

MEETING NOTICE AND AGENDA

DATE & TIME: February 28, 2025 • 8:00 AM – 10:00 AM

LOCATION: City of El Cerrito, Council Chambers
10890 San Pablo Avenue (at Manila Ave)
El Cerrito, California (Accessible by AC Transit #72, #72M & #72R)

Commissioner Chris Peeples will attend remotely from:
13328 San Pablo Ave., #38C,
San Pablo, CA 94806

REMOTE ACCESS:

<https://us02web.zoom.us/j/7321058840?pwd=c1dMVjJydIBoYk0yYWVZVlMWHZ4Zz09>

Meeting ID: 732 105 8840

Phone: =

+Dial the following number, enter the participant PIN followed by # to confirm:

+1 669 900 6833

Meeting ID: 732 105 8840 / Password: 066620

Public Comment During the Meeting

Public comment during the meeting can be in person or via Zoom. Those wishing to comment in person should fill out a speak card. Participants wishing to comment via Zoom should indicate interest by using the hand raising function on Zoom or by physically raising their hands.

The ability to participate and observe via Zoom or teleconference is predicated on those technologies being available and functioning without technical difficulties. Should they not be available or become non-functioning or should the WCCTC Board encounter technical difficulties that make those platforms unavailable, the WCCTC Board will proceed with business in person unless otherwise prohibited by law.

Written Comment

Written comments are accepted until the start of the meeting, unless otherwise noted on the meeting agenda. Public comments received by 5:00 p.m. on the evening before the Board meeting date will be provided to the WCCTC Board. Comments may be submitted by email to mcarrasco@WestContraCostaTC.gov.

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1. **Call to Order and Board Member Roll Call.** *(Cameron Sasai – Chair)*
 2. **Public Comment.** The public is welcome to address the Board on any item that is not listed on the agenda.

CONSENT CALENDAR

3. **Minutes of January 24, 2025, Board Meeting.** *(Attachment; Recommended Action: Approve).*
4. **Monthly Update on WCCTC Activities.** *(Attachment; Information only).*
5. **Financial Reports.** The reports show the Agency's revenues and expenses for January 2025. *(Attachment; Information only).*
6. **Payment of Invoices over \$10,000.** None. *(No Attachment; Information only).*

REGULAR AGENDA ITEMS

7. **Adoption of the Revised Final Draft Richmond Parkway Transportation Plan (RPTP).** At its January 2025 meeting, the WCCTC Board directed staff to incorporate its comments into the Final Draft RPTP. Following a discussion of the comments with WCCTC's project partners, staff revised the Final Draft RPTP. Staff is now seeking the Commission's adoption of the Plan. *(Leah Greenblat, WCCTC Staff; Attachments: Yes with appendices available on the WCCTC website: [Richmond Parkway Transportation Plan](#); Recommended Action: Approve Resolution 2025-01 adopting the Final Draft of the Richmond Parkway Transportation Plan; Approve Resolution 2025-02 supporting and advocating for securing county, regional and state funding for the on-going maintenance of the Richmond Parkway).*
8. **Countywide Transportation Plan (CTP).** CCTA is in the process of taking the draft CTP to the four Regional Transportation Planning Committee (RTPC) TACs and Boards for their input on the proposed Blueprint strategies. CCTA staff will lead a discussion of the strategies. *(Matt Kelly, CCTA staff; Attachments: Yes; Recommended Action: Provide feedback).*

STANDING ITEMS

9. Board and Staff Comments.

- a. Board Member Comments, Conference/Meeting Reports (AB 1234 Requirement and Announcements)
- b. Report from CCTA Representatives (*Directors Kelley & Xavier*)
- c. Executive Director's Report

10. General Information Items.

- a. Letter to CCTA Executive Director with Summary of Board Actions for January 24, 2025
- b. Acronym List

11. Adjourn. Next regular meeting is March 28, 2025 @ 8:00 a.m.

- In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in the WCCTC Board meeting, or if you need a copy of the agenda and/or agenda packet materials in an alternative format, please contact Valerie Jenkins at 510.210.5930 prior to the meeting.
- If you have special transportation requirements and would like to attend the meeting, please call the phone number above at least 48 hours in advance to make arrangements.
- Handouts provided at the meeting are available upon request and may also be viewed at WCCTC's offices.
- Please refrain from wearing scented products to the meeting, as there may be attendees susceptible to environmental illnesses. Please also put cellular phones on silent mode during the meeting.
- A meeting sign-in sheet will be circulated at the meeting. Sign-in is optional.

**West Contra Costa Transportation Commission
Board Meeting
Meeting Minutes: January 24, 2025**

MEMBERS PRESENT: R. Xavier, Chair (San Pablo), J. Gioia (County), E. Martinez (Richmond), C. Jiménez (Richmond), D. Robinson (Richmond), S. Bana (Richmond), C. Sasai (Pinole), C. Kelley (Hercules), R. Saltzman (El Cerrito), B. Ghosh (BART), C. Peeples (AC Transit), T. Hansen (WestCAT)

STAFF PRESENT: J. Nemeth, C. Reilly, L. Greenblat, M. Carrasco

ACTIONS LISTED BY: WCCTC Staff

MEETING CALLED TO ORDER: 8:00 am

PUBLIC COMMENT: None

ELECTION OF OFFICERS

a., b. Motion by **C. Kelley**, seconded by **C. Sasai**, to appoint **Rita Xavier** as the CCTA Representative (odd-year), and **Claudia Jiménez** as the Alternate Representative to CCTA.

Yes- Richmond (E. Martinez, S. Bana), County (J. Gioia), Hercules (C. Kelley), Pinole (C. Sasai), San Pablo (R. Xavier), El Cerrito (R. Saltzman)

No- None

Abstention- None

Motion passed unanimously 6-0

c., d. Motion by **J. Gioia**, seconded by **C. Kelley**, to appoint **Cameron Sasai** as the Chair of the WCCTC Board and **Rebecca Saltzman** as Vice-Chair

Yes - S. Bana, B. Ghosh, J. Gioia, T. Hansen, C. Kelley, R. Xavier, E. Martinez, C. Sasai, C. Peeples, R. Saltzman

No - None

Abstention - None

Motion passed unanimously

Public Comment

Harpreet Sandhu with Representative B. Garamendi's Office congratulated new appointees and looks forward to working with everyone.

CONSENT CALENDAR

Item #4: Minutes of October 25, 2024, Board Meeting

Item #5: Monthly Update on WCCTC Activities

Item #6: Financial Reports. The reports show the Agency's revenues and expenses for December 2024

Item #7: Payment of Invoices over \$10,000

Item #8: Proposed 2025 Board and TAC Meeting Calendar

Item #9: Appointments to the CCTA’s Technical Coordinating Committee (TCC)

Item #10: FY 24-25 Measure J Program 20b (Additional Transportation for Seniors and People with Disabilities) Allocation for City of Richmond

Item #11: Fiscal Audit and Memorandum of Internal Control for Fiscal Year 2024

Motion by **C. Kelley**; seconded by **C. Peebles**

Yes – S. Bana, B. Ghosh (Abstain on Minutes), J. Gioia, T. Hansen, C. Kelley, D. Robinson (Abstain on Minutes), R. Xavier, E. Martinez, C. Sasai

No- None

Abstention- B. Ghosh, D. Robinson (Abstained on Minutes ONLY)

Motion passed unanimously

REGULAR AGENDA ITEMS

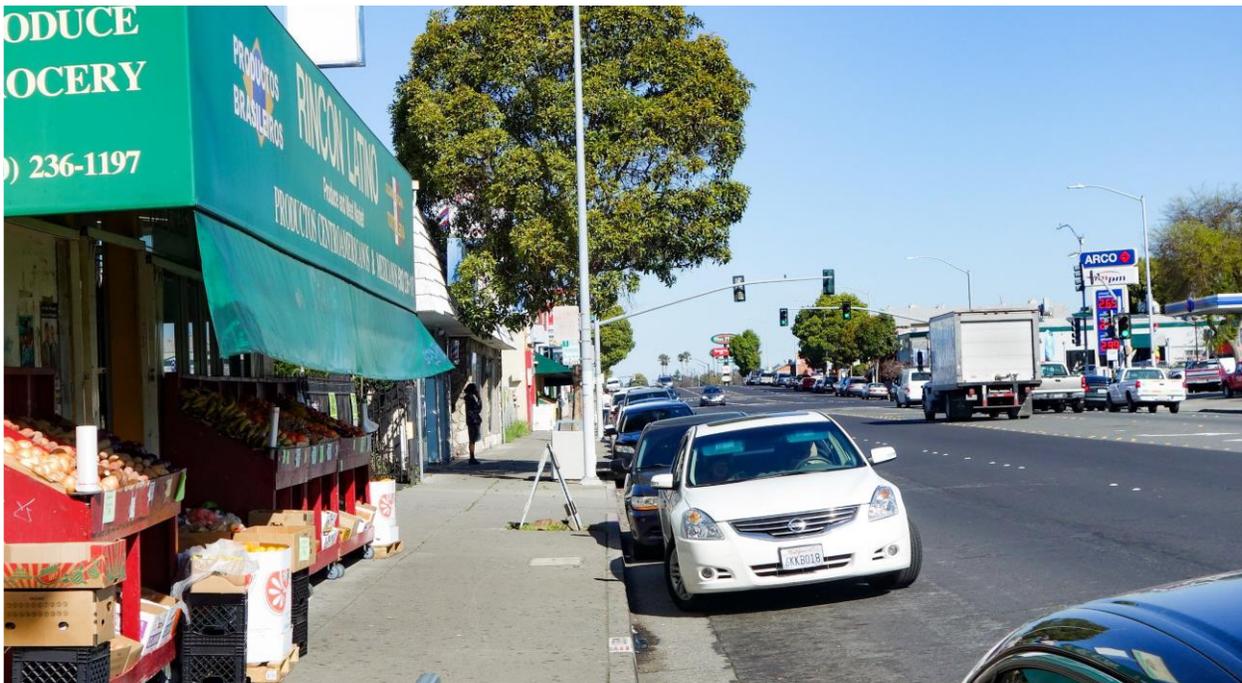
ITEM/DISCUSSION	ACTION
Item #12 Adoption of Final Draft Richmond Parkway Transportation Plan (RPTP)	Information Only Staff, and the consultant lead, Fehr and Peers, provided an overview of the RPTP for the Board. Staff noted that the Plan involved two years of extensive community, technical, and Commission guidance. Staff also noted that it had incorporated feedback from the Draft document, that was circulated previously. The Board made a number of comments and ultimately decided to bring the document back for consideration once staff had an opportunity to incorporate its feedback.
Item #13 I-80 / Central Avenue Undercrossing, Ped/Bike Improvements	Information Only Caltrans staff provided an update on the project, which is currently in the design phase and could go to bid this summer. The update included some visual renderings of the project. The project received a \$3.85M grant award from the state’s Active Transportation Program (ATP) and \$400K in Measure J 28b funding from WCCTC/CCTA.

