

RICHMOND PARKWAY TRANSPORTATION PLAN

WCCTC Board Meeting #5

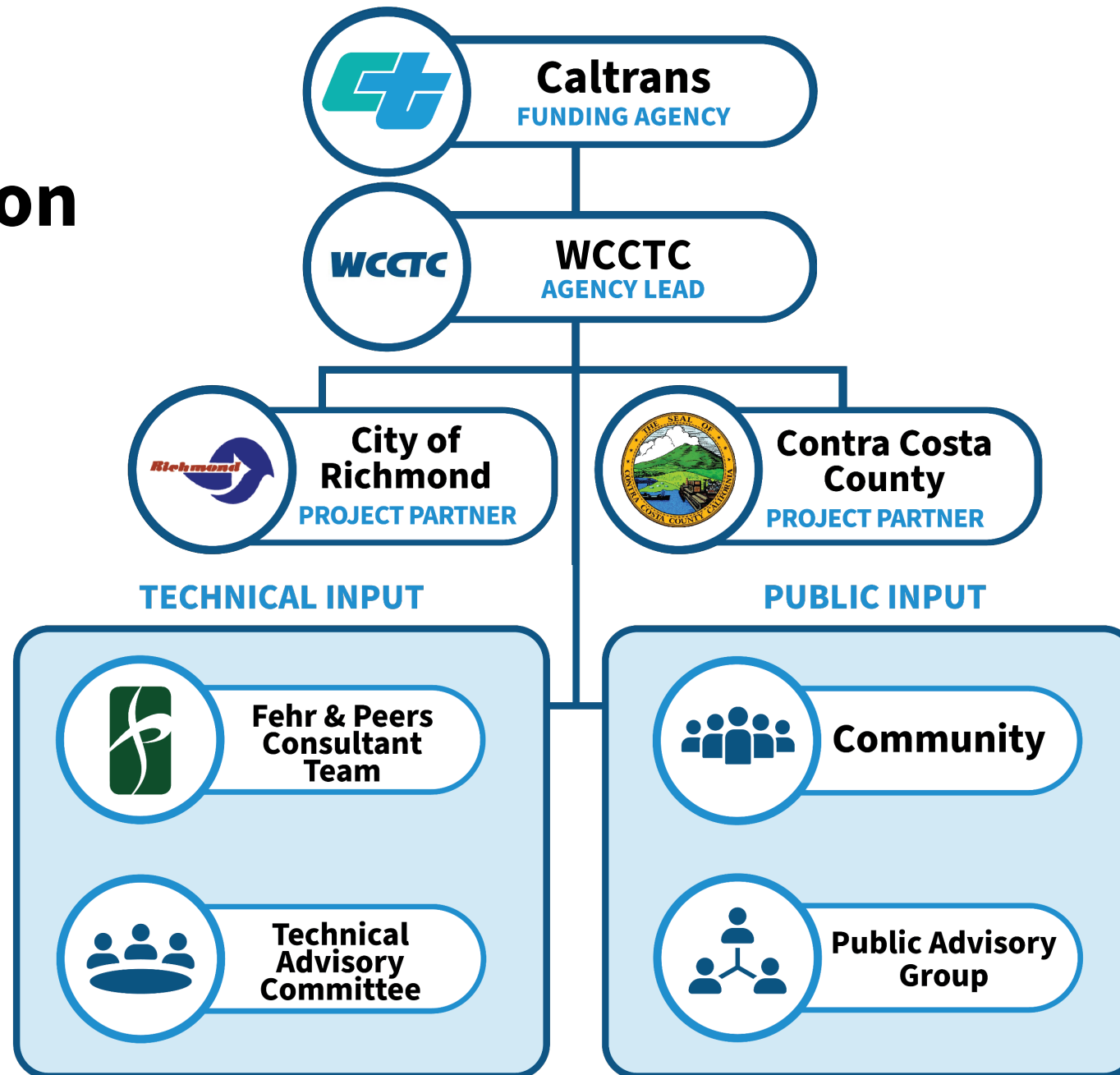
Final Draft Plan
Project Highlights and Adoption

