

# North Fair Oaks Bicycle & Pedestrian Railroad Crossing & Community Connections Study

San Mateo County Planning Commission  
June 21, 2023



OFFICE OF  
SUSTAINABILITY  
COUNTY OF SAN MATEO





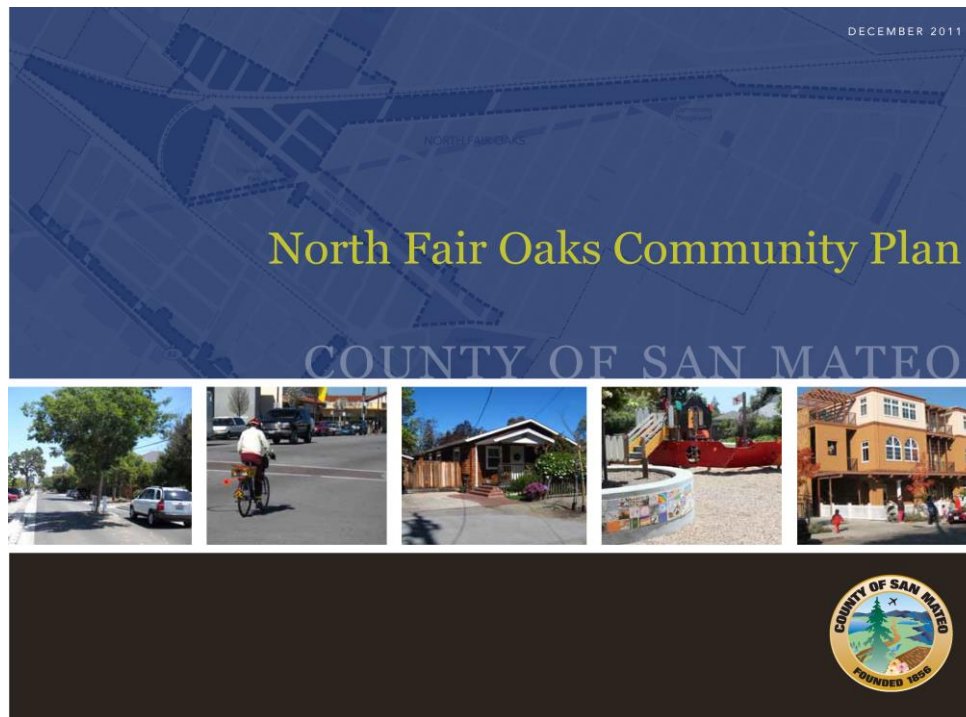
# Presentation Overview

- Study Overview & Schedule
- Study Goals
- Considerations for a Preferred Rail Crossing
- Rail Crossing Options
- Round 2 Community Engagement
- Next Steps



