

Road to Relay and Beyond

Creating an Autonomous Vehicle (AV) Ecosystem in Virginia

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Fairfax County Department of Transportation (FCDOT)

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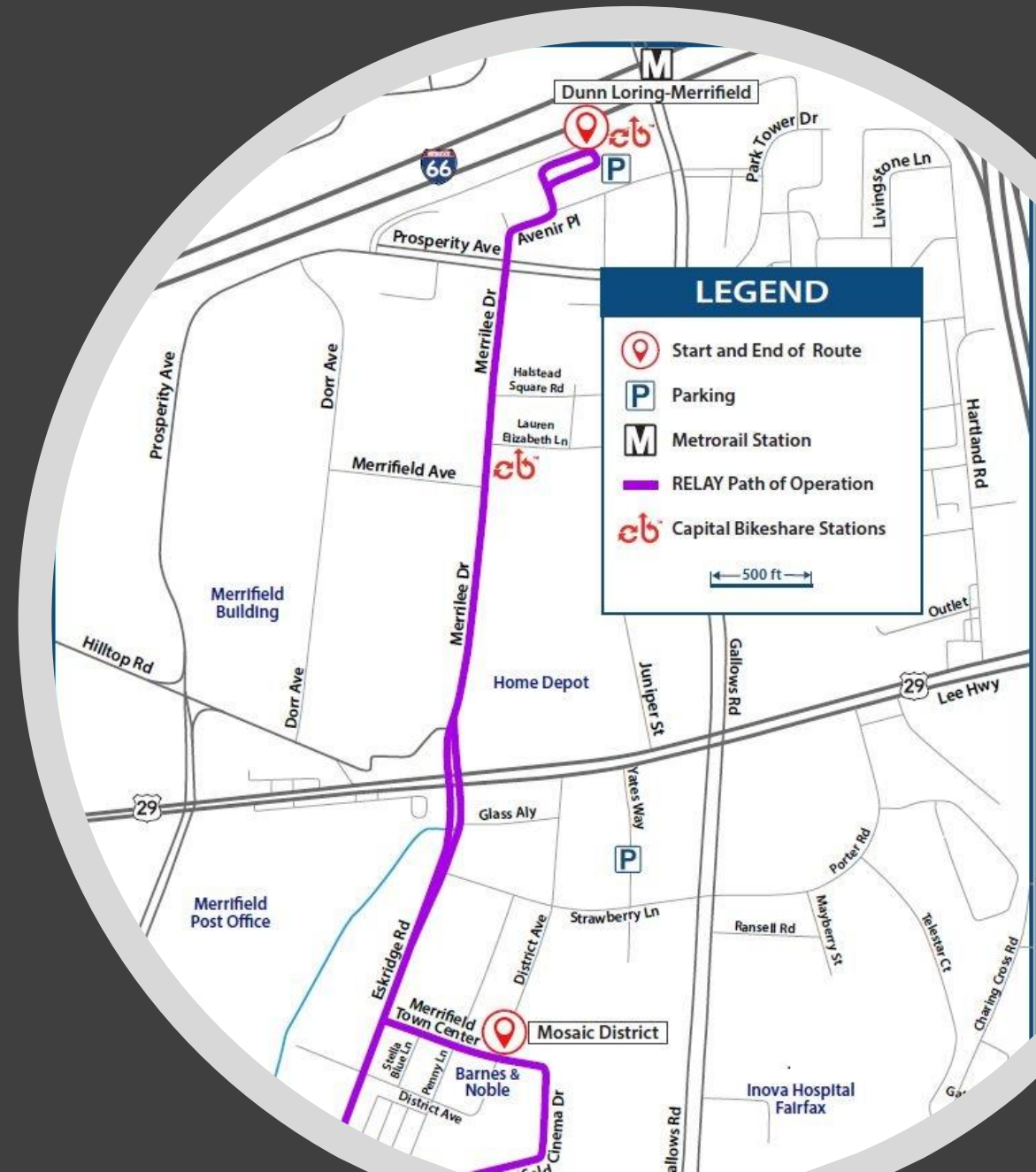
The Relay Use Case

- Learn about AV technology with a real-world pilot
- Create first-mile/last-mile connection
- Engage a diverse set of Fairfax County residents



Relay in Operation

- Autonomous vehicle with safety steward onboard
- Easymile EZ10 Gen3 vehicle
- Route operates between Dunn Loring Metro and Mosaic District
- Runs Monday – Thursday 10 am to 2 pm
- FCDOT provides operational oversight of Relay, including operations contract with Transdev



