the minimum criteria to maximize crash reconstruction capabilities. Jenny also provided an update on the picture of crashes and the included databases and data streams.

Last, Olu Ajayi from FMCSA’s Analysis division provided an update on the State Safety Data Quality measures, as well as an update on the A&I tools to mine registration data. Following that he provided an update on some safety analysis effort to better track carriers with exemptions to hours of service in order to compare to similarly operating carriers without these exemptions.

**5:20 – 5:30**

**Other discussion/research ideas**

Open Mic  
Closing

We have a few initiatives started to add some Research Needs Statements and other topics that have come up intra-committee so I’m happy to facilitate some of these relationships in order to create new statements.

**Stand-in**

**FMCSA Data Repository for Naturalistic Data**

Zeb Bowden  
Director of Technology Development & Deployment  
Virginia Tech Transportation Institute