Automated Low-Speed Shuttles: State of the Practice

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State of the Practice

Low-Speed Automated Shuttles in the United States

Low-Speed Automated Shuttles: State of the Practice Study (ITS JPO/Volpe Center

- Monitor development and deployment activity
- **Convene** working group of early deployer communities and other organizations interested in small, automated shuttles.
- Document Emerging Findings including best practices, barriers, and lessons learned from early deployers and technology suppliers

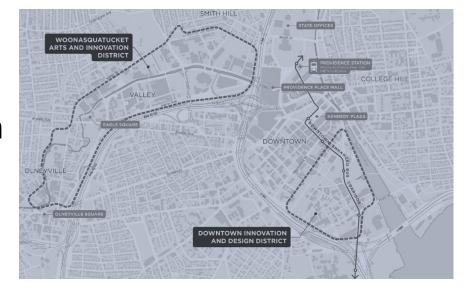
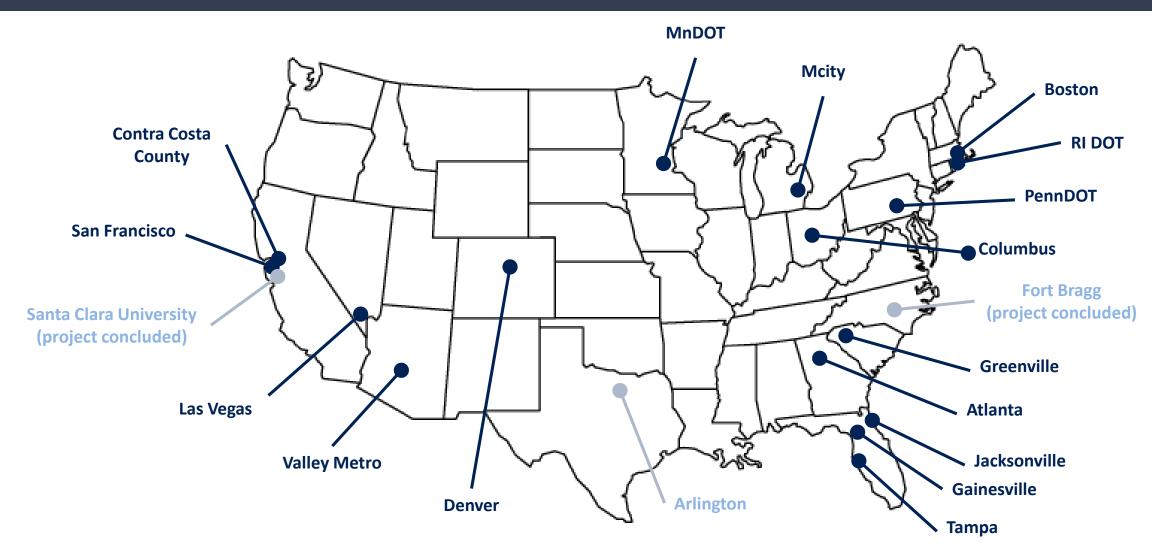


