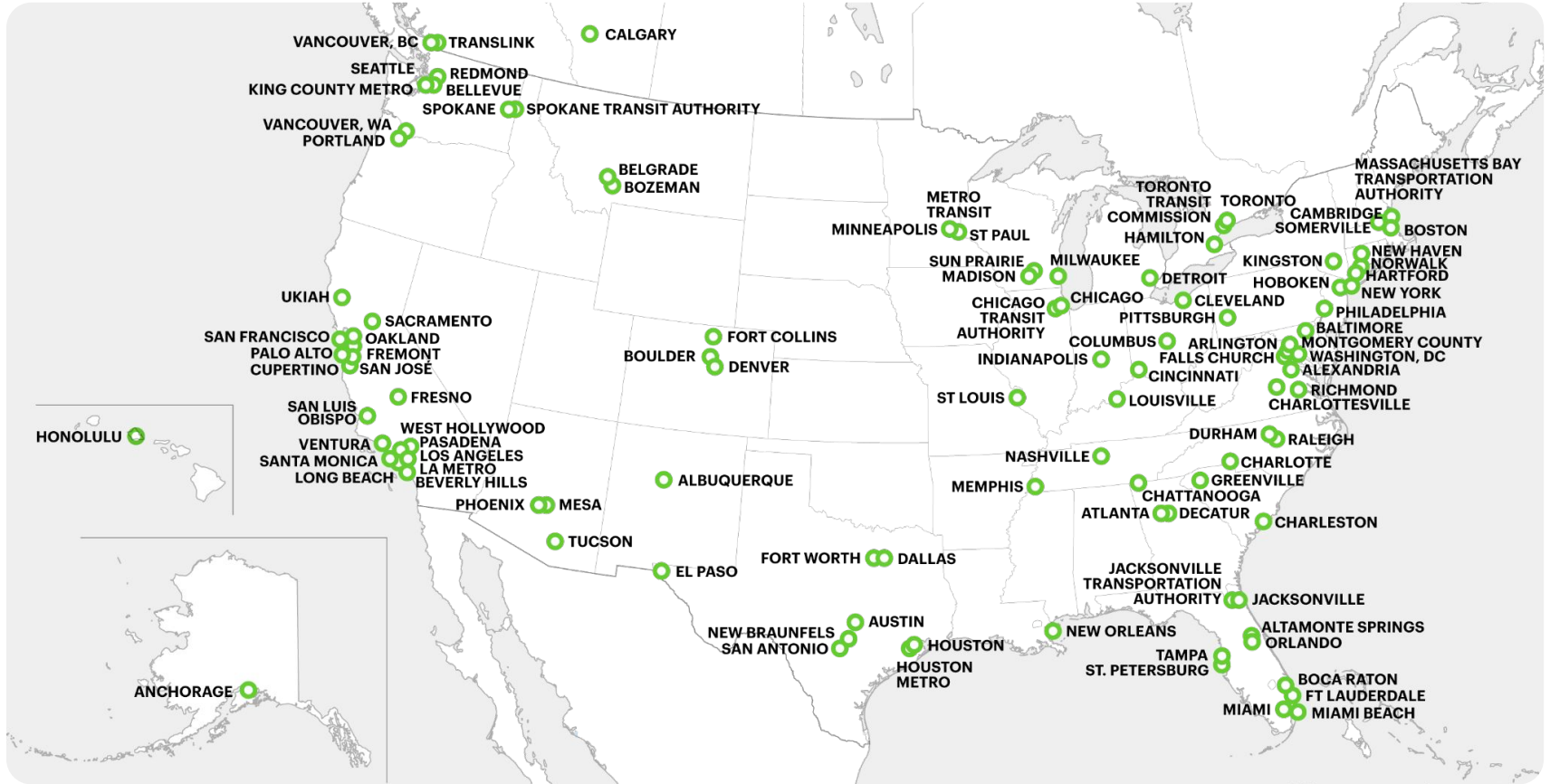


Autonomous Vehicle Technology Symposium

Wednesday, April 15th at 3:00-5:00pm
Atlanta Regional Commission – Harry West Conference Room

Cary Bearn
Senior Manager, Multimodal Design and Programs





People come first in the autonomous age.

People walking, biking, rolling, and resting get first priority for street space and resource investments.



Building for **high-capacity on-street transit** is essential for growth without congestion.