<p>Item #14 Countywide Comprehensive Transportation Safety Action Plan (CTSAP)</p>	<p><i>Information Only</i> Colin Clarke, of CCTA staff, delivered a presentation on the Draft Contra Costa Countywide Comprehensive Transportation Safety Action Plan (CTSAP). The Board had several safety-related questions and comments. The Board did not take an action.</p>
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MEETING ADJOURNED: 10:00 am

MEETING DATE: February 28, 2025
TO: West Contra Costa Transportation Commission
FROM: John Nemeth, Executive Director
SUBJECT: Monthly Update on WCCTC Activities

San Pablo Ave. Multimodal Corridor: Plans for Phase 3



WCCTC has partnered with CCTA, El Cerrito, Richmond, San Pablo, and AC Transit to continue working on multi-modal options for San Pablo Avenue. At the conclusion of Phase 2 of the San Pablo Ave. Multimodal Corridor Study, the WCCTC Board expressed support for pedestrian safety improvements, as well as an extensive public outreach phase to gather input on other corridor options. In Alameda County, Oakland and Emeryville have established a project to convert a general-purpose lane into a bus-only lane. There are also plans in Alameda County for enhanced bike access, either along San Pablo Avenue itself, or on parallel routes that are planned to be improved.

As a Phase 3 of the Multimodal Corridor Study, CCTA staff applied for RM3 funding from MTC and have developed a draft scope of work with local partners. The scope includes some additional technical analysis (without repeating work from Phases 1 and 2) in order share clear

and accurate information with the public during the outreach portion of the work. The bulk of the work in Phase 3 will involve gathering community input. The CCTA is planning on bringing the scope of work to its Board in March with the release of a Request for Proposals anticipated in the early spring. The WCCTC Board will be briefed on this work in the near future.

Rails to Trails Technical Assistance

The Western Field Office of the Rails to Trails Conservancy, a national organization dedicated to developing a safe network walking and bicycling trails, approached WCCTC staff to help identify projects to receive technical assistance as part of the CalSPAN (State Physical Activity and Nutrition) program. This technical assistance can be used for a variety of activities, including: policy development, program development, demonstration projects, pop ups, and other projects aimed at connecting pedestrian, bicycle, and/or transit routes to everyday destinations. Projects must be located within, or focused on, disadvantaged communities.

WCCTC staff presented information about this opportunity at the February 13, 2025 WCCTC TAC meeting and is now working with member agencies to identify potential projects in West County.

New Richmond Ferry Schedule for Weekends



WETA, the operator of the Richmond Ferry, is preparing to implement a new schedule beginning in April and lasting through October. Its aim is to provide additional AM departures from Richmond and additional PM departures from San Francisco on weekends. Instead of five trips in each direction per day, there will be seven in each direction.

WETA can absorb the cost of operating the new schedule without the need for additional Measure J funding during this calendar year.

It plans to use this trial period to assess whether the additional service is worth operating on a longer-term basis. WETA staff will provide an overview to the WCCTC Board, including on the performance of the new weekend schedule, in September or October of this year.

Take 10 Promotion



WCCTC's TDM program, 511 Contra Costa, is currently running its "Take 10" promotion. The program provides commuters with 10 free rides on long distance bus lines – AC Transit Transbay, WestCAT Lynx, and SolTrans Out of County. The promotion includes ads on various social media platforms. The offer is available to commuters who are interested in taking the bus instead of driving, any time of the year. More information can be found here: www.511cc.org/take10

BART-Richmond-El Cerrito TDM Plan Beginning Planning Phase

Using a grant from the Federal Transit Administration, BART is leading an effort to create a TDM plan for El Cerrito, South Richmond, and Central Richmond. The plan will have a strong focus on connecting travelers to, and encouraging the use of, BART and other transit options within the area. The plan will also explore the possibility of creating a Transportation Management Agency, which would be an organization dedicated to promoting and/or providing transportation within the area. The plan is just getting started and is in the goal-setting and visioning phase. Program Manager Coire Reilly is representing WCCTC, serving on the plan's Working Group, along with staff from BART and the cities of Richmond and El Cerrito. Fehr & Peers is the consultant leading the project.

CCTA Seeking Citizen Representatives for CBPAC

CCTA is seeking two citizen representatives to serve on the Countywide Bicycle and Pedestrian Advisory Committee (CBPAC) to represent a) seniors and people with disabilities and b) youth. The CBPAC meets every other month and advises CCTA on bicycle and pedestrian issues, polices, and plans. Citizen representatives must be residents of Contra Costa County. If interested, please email Coire Reilly for more information, creilly@WestContraCostaTC.gov.

General Ledger Monthly Budget



CITY OF SAN PABLO
City of New Directions

User: LindaL@sanpabloca.gov
Printed: 2/6/2025 4:06:23 PM
Period 07 - 07
Fiscal Year 2025

Account Number	Description	Adopted	Budget Adjustments	Budget	End Bal	Variance	Encumbered	AvailUncollect	% AvailUncollect
770-7700-41000	Salary	0.00	527,125.00	527,125.00	139,477.96	387,647.04	0.00	387,647.04	73.54
770-7700-41200	PERS Retirement	0.00	0.00	0.00	84,889.71	-84,889.71	0.00	-84,889.71	0.00
770-7700-41310	Medical Insurance	0.00	0.00	0.00	30,078.25	-30,078.25	0.00	-30,078.25	0.00
770-7700-41311	Retiree Healthcare	0.00	0.00	0.00	1,342.07	-1,342.07	0.00	-1,342.07	0.00
770-7700-41400	Dental	0.00	0.00	0.00	1,285.37	-1,285.37	0.00	-1,285.37	0.00
770-7700-41500	Flexible Spending Account	0.00	0.00	0.00	1,204.26	-1,204.26	0.00	-1,204.26	0.00
770-7700-41800	LTD Insurance	0.00	0.00	0.00	1,747.87	-1,747.87	0.00	-1,747.87	0.00
770-7700-41900	Medicare	0.00	0.00	0.00	3,208.10	-3,208.10	0.00	-3,208.10	0.00
770-7700-41901	Other Insurances	0.00	0.00	0.00	9,512.91	-9,512.91	0.00	-9,512.91	0.00
770-7700-41904	Life Insurance	0.00	0.00	0.00	566.18	-566.18	0.00	-566.18	0.00
770-7700-41911	Liability Insurance	0.00	4,759.00	4,759.00	0.00	4,759.00	0.00	4,759.00	100.00
	Salary and Benefits	0.00	531,884.00	531,884.00	273,312.68	258,571.32	0.00	258,571.32	48.61
770-7700-43500	Office Supplies	0.00	5,500.00	5,500.00	3,219.24	2,280.76	0.00	2,280.76	41.47
770-7700-43501	Postage	0.00	1,000.00	1,000.00	779.85	220.15	0.00	220.15	22.02
770-7700-43520	CopiesPrintingShippingXerox	0.00	3,300.00	3,300.00	2,316.40	983.60	0.00	983.60	29.81
770-7700-43600	Professional Services	0.00	75,500.00	75,500.00	51,508.11	23,991.89	0.00	23,991.89	31.78
770-7700-43900	RentBuilding	0.00	22,800.00	22,800.00	13,441.83	9,358.17	0.00	9,358.17	41.04
770-7700-44000	Special Department Expenses	0.00	15,000.00	15,000.00	3,235.89	11,764.11	0.00	11,764.11	78.43
770-7700-44320	TravelTraining Staff	0.00	2,500.00	2,500.00	1,290.21	1,209.79	0.00	1,209.79	48.39
	Service and Supplies	0.00	125,600.00	125,600.00	75,791.53	49,808.47	0.00	49,808.47	39.66
	Expense	0.00	657,484.00	657,484.00	349,104.21	308,379.79	0.00	308,379.79	46.90
770	WCCTAC Operations	0.00	657,484.00	657,484.00	349,104.21	308,379.79	0.00	308,379.79	46.90
772-7720-41000	Salary	0.00	250,634.00	250,634.00	90,844.02	159,789.98	0.00	159,789.98	63.75
772-7720-41200	PERS Retirement	0.00	0.00	0.00	50,686.16	-50,686.16	0.00	-50,686.16	0.00
772-7720-41310	Medical Insurance	0.00	0.00	0.00	15,127.64	-15,127.64	0.00	-15,127.64	0.00
772-7720-41400	Dental Insurance	0.00	0.00	0.00	653.16	-653.16	0.00	-653.16	0.00
772-7720-41800	LTD Insurance	0.00	0.00	0.00	536.45	-536.45	0.00	-536.45	0.00
772-7720-41900	Medicare	0.00	0.00	0.00	1,307.20	-1,307.20	0.00	-1,307.20	0.00
772-7720-41901	Other Insurances	0.00	0.00	0.00	6,548.54	-6,548.54	0.00	-6,548.54	0.00
772-7720-41904	Life Insurance	0.00	0.00	0.00	146.50	-146.50	0.00	-146.50	0.00
772-7720-41911	Liability Insurance	0.00	4,750.00	4,750.00	0.00	4,750.00	0.00	4,750.00	100.00
	Salary and Benefits	0.00	255,384.00	255,384.00	165,849.67	89,534.33	0.00	89,534.33	35.06
772-7720-43300	MembershipsSubscriptions	0.00	0.00	0.00	375.00	-375.00	0.00	-375.00	0.00
772-7720-43500	Office Supplies	0.00	2,500.00	2,500.00	0.00	2,500.00	0.00	2,500.00	100.00
772-7720-43501	TDM Postage	0.00	3,000.00	3,000.00	608.51	2,391.49	0.00	2,391.49	79.72

Account Number	Description	Adopted	Budget Adjustments	Budget	End Bal	Variance	Encumbered	AvailUncollect	% AvailUncollect
772-7720-43502	TDM Postage	0.00	0.00	0.00	48.41	-48.41	0.00	-48.41	0.00
772-7720-43520	CopiesPrintingShippingXerox	0.00	5,000.00	5,000.00	2,765.07	2,234.93	0.00	2,234.93	44.70
772-7720-43600	Professional Services	0.00	76,000.00	76,000.00	28,552.65	47,447.35	0.00	47,447.35	62.43
772-7720-43900	RentBuilding	0.00	0.00	0.00	13,134.83	-13,134.83	0.00	-13,134.83	0.00
772-7720-44000	Special Department Expenses	0.00	219,316.00	219,316.00	108,517.85	110,798.15	22,372.00	88,426.15	40.32
772-7720-44320	TravelTraining Staff	0.00	5,000.00	5,000.00	912.91	4,087.09	0.00	4,087.09	81.74
	Service and Supplies	0.00	310,816.00	310,816.00	154,915.23	155,900.77	22,372.00	133,528.77	42.96
	Expense	0.00	566,200.00	566,200.00	320,764.90	245,435.10	22,372.00	223,063.10	39.40
772	WCCTAC TDM	0.00	566,200.00	566,200.00	320,764.90	245,435.10	22,372.00	223,063.10	39.40
773-7730-41000	Salary	0.00	85,000.00	85,000.00	85,000.00	0.00	0.00	0.00	0.00
	Salary and Benefits	0.00	85,000.00	85,000.00	85,000.00	0.00	0.00	0.00	0.00
773-7730-43600	Professional Services	0.00	0.00	0.00	3,707.50	-3,707.50	0.00	-3,707.50	0.00
773-7730-44000	Special Department Expense	0.00	11,227,112.00	11,227,112.00	128,016.96	11,099,095.04	0.00	11,099,095.04	98.86
	Service and Supplies	0.00	11,227,112.00	11,227,112.00	131,724.46	11,095,387.54	0.00	11,095,387.54	98.83
	Expense	0.00	11,312,112.00	11,312,112.00	216,724.46	11,095,387.54	0.00	11,095,387.54	98.08
773	WCCTAC STMP	0.00	11,312,112.00	11,312,112.00	216,724.46	11,095,387.54	0.00	11,095,387.54	98.08
774-7740-43600	Professional Services	0.00	0.00	0.00	192,596.95	-192,596.95	0.00	-192,596.95	0.00
774-7740-44000	Special Department Expense	0.00	473,850.00	473,850.00	49,362.35	424,487.65	0.00	424,487.65	89.58
	Service and Supplies	0.00	473,850.00	473,850.00	241,959.30	231,890.70	0.00	231,890.70	48.94
	Expense	0.00	473,850.00	473,850.00	241,959.30	231,890.70	0.00	231,890.70	48.94
774	WCCTAC Special Projects	0.00	473,850.00	473,850.00	241,959.30	231,890.70	0.00	231,890.70	48.94
Expense Total		0.00	0.00	13,009,646.00	1,128,552.87	11,881,093.13	22,372.00	11,858,721.13	91.1533