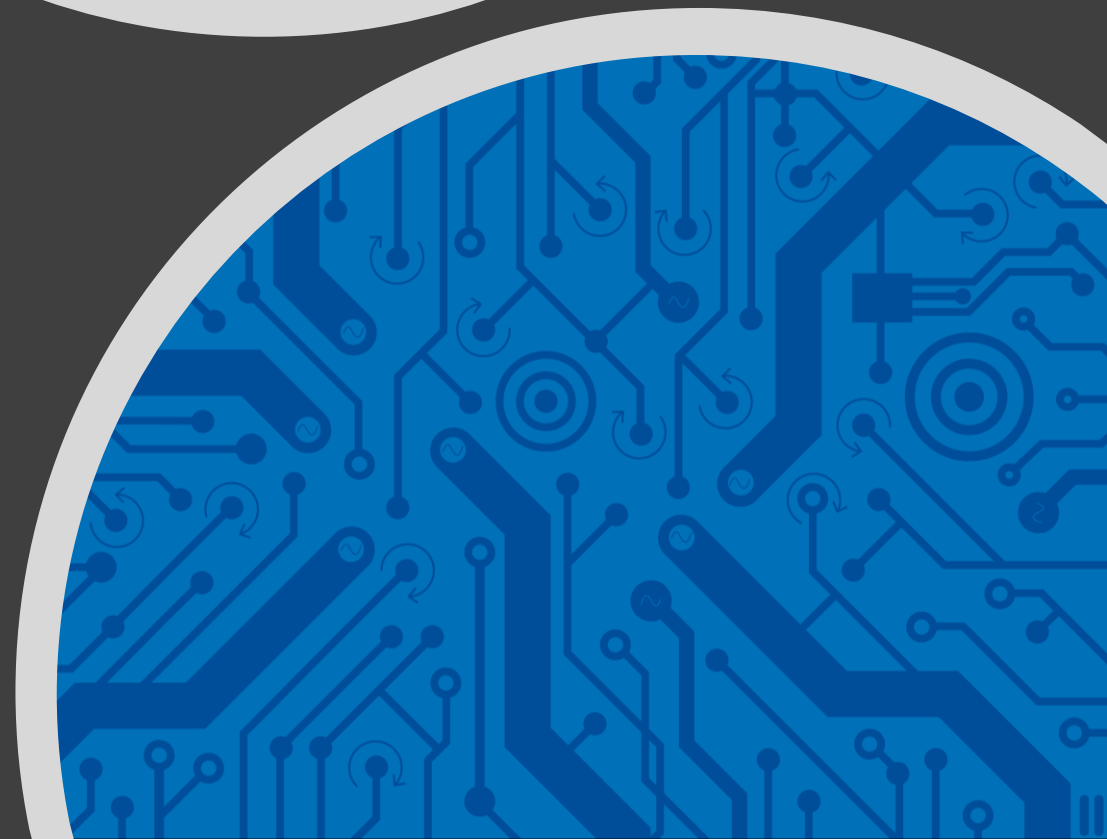


Fire and Police Training

- Easymile and Transdev held training sessions with FCDOT and local fire and police departments to respond to incidents involving Relay

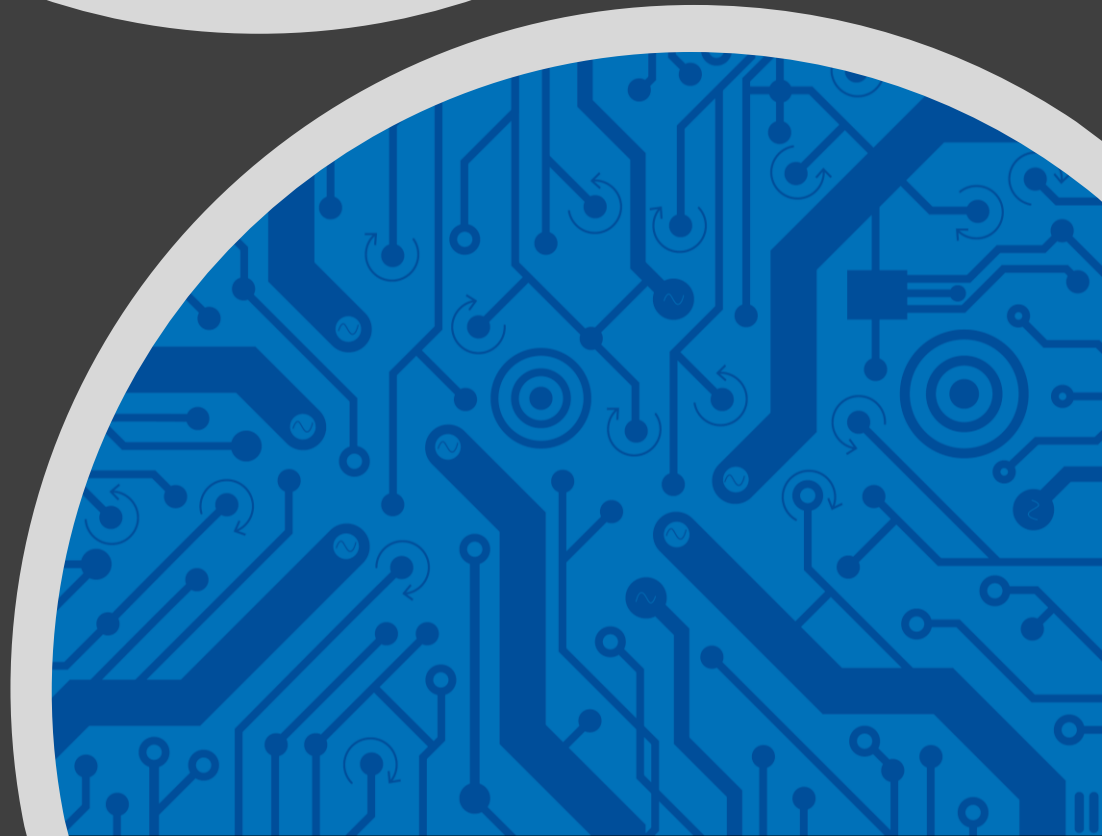
Safety Steward Training

- Extensive training and evaluation of safety steward
- Safety steward always onboard to ensure a safe operation



Impacts due to COVID-19

- Reduction in foot traffic at Mosaic and ridership from Dunn Loring Metro
- COVID-19 policies:
 - Increased cleaning
 - Mask mandate
 - Limit on passenger capacity





Turning Challenges...

- Technical troubleshooting
- Infrastructure and environmental limitations
- Interaction with other road users
- Impacts due to COVID-19

...Into Opportunities

- Extending length of initial pilot period
- Exploring other ideas for expansion of pilot



Questions? Want more info?

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[www.fairfaxcounty.gov/transportation/
autonomous-shuttle-pilot](http://www.fairfaxcounty.gov/transportation/autonomous-shuttle-pilot)

