



An Autonomous Future

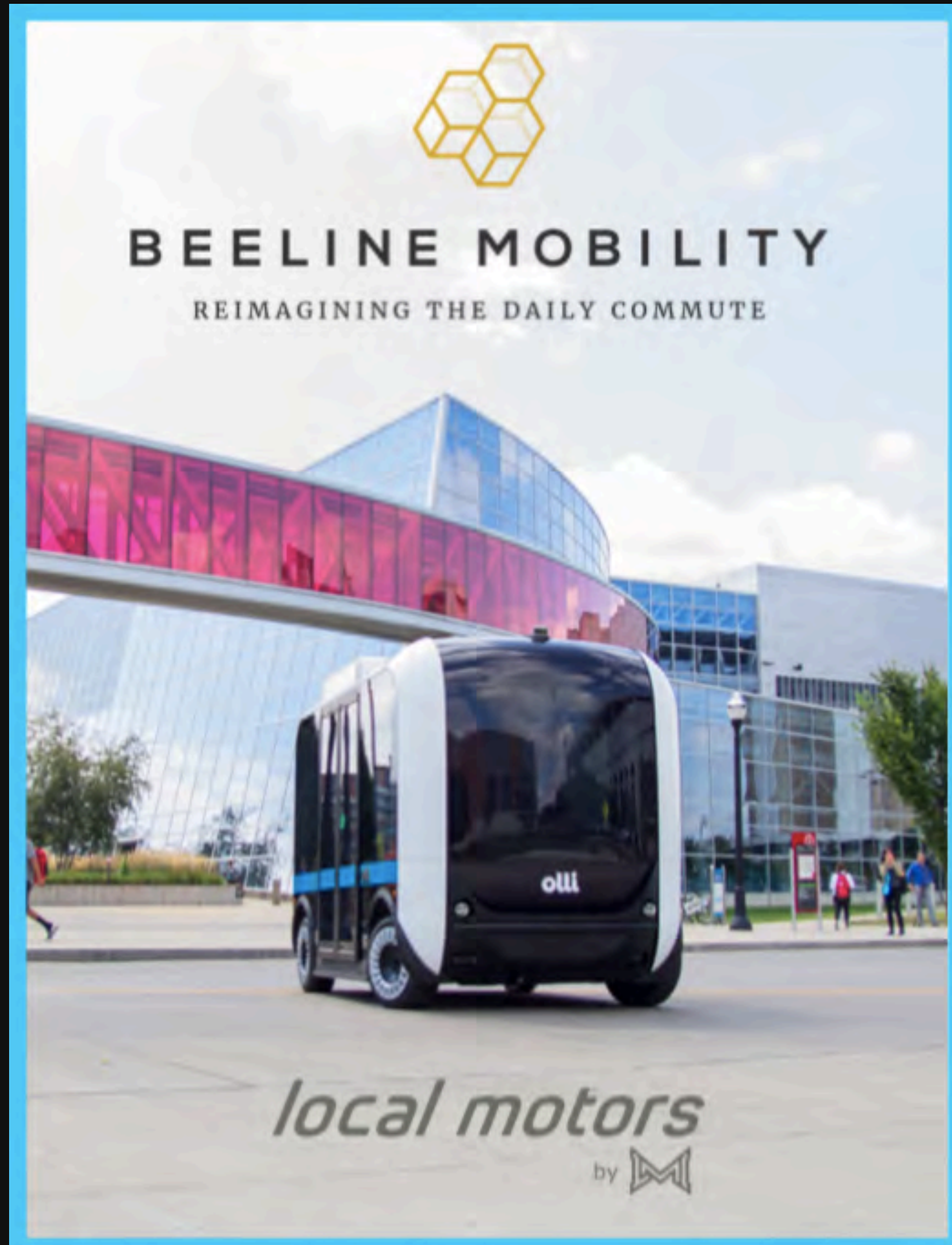
Beeline Mobility has launched a nationwide rollout of autonomous vehicle services such as planning, operating, and managing first and last mile connector programs. Hopefully starting with the City of Mercer Island, WA.



Bobby Lauterjung
Co-Founder | Executive Director



**Washington State
Department of Transportation**



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Thank you for the invitation:



Washington State
Department of Transportation



About Beeline Mobility

Commute Solutions provider specializing in the design, operations, and ongoing management of mobility programs for private companies, cities, and more.



Beeline Mobility's Mission

"Reimagine the daily commute to help our client's increase their return on investment, improve their employees' quality of life, and protect the environment that we all share."