General Ledger Monthly Budget

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 Printed: 2/6/2025 4:03:51 PM
 Period 07 - 07
 Fiscal Year 2025



Account Number	Description	Adopted	Budget Adjustments	Budget	End Bal	Variance	Encumbered	AvailUncollect	% AvailUncollect
770-0000-36102	Interest	0.00	0.00	0.00	-186.43	186.43	0.00	186.43	0.00
	Use of Property and Money	0.00	0.00	0.00	-186.43	186.43	0.00	186.43	0.00
770-0000-34111	Member Contributions	0.00	600,461.00	-600,461.00	-600,461.00	0.00	0.00	0.00	0.00
770-0000-39906	Other Revenue	0.00	63,000.00	-63,000.00	0.00	-63,000.00	0.00	-63,000.00	100.00
	Miscellaneous Revenue	0.00	663,461.00	-663,461.00	-600,461.00	-63,000.00	0.00	-63,000.00	9.50
	Revenue	0.00	663,461.00	-663,461.00	-600,647.43	-62,813.57	0.00	-62,813.57	9.47
770	WCCTAC Operations	0.00	663,461.00	-663,461.00	-600,647.43	-62,813.57	0.00	-62,813.57	9.47
772-0000-33403	Grants	0.00	589,000.00	-589,000.00	0.00	-589,000.00	0.00	-589,000.00	100.00
	Grants	0.00	589,000.00	-589,000.00	0.00	-589,000.00	0.00	-589,000.00	100.00
772-0000-39906	Other Revenue	0.00	0.00	0.00	-243,667.70	243,667.70	0.00	243,667.70	0.00
	Miscellaneous Revenue	0.00	0.00	0.00	-243,667.70	243,667.70	0.00	243,667.70	0.00
	Revenue	0.00	589,000.00	-589,000.00	-243,667.70	-345,332.30	0.00	-345,332.30	58.63
772	WCCTAC TDM	0.00	589,000.00	-589,000.00	-243,667.70	-345,332.30	0.00	-345,332.30	58.63
773-0000-34310	County STMP Fees	0.00	100,000.00	-100,000.00	-48.02	-99,951.98	0.00	-99,951.98	99.95
773-0000-34315	El Cerrito STMP Fees	0.00	50,000.00	-50,000.00	-241,999.00	191,999.00	0.00	191,999.00	-384.00
773-0000-34320	Hercules STMP Fees	0.00	50,000.00	-50,000.00	-4,971.74	-45,028.26	0.00	-45,028.26	90.06
773-0000-34325	Pinole STMP Fees	0.00	10,000.00	-10,000.00	-6,862.00	-3,138.00	0.00	-3,138.00	31.38
773-0000-34330	Richmond STMP Fees	0.00	782,000.00	-782,000.00	-456,682.12	-325,317.88	0.00	-325,317.88	41.60
773-0000-34335	San Pablo STMP Fees	0.00	1,071,000.00	-1,071,000.00	-81,931.56	-989,068.44	0.00	-989,068.44	92.35
	Licenses and Permits	0.00	2,063,000.00	-2,063,000.00	-792,494.44	-1,270,505.56	0.00	-1,270,505.56	61.59
773-0000-36102	Interest	0.00	75,000.00	-75,000.00	-261,624.40	186,624.40	0.00	186,624.40	-248.83
	Use of Property and Money	0.00	75,000.00	-75,000.00	-261,624.40	186,624.40	0.00	186,624.40	-248.83
	Revenue	0.00	2,138,000.00	-2,138,000.00	-1,054,118.84	-1,083,881.16	0.00	-1,083,881.16	50.70
773	WCCTAC STMP	0.00	2,138,000.00	-2,138,000.00	-1,054,118.84	-1,083,881.16	0.00	-1,083,881.16	50.70

Account Number	Description	Adopted	Budget Adjustments	Budget	End Bal	Variance	Encumbered	AvailUncollect	% AvailUncollect
774-0000-39906	Other Revenue	0.00	473,850.00	-473,850.00	-64,846.57	-409,003.43	0.00	-409,003.43	86.31
	Miscellaneous Revenue	0.00	473,850.00	-473,850.00	-64,846.57	-409,003.43	0.00	-409,003.43	86.31
774	Revenue	0.00	473,850.00	-473,850.00	-64,846.57	-409,003.43	0.00	-409,003.43	86.31
	WCCTAC Special Projects	0.00	473,850.00	-473,850.00	-64,846.57	-409,003.43	0.00	-409,003.43	86.31
Expense Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

MEETING DATE: February 28, 2025
TO: West Contra Costa Transportation Commission
FROM: Leah Greenblat, Transportation Planning Manager
SUBJECT: **Adoption of the Revised Final Draft Richmond Parkway
Transportation Plan**

REQUESTED ACTIONS

1. Approve Resolution 2025-01 adopting the Revised Final Draft of the Richmond Parkway Transportation Plan; and
2. Approve Resolution 2025-02 supporting and advocating for securing county-level, regional, and state funding for the on-going maintenance of the Richmond Parkway

BACKGROUND AND DISCUSSION

Following a two-year development process, involving the WCCTC Board, staff provided an overview of the Final Draft of the Richmond Parkway Transportation Plan (RPTP) at the January 24, 2025, WCCTC Board meeting. Commissioners sought clarifying information and requested modifications to the RPTP to address public health, funding, maintenance responsibilities, and the state-mandated transition to electric vehicles.

Following the meeting, WCCTC staff met with its project partners, the City of Richmond, and Contra Costa County, to review the feedback and discuss possible RPTP changes. The table below summarizes Commissioner’s comments with responses and proposed changes to the RPTP.

#	Commissioner	Comment/Question	Response	Plan Change
1	Gioia	County designated truck routes--types of road infrastructure to prevent trucks from going into N Richmond from the Parkway. Does this assume potential roadway improvements to prevent truck turning movements?	Yes, included in intersection safety strategy (e.g., tighten curb radii); truck strategy also includes camera enforcement	Ch. 5 Priority Strategies: change strategy title to "Confirm and enforce truck routes in North Richmond" Move CHP to Lead Agency
2	Gioia	County land use requirement: all trucks must go electric in 5 years; City in the past has not required warehouse development to use ZEVs (maybe doing this now); would like to see the truck idling strategy expanded to include this (i.e., Transportation Land Use Policy)	County has adopted ZEV policies in the General Plan and have banned warehousing land uses in North Richmond. AB98 passed statewide warehouse design and cities must be consistent.	Ch. 5 Priority Strategies: Merge strategies PH-3, Ph-4, and Ph-7 into new priority strategy PH-3: PH-3 Minimize vehicle impacts to air quality: Encourage clean trucks to the maximum extent feasible through new development requirements. Ensure requirements adhere to AB98 legislation. Place "no truck parking" and "no idling" zones judiciously to reinforce, but not overburden, truck operations. Install signs in strategic locations, such as residential areas and near sensitive receptors (schools, hospitals, parks), indicating no-idling zones and displaying the associated fines. Identify publicly-owned buildings within the study area exposed to emissions levels beyond the Bay Area Air Quality Management District thresholds of significance and prioritize these locations for installation and regular maintenance of high-quality air filtration systems.
3	Kelley; Gioia	For maintenance strategy, urge City/County to work together. They have worked together on agreements for maintenance. Contemplated that it would be turned over to the state, but it was not built to state standards.	Agree	See row #8.

#	Commissioner	Comment/Question	Response	Plan Change
4	Robinson	Need to spend \$15M just to maintain poor quality of existing pavement. If Pkwy is also included, amount of money needed to invest in regional road system is far beyond what City can maintain.	Agree that the cost of maintaining the Parkway is beyond City's current resources. Intent is that a regional funding source would be identified.	Table 2 and Ch. 5 Priority Strategies cutsheets: Explicitly note in the maintenance strategy description that the maintenance agreement shall include the identification of a <u>regional</u> funding source.
5	Gioia	This is a regional corridor. Identify regional funding opportunities. Need strategy to bring in money to handle maintenance costs.	See row #12.	
6	Robinson	How viable are the options listed in the Plan? Federal funding does not seem likely.	Current federal funding landscape is different now than when this draft plan was assembled. It is possible to lobby for including these strategies in countywide or regional measure.	Ch. 6 Implementation and Funding: Note that regional and countywide measures offer the most promising funding opportunities, and that federal funding landscape may change given 2025 administration. Add introduction about how these funding sources all represent different options to fund strategies like maintenance. Add note under Benefits Assessment Districts that this would not likely be a comprehensive option--only where there is sufficient development.
7	Martinez	Is there some way that we could improve the road in increments to meet state standards?	CCTA studied this back in 2008 and the cost of converting the Parkway to a Caltrans facility would cost in the range of \$140M to \$400M in 2024 dollars. Given the high cost and misalignment with the plan goals, this approach is not likely feasible.	Introduction: Add "History" callout: The Richmond Parkway was completed in the 1990s to serve as a regional arterial route, however, the facility has not been adopted into the State Highway System. Based on a study completed by CCTA in 2008, it would cost between \$140M and \$400M (2024\$) to upgrade the corridor to Caltrans standards and transfer ownership to the state.

#	Commissioner	Comment/Question	Response	Plan Change
8	Robinson	One of the next steps is to have Richmond staff sign onto an MOU. Is that right? Concern about committing staff time and resources.	MOU is currently listed for maintenance plan but approach can be changed.	Table 2, Ch. 5 Priority Strategies cutsheets, and Table 5: Replace "MOU" in the Maintenance strategy description with "consider agreement".
9	Gioia	WCCTC doesn't need to tell County and City to work together. Value is in identifying type of roadway maintenance that is needed. Can use that information to advocate for ongoing funding.		
10	Jimenez	Parkway is not necessarily a priority for the City.	The Plan's intent is not to force the City to implement the recommended strategies. The value of this Plan is in daylighting the needs and project opportunities along the Parkway to attract outside funding. Up to the City to determine how they would like to prioritize implementation.	Ch. 6 Implementation and Funding: Note that lead agencies may determine how they would like to prioritize implementation of the strategies and priority strategies under "Potential Current Funding Sources".
11	Gioia	Develop as a priority for WCCTC, policy direction & work with CCTA and jurisdictions to identify and explore regional funding for maintenance of the Parkway. Resolution to be proposed along with the Plan.	WCCTC to develop a resolution alongside the Plan that acknowledges regional-serving nature of the Parkway and calls regional bodies to support strategy funding.	Ch. 6 Implementation and Funding: Note that WCCTC will continue to support project partners in pursuing funding options for the strategies, including regional sources.
12	Robinson	Can we include funding as a priority strategy?	Strategies represent projects/programs that respond to the transportation challenges along the corridor. WCCTC will develop a resolution to explore regional	Ch. 5 Priority Strategies: Clarify in the introduction that funding must be identified and acquired to implement the strategies, and that WCCTC will support partner agencies in pursuing grants and regional funding opportunities.