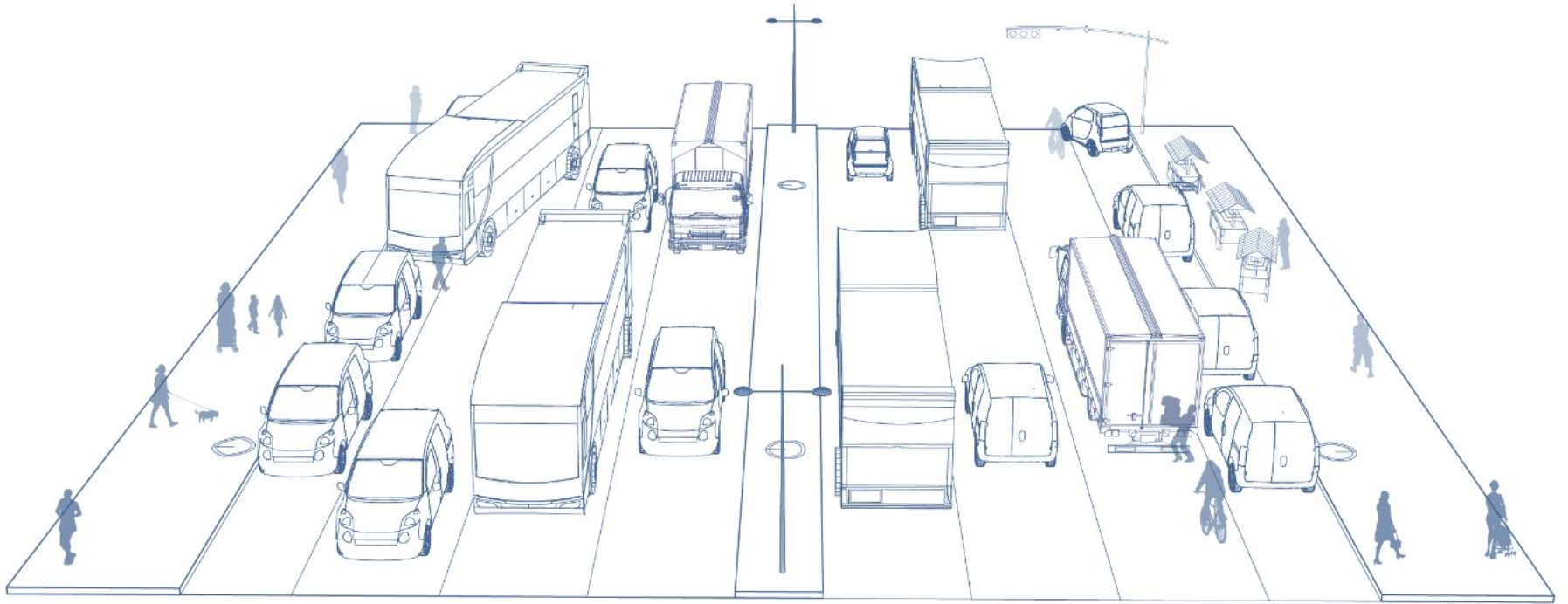


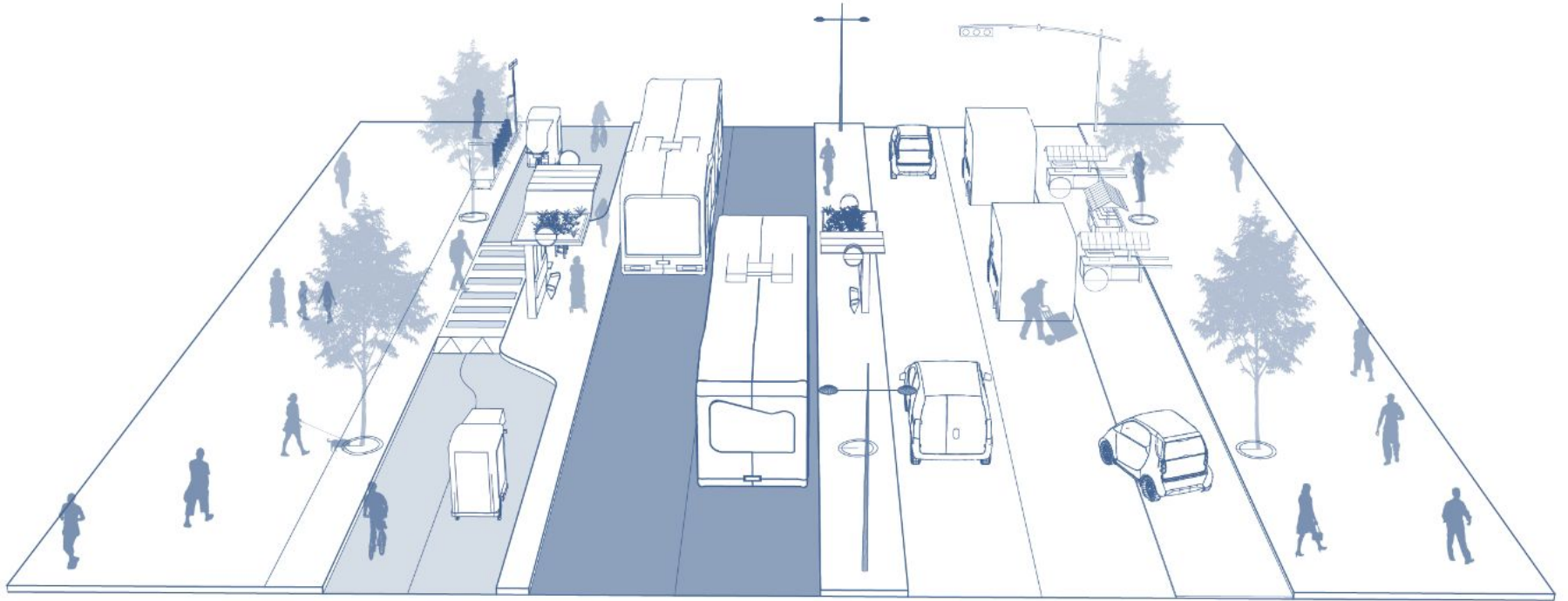
Freight and delivery services are consolidated to increase efficiency. Vehicles are downsized.