January 24, 2025

www.WestContraCostaTC.gov



Project Organization



Agenda

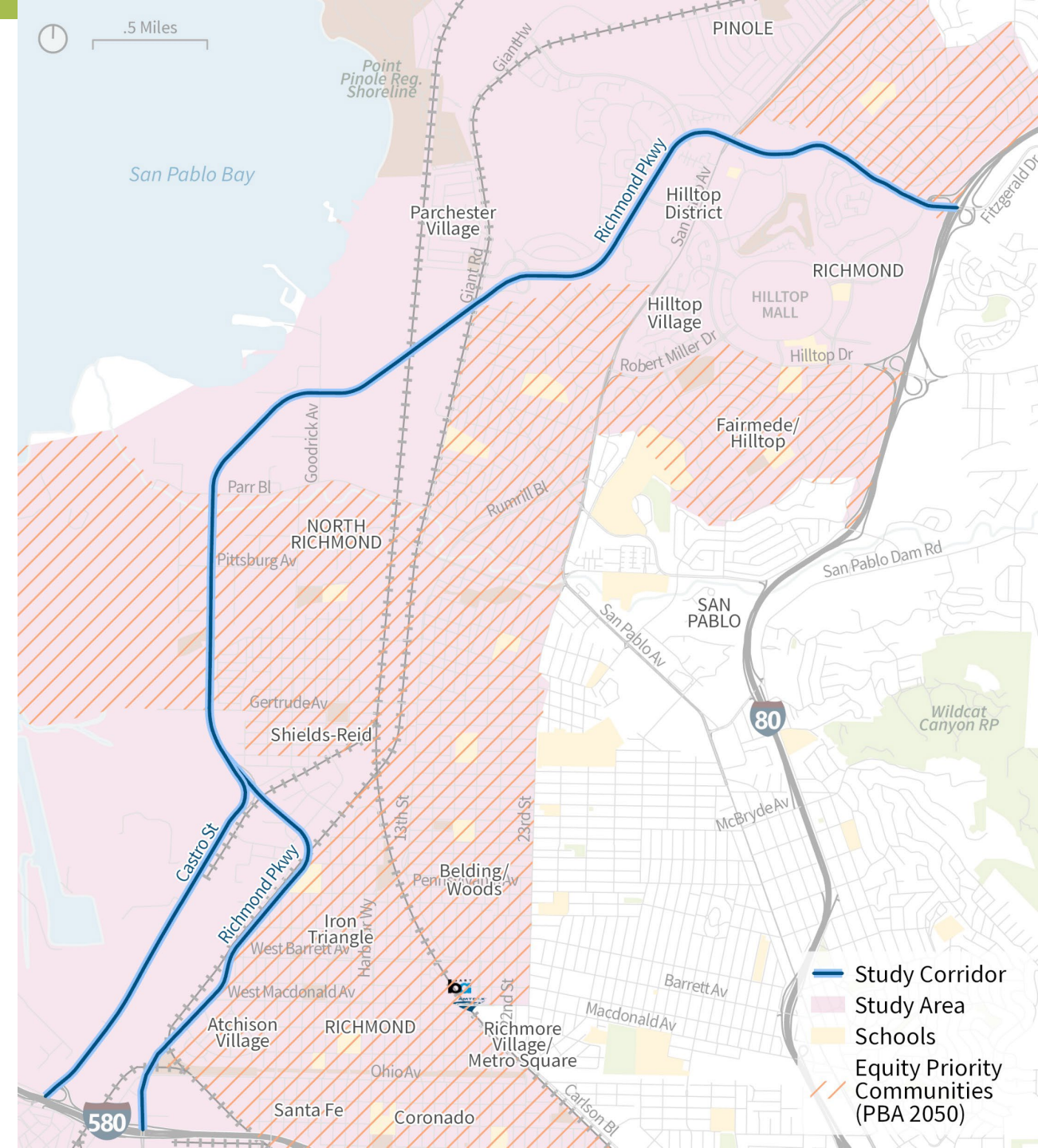
- **01** Project Overview
- **02** Plan Components
- **03** Uses for the RPTP
- **04** Next Steps



Project Overview

Review of Project Corridor

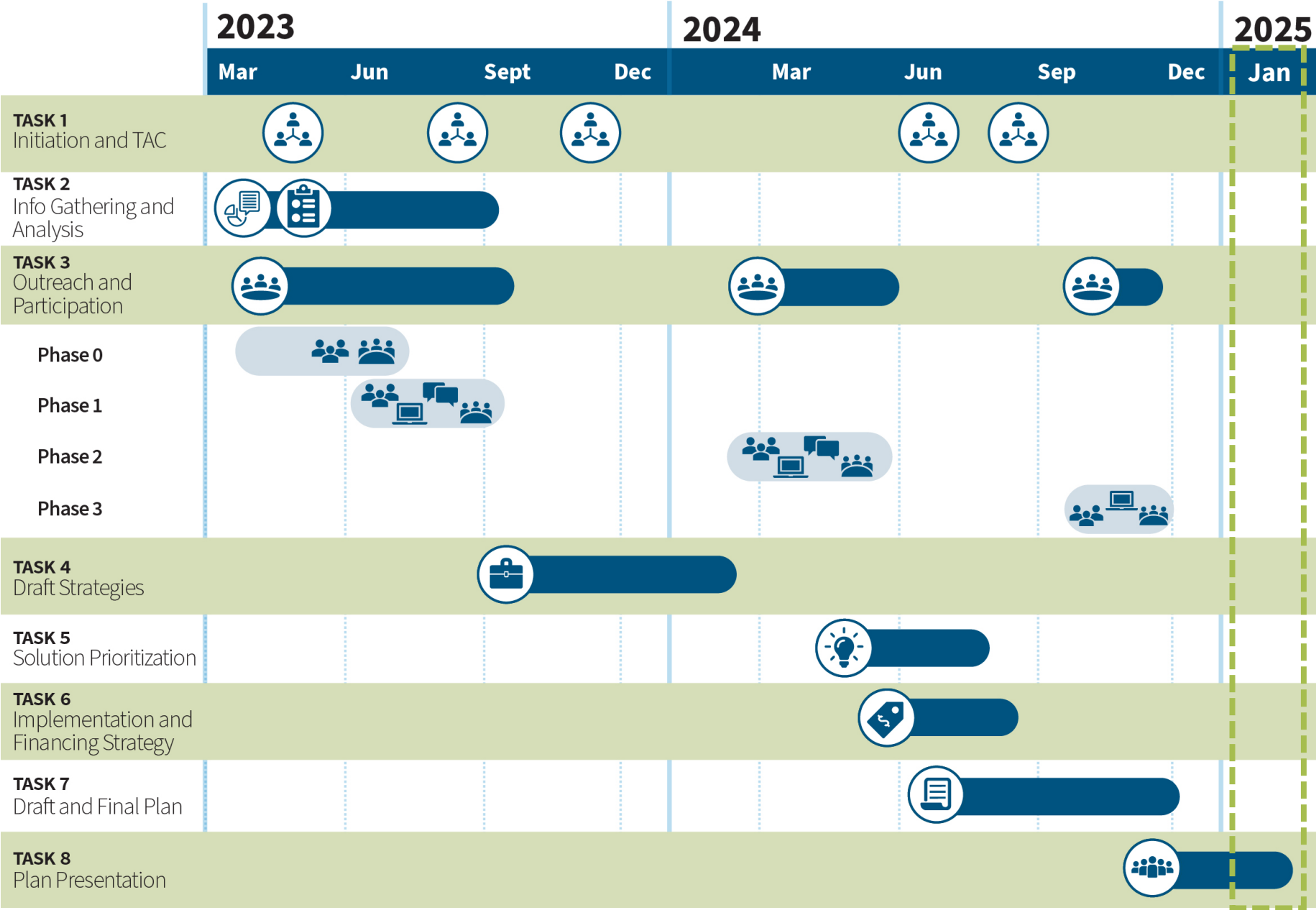
- Includes Richmond Parkway and Castro Street between I-580 and I-80
- Falls within City of Richmond and Unincorporated Contra Costa County
- Local and regional connector
- Includes segments of the Bay Trail
- Impacts Equity Priority Communities
- Planned industrial and residential growth