#	Commissioner	Comment/Question	Response	Plan Change
			funding options and be more explicit in the Plan that regional funding is preferred.	Ch. 6 Implementation and Funding: Replace "Agencies identified as lead are charged with advancing the assigned strategies and ensuring adequate funding and staffing for implementation." with "Agencies identified as lead have jurisdiction over the priority strategy and will have ultimate decision making power during implementation." Add "Lead agencies and coordinating agencies may work together to identify funding sources."
13	Gioia	Can we see a summary of OD data along the corridor?	Yes. This is included in the Existing Conditions portion of the Plan. Staff can send more detailed information over email.	None
14	Robinson	Is it too late to add priority strategies? Wants to see some stronger measures for Public Health. Having resources to put in air filtration systems in publicly owned sensitive facilities.	Edits to the existing priority strategies are acceptable. Staff notes that all the strategies listed in the Plan are important to advance, and being listed as a strategy rather than a priority strategy does not preclude that strategy from implementation.	Refer to row #3
15	Sasai	Is WCCTC advocating with legislators for the legalization of speed cameras to reduce speeding?	WCCTC has not advocated for this at the legislative level. The expectation is that once demonstration projects are completed, there might be wider application throughout the State.	None - speed camera legality noted in the Plan for the "Reduce Speeding" strategy cutsheet and as a footnote in Table 4

Additionally, in response to Commissioner feedback, staff prepared a second resolution (Resolution 2025-02) highlighting the WCCTC's support and advocacy for securing new funding sources for on-going maintenance of the Parkway. If adopted, WCCTC staff would share the resolution with CCTA, MTC, and other relevant agencies. Furthermore, WCCTC staff encourages Commissioners to share this resolution with their elected bodies and to advocate for funding in regional forums in which they participate.

Should the Commission approve the RPTP, through Resolution 2025-01, WCCTC's consultant would finalize and distribute the adopted RPTP (as well as perform final project close-out work) later that day prior to the grant's funding deadline which is the close of business on February 28, 2025. If the Commission chooses not to adopt the RPTP at its February meeting, WCCTC would not be able to bill Caltrans for any additional work beyond February 28, 2025.

ATTACHMENTS:

- A. Resolution 2025-01
- B. Resolution 2025-02
- C. Revised Final Draft of the Richmond Parkway Transportation Plan without Appendices (Complete document with appendices available on WCCTC's website: www.westcontracostatc.gov)

**WEST CONTRA COSTA TRANSPORTATION ADVISORY COMMITTEE
(dba WEST CONTRA COSTA TRANSPORTATION COMMISSION)
RESOLUTION 2025-01**

**ADOPTING THE REVISED FINAL DRAFT RICHMOND PARKWAY
TRANSPORTATION PLAN**

WHEREAS, the West Contra Costa Transportation Commission (“WCCTC”) is a joint exercise of powers authority formed pursuant to Government Code Section 6500, et. seq. by and between the City of El Cerrito, the City of Hercules, the City of Pinole, the City of Richmond, the City of San Pablo, Contra Costa County, Alameda-Contra Costa Transit District (“AC Transit”), San Francisco Bay Area Rapid Transit (“BART”), and West Contra Costa Transit Authority (“WestCAT”); and

WHEREAS, WCCTC sought and received grant funding from the Sustainable Transportation Program at Caltrans to develop a transportation plan for the Richmond Parkway; and

WHEREAS, WCCTC retained Fehr and Peers to assist in the development of the Richmond Parkway Transportation Plan; and

WHEREAS, WCCTC and its project partners the City of Richmond and Contra Costa County undertook extensive public outreach and technical analysis to develop the Draft and Final Draft of the Richmond Parkway Transportation Plan; and

WHEREAS, WCCTC Board of Directors guided the development and reviewed the Draft and Final Draft of the Richmond Parkway Transportation Plan; and

WHEREAS, the WCCTC Board of Directors accepted the revised Final Draft Plan of the Richmond Parkway Transportation Plan at its February 28, 2025 meeting; and

WHEREAS, the Richmond Parkway Transportation Plan identifies ten (10) priority strategies that WCCTC wishes to pursue implementation of.

NOW THEREFORE, BE IT HEREBY RESOLVED, that the Board of Directors of WCCTC hereby resolve to adopt as Final the revised Final Draft Richmond Parkway Transportation Plan; and

BE IT FURTHER RESOLVED, that the WCCTC Board hereby directs the Executive Director to pursue funding opportunities to implement the adopted plan.

The foregoing Resolution was adopted by the WCCTC Board at a regular meeting on February 28, 2025 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

By: _____
Cameron Sasai, Chair
Attest:

John Nemeth, Executive Director

Approved as to Form:

Kristopher J. Kokotaylo, General Counsel

3151799.1

**WEST CONTRA COSTA TRANSPORTATION ADVISORY COMMITTEE
(dba WEST CONTRA COSTA TRANSPORTATION COMMISSION)
RESOLUTION 2025-02**

**SUPPORTING AND ADVOCATING FOR SECURING COUNTY-LEVEL
MEASURES, REGIONAL, AND STATE FUNDING FOR THE ON-GOING
MAINTENANCE OF THE RICHMOND PARKWAY**

WHEREAS, Richmond Parkway (originally known as the Richmond Bypass) is a major arterial road connecting Interstate 580 and Interstate 80 through Richmond, California and parts of unincorporated Contra Costa County

WHEREAS, the Richmond Parkway allows drivers traveling between Marin County (to the west) and Solano County (to the north) to bypass central Richmond and portions of unincorporated Contra Costa County;

WHEREAS, the Richmond Parkway is currently owned and maintained under the jurisdictions of both the City of Richmond and Contra Costa County (in North Richmond);

WHEREAS, the original proposal for the Richmond Parkway came from a state proposal for State Route (SR) 93 in the early 1980s;

WHEREAS, Caltrans planned SR 93 to connect I-80 and I-580 along a route known as the Richmond Bypass with the intent of diverting traffic from local streets;

WHEREAS, when the state did not implement the plan, local and County officials assembled \$200 million in state and local funds to construct a road largely following the same route as proposed Route 93;

WHEREAS, Contra Costa County Measure C, a half-cent sales tax measure, approved by voters in 1988, included the Richmond Parkway as a marquee project.

WHEREAS, funding from the Richmond Parkway came from a variety of regional sources (only 14.6% of the funding was from local sources) including STIP (\$4.7 Million), Regional Measure 1 (\$58.5 Million), Measure C (\$87 Million), Local (\$28.4 Million), SLTPP (\$12.4 Million) and Federal (\$2.3 Million);

WHEREAS, the City of Richmond oversaw construction of the 9 miles of the Richmond Parkway with the Castro Street connection in the 1990s, largely following the same route as SR 93, Caltrans provided design and construction oversight, and the CCTA assisted with coordination between Caltrans and the local jurisdictions;

WHEREAS, according to a 2008 study prepared for the CCTA and the City of Richmond, the Richmond Parkway was designed and constructed to state urban arterial standards with exceptions at select locations with physical constraints;

WHEREAS, according to the 2008 study, the Parkway with Castro Street is 9 miles of divided highway including 18 traffic signal systems, four grade separations, a 2,200-ft long viaduct, two pump stations, twelve acres of landscaping, approximately 400 drainage structures and 500 streetlights;

WHEREAS, according to the 2008 study, the cost to upgrade the entire Parkway to state expressway standards, such that Caltrans might accept responsibility for the roadway, was anticipated to cost \$262 million in 2007 dollars and yet exceptions to the mandatory design standards for structures would still be required;

WHEREAS, the Richmond Parkway is a critical regional roadway that supports the national, state, regional and local economies via the Port of Richmond (third largest in tonnage in California), two-transcontinental railroad lines (including the BNSF Rail Yard), the Chevron Refinery and multiple distribution centers (UPS, Amazon);

WHEREAS, the City and the County anticipate future developments along the Richmond Parkway corridor, including over 1.2 million square feet of manufacturing and warehouse space and 537,000 square feet of office space;

WHEREAS, due to the plethora of regional-serving industrial, warehousing, manufacturing, transferring, distributing, waste disposal and recycling yard uses located along or near the corridor, the Richmond Parkway experiences a significantly greater mix of heavy vehicles and trucks (5-13%) than a typical arterial (2-4%);

WHEREAS, the Richmond Parkway is adjacent to, or parallels, 4.2 miles of the San Francisco Bay Trail and links Pt. Pinole Regional Shoreline and Park, Wildcat Marsh Staging Area and Creek Trail, and Hilltop Lake Park;

WHEREAS, over thirty years since its opening, the Richmond Parkway is exhibiting signs of aging infrastructure;

WHEREAS, for the last thirty years, Contra Costa County and the City of Richmond have been solely responsible for funding and implementing the maintenance of this critical link in the nation's, state's, and county's transportation network;

WHEREAS, local and regional sources of pollution, noise, and increasing threat from climate change hazards affect public health and environmental quality for communities along the corridor;

WHEREAS, MTC has designated significant portions of neighborhoods along the Richmond Parkway corridor as Equity Priority Communities and the USDOT designated substantial portions of the area as a Historically Disadvantaged Community;

WHEREAS, CalEnviroScreen designates all of the corridor as having a Pollution Burden of at least 51-75% with over half of the corridor having a Pollution Burden of greater than 75%;

WHEREAS, according to CalEnviroScreen the asthma rate along the corridor is between 91-95+ percent, with the Iron Triangle and North Richmond communities having a rate greater than 98 percent of other census tracts statewide;

WHEREAS, the CCTA has designated the Richmond Parkway as part of its All Modes High Injury Network as the Parkway sees higher concentrations of Killed and Severely Injured (KSI) collisions compared to other roadways of the County;

WHEREAS, the West Contra Costa Transportation Commission (WCCTC) and its project partners, the City of Richmond and Contra Costa County, undertook extensive public outreach and technical analysis to develop the Draft and Final Draft of the Richmond Parkway Transportation Plan which synthesized the corridors issues regarding maintenance;

WHEREAS, the WCCTC Board of Directors guided the development and reviewed the Draft and Final Draft of the Richmond Parkway Transportation Plan;

WHEREAS, the WCCTC Board of Directors accepted the Final Draft Plan of the Richmond Parkway Transportation Plan at its February 28, 2025 meeting; and

WHEREAS, the Richmond Parkway Transportation Plan identifies twenty-seven (27) strategies, including ten (10) priority strategies, that WCCTC wishes to support implementation of in coordination with project partners;

WHEREAS, the strategies will require funding beyond that which can be reasonably provided by the City of Richmond and Contra Costa County; and

WHEREAS, the Richmond Parkway is a designated CCTA Route of Regional Significance and funded by the CCTA, MTC, and the State of California to serve the greater region;

NOW THEREFORE, BE IT HEREBY RESOLVED, that the Board of Directors of WCCTC hereby resolve to prioritize the securing of regional funding for the maintenance of the Richmond Parkway to supplement the City of Richmond's and Contra Costa County's current maintenance funding as the roadway is of critical importance to the national, state, regional, and local economies;

BE IT FURTHER RESOLVED, that the WCCTC Board hereby agrees to pursue funding opportunities to implement the adopted plan and secure on-going maintenance funds for the Richmond Parkway;

BE IT FURTHER RESOLVED, that the WCCTC Board hereby directs the Executive Director to pursue funding opportunities to secure on-going maintenance funds for the Richmond Parkway, and

BE IT FURTHER RESOLVED, that the WCCTC Board requests that the CCTA and MTC assist with seeking and securing funding sufficient to maintain the Richmond Parkway so it

may continue to serve as a critical economic generator for Contra Costa County, the San Francisco Bay Area, the State of California and the United States of America.