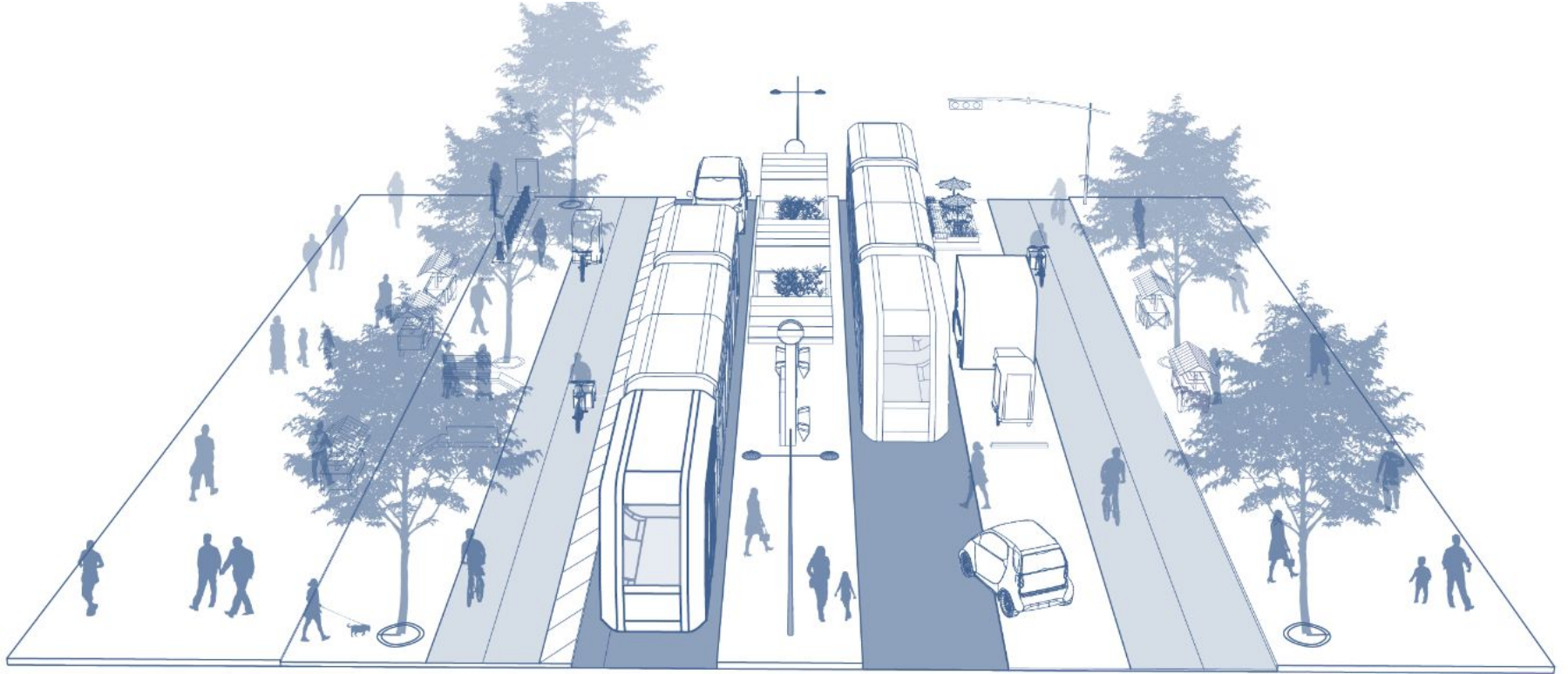


Private vehicles and parking are deprioritized.