Beeline Mobility Team



Bobby Lauterjung
Co-Founder and Executive Director, Beeline Mobility



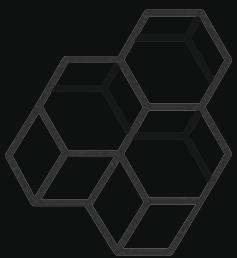
Taylor Gygi
District Sales Manager, Local Motors



Sarah Boden
Chief Growth Officer, Beeline Mobility



Nick Sams
Chief Operations Officer, Beeline Mobility



CONSULTING SERVICES

- Program Planning
- Program Operations
- Program Management
- Employee & Community Engagement



SHUTTLE SERVICES

- Autonomous, Electric, Standard Shuttles
- Employee Shuttles
- Community Shuttles
- Service Planning
- Shuttle Operations
- Parking Sourcing & Procurement





Beeline Mobility's AV Objective

is to rollout autonomous first and last mile transit programs to communities across the country (and globe). Mercer Island's service will serve as a proof-of-concept for Beeline Mobility as we prepare to execute a nationwide (and global) strategy.

MANUFACTURERS

local motors



There are many well-known autonomous vehicle manufacturers.

Navya, May Mobility, EasyMile, SB Drive, Auro...

PLANNERS + OPERATORS



But, how many service planners or operators can you think of?

I can think of one.



Mercer Island

An autonomous first and last mile connector service proposed for the City of Mercer Island.