The foregoing Resolution was adopted by the WCCTC Board at a regular meeting on February 28, 2025, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____

Cameron Sasai, Chair

Attest:

John Nemeth, Executive Director

Approved as to Form:

Kristopher J. Kokotaylo, General Counsel

3151799.1

RICHMOND PARKWAY Transportation Plan

Study funded by Caltrans Sustainable Communities Grant



REVISED FINAL DRAFT
FEBRUARY 2025

ACKNOWLEDGEMENTS

Study funded by Caltrans Sustainable Communities Grant #74A1366

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Intersection with wide turn radius at Richmond Parkway and Lakeside Drive.

CHAPTER 1

Introduction

ABOUT THIS PLAN

THE RICHMOND PARKWAY TRANSPORTATION PLAN (“PLAN”) DEVELOPS A STRATEGIC VISION FOR THE FUTURE OF THIS MAJOR MULTI-JURISDICTIONAL ROADWAY BETWEEN I-580 AND I-80, EXTENDING TO FITZGERALD AVENUE.

The focus of the plan is a set of targeted strategies for WCCTC and partner agencies to advance in the next 10 years. The strategies were developed in close collaboration with project partners, technical advisors, and members of the public and are responsive to both the Plan-identified transportation needs (summarized in **Chapter 2**) and feedback received via public engagement (summarized in **Chapter 3**). The strategies (summarized in **Chapter 4**) are projects, programs, and policies that collectively aim to address the following six goals of the Plan:

Plan Goals



IMPROVE SAFETY FOR ALL USERS



ADVANCE PLACEMAKING



INCREASE ACCESS TO KEY DESTINATIONS



ENHANCE TRAVEL TIME RELIABILITY AND EFFICIENCY



IMPROVE HEALTH



SUPPORT FEASIBLE STRATEGIES



Of the full list of strategies, ten are considered priority strategies for WCCTC and partner agencies to implement. These priority strategies best align with the Plan goals and reflect engagement participant preferences. The priority strategies are described in **Chapter 5**, including the lead implementation agency, goals alignment, benefits, and graphics of the top strategies. **Chapter 6** introduces the implementation time frame and funding sources for the priority strategies.

History of Richmond Parkway

The Richmond Parkway was completed in the 1990s to serve as a regional arterial route. However, the facility has not been adopted into the State Highway System. Based on a study completed by CCTA in 2008, it would cost between \$140M and \$400M (2024\$) to upgrade the corridor to Caltrans standards and transfer ownership to the state.

Figure 1 shows the project timeline, which spanned nearly two years between March 2023 and January 2025.

Figure 1: Plan Timeline

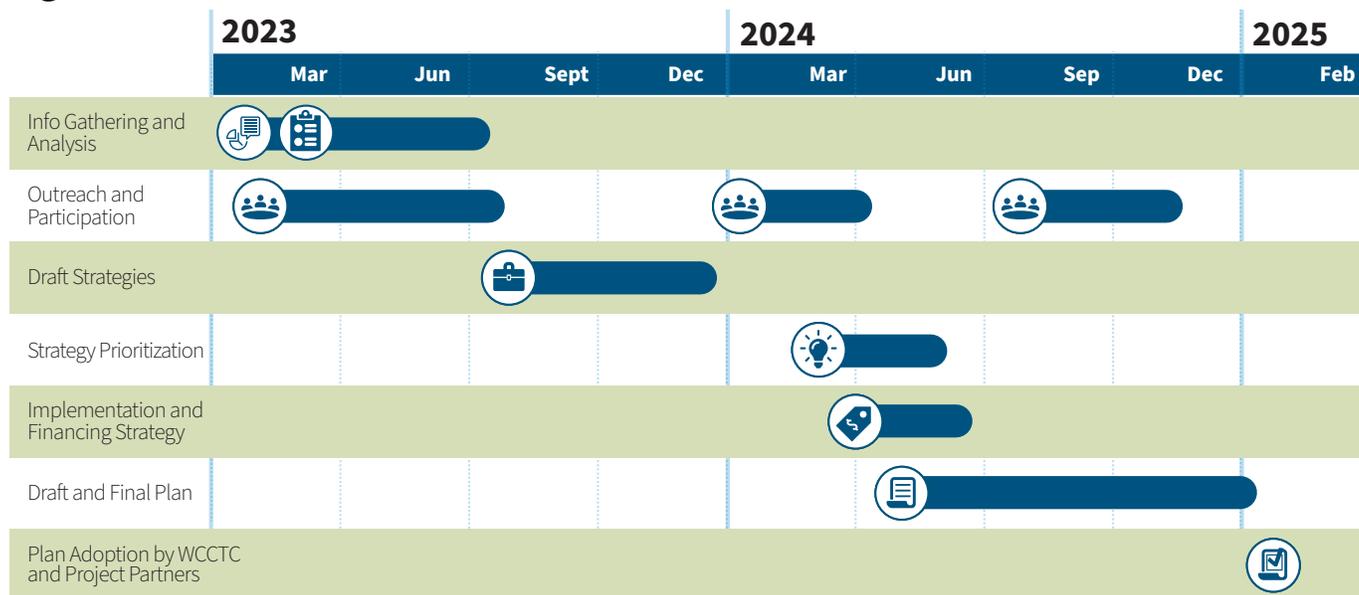


Photo: Bicyclists crossing the wide intersection at Richmond Parkway and W Ohio Avenue.

THE STUDY AREA

Richmond Parkway is a major road linking I-80 and I-580 and a primary route connecting to the the Richmond-San Rafael Bridge. The Parkway is located in both the City of Richmond and unincorporated Contra Costa County (North Richmond), as shown in **Figure 2**. Combined with Castro Street, a parallel roadway at the southern end of the corridor, the study corridor is approximately nine miles in length. At the northeastern end in the City of Pinole, Richmond Parkway becomes Fitzgerald Avenue.

It serves many functions of regional and local importance: a goods movement (truck and rail) corridor connecting to the Port of Richmond and local industrial uses, a regional commuter corridor, a critical segment of the San Francisco Bay Trail—a 500-mile long regional walking and biking path network looping around San Francisco Bay—and a connector to the Richmond Parkway Transit Center served by AC Transit and WestCAT.

Richmond Parkway and Castro Street travel through the City of Richmond and unincorporated Contra Costa County for

9 MILES.

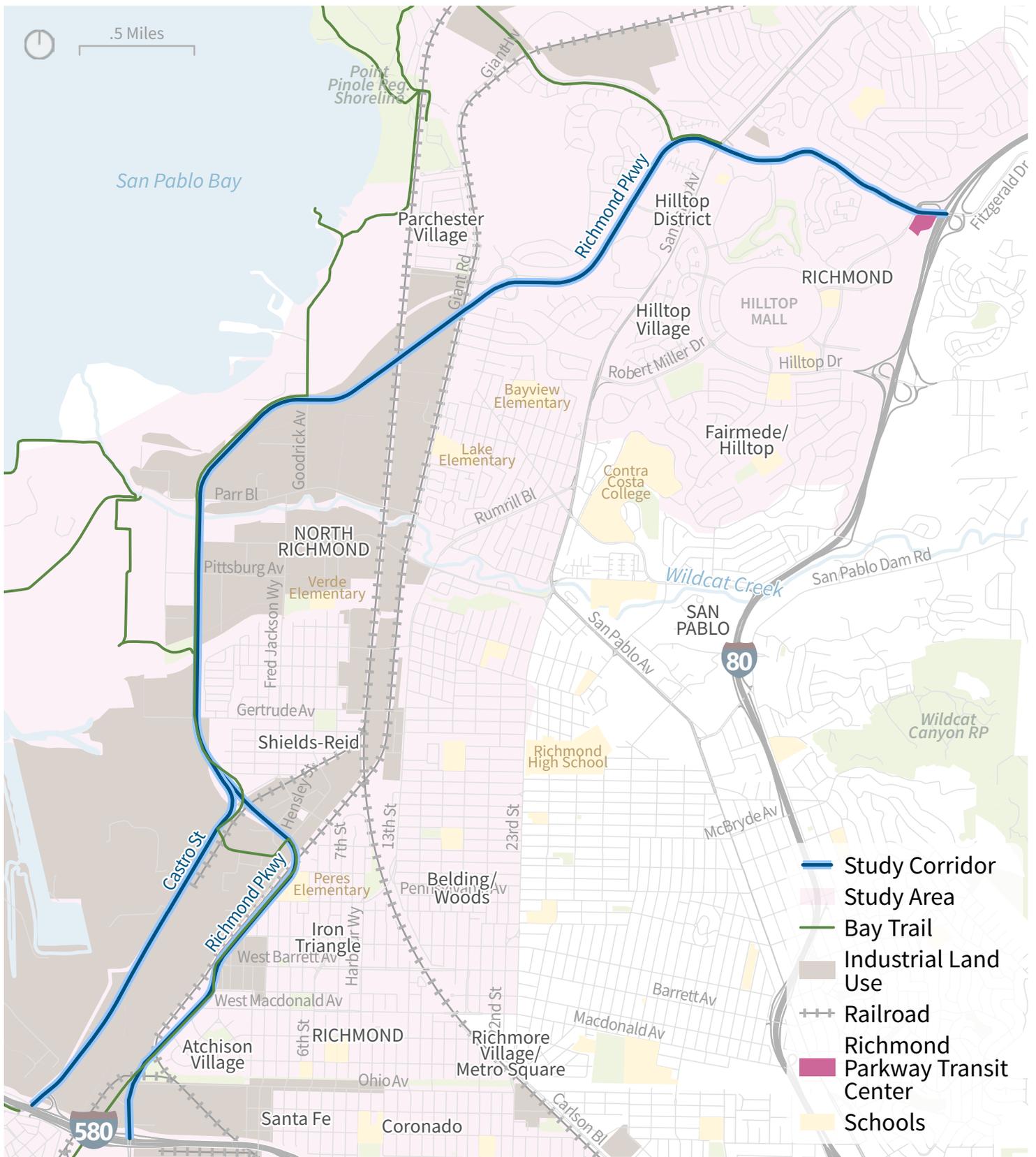
A third of the corridor is adjacent to the Bay Trail.

Richmond Parkway intersects Wildcat Creek and is adjacent to several nearby schools and parks, including Point Pinole Regional Park. As shown in **Figure 3**, industrial land uses line most of the corridor, particularly along Castro Street and along the Parkway in North Richmond. The Parkway also serves residential areas in Atchison Village, Iron Triangle, North Richmond, and nearby Hilltop. As new industrial and residential growth continues along the Parkway, this Plan presents an opportunity to design for better corridor access and mobility before existing challenges are exacerbated.

Figure 2: Jurisdictions in Study Area



Figure 3: Map of Study Corridor



Source: Fehr & Peers (2023).



1. Community engagement at the North Richmond Earth Day Festival.

2. Cars traveling along the Parkway at Richmond Parkway and San Pablo Ave.

3. Community engagement at the North Richmond Flea Market.



Signage along the Bay Trail at Richmond Parkway and Gertrude Avenue.