Schedule

Phase 3 Opportunities for Public Input

-  Public Advisory Group Mtg
-  Digital Engagement
-  WCCTC Board Mtg

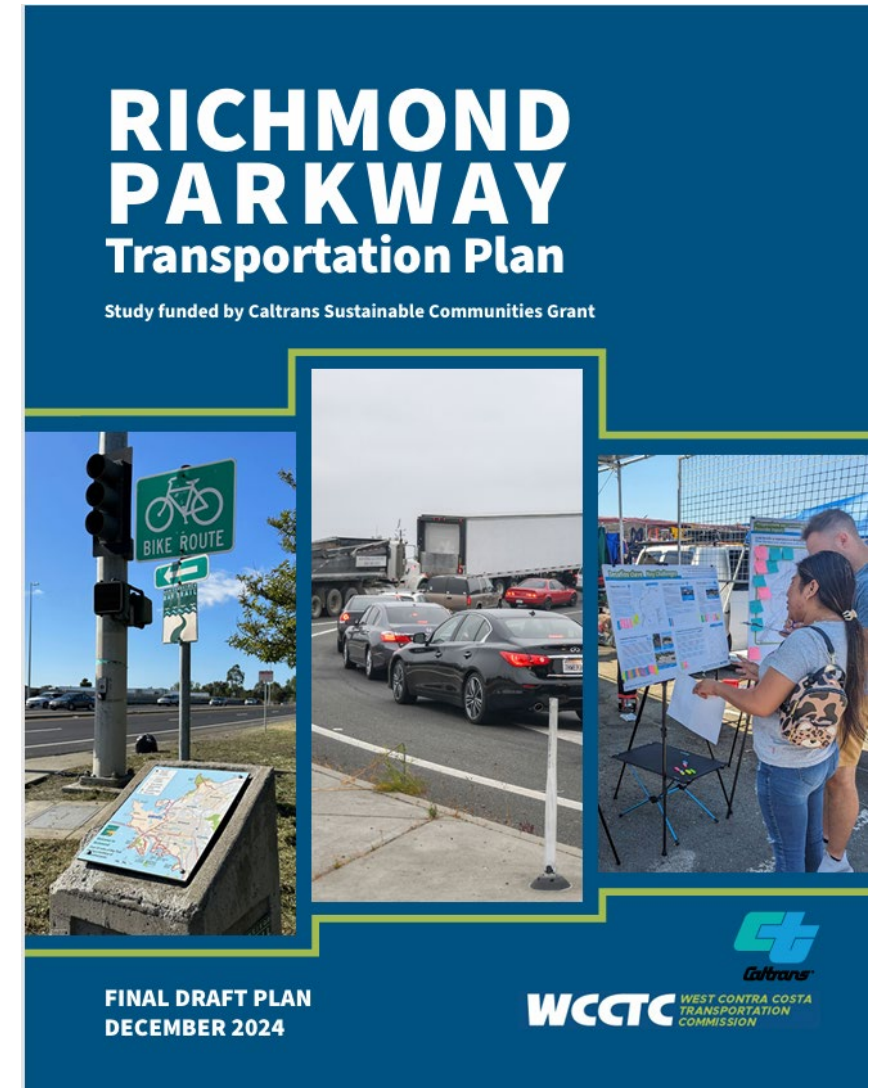




Plan Components

Key Components of the RPTP

TABLE OF CONTENTS	LIST OF APPENDICES
1. Introduction	A: Community Engagement Summary Notes
2. Existing Conditions	B. Overview of Regional Influence
3. Engagement	C. Plan Strategies Goals Alignment
4. Strategies	D. 35% Design Concept for Northern Segment
5. Priority Strategies	E. Existing Funding Sources for Priority Strategies
7. Implementation and Funding	F. Priority Strategy Cost Estimates