Image: RIDOT

Working Group Member Projects



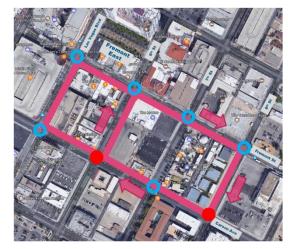
Case Studies



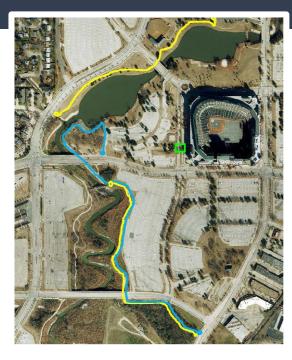
Jacksonville







Las Vegas



Arlington

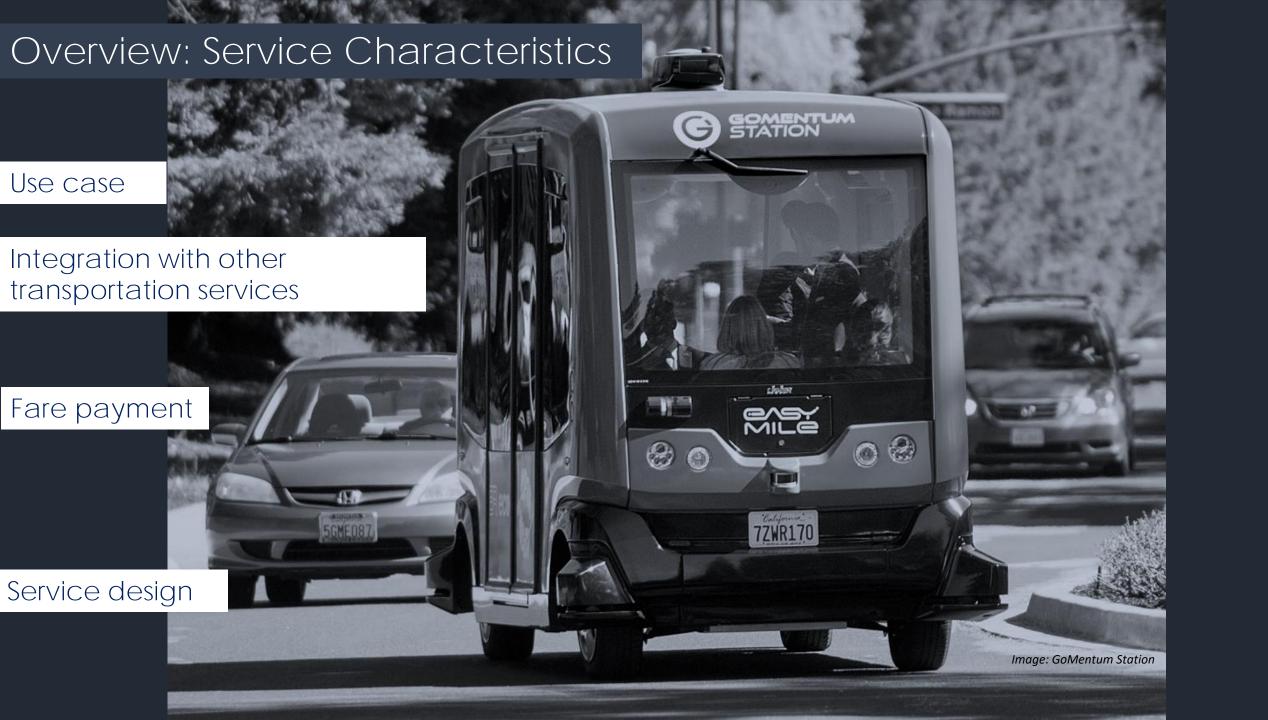


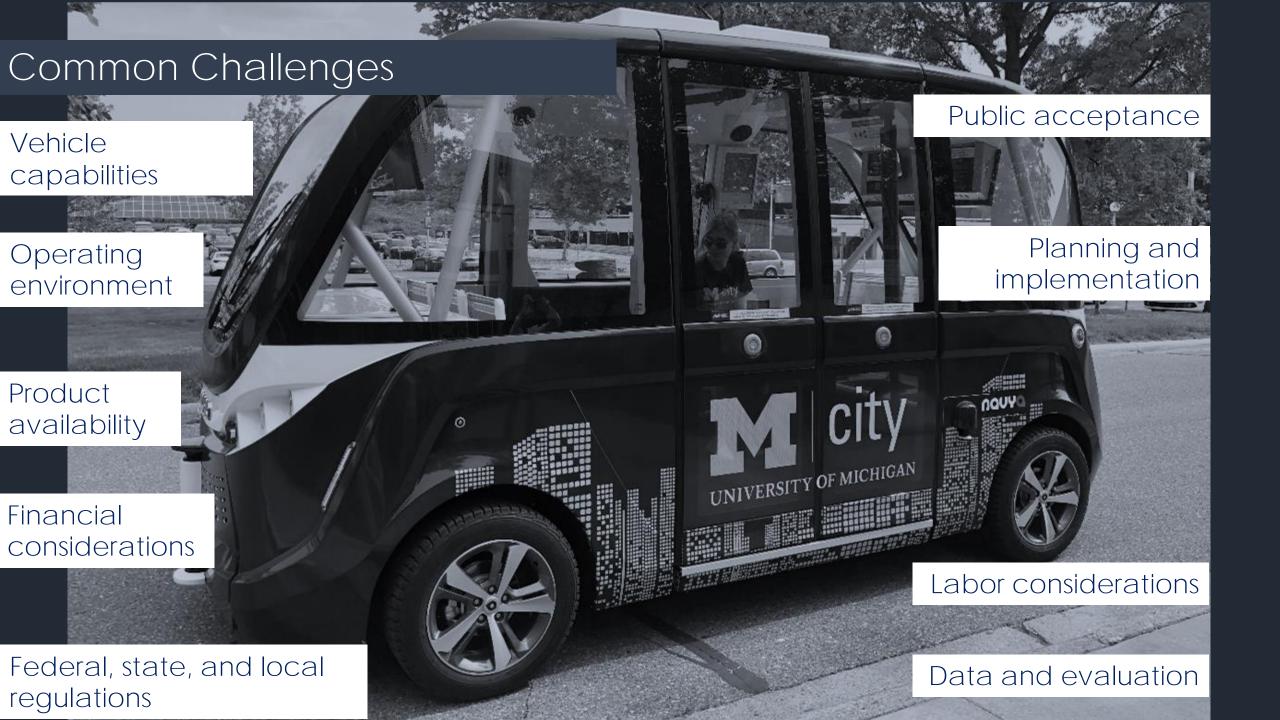


Ann Arbor

Report Link:
https://mcity.umich.edu/wpcontent/uploads/2018/09/mcitydriverless-shuttle-case-study.pdf







Key Findings

Substantial interest

Evolving vehicles

Use cases

Onboard attendants



Evaluation

What's Next?

- U.S. DOT Research in Progress
 - Smart Columbus May Mobility Demonstration (ITS JPO)
 - San Francisco (Treasure Island) and Greenville, S.C. (FHWA)
 - Human Factors and User Acceptance Research (FTA)
- Potential U.S. DOT Funding Opportunities
 - Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants (FY2019 and FY2020)
 - Automated vehicle demonstration grants (Consolidated Appropriations Act, 2018)
 - Integrated demonstration grants (FTA STAR Plan)
- Other Activities
 - TCRP J-11/Task 27 Low-Speed Automated Vehicles (LSAV) in Public Transportation (link)

Keep in Touch!

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