CHAPTER 2

Existing Conditions

This chapter introduces how Richmond Parkway is used today and the wide range of existing challenges for all types of users. On average, 25,000 vehicles use the Parkway every day to reach local destinations, including as a connection between I-580 and I-80 and to the Richmond-San Rafael Bridge. Residents living near the corridor are largely Hispanic/Latino with lower incomes and are exposed to the large volumes of traffic, vehicle emissions, pollution, and noise. Despite the availability of the Bay Trail, many sections can feel uncomfortable for pedestrians and bicyclists, particularly when crossing the Parkway. Speeding is a major concern and is the most common collision factor.

CORRIDOR COMMUNITIES

Compared to the Contra Costa County population as a whole, residents living in the study area tend to have higher rates of unemployment and lower education attainment, as seen in **Figure 4**. The majority of residents living near the corridor are Hispanic/Latino, 16% have limited English proficiency, and nearly 38% are below the federal poverty level (US Census, ACS 5-Year Estimates, 2019).

Overall, these groups have less access to opportunities and are at greater risk of displacement (ESA, 2023; Urban

Displacement Project, 2015). Given that people living near the study corridor reflect demographics of historically underserved populations, most census tracts within the study area fall within regionally or federally-defined equity priority areas, including MTC Equity Priority Communities, USDOT Historically Disadvantaged Communities, and USDOT Areas of Persistent Poverty (**Figure 5**). Chapter 3 presents outreach methods for engaging historically marginalized populations during the planning process.

Figure 4: Corridor Population Characteristics

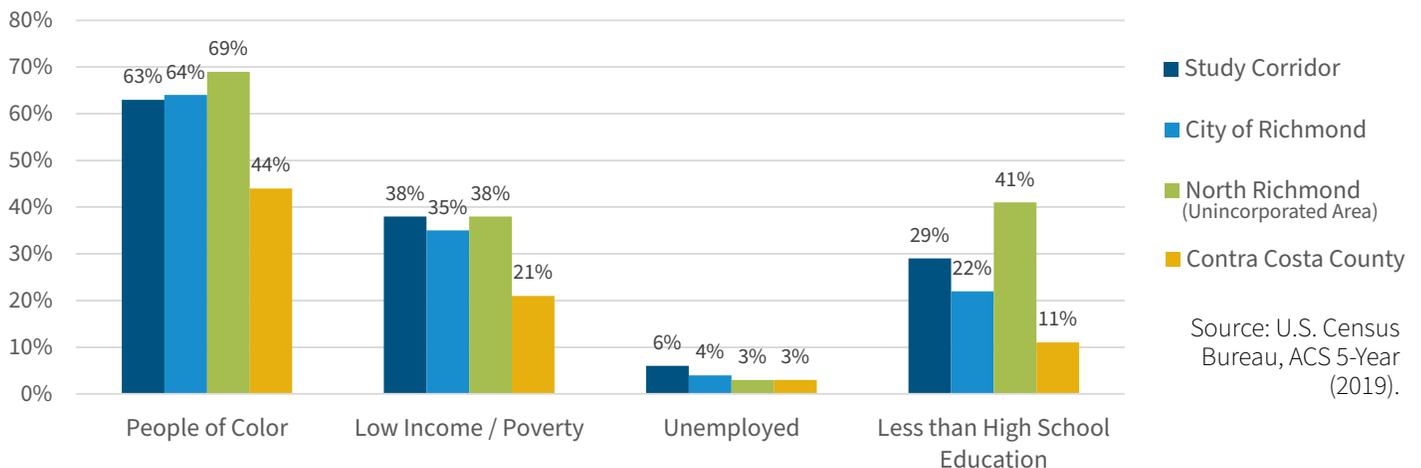
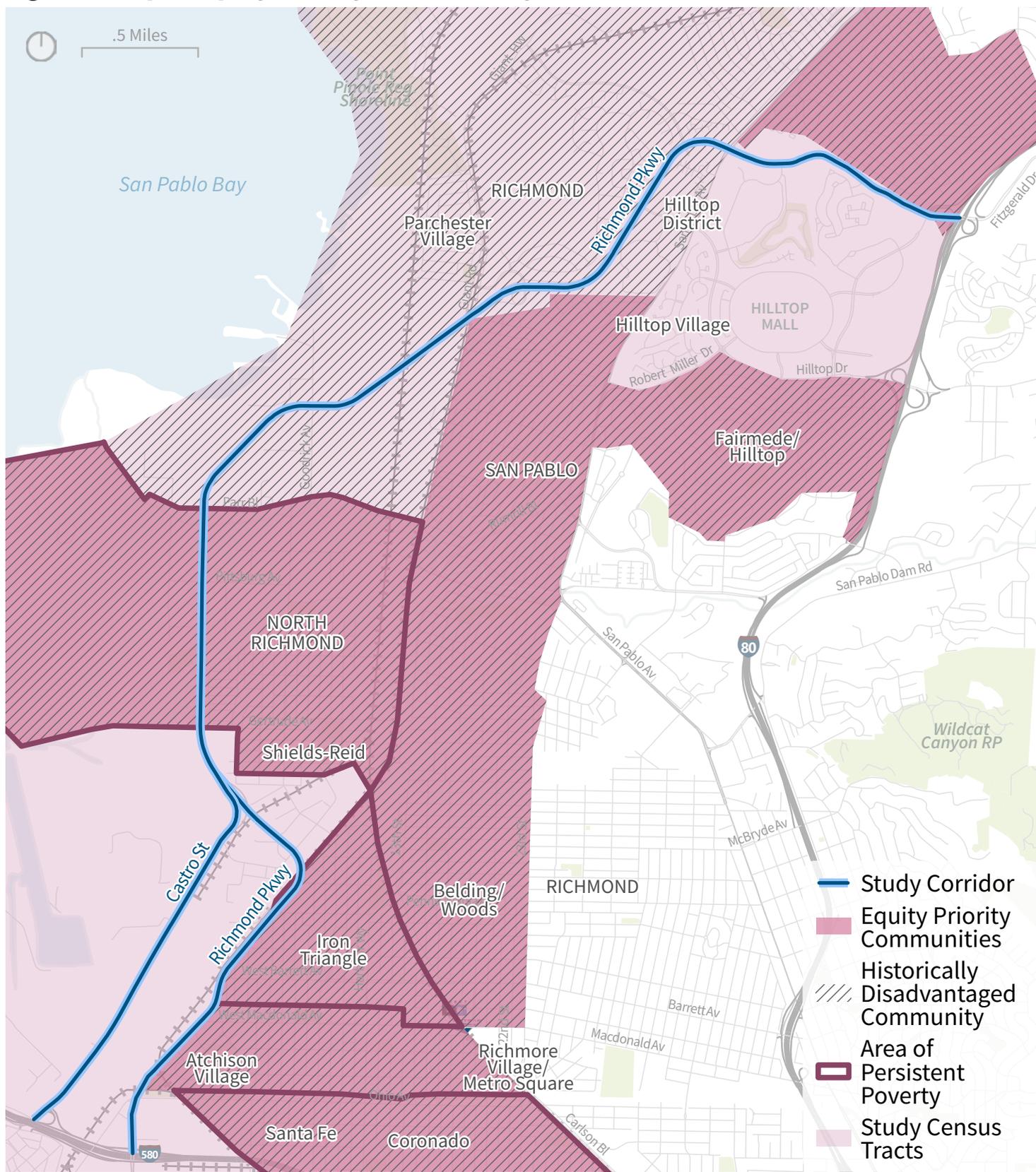


Figure 5: Map of Equity Priority Areas in Study Area



Source: Fehr & Peers (2023); MTC (2018), USDOT (2021).

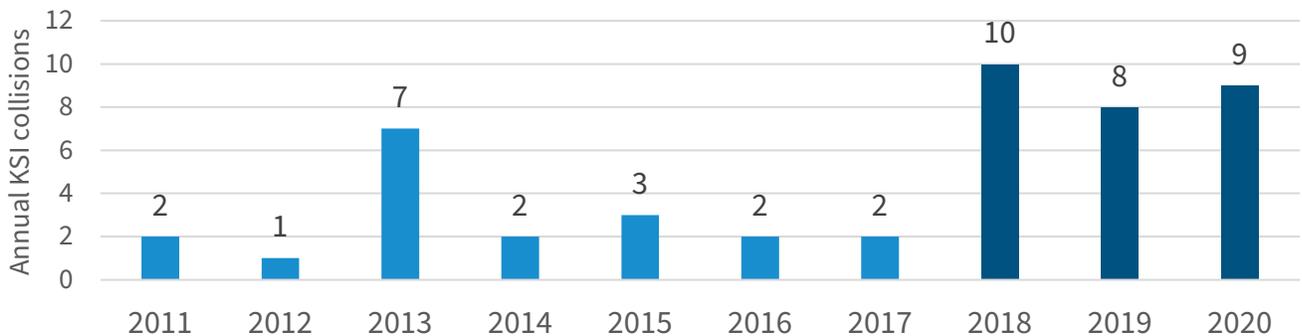
SAFETY FOR ALL ROAD USERS

Collisions on the Parkway

From 2011 to 2020, there were 322 traffic collisions on the corridor that resulted in injury, including 46 Killed and Severe Injury (KSI) collisions. Of these KSI collisions, 21 resulted in a severe injury and 25 resulted in a fatality (Transportation Injury Mapping System (TIMS), 2011-2020). This is an average of 4-5 KSI collisions per year, and collisions are increasing—between 2011 and 2017, there was an average of 3 KSI collisions per year, however, the average jumped to 9 between 2018 and 2020 (**Figure 6**).

There were increases in KSI collisions involving unsafe speeds, traffic signal and sign violations, driving under the influence, and driver violations of the pedestrian right-of-way. Concentrations of collisions occur in areas along the corridor that have higher intersection density, near railroad crossings, and at major arterials where there is more interaction between vehicles and Bay Trail users. Considering these locations for redesign can reduce collisions and are considered in Strategies (**Chapter 4**).

Figure 6: KSI Collisions by Year, 2011-2020



Source: TIMS, 2011 – 2020



Photo: Students crossing the Richmond Parkway and Lakeside Drive intersection next to Make Waves Academy.

Unsafe Speeds

Unsafe speed is the most common primary collision factor making up 45% of all injury collisions and 28% of KSI collisions. The next most common factors in KSI collisions are failure to obey traffic signals and signs (15%) and driver violations of the pedestrian right-of-way (15%).

Although the posted speed limit on the Parkway is typically 45 miles per hour (mph), most of the corridor sees off-peak 85th percentile speeds over 50 miles per hour as shown in **Figure 7** (Wejo, 2019). The maximum observed speeds during this period rise to nearly 100 mph along the elevated segment of the Parkway between North Richmond and Hilltop.

Nighttime Collisions

While only 32% of all injury collisions occurred at night, 52% of all KSI collisions and 75% of pedestrian KSI collisions occurred in dark conditions. Although existing street lights were reported at most of these KSI collision locations, reducing unsafe speeds and improving pedestrian-scale lighting and crosswalk striping could address these types of collisions.

Bicyclists and Pedestrians

KSI collision locations are shown in **Figure 8**. Although bicycle and pedestrian collisions represent only 6% of all injury collisions, they make up 20% of all KSI collisions and 24% of fatal collisions, highlighting the safety disparity for more vulnerable bicyclists and pedestrians along the corridor. Studies show that for vulnerable users, collisions have a higher likelihood of serious injury or death, particularly at high speeds.



45%

of collisions on the Parkway are caused by unsafe speed.