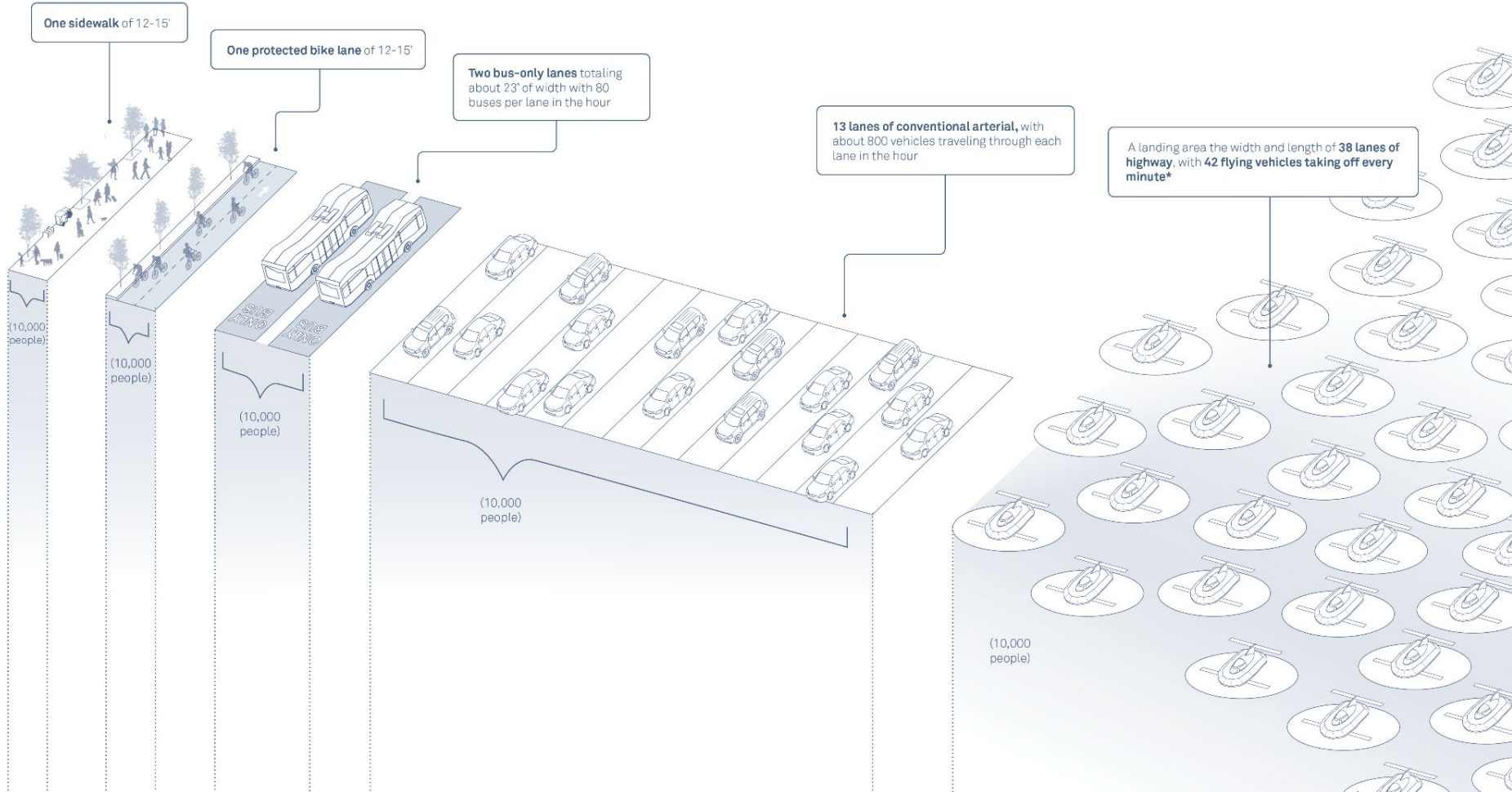








What Does It Take to Move 10,000 People Per Hour?