Mercer Island

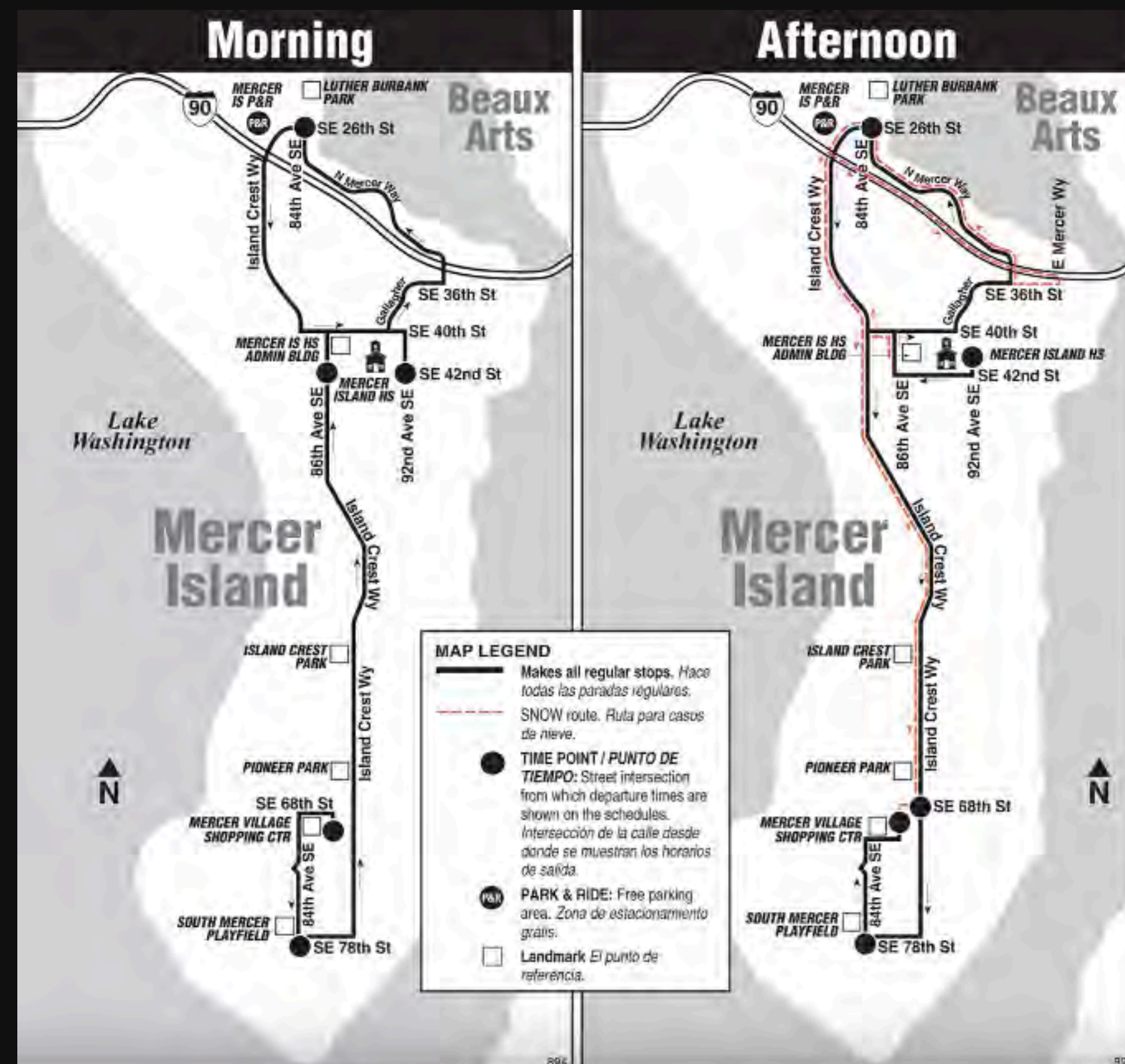
Use Case 1 of 3

Fair and Equitable Accessibility

East of Island Crest Way- which is a main arterial road for the island- and North of N. Mercer Way has little to no access to public transportation. Our proposed service would provide first and last mile access to the Park & Ride and future light rail station (2021).

Underserved Populations that would benefit from Beeline's proposed service:

- Low-Income Housing and Shorewood Apartment Residents.
- Covenant Living at the Shores Retirement and Assisted Living Facility residents.
- Several culture center and private schools such as Stroum Jewish Center, Bright Horizons, and French American School of Puget Sound.
- Daily commuters who work at City Hall or its surrounding diverse business community.





Mercer Island Use Case 2 of 3



Renew the Public's Commitment to Mass Transportation & Reduce Drive Alone Rates

The public is not interested in mass transit right now due to the fallout from the C-19 Pandemic.

This first in state autonomous shuttle service will renew the public's interest in shared modes and hopefully attract a population of commuters that haven't considered riding shared modes previously.

When employers begin returning to their worksites we will have proactively built behavior that values mass transit. And, with the light rail opening in 2021 we have just over 1 year to begin re-establishing first and last mile behavior.

Mercer Island

Use Case 3 of 3



Scalability & Sustainability

Beeline Mobility plans to gain the proof-of-concept needed to scale this autonomous first and last mile connector service on a nationwide level. Our goal is to peak the public's interest and encourage them to re-evaluate their commuting habits.

The intrigue of autonomous shuttles is massive. Beeline plans to bring AV service's like this to cities across the country (and globe) in an effort to reduce drive-alone-habits and the environmental impact that they have on the planet.

Also, it doesn't hurt that our preferred AV manufacturer and partner (Local Motors) makes its vehicle "Olli" in Pheonix, AZ using 3D printed sustainability practices for over 80% of the vehicle.