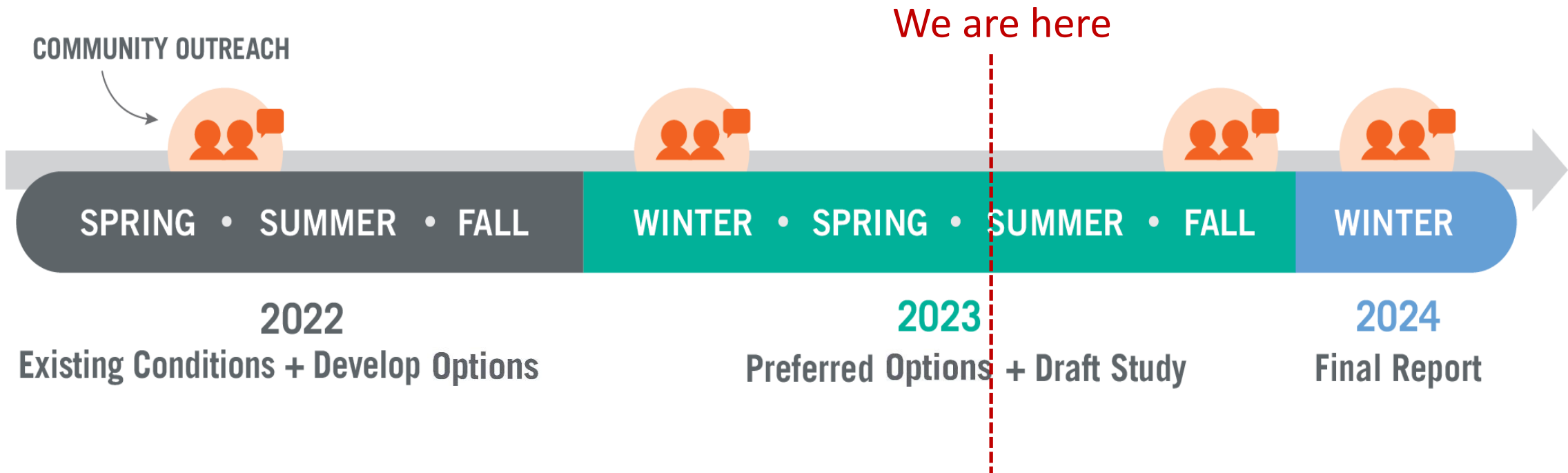
# Study Overview

**Purpose:** Identify a preferred location and concept design for a new bicycle and pedestrian crossing of the Caltrain tracks with improved connections on local streets





# Study Development Schedule





# Study Goals

## Access



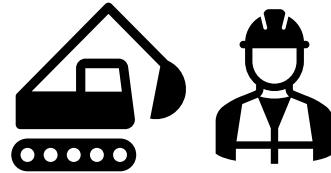
Improved access for people walking, rolling, and biking across the rail corridor and nearby neighborhoods.

## Community Integration



Sense of community through attractive public spaces, public art, and structures

## Constructability



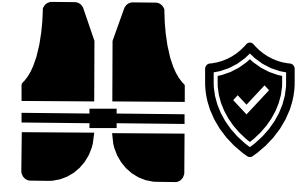
Minimal construction impacts on the community and feasible project budget

## Equity



Improvements for people traveling without a car that reflect community priorities and achieve local and regional sustainability goals with no housing displacement.

## Safety



Safer and well-lit public spaces that are comfortable and inviting for people of all ages and abilities.