Uber aet: states that its conceptual Uber Air skyports could accommodate 1,000 landings per hour on a footprint of 1 to 2 acres. Assuming four passengers per vehicle, accommodating 10,000 passengers per hour would require a footprint of 2.5 to 5 acres

Autonomous vehicles are here, and cities are the current and future testing and deployment grounds of this new technology.



WELCOME • WST SEG 6 • OAKLAND • MURPHY TRAIL • ATL SPOKE • Q&A • MURPHY CROSSING • Q&A • MEETING WRAP UP

ATL Spoke



Rolling Stock: Karson eJest minibus



AUTOMATED TRANSIT NETWORK PILOT PROJECT

The Automated Transit Network (ATN) Demonstration Pilot is a free, on-demand transit demonstration coming December 2026 connecting the ATL SkyTrain at the Georgia International Convention Center to the Gateway Center Arena using dedicated lanes called fixed guideways.

ATN PURPOSE AND GOAL

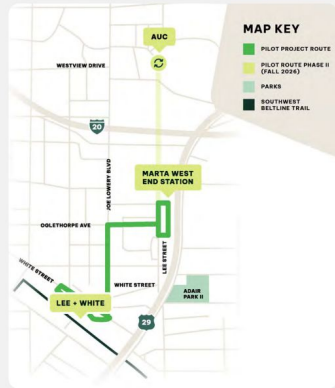
The ATN demonstration pilot is a test project to show how an ATN system can work in real-life using Glydways technology. It will demonstrate the user experience of the ATN and illustrate how the system can grow over time, in real-world environments.



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ATL Spoke

- A free, autonomous shuttle service connecting Southwest Atlanta to the future
 - Coming Q2 2026
- 12-month pilot program
- Provides last mile service from MARTA West End Station
- Service: 10 hrs./day & 16 hrs./day on FIFA game days



Atlanta, Ga.
Cumberland Hopper

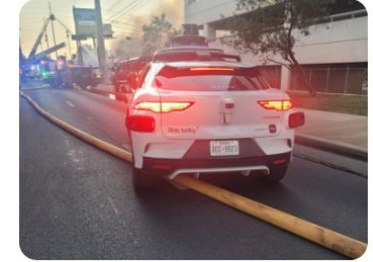
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The Hopper is an autonomous shuttle pilot program provided to the community by the Cumberland CID as part of a major mobility project called the Cumberland Sweep.

Already, cities have documented robotaxis:

Entering and getting stuck in active construction zones and pedestrian areas



Failing to stop for school buses letting children off near their homes

Stalling in the middle of intersections across a city when traffic lights went out



Navigating into flooded roads with passengers onboard

Photos 1 to 4: Austin, TX (via City of Austin); 5: Atlanta, GA (via Byron Rushing), 6: San Francisco, CA (via @chii-rinna)

How cities can use the power they have:

In many cities, this is largely their voice and relationships.

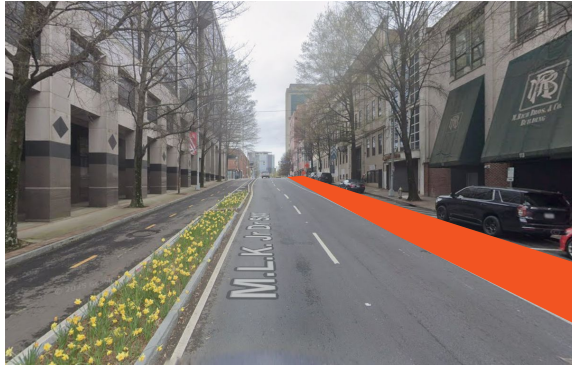


Get started:
Understand the
regulatory landscape

Get organized:
Build an internal team

Get to work:
Set clear goals and
priorities for building
partnerships and
addressing challenges





Thank you

Cary Bearn
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