The Strategies Respond to Community Feedback and the Plan Goals

Goals of the Plan



Improve Safety
for All Users



Increase Access to
Key Destinations



Improve Health



Advance
Placemaking



Enhance Travel Time
Reliability and
Efficiency



Support Feasible
Strategies

Priority Strategies

Category	Cost	Strategy
Public Health	\$\$\$\$	A Incorporate trees and greening into all infrastructure projects on the corridor
	\$	B Update designated truck routes in North Richmond
	\$	C Implement no truck idling or parking zones near sensitive land uses
Safety	\$\$\$\$	D Install safety treatments at intersections along the corridor
	\$	E Implement measures to reduce speeding and conduct speed limit study
Walking and Biking	\$\$\$\$	F Upgrade bikeways and the Bay Trail and connect sidewalk gaps
	\$\$	G Install at-grade signalized Wildcat Creek Trail crossing
Maintenance	\$\$\$\$	H Implement a cross-jurisdictional Roadway Pavement and Maintenance Management Program
Driving & Goods Movement	\$\$\$	I Upgrade and coordinate signals along the Parkway
Transit	\$\$	J Improve access to the Richmond Parkway Transit Center

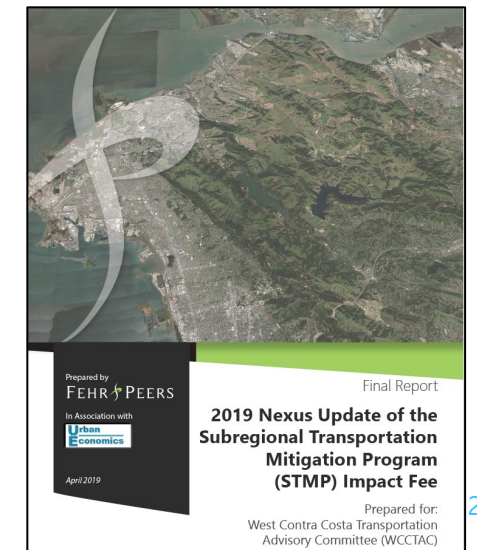
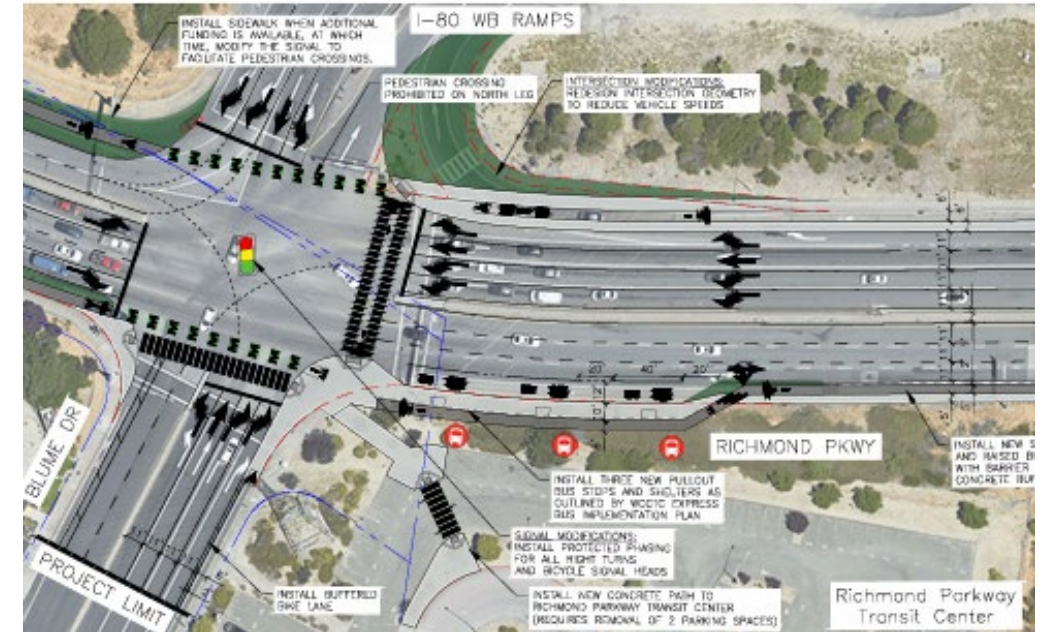
Key: \$: <\$1M \$\$\$: \$6-\$10M
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Uses for the Richmond Parkway Transportation Plan

How Could the RPTP be Used?

- **Coordination with other agencies**
 - MTC/Caltrans I-580/Richmond-San Rafael Bridge
 - MTC/Caltrans I-80
 - City of Richmond and Contra Costa County
- **Guidance for future development**
- **Inclusion in next STMP update**
- **Seeking existing funding opportunities**
 - Regional Measure 3 Expenditure Plan: Richmond Parkway
- **Seeking future grants for implementation**
 - Regional, state, and federal grants
- **Inclusion in future funding measures**
 - Next Measure J
 - New Regional Measure (sales tax, toll increase)





Next Steps

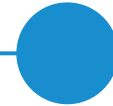
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WCCTC Board adopts
Final Plan