# Factors to Consider for a Preferred Crossing Option

Study Goals

Technical Evaluation

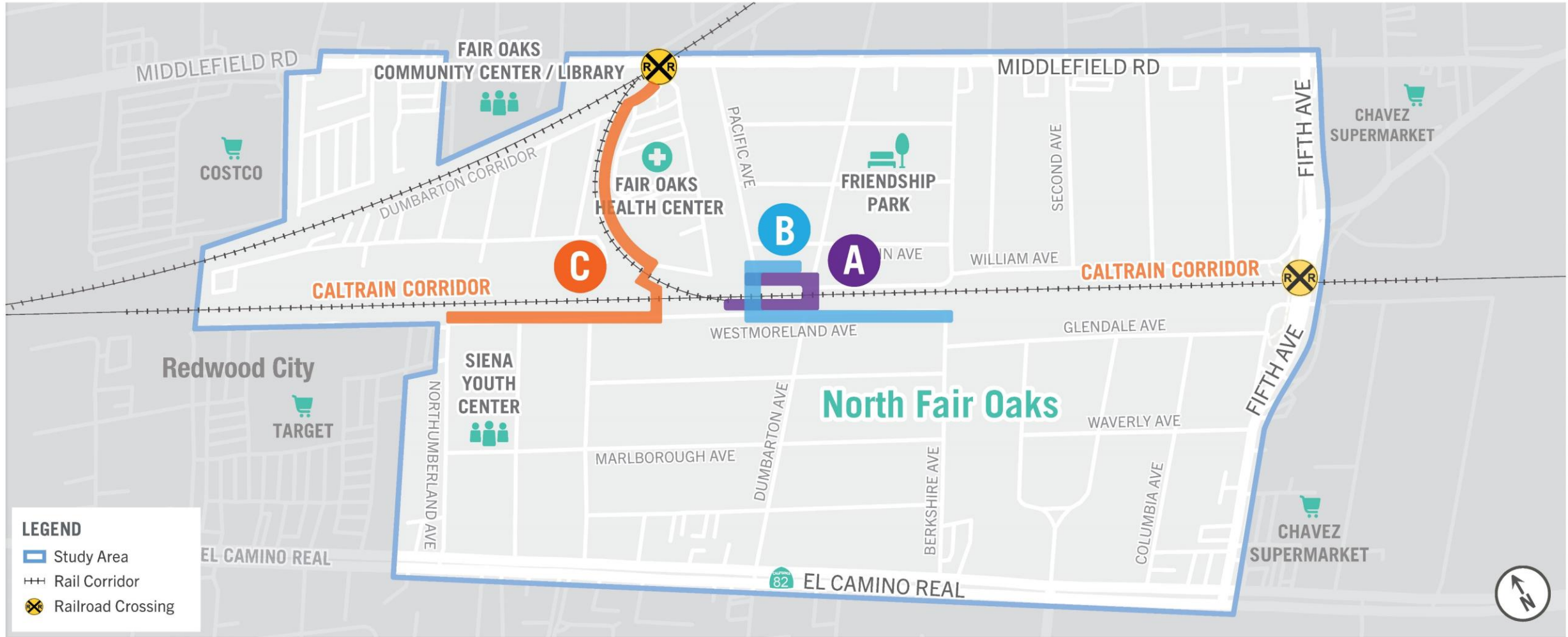
Community Engagement

Caltrain Use Variance Process

Community & Technical Advisory (CAC & TAC) Feedback

Advisory Body Feedback

# Railroad Crossing Options



OPTION **A**

DUMBARTON AVENUE TUNNEL

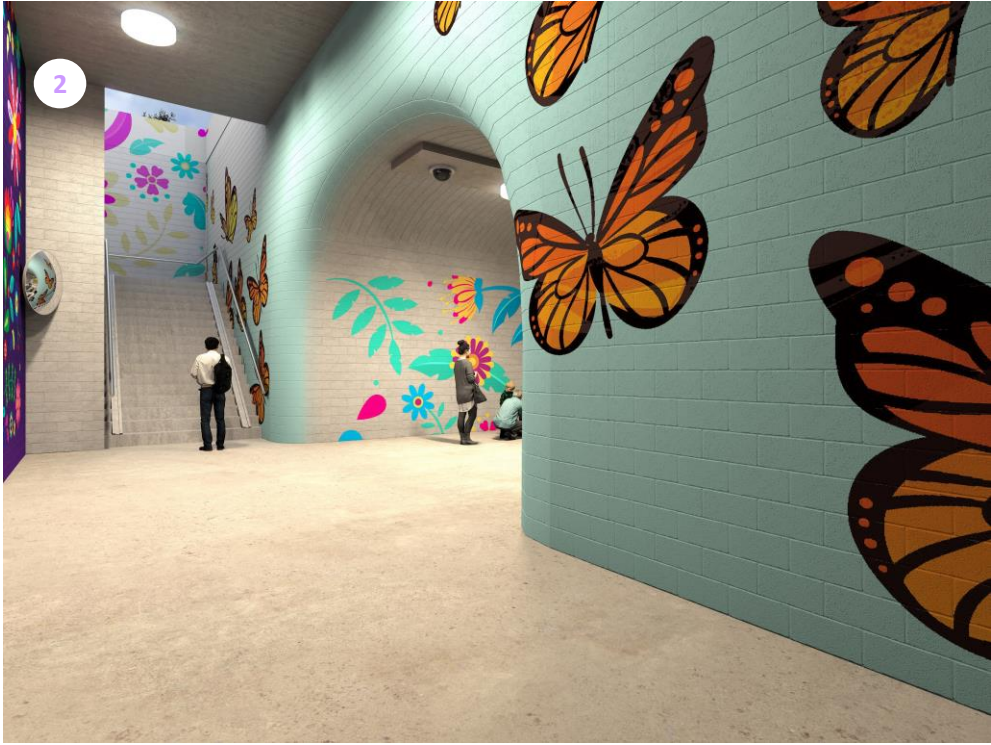
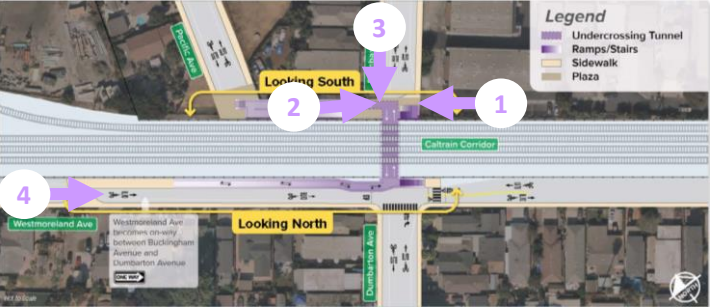
OPTION **B**

