

MTC Design & Project Delivery Section: Active Transportation Initiatives

Bay Trail Board of Directors
March 26, 2021



Design and Project Delivery (DPD)

Ashley Nguyen, Section Director



Creatively and pragmatically design and deliver innovative solutions to manage congestion, prioritize transit and shared mobility, and advance transportation equity across the Bay Area

- Forward Initiatives
- Managed Lanes Policy
- Express Lanes Data Analytics and Policy
- Capital Delivery
- Arterial Operations
- Connected & Autonomous Vehicles
- Shared Mobility / Demand Management
- BayWheels Bikeshare
- Active Transportation / Bay Trail / Water Trail
- Sea Level Rise Adaptation



FORWARD Initiatives: Focus on Transit Priority lanes



Convert General Purpose Lane to HOV Lane



**Benefits AC
Transit Lines**
B, CB, E, NX,
NX1, NX2, NX3,
NX4, NXC, P, V



Richmond-San Rafael (RSR) Forward

- **Infrastructure**

- **Quick Build Improvements**

- Safety and connectivity improvements at Grange at E. Francisco Blvd (December 2020)
 - Funding (e.g. Ferry-to-Bridge-to-Greenway in City of Richmond)

- **Non-Infrastructure**

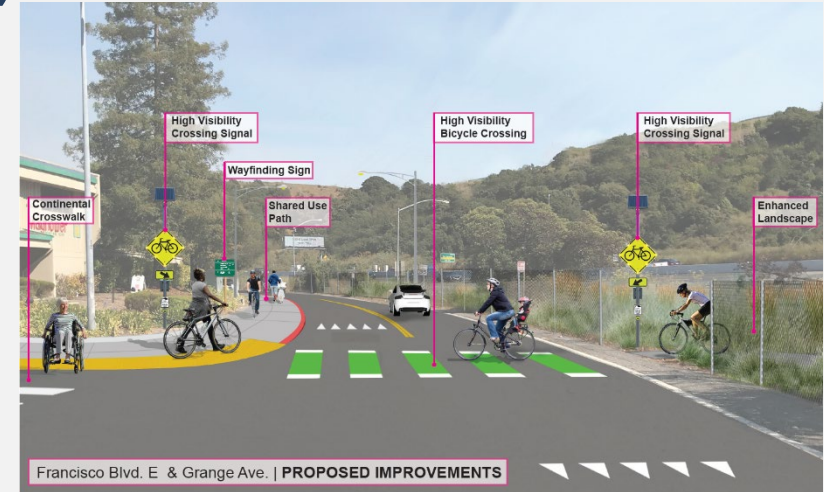
- **Richmond-San Rafael E-Bike Commute Program**

- E-bike rebates
 - Equity focused

- **Richmond-San Rafael Rides**

- Encourage commuting through group rides

- **Coordination with bikeshare operator**



Active Transportation Origin-Destination Study

- **Regional Corridors/Trails:**

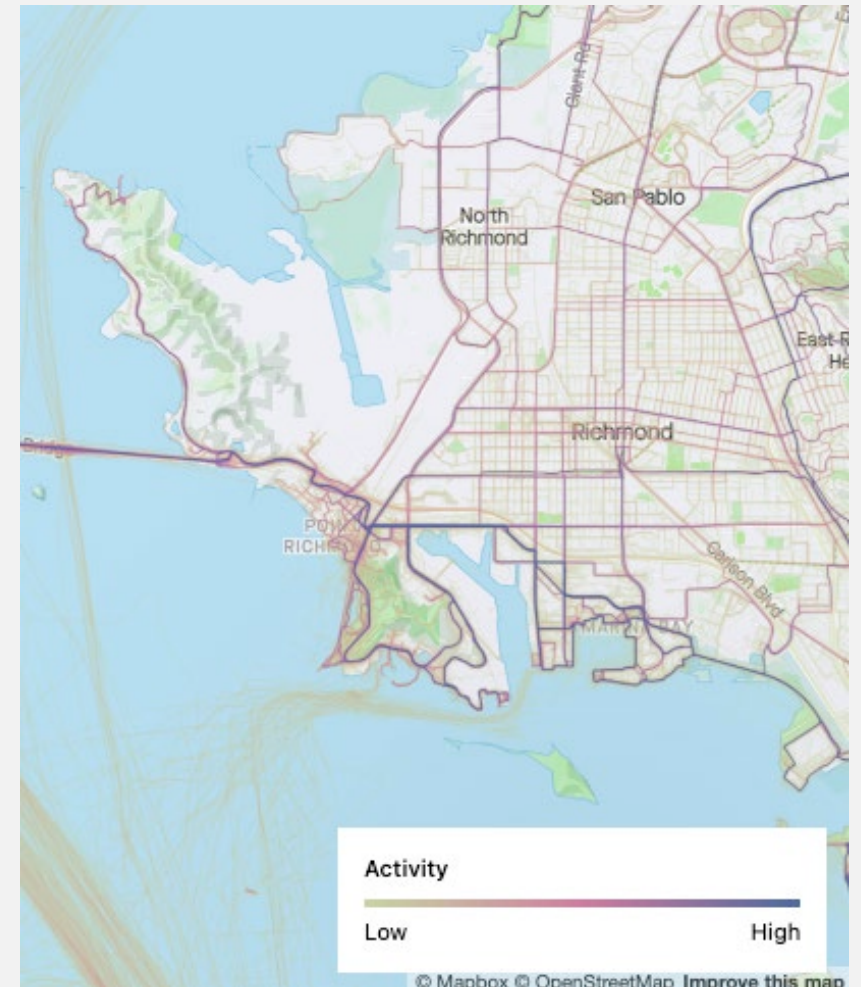
- Richmond-San Rafael Bridge
- Dumbarton Bridge

- **Intercept Survey**

- Origin and destination, trip purpose, trip routing, trip length, trip frequency, demographics and attitudes related to both existing and future bicycle and pedestrian infrastructure
- Validate bike/ped eco-counter data

- **Location-based Service (LBS) Data Analyses**

- Strava Bike & Pedestrian Volume Datasets
- StreetLight Bike & Pedestrian Origin-Destination Datasets

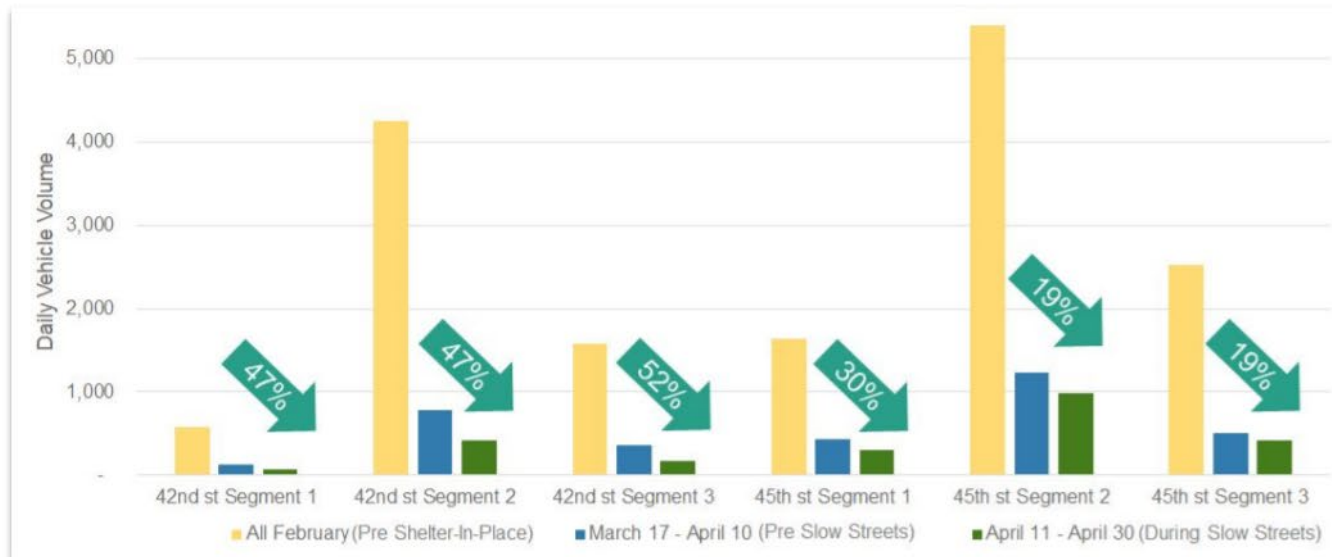


Source: Strava Metro

Data Collection, Analysis, & Evaluation

Vehicle Volumes Down on 42nd St, Complaints of More Car Traffic on Adjacent Streets

findings



- **Segment 1:**
Adeline St - Martin Luther King Jr. Wy
- **Segment 2:**
Martin Luther King Jr. Wy - Telegraph
- **Segment 3:**
Telegraph Ave - Broadway

Vehicle volumes decreased due to Shelter in Place. **Vehicle volumes decreased more on Slow Street 42nd St than adjacent non-Slow Street 45th St** (Source: Streetlight). However, some respondents reported negative traffic impacts on adjacent streets on the General Programmatic Feedback Form.

Quick-Build Technical Assistance

- Engineering and Design for Covid-19 Rapid Response
- Focus on accelerating implementation for complete streets, trails and networks
 - Third Party Design Review
 - Plans, Specifications and Estimates (PS&E)
 - Quick Build Consultant Bench
 - Program Evaluation (e.g. Slow Streets)
 - Webinars: 5 since April 2020
 - Technical trainings

JOIN OUR NEXT WEBINAR

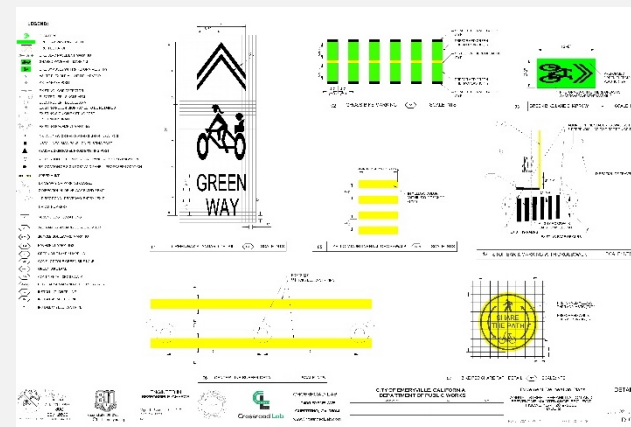
Quick-Build Projects for Small Towns, Rural, and Suburban Contexts

Over the past decade, the quick-build method has been used by small towns, suburbs, and rural areas to accelerate infrastructure improvements at an increasingly large scale. Join us for a conversation with one of the leading quick build practitioners to discuss how quick-build projects have been implemented in small town, suburban, and rural contexts in California and beyond. Learn how projects have been implemented in collaboration with State agencies, and how the project types and applications change based on the surrounding land use context.

STREETPLANS
Tony Garcia, Principal
tonyg@streetplans.org

March 10 10 AM PST

For information: Nicola Szibbo, MTC Program Manager at nszibbo@bayareametro.gov, or Toshi Shepard-Ohta, MTC Principal Engineer at tshepard-ohta@bayareametro.gov



JOIN OUR NEXT WEBINAR

Hardening Slow Streets: From Pilot to Permanent during COVID-19

Join us to learn more about how to transition successful COVID-era street redesigns to pilot, interim, and permanent projects. We will discuss recommended processes, practices, designs, materials, and outreach strategies to ensure these transitions work for residents, the general public, and implementing agencies.

Emerging Streets and Operational Strategies after COVID-19
Why Hardening Slow Streets Strategies?
Hardening Treatments
Precedents and Lessons Learned
Strategies for Community Outreach during COVID-19
Partnering and Strategies for Accelerated Delivery

Dec 14 10 AM

For information: Nicola Szibbo, MTC Program Manager at nszibbo@bayareametro.gov, or Toshi Shepard-Ohta, MTC Principal Engineer at tshepard-ohta@bayareametro.gov

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Separated Bike Lane Vertical Delineation

February 18, 2021

Joel Shaffer, EIT
Jeremy Chrzan, PE

Photo of a separated bike lane with vertical delineation.

Bikeshare at MTC

Lyft Bay Wheels (7000 Bikes, 10 years)



Bikeshare Capital Grants



Bay Wheels Bikeshare for All

BIKE SHARE
FOR ALL



Photo Credit: Ford GoBike



- Low income membership program
 - \$5 for first year, \$5/month after that
 - Eligibility includes: CalFresh, Muni Lifeline, PG&E Care