City of Richmond and
Contra Costa County
accept Final Plan

Mar



Lead agencies to
initiate actions for
implementing priority
strategies

Thank you

**FOR ADDITIONAL QUESTIONS OR
INFORMATION CONTACT:**

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TO LEARN MORE VISIT:





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Extra Slides

Public Engagement Plan





Phase 1

IDENTIFY NEEDS

-  3 Pop-up events and 3 community meetings
-  Digital engagement
-  WCCTC Board Mtg #2
-  PAG Mtg #2




Phase 2

EXPLORE STRATEGIES

-  PAG Mtg #3
-  WCCTC Board Mtg #3
-  2 Pop-up events and 4 community meetings
-  Digital engagement

Phase 3

REFINE SOLUTIONS

-  PAG Mtg #4
-  WCCTC Board Mtg #4
-  Digital engagement



We reached a broad range of community members

5 Pop-ups



With **142** people providing feedback



71 people were Spanish speakers



3 online engagement tools



With **268** responses from **235** contributors



7 Community Meetings

- North Richmond Municipal Advisory Council (2)
- Parchester Village Neighborhood Council (2)
- Iron Triangle Neighborhood Council (2)
- City of Richmond District 2 Meeting (1)



The Strategies Respond to Community Feedback and the Plan Goals

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Increase Access to
Key Destinations



Improve Health



Advance
Placemaking



Enhance Travel Time
Reliability and
Efficiency



Support Feasible
Strategies

Strategies Categories

The strategies are designed to be responsive to the Plan's goals and the needs identified through existing conditions analysis and community engagement findings.

Public Health

Strategies that **reduce truck cut-through traffic** and **reduce or capture vehicle emissions**.

Safety

Strategies that **reduce vehicle speeds** and **address intersection conflict** points.

Walking and Biking

Strategies that **support comfortable walking and biking** on the Parkway and the Bay Trail.

Driving and Goods Movement

Strategies that **encourage carpooling**, **optimize signal timing**, and **improve wayfinding** for drivers.

Maintenance

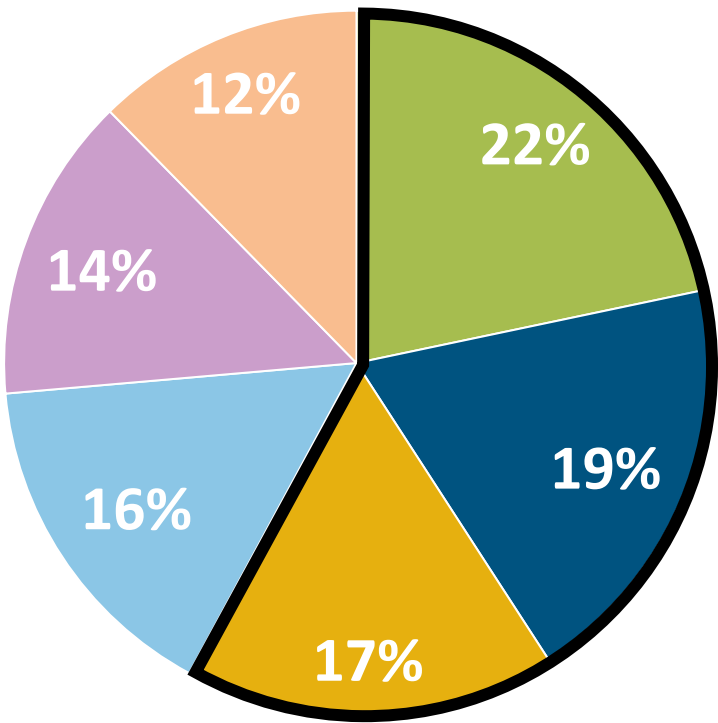
Strategies that holistically address corridor and Bay Trail **maintenance and reduce illegal dumping**.