DUMBARTON AVENUE BRIDGE

OPTION **C**

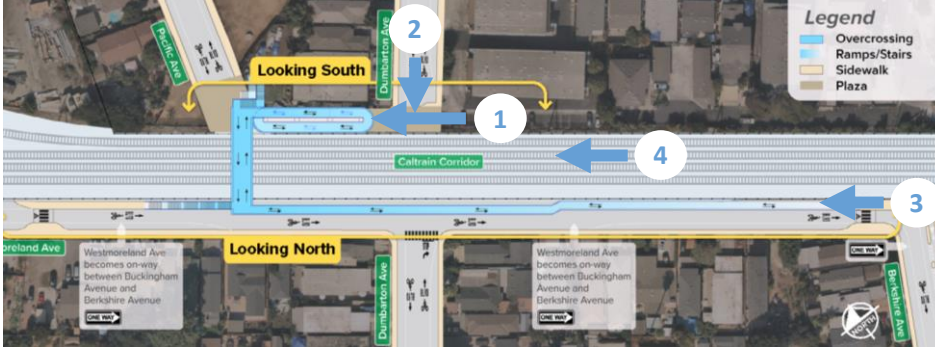
MIDDLEFIELD JUNCTION BRIDGE

# Option A Dumbarton Tunnel Renderings





# Option B Dumbarton Bridge Renderings



# Option C Middlefield Junction Bridge Renderings





# Pedestrian/Bicycle Roadway Improvements



*Sidewalk and crosswalk lighting*



*Curb bulb-outs*



*High-visibility crosswalks*



*Accessible curb ramps*



*Traffic circle*



*Raised crosswalks*



*Speed humps*



*Chicanes*

# Evaluation Summary

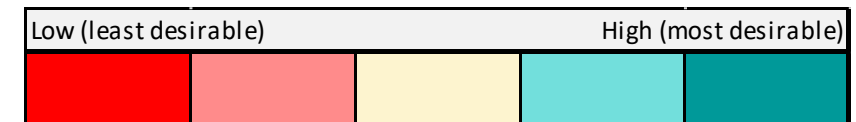
Evaluation Criteria	A	B	C
Service Population	High	High	Medium
Rail Crossing Length	High	Low	Very Low
Regional Transportation Network Connectivity	High	High	Medium
Local Destination Connectivity	High	High	Medium
Motor Vehicle Circulation	Low	Very Low	Very Low
Bicycle and Pedestrian Comfort	High	Medium	Medium
Public Space	Medium	Medium	Low
Visual Impact	Medium	Very Low	Very Low
Green Infrastructure	Medium	Medium	Medium
Emergency Access	Medium	Low	Very Low
Personal Security	Medium	Medium	Medium
Public Infrastructure Impact	Low	Low	Low
Construction Impact	Low	Low	Medium
Direct Parcel Impact	Low	Very Low	Medium
Parking Impacts	Low	Low	Very Low
Operation and Maintenance Cost	Medium	Medium	Medium
Construction Cost	Low	Medium	Medium

