

AUTONOMOUS VEHICLE DEPLOYMENTS IN ARLINGTON



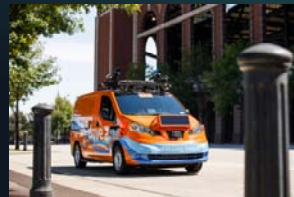
ITE MEETING
MAY 9, 2019



TRANSPORTATION PHILOSOPHY

BYPASSING 20TH CENTURY PUBLIC TRANSPORTATION INFRASTRUCTURE

- Arlington chose not to invest in traditional, fixed public transit infrastructure
- This now positions us to be a bold leader on new and innovative solutions
- We are testing new technologies in a real-world setting
- We are building public awareness and acceptance of new approaches and technology



**"ARLINGTON'S
APPROACH TO
IMPLEMENTING
TECHNOLOGY IS
FORWARD-THINKING,
INNOVATIVE, AND AGILE."**
-Marble Robotics



MILO AV SHUTTLE

MILO: UNITED STATES' FIRST AUTONOMOUS SHUTTLE PROGRAM OPEN TO THE PUBLIC

- Test AV technology in a real-world setting
- Educate citizens and visitors about AV technology
- Establish Arlington as a National AV leader



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City of Arlington, Texas



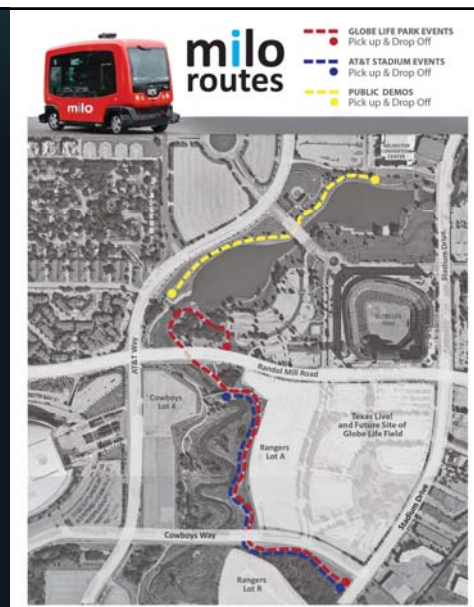
MILO AV SHUTTLE

PROJECT DETAILS

- Operated off-street only on trails in the Entertainment District
- Programmed a total of three routes
- Served over 110 events, including major events at the stadiums, public demos, special group tours
- Always had a trained operator on board

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City of Arlington, Texas





MILO AV SHUTTLE

LESSONS LEARNED

- Challenges with this class of vehicle
- High resource needs for service
- Potential use cases for AV technology
- General citizen support for AV testing
- Knowledge to optimize future deployments



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City of Arlington, Texas



DRIVE.AI AV SHUTTLE

DRIVE.AI'S FIRST AUTONOMOUS SHUTTLE PROGRAM OPEN TO THE PUBLIC

- Phase 2 of Arlington's AV testing: on-street
- One year pilot with up to five vehicles
- On-street routes up to speeds of 35 mph



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City of Arlington, Texas



DRIVE.AI AV SHUTTLE

PROJECT DETAILS

- Operates on-street in the Entertainment District
- Serves key destinations, including stadiums, convention center, hotel, office park, restaurants
- Service Monday – Friday from 11am to 4pm, as well as special service for football games



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City of Arlington, Texas



DRIVE.AI AV SHUTTLE

PROGRESS TO DATE

- From Launch to end of March:
 - 131 service days offered
 - 650 trips
 - 1203 passengers carried



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City of Arlington, Texas

