



DYNAMIC PERSONAL MICRO TRANSIT




PROJECT OVERVIEW | PURPOSE & NEED

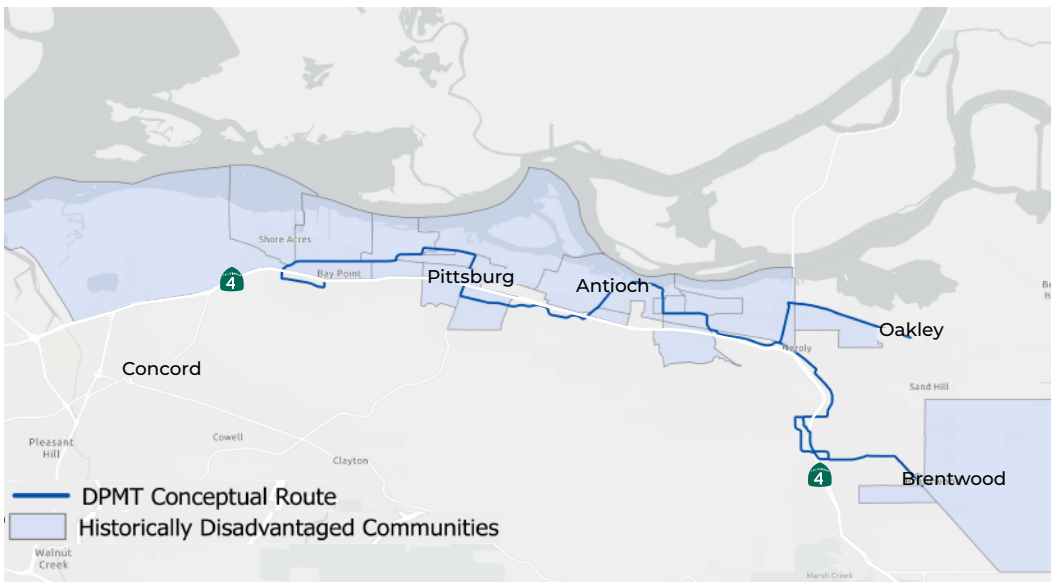
East Contra Costa County (ECCC) congestion will increase dramatically on State Route 4 (SR-4) and parallel roadways due to rapid growth and development in more rural areas to the east.

Although Bay Area Rapid Transit (BART), bus, and rail service offer backbone transit options to ECCC residents, many communities remain underserved by public transit.

79 percent of area residents drive to work on SR-4 which is a vital regional and interregional commute and trade corridor; and one of the most congested corridors in the Bay Area.

Economic development is essential for the east county to address the job-housing imbalance. Micro Transit, implemented through public/private partnership, is a viable solution to relieve congestion, reduce carbon emissions, increase transit accessibility for underserved communities and boost the economy by creating new jobs.

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SUPPORT ECONOMIC DEVELOPMENT AND CREATE NEW JOBS
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CONGESTION RELIEF AND REDUCED CARBON EMISSIONS
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INCREASED TRANSIT ACCESSIBILITY FOR UNDERSERVED COMMUNITIES



PROJECT BACKGROUND | NEXT-GEN MOBILITY

The Dynamic Personal Micro Transit (DPMT) Project is a multi-city, on-demand transit option designed to meet the diverse mobility needs of people in ECCC.

In Spring 2021, the cities of Antioch, Brentwood, Oakley and Pittsburg completed the East County DPMT Feasibility Study (Study) to support a potential micro-transit deployment with Autonomous Vehicles (AVs) in ECCC. Subsequently, the Contra Costa Transportation Authority (CCTA) and Tri Delta Transit partnered to evaluate the potential deployment of the East County DPMT project.

PUBLIC/PRIVATE PARTNERSHIP (P3)

CCTA and Tri Delta Transit have partnered with East County Connection Partners, LLC (ECCP), made up of transportation innovators Glydways and Plenary Americas; and lead construction contractor Flatiron to advance the project. P3's unlock the ability to accelerate deployment of practical and financially sustainable transportation solutions with private financing.

ECCP will help bring the vision of a safe, on-demand, single-party, transportation system into reality with its zero-emission, autonomous, four-person Glydcars. The Glydcars are designed with convenience in mind, with enough space for passengers to easily travel with their luggage or bikes. The vehicles are also fully compliant with the Americans with Disabilities Act and provide enough room to comfortably fit a wheelchair.

This new, fare-based transit solution will help alleviate the increasing congestion on SR-4 and major arterials in ECCC.

FIRST/LAST MILE CONNECTIVITY

The project aims to enhance transit accessibility in ECCC by improving connections to existing options such as BART and local bus services and encourage mode shift, reduce congestion, and increase quality of life.

COST EFFECTIVE AND SCALABLE

These electric vehicles travel in narrow, dedicated, elevated or at-grade guideways, that make more efficient use of space, offer quick and flexible implementation, and substantially reduce operational costs.

SUSTAINABLE

The system aligns with local, regional, state, and federal emission reduction goals.



PROJECT DELIVERY MILESTONES



SPRING 2021

Feasibility Study Completed



SEPTEMBER 2023

P3 Contract Executed



LATE 2023

Initial Viable Segment Identified



SPRING 2024

Update Costs and Ridership



TBD*

Environmental Clearance and Design
(*based on funding identification)