Transit

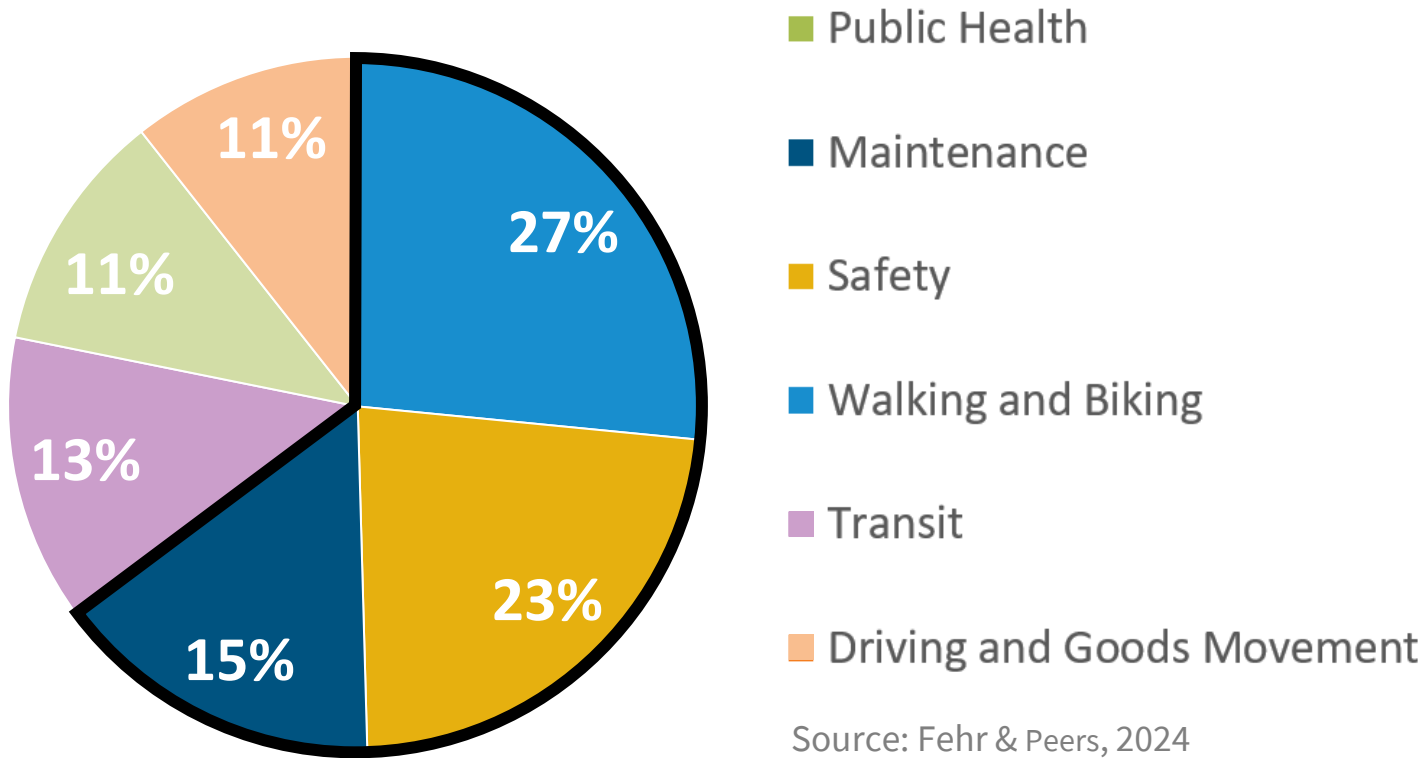
Strategies that improve access and circulation at the **Richmond Parkway Transit Center** and **encourage transit ridership**.

We used community input to develop and confirm strategies

Pop-Up Votes by Category



Online Survey Votes by Category¹



1. Online survey respondents skew Whiter and wealthier than residents living along the Parkway.



Priority Strategies

Priority Strategies

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Public Health	\$\$\$\$	A Incorporate trees and greening into all infrastructure projects on the corridor
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Safety

D Safety Improvements at Intersections

Install safety treatments such as high-visibility crosswalks, curb ramps and curb extensions, geometric changes, pedestrian countdown signals, and more.

Goals Alignment

Meets **most** goals

Cost

\$\$\$\$

Lead Agency

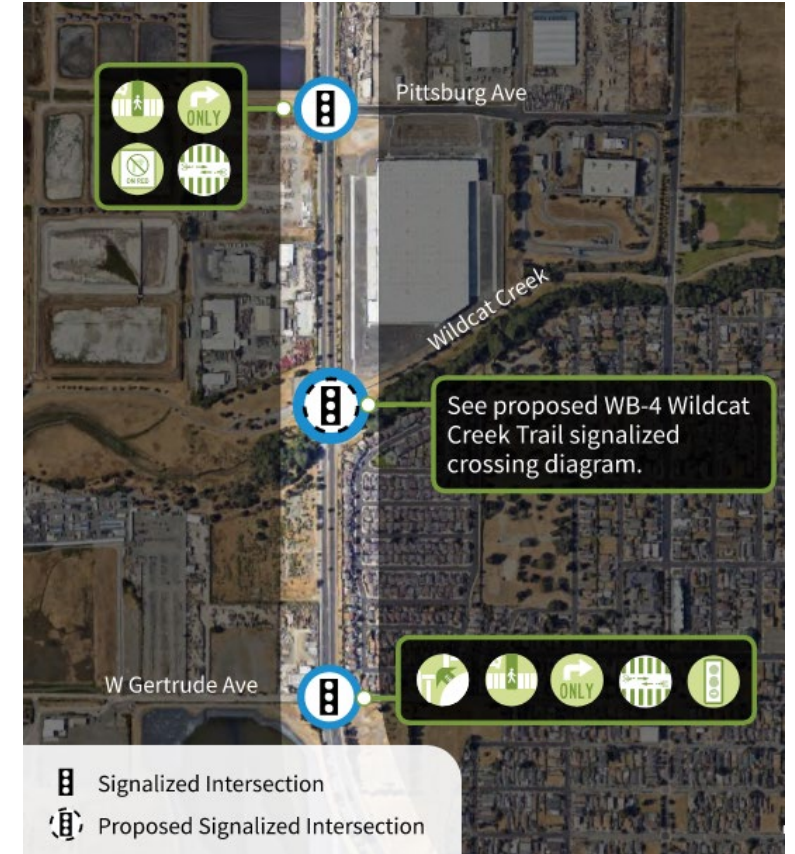
Contra Costa County:
Public Works

City of Richmond: Public Works

Target Completion Timeframe

6-10 years

Benefit



These safety improvements could lead to a **43% reduction in bicycle and pedestrian injury collisions.**

Walking and Biking



Upgrade Bikeways and Paths

Upgrade on-street bikeways and the Bay Trail and close sidewalk gaps. On-street bikeways should be separated from vehicle traffic via landscaped or concrete barriers.

Goals Alignment

Meets **most** goals

Cost

\$\$\$\$

Benefit

Upgraded bicycle facilities could **increase access for bicyclists**. Within 20 minutes, residents near North Richmond would be able to **access up to 5x more amenities** on a low-stress facility.

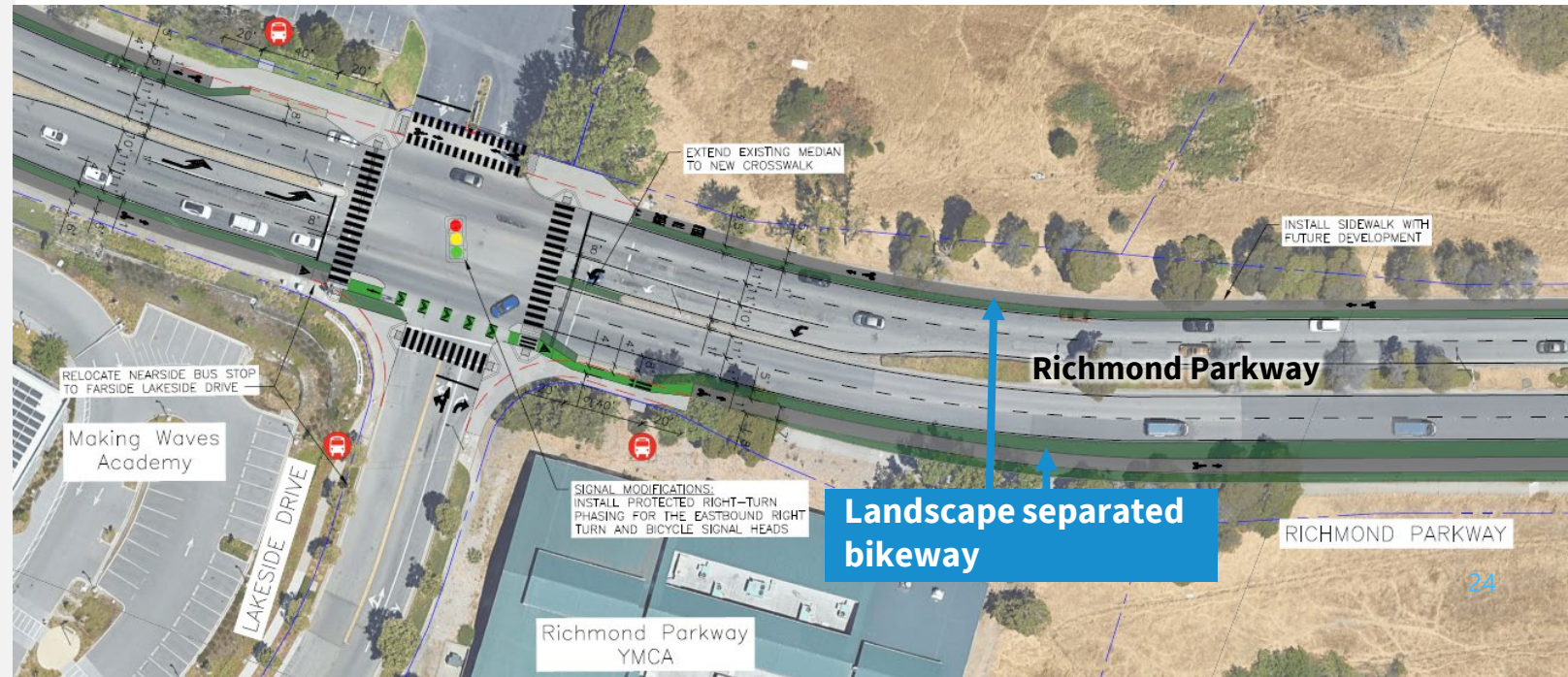
Sources: ESA, 2024; TravelAccess+, Fehr and Peers, 2024; LEHD, 2023.

Lead Agency

City of Richmond: Public Works
Contra Costa County: Public Works

Target Completion Timeframe

6-10 years



Maintenance

H Roadway Maintenance Program

Implement a cross-jurisdictional program to rehabilitate and maintain pavement quality and striping along the corridor. This program would also apply to signage, tree, and signal maintenance.

Goals Alignment

Meets **most** goals

Cost

\$\$\$\$

Lead Agency

Contra Costa County: Public Works, **City of Richmond:** Public Works;

Target Completion Timeframe

2-4 years

Benefit



Improved pavement conditions could save drivers up to **4%-10%** of fuel consumption, repair, and maintenance, and tire wear.

Source: How Pavement and Bridge Conditions Affect Transportation System Performance, FHWA, 2023; SMOOTHNESS MATTERS, Asphalt Pavement Alliance, 2008.

Driving and Goods Movement

I Upgrade and Coordinate Traffic Signals

Implement signal coordination along the Parkway and upgrade signal equipment to allow for emergency vehicle preemption and peak period signal coordination along the Parkway.

Goals Alignment

Meets **many** goals

Cost

\$\$\$

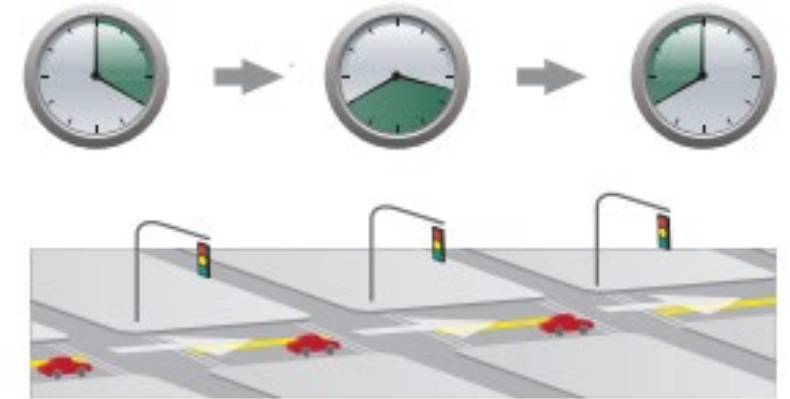
Lead Agency

City of Richmond: Public Works; **Contra Costa County:** Public Works; **CCTA**

Target Completion Timeframe

3-5 years

Benefit



Coordinating signals along the Parkway could **save drivers up to 13 minutes** in the northbound direction in the afternoon peak period.

Source: Fehr and Peers, SimTraffic Model, 2024.



Funding and Implementation

Priority Strategies Implementation

Action	Priority Strategies	Next Steps	Future Steps
Advance design concept for northern segment	A D E F G J	Pursue funding sources that cover multiple strategy categories to finalize design and construct project.	Pursue funding to develop concepts for remaining segments of the Parkway and Bay Trail.
Implement new truck routes	B	Assess existing staffing and funding capacity to advance planning component.	Apply for funding if needed.
Prohibit truck parking and idling	C		
Implement Roadway Maintenance Management Program	H	Confirm the City and County's interest in pursuing the action by approving an MOU to advance the program.	Negotiate agreement and determine guidelines for program development.
Upgrade and coordinate traffic signals	I	Confirm recommendations in the 2019 Program for Arterial System Synchronization (PASS) Report.	Apply for funding.

Priority Strategies Implementation

Action	Priority Strategies	Next Steps	Future Steps
Implement Roadway Maintenance Management Program	H	Confirm the City and County's interest in pursuing the action by approving an MOU to advance the program.	Negotiate agreement and determine guidelines for program development.

Project partners can explore both existing and new potential sources of funding

Guaranteed Source

Regional Measure 3

Potential Existing Sources

- Federal, State, and regional grant funding sources, such as the:
 - RAISE Grant : ~\$16M
 - Local Partnership Programs: ~\$13M
 - One Bay Area Grant Program: ~\$4M
 - Local Highway Safety Improvement Program: ~<\$1M

Potential New Sources

- Countywide Transportation Sales Tax
- Regional Measures such as sales tax, property tax, or increased tolls
- Enhanced Infrastructure Financing District
- Benefit Assessment District
- Subregional Transportation Mitigation Program

Current Source

RM3

Regional Measure 3 is a Bay Area-wide regional measure funded via increased bridge tolls that funds transportation projects included in the expenditure plan. About \$10M has been set aside for Richmond Parkway projects.

Regional Measure 3 (RM3)

RM3 funds a package of 35 projects and programs, including Richmond Parkway designated funds. In addition, active transportation Parkway projects may be competitive for Safe Routes to Transit and Bay Trail funding pot under RM3; however, that category prioritizes access to rail transit.



Source: KQED (2023)

Potential New Sources

Countywide Transportation Sales Tax

A new Contra Costa transportation sales tax could generate stable funding for capital and operating uses laid out in an Expenditure Plan. Requires 2/3 voter support.

Contra Costa County Measure J

Tax revenues from Contra Costa's Measure J, approved by voters in 2004, funds an Expenditure Plan of transportation program and projects, such as the Smart Signals Project which currently does not cover Richmond Parkway.



Source: Smart Signal Project, Contra Costa Transportation Authority (2024)

Potential New Sources

Regional Measure

A new Bay Area-wide regional measure - such as a sales tax, property tax or further increased tolls - could fund transportation projects and maintenance included in an expenditure plan.

Potential Regional Transportation Measure for 2026

A new transportation revenue measure for the Bay Area is being crafted and may be on a future ballot as early as November 2026. The measure is expected to generate at least \$1 billion annually and is currently considering a wide range of options for its revenue source.



Source: Transform (2024); MTC (2024).

Discussion

Priority Strategy	Cost	Sales Tax	Regional Measure
A. Trees and Green Infrastructure	\$\$\$\$	x	
B. Implement New Truck Routes	\$	x	
C. No Truck Parking and Idling Zones	\$	x	
D. Safety Improvements at Intersections	\$\$\$\$	x	x
E. Reduce Speeding	\$	x	x
F. Upgrade Bikeways and Paths	\$\$\$\$	x	x
G. On-Street Wildcat Creek Trail crossing	\$\$	x	x
H. Roadway Maintenance Program	\$\$\$\$	x	x
I. Upgrade and Coordinate Traffic Signals	\$\$\$	x	x
J. Richmond Parkway Transit Center Access	\$\$	x	x

Key:

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1. Which of the priority strategies do you think are most important to implement?
2. Do the priority strategies all seem like realistic options for the City/County to explore, particularly the Maintenance program?
3. Are there other funding options that should be considered?
4. Which funding option should be prioritized?



Next Steps



Next Steps

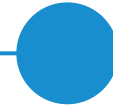
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Lead agencies to
initiate actions for
implementing priority
strategies