

Valley Metro – Waymo AV Mobility-on-Demand (MOD) Project: Experience from a Real-World Pilot Demonstration



Angie DeVore,
Valley Metro



Joseph Gregory,
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Discussant:
Kaity Fischer, Waymo



Moderator:
Luke Tate, ASU



Ram M. Pendyala,
ASU



Thaddeus Miller,
UMass-Amherst

Friday, May 7, 2021
12:00 – 1:30 PM (US Arizona)
Online/Webinar (Zoom)
[Registration Link](#)

About the Panel

Angie DeVore is the Manager of Administrative Support Services and Project Management for Valley Metro, the regional public transit agency in the Greater Phoenix metropolitan area. She coordinated and managed all aspects of the partnership and the Mobility-on-Demand pilot/demonstration project.

Joseph Gregory is the Manager of Geographic and Service Planning at Valley Metro.

Ram M. Pendyala is a Professor of transportation systems and Director of the School of Sustainable Engineering and the Built Environment at Arizona State University. He served as the principal investigator for the project.

Thaddeus Miller is an Associate Professor in the School of Public Policy at the University of Massachusetts, Amherst, specializing in urban sustainability and the development of smart cities and regions.

Kaity Fischer is the Strategic Partnership Development Manager at Waymo and coordinated all aspects of Waymo engagement in the Mobility-on-Demand pilot/demonstration project.

Luke Tate is the Managing Director of the Office of Applied Innovation at Arizona State University. He is also a Professor of Practice in the School for the Future of Innovation in Society of the College of Global Futures.

About the Talk

As part of a Federal Transit Administration (FTA) sponsored Mobility-on-Demand project, Valley Metro partnered with Waymo to deploy an autonomous vehicle (AV) based mobility-on-demand service for a self-selected sample of ambulatory ADA-certified individuals who currently rely on Valley Metro's paratransit and RideChoice (subsidized taxi) services for their transportation needs. Study participants were able to ride Waymo autonomous vehicles for a period of five months in 2019-2020. Study participants completed a series of surveys and participated in focus groups, thus enabling the study team to assess attitudes and perceptions towards AV-based Mobility-on-Demand services and impacts that such services may have on travel behavior/demand. ASU researchers conducted three surveys and focus groups as part of the study. This event will feature a comprehensive presentation about the project and survey/focus group results, followed by a 30-minute moderated discussion on the future of shared AV-based mobility-on-demand services to meet the transportation needs of all segments of society.

This seminar has been converted to a webinar and is now webcast live to a worldwide audience using Zoom.

Recordings of all sem(web)inars may be accessed by semester at <https://www.tomnet-utc.org/seminars.html>.