24%

of fatal collisions on the Parkway involved a bicyclist or a pedestrian compared to only 6% of all injury collisions.



Photo: Vehicles on Richmond Parkway crossing San Pablo Avenue.

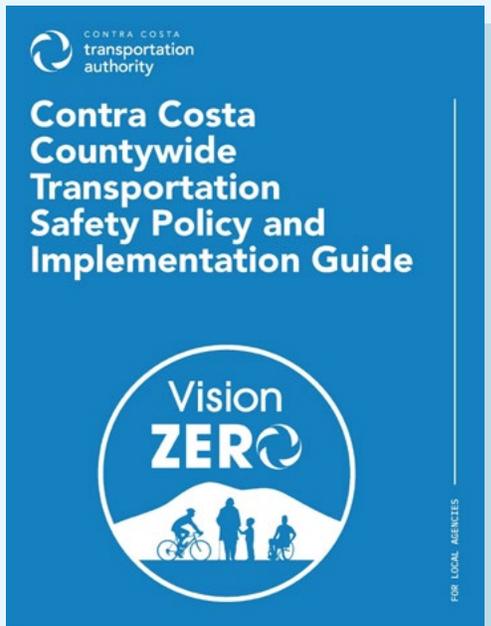
Figure 7: Map of 85th Percentile 7PM-6AM Weekday Speeds



Figure 8: Map of KSI Collisions



Source: TIMS (2011 – 2020).

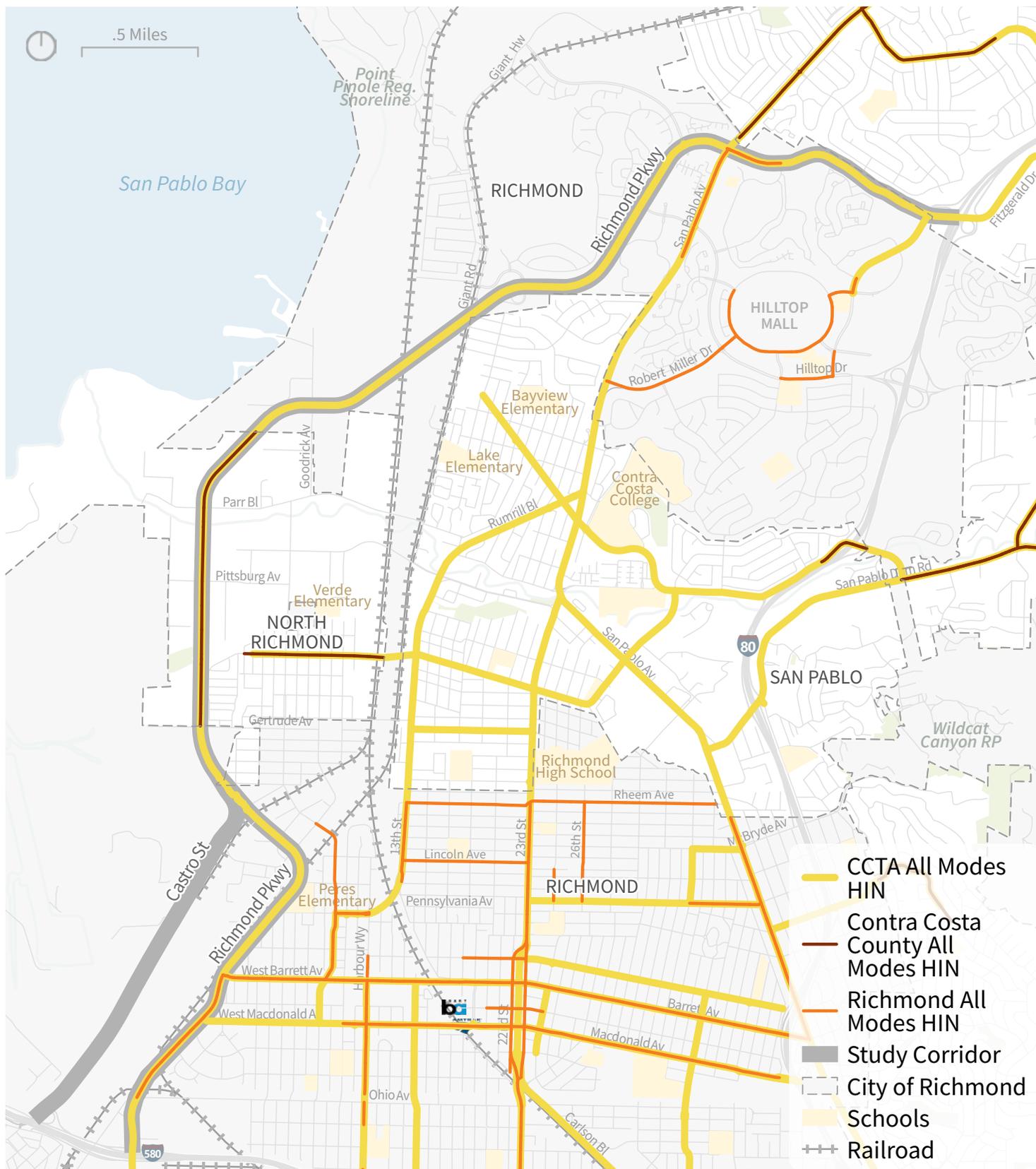


Previous Safety Studies

The Contra Costa Transportation Authority (CCTA) Contra Costa Countywide Transportation Safety Policy and Implementation Guide (2021), Contra Costa County Vision Zero (2022), and City of Richmond Local Roadway Safety Plan (2022) have all identified Richmond Parkway as a corridor on the High-Injury Network (HIN).

This means that Richmond Parkway sees higher concentrations of KSI collisions as compared to other areas of Richmond and Contra Costa County. However, Castro Street is not included on the HIN. **Figure 9** maps the HIN of each agency.

Figure 9: Map of High Injury Networks



Source: Contra Costa Transportation Authority (2021); Contra Costa County (2022); City of Richmond (2022).

BIKING AND WALKING

Poor pavement quality, gaps, proximity to fast-moving traffic, long infrequent pedestrian crossings, and lack of shade, lighting, signage, and vegetation buffers make Richmond Parkway unwelcoming to walk or bike on today. There is a range of opportunities to improve the comfort of people using the Bay Trail, bikeways, sidewalks, and crossings.

The Bay Trail

The Bay Trail is a critical regional path that generally traverses the Parkway’s west side from the southern end to Goodrick Avenue in North Richmond. The Bay Trail is on the east side of the corridor between Hensley Street and Gertrude Avenue, and the City of Richmond has proposed to realign this section to the west side for better connectivity. While the Bay Trail connects users to destinations like Point Pinole, Point Richmond, and beyond, there are few crossing locations and they lack basic safety enhancements. Many

parts of the Bay Trail along the study corridor are in need of repair, with cracked and uneven pavement and overgrown landscaping. Regular maintenance to remove trash and vegetative overgrowth to improve user experience is needed. The Bay Trail also has limited lighting, wayfinding signage, and shade, and a narrow or nonexistent buffer from fast-moving traffic on the Parkway. The Bay Trail also connects to Wildcat Creek Trail, which crosses beneath the Parkway and floods several times throughout the year.

Biking and Walking Experience along the Parkway



Poor Bay Trail pavement quality



Limited shade in hot conditions



Lack of trail lighting



No signage indicating shared-use path



Trail gaps force people onto high-stress routes like Hensley Street



Inconsistent buffer between bike trail and roadway

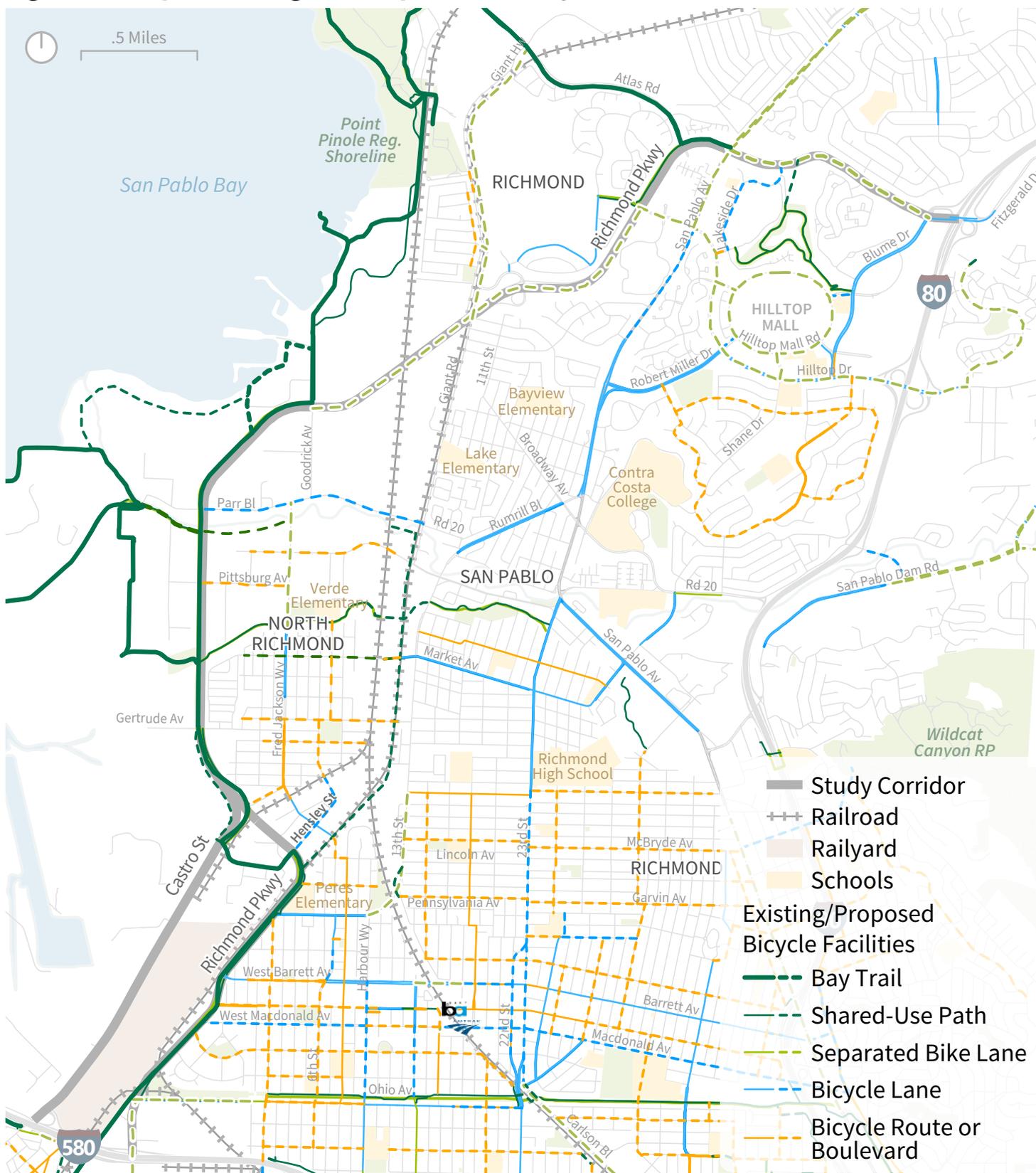


Small buffer between sidewalk and fast traffic



Missing sidewalks near more active land uses

Figure 10: Map of Existing and Proposed Bikeways



Source: Fehr & Peers (2023); Richmond BPAP (2023); Contra Costa County ATP (2022); CCTA Countywide Bicycle and Pedestrian Plan (2018)

Closing the Gaps

There are also several gaps in the bikeway and walkway infrastructure on the corridor. **Figure 10** (previous page) identifies the existing and proposed bikeways. There are currently about three miles of bikeway gaps along the Parkway where there are no plans for the Bay Trail and no bicycle facilities exist. Though there are no active fronting land uses consistently across

the corridor, there are 2.6 miles of sidewalk gaps on the west side of the corridor and 3.4 miles on the east side.