A.V. SERVICE FOR MERCER ISLAND

Stops

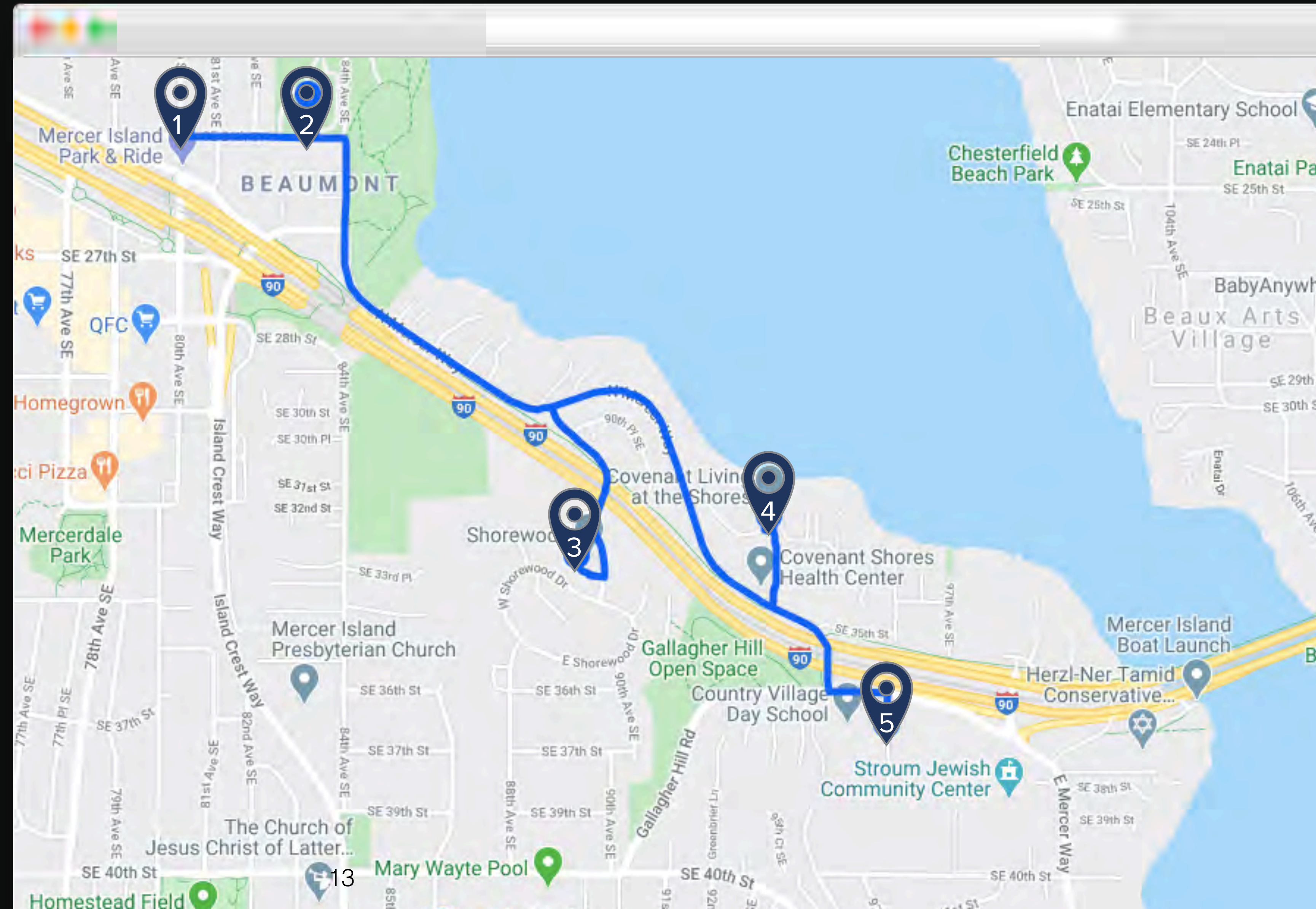
1. Park & Ride
2. Community Center
3. Shorewood Apartments
4. Covenant Living at the Shores
5. City Hall and Business District

Timing

Loops- 6 loops per AM/PM
Frequency- 20 minutes/avg
AM Shift- 6:00am-9:00am
PM Shift- 3:00pm-6:00pm

Vehicle Capacity

Maximum- 8 passengers
ADA- One wheelchair with two additional passengers for sufficient comfort, or one wheelchair with 4 passengers for max capacity.



Autonomous Concept



meet
olli

I'M FLEXIBLE.

I can solve a variety of use cases. Corporate parks, college campuses, or any first and last mile application with ease. Ask me how I can augment your specific transit environment.

I'M ACCESSIBLE.

Where and how I operate makes a difference to those that need me most.

I'M SMART.

I can use my advanced autonomous software and sensors to make decisions on the fly to get you to your destination efficiently.

I'M HELPFUL.

Give your riders back their time, allowing them to be more productive as they get to their destinations.

I'M CUSTOMIZABLE.

Think of me like a platform rather than a product. I can be personalized in numerous ways.

COMMUNITY ENGAGEMENT AND TRAINING (VIRTUAL WEBINAR OR ON-SITE)





Mercer Project Pricing

Any guesses for what a 12-month 1 vehicle pilot might cost?

Hint: Beeline Mobility and Local Motors have heavily discounted their services in support of this project.



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Before I give you the answer here's
why this is a unique opportunity...

Mercer Island and Sound Transit settled a law-suit several years back and therefore the City of Mercer Island has a budget that will almost completely cover the 1st year's service investment.



TERM AND PRICING SCENARIOS

Term	Autonomous	Safety Stewards	Monthly Price	Term Price	Set-Up
24-month pilot	2	3	\$28k	\$662k	\$63k
12-month pilot	2	3	\$35k	\$422k	\$63k
24-month pilot	1	2	\$16k	\$372k	\$63k
12-month pilot	1	2	\$19k	\$231k	\$63k

* Estimated term pricing includes Olli Vehicle Lease, Safety Steward Labor, Project Management Services, Utilities, Parts Maintenance

* Estimated set-up pricing includes Labor, Site Scoping, Mapping, Route Set Up, and Charging Transformer



Next Steps

Project Timeline & Next Steps.



THANK YOU!

BOBBY LAUTERJUNG | EXECUTIVE DIRECTOR |
BOBBY@BEELINEMOBILITY.COM
949-306-3261- CELL