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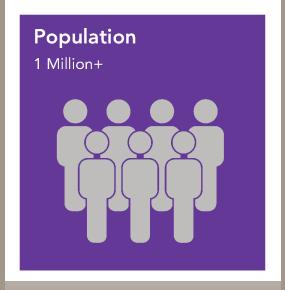




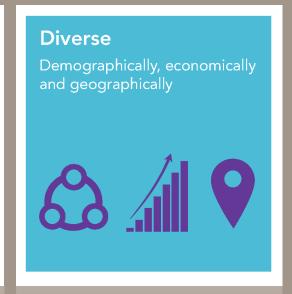


Contra Costa County, California















Who We Are

 CCTA is a public agency formed by voters in 1988 to manage the county's transportation sales tax program and to lead transportation planning efforts.

 We are responsible for maintaining and improving the county's transportation system by delivering critical transportation infrastructure projects to safely and efficiently get people where they need to go.

 Managing entity of autonomous vehicle (AV) testing site: GoMentum Station.









What We Do



PEDESTRIAN

Make improvements to sidewalks, crosswalks, trails, and paths



LOCAL STREETS

Smooth traffic flow on major roads and invest in improvements such as repairing potholes and road surfaces



BUSES

Invest in a reliable, comfortable and convenient bus network



SAFE ROUTES TO SCHOOLS

Focus on programs and projects aimed at bicycle and pedestrian safety for K-12 students



FERRIES

Expand the Bay Area ferry system by looking to ferries as an alternate commute method between West County and San Francisco



BICYCLE

Invest in safe routes and infrastructure improvements for bicyclists



BART

Improve BART service and stations, extend routes and increase parking at stations



HIGHWAYS

Complete Contra Costa's highway system, and improve air quality and noise protection along these corridors



CARPOOL/RIDESHARE

Implement programs to reduce traffic congestion by encouraging carpooling and ridesharing



PROGRAMS FOR SENIORS AND PEOPLE WITH DISABILITIES

Enhance transit options to improve mobility for seniors and people with disabilities







Benefits of Automation







Mobility + Access



Efficiency +
Environmental
Sustainability



Economic +
Societal
Benefits







Automated Driving System (ADS) Demonstration

GOALS

- Advance safety of automated driving systems
- Facilitate data collection to support rulemaking and development of ADS safety performance standards
- Provide unprecedented mobility choices to transportationchallenged, underserved communities
- Expand shared mobility options







Rossmoor First Mile/Last Mile Shared Autonomous Vehicles

Walnut Creek, California

- Increase transit accessibility for the elderly community using shared autonomous vehicles (SAVs)
- Data gathered will be used to develop safety performance measures

















Rossmoor First Mile/Last Mile SAVs

- Level 4 low-speed SAV shuttles (up to 25mph)
- Fixed route SAV service with multiple stop locations
- User interface able to identify desired stop, Q'STRAINT automated securement and restraint systems









County Hospital Accessible Transportation

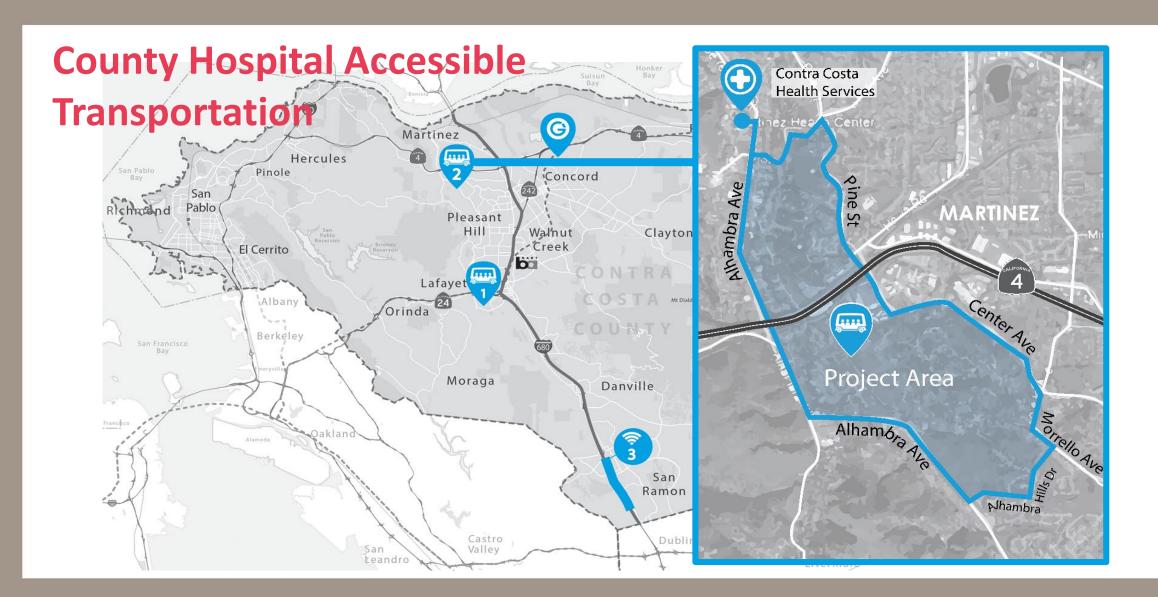
Martinez, California

- On-demand, wheelchair accessible, autonomous vehicle (AV) shuttle service
- Provide accessible transportation to public health facility to improve quality of life and address medical appointment absenteeism
- Gather Data to advance ADS safety performance standards















County Hospital Accessible Transportation

Martinez, California

 Level 3, Level 4 medium speed shuttles (up to 50mph)

Smartphone app and dial-a-ride service

Q'STRAINT automated securement and restraint systems

 Optional wearable device for seniors and minimally ambulatory individuals







Increased Accessibility, Opportunity

Studies show that **COMMUTE TIME IS THE KEY FACTOR** in social mobility, more so even than factors related to crime or education.*



*Transportation Emerges as Crucial to Escaping Poverty, NY Times May 2015