Safety at Intersections

Most intersections are large in size with curb radii that enable turns at high speeds and make for long pedestrian and bicycle crossing distances.

About 70% of the signalized intersections do not have bicycle detection and 65% are missing pedestrian countdown timers, leaving pedestrians unsure of how much time is left to safely cross the street. Both bicycle detection and pedestrian countdown timers are state requirements per the California Manual on Uniform Traffic Control Devices (MUTCD).

These gaps in pedestrian and bikeway infrastructure along the corridor are critical to address given safety and speeding concerns along the corridor.



miles of new bikeways are needed.



of intersections along the Parkway are missing pedestrian countdown signals.

Example Safety Improvement Needs



Bent crosswalks



Corner sight distance issues



ADA non-compliant ramps



Outdated push buttons



Faded markings



High vehicle turn speeds

DRIVING AND GOODS MOVEMENT

Richmond Parkway is a major road linking I-80 and I-580 and serves industrial truck traffic, regional commuters, and local trips. The Parkway carries between 19,000 and 37,000 vehicles every weekday, 7% of which are trucks. Truck volumes are highest along the southern section of Richmond Parkway and Castro Street, ranging between 5%-13% of total daily vehicle volumes. Truck volumes on San Pablo Avenue in Contra Costa County, a comparable arterial, range only between 2%-3% of total daily volumes (Caltrans, 2022). Many of these vehicle and truck trips serve regional destinations along the corridor, such as the Contra Costa Landfill, UPS and Amazon distribution centers, Whole Foods Market Food Distribution Center, and the Chevron Refinery.

Speeds and Signals

Along most of the corridor, signals are not coordinated. This negatively impacts air quality and does not optimize vehicle flow. Slowdowns are worst in the northbound

direction in the afternoon commute period with average speeds around 30 mph as shown in **Figure 11** (Wejo, 2019). The slowest segment is north of the Castro Street and Richmond Parkway merge where speeds are less than 25 mph for nearly a mile. To keep traffic moving, green times along the Parkway can be 30 seconds longer compared to other signals in Richmond, which results in more delay for all users entering or crossing the Parkway. Travel times are expected to double in the future, given planned and anticipated growth along the corridor. On average, traffic volumes are expected to grow about 50%-60% by 2040.

Up to

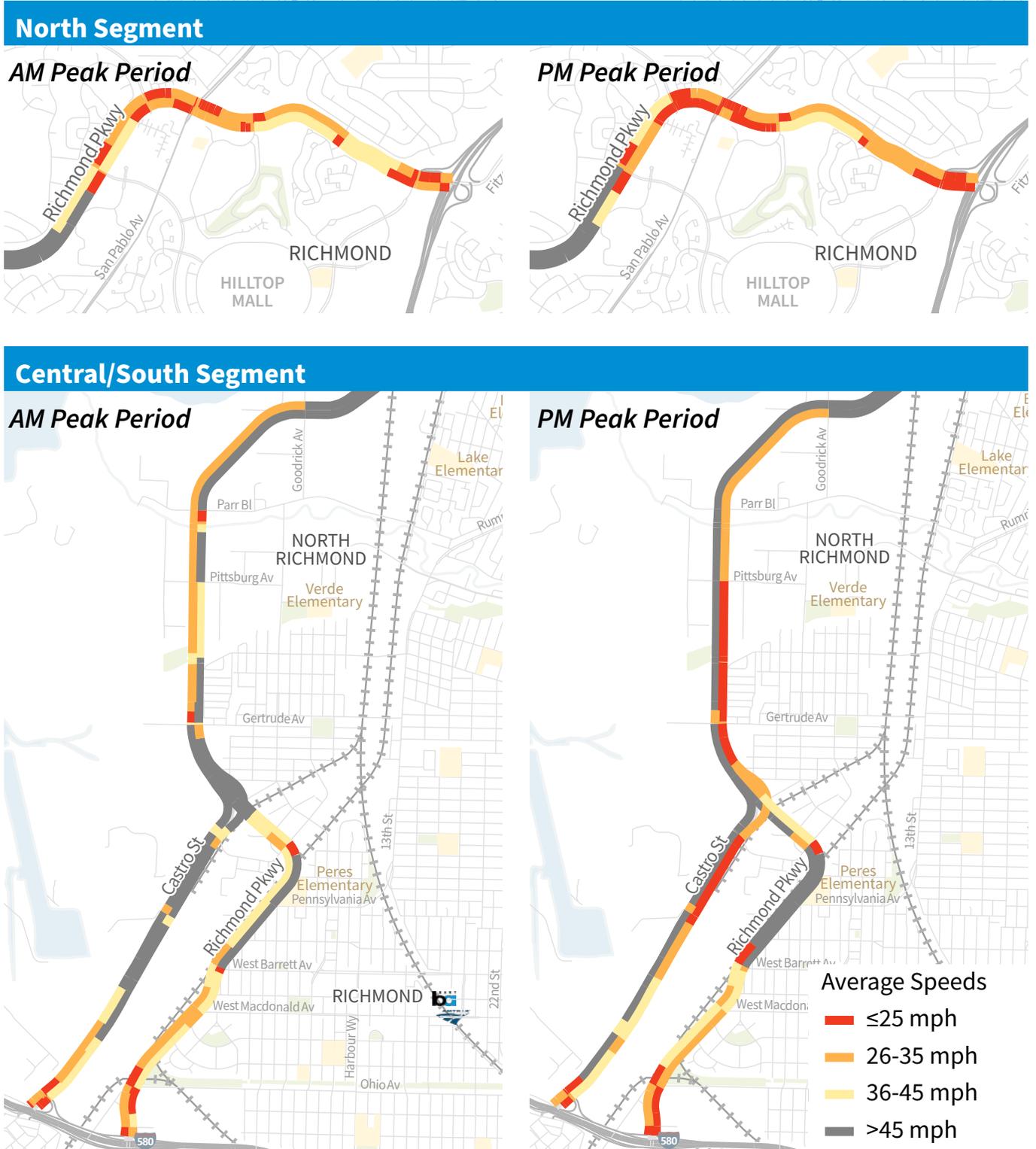
 **37,000**
vehicles take the Parkway on weekdays.

 **7%**
of vehicles are trucks.



Photo: Congestion causing queue spillover at San Pablo Avenue and and Richmond Parkway.

Figure 11: Map of Slowdowns During 7-9AM and 4-6PM Peak Periods



Travel Patterns

Drivers typically use the Parkway for trips that start or end in the study area rather than as a freeway-to-freeway connector. In the afternoon peak period, less than a third of northbound car drivers travel from the I-580 interchange and get onto I-80 (Streetlight, 2022). This pattern is similar for daily truck trips.

Over 60% of trucks getting onto the Parkway from I-80 or I-580 travel to destinations along the corridor. These destinations are often sources of regional economic activity and services, and include the aforementioned distribution centers, landfill and recycling yards,

hazardous waste disposal plants, water reclaim plants, and more. For northbound trucks that stop along the corridor, the most popular destinations are in North Richmond via Parr Boulevard, Pittsburg Avenue, and Hensley Street, as shown in **Figure 12**. Southbound truck trips are more dispersed, with 21% continuing on to the Port of Richmond as shown in **Figure 13**.

Over

 **50%**

of northbound trucks turn off the Parkway into North Richmond, most of which use Hensley Street.

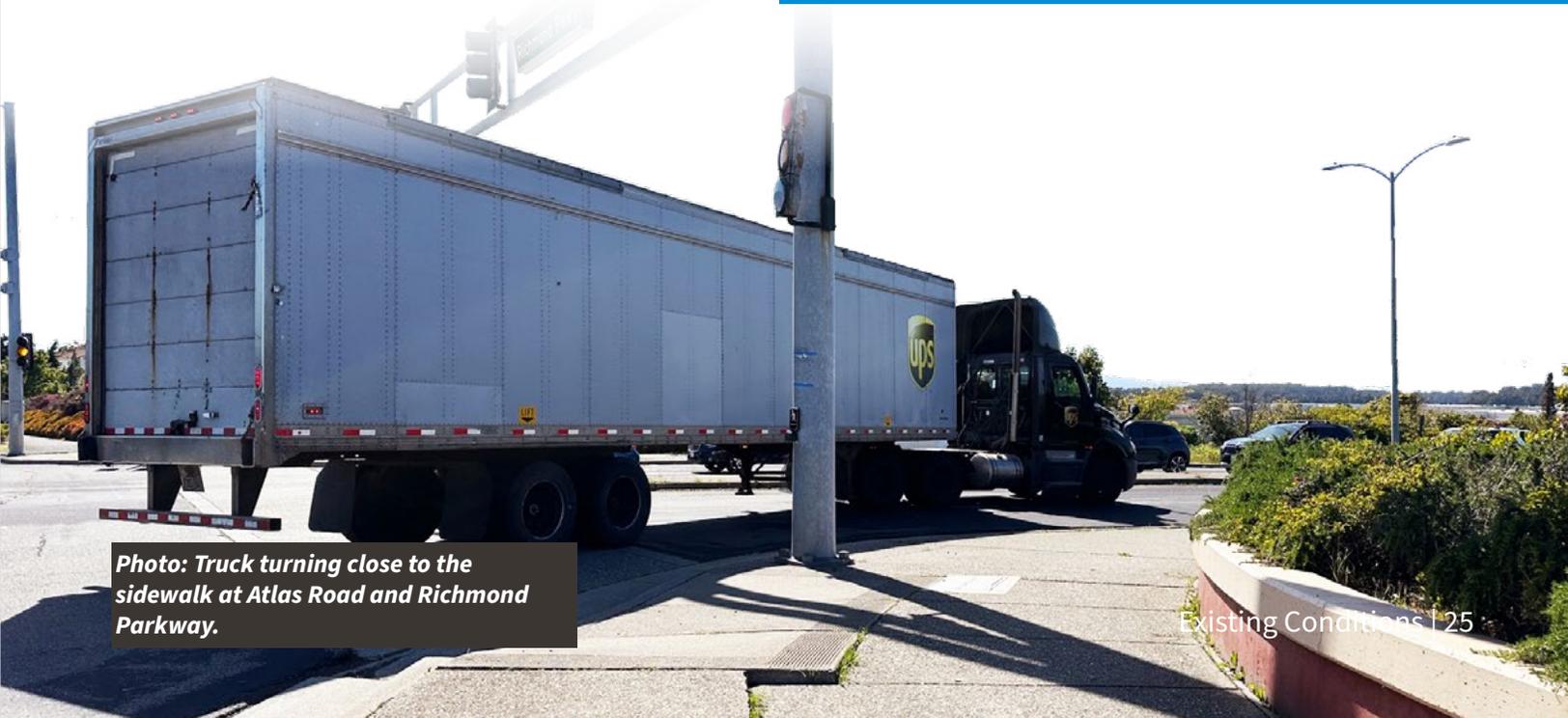


Photo: Truck turning close to the sidewalk at Atlas Road and Richmond Parkway.

Figure 12: Map of Northbound Daily Truck Distribution

