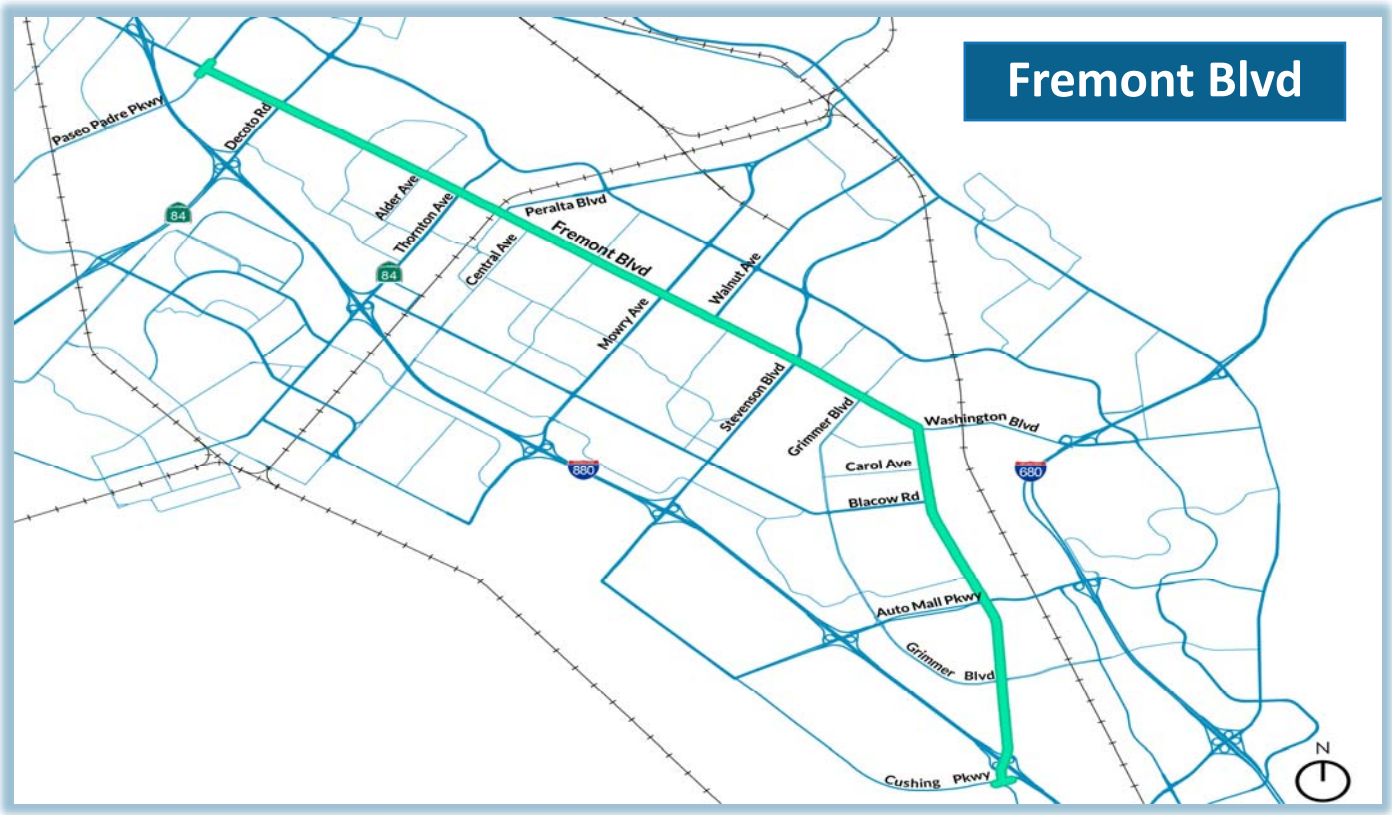
PROJECT FACT SHEET

Fremont Boulevard Safe and Smart Corridor

www.fremontsmartcorridor.org



The goal of the Fremont Boulevard Safe and Smart Corridor project is to support Fremont's General Plan vision to "serve as a national model of how an auto-oriented suburb can evolve into a sustainable, strategically urban, modern city" and to develop Fremont as a leading city of innovation in Silicon Valley. In addition, the project would support the Vision Zero policy goals related to eliminating traffic fatalities and Climate Action Plan sustainability goals to reduce transportation-based greenhouse gas emissions through transportation mode shift and reduce energy consumption. The Fremont Boulevard Safe and Smart Corridor Project would assess problem areas along the corridor, evaluate technologies best suited for each problem, and implement the appropriate technologies to make the corridor safer. The project is consistent with the City's Vision Zero traffic safety goals, meets the City's General Plan vision and sustainability goals, and improves efficient multimodal mobility.

CHALLENGES AND SOLUTIONS

CHALLENGES	SOLUTIONS
• Safety to meet Vision Zero Goals	• Detection of cyclists/pedestrians
• Communications Infrastructure	• Fire optic backhaul network
• Diverse stakeholder groups	• Public Outreach Plan
• Operations and Maintenance	• Design contains O&M elements
• Corridor mobility	• Intersection upgrades

PROJECT SCHEDULE (estimated)

November 2018 – May 2019
Preliminary Engineering

May 2019 – July 2019
Environmental Clearance

May 2019 – July 2021
Design

May 2021 – October 2021
Equipment Procurement

November 2021 – Summer 2022
Construction

Fall 2019 – Fall 2022
Project Demonstration

December 2022
Project Completion

SCOPE OF WORK

Preliminary Engineering:
- Research documentation and perform site inspections to develop an existing conditions report

Environmental Clearance:
- Prepare a detailed scope of work to clear the project for construction in compliance with NEPA/CEQA requirements

Design:
- Develop construction plans, specifications and estimates for the installation of recommended technology solutions

Equipment Procurement:
- Development equipment specifications, solicit vendor proposals, and purchase equipment for project installation

Project Construction:
- Install fiber optic communication infrastructure and construct project elements per project plans and specifications

Community Outreach:
- Project website
- Stakeholder and public outreach meetings
- Community outreach events

ELEMENTS

- Traffic ăignal Ὑodernization
- Bike and Ǉedestrian Řetection
- Speed Ὑanagement
- Communications between vehicles and traffic signal
- Fiber optic communication
- Smart lighting
- Smart parking
- Emergency preemption system modernization
- Signal performance monitoring system
- New signal coordination

BENEFITS

- Improves traffic flow, safety, and travel time reliability
- Improves bicycle and pedestrian access and safety
- Connected Vehicle safety & SPAT messages to vehicles
- Improves safety and flow at intersections
- Expands communications
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- Manages parking demand
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PROJECT PARTNERS

Funding granted and administered by the Alameda CTC.

ALAMEDA County Transportation Commission

AC TRANSIT

Caltrans