Option A: Dumbarton Avenue Tunnel  
 Option B: Dumbarton Avenue Bridge  
 Option C: Middlefield Junction Bridge

## Projected Rail Crossing Costs

Option A - \$46.6M  
 Option B - \$29.5M  
 Option C - \$24.6M

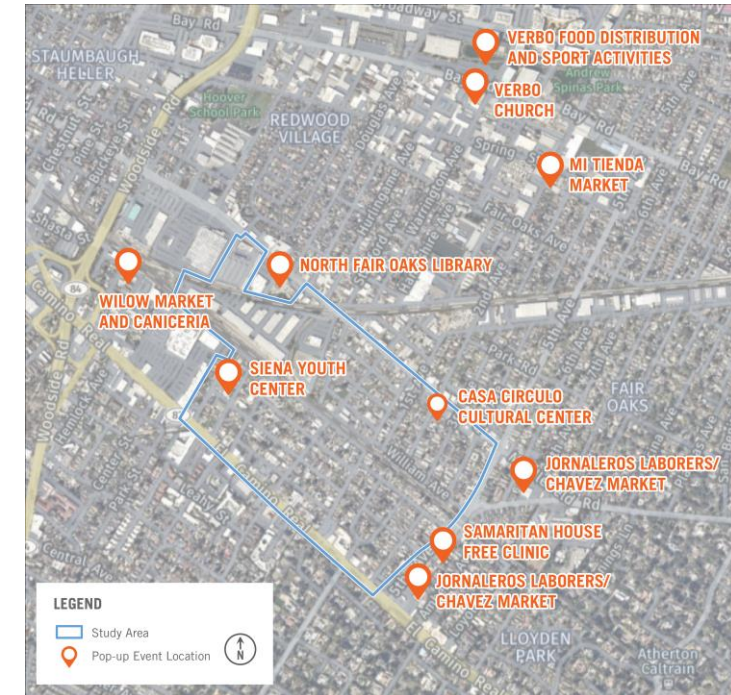
## Scale





# Round 2 Outreach Activity: March/April 2023

- 10 pop-ups, 3 community presentations, and 1 open house
- Canvassed homes both sides of tracks
- Online and paper survey –770 responses! (554 paper surveys)
- Over 1,800 postcard mailers
- Project website and promotional video - [www.NFOwalkbike.org](http://www.NFOwalkbike.org)
- Social media - Facebook, Instagram, Twitter, Nextdoor
- Community partner email **listservs** and **newsletters**



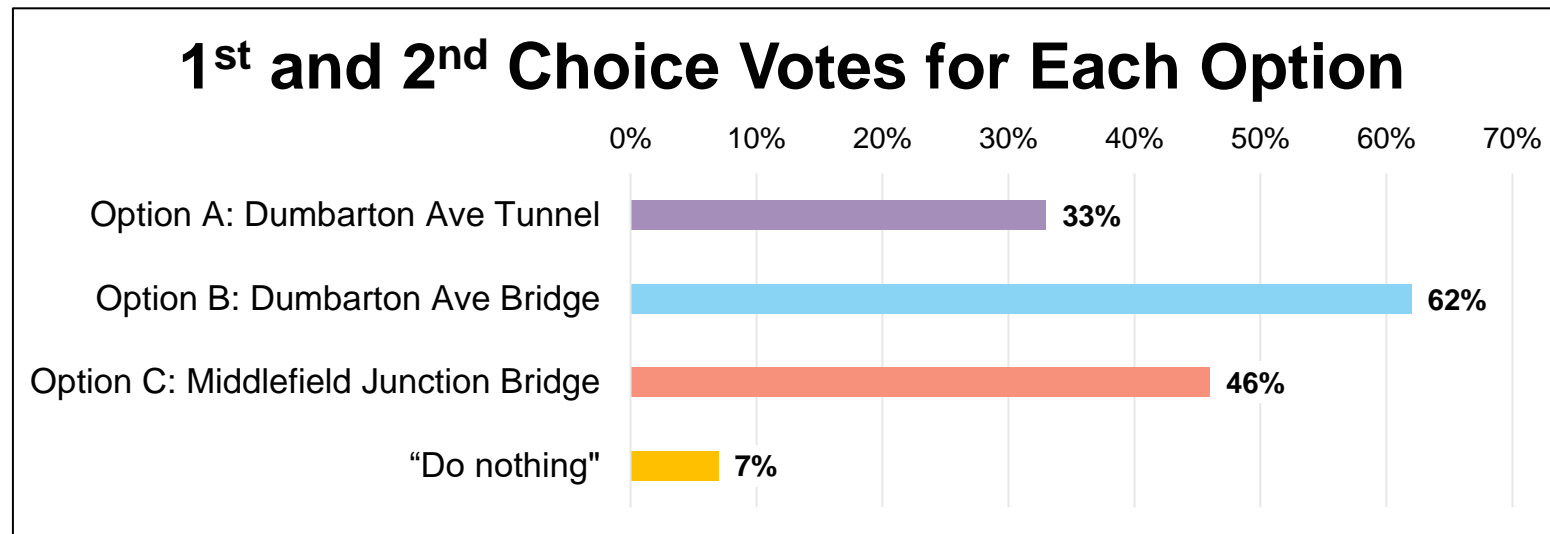
Pop-up event locations



# Round 2 Survey Results

Option : Dumbarton Ave Tunnel

- 84% live in NFO or adjacent RWC, 68% live w/in Study area
- 85% voted for a bridge option as 1<sup>st</sup> or 2<sup>nd</sup> Choice



- 78% said would use crossing @ least one/week, 59% said multiple times/week



Food distribution event at the Fair Oaks Library/Community Center complex



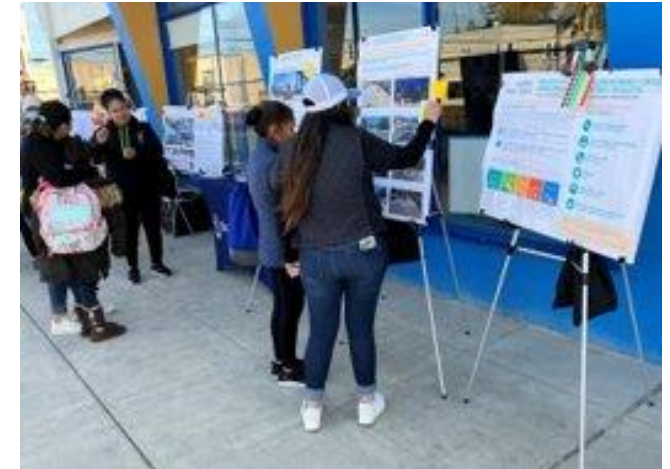
# Round 2 Outreach Themes

## Community Feedback

- Security/safety concerns, especially with Option A Dumbarton Ave Tunnel
- Must be well maintained, free of trash & vandalism
- Concerned about parking loss but generally supportive of crossing
- Better lighting, high visibility crosswalks & accessible (ADA) curb ramps are the highest priority local street improvements

## Community Advisory Committee (CAC) Feedback

- Agreed outreach was effective reaching the community
- Agreed another crossing is needed
- Split between Option A Dumbarton Ave Tunnel and Option B Dumbarton Ave Bridge as preferred crossing option



Casa Circulo Cultural



Mi Tienda Market



# Next Steps

DATES	MILESTONE
June	Presentations to County advisory bodies
Summer 2023	Caltrain bridge constructability review
September-October	Draft Study prepared
November	Release of Draft Study for public review
Winter 2023/2024	Final Draft Study to advisory bodies/BOS





**THANK YOU!**

**Questions/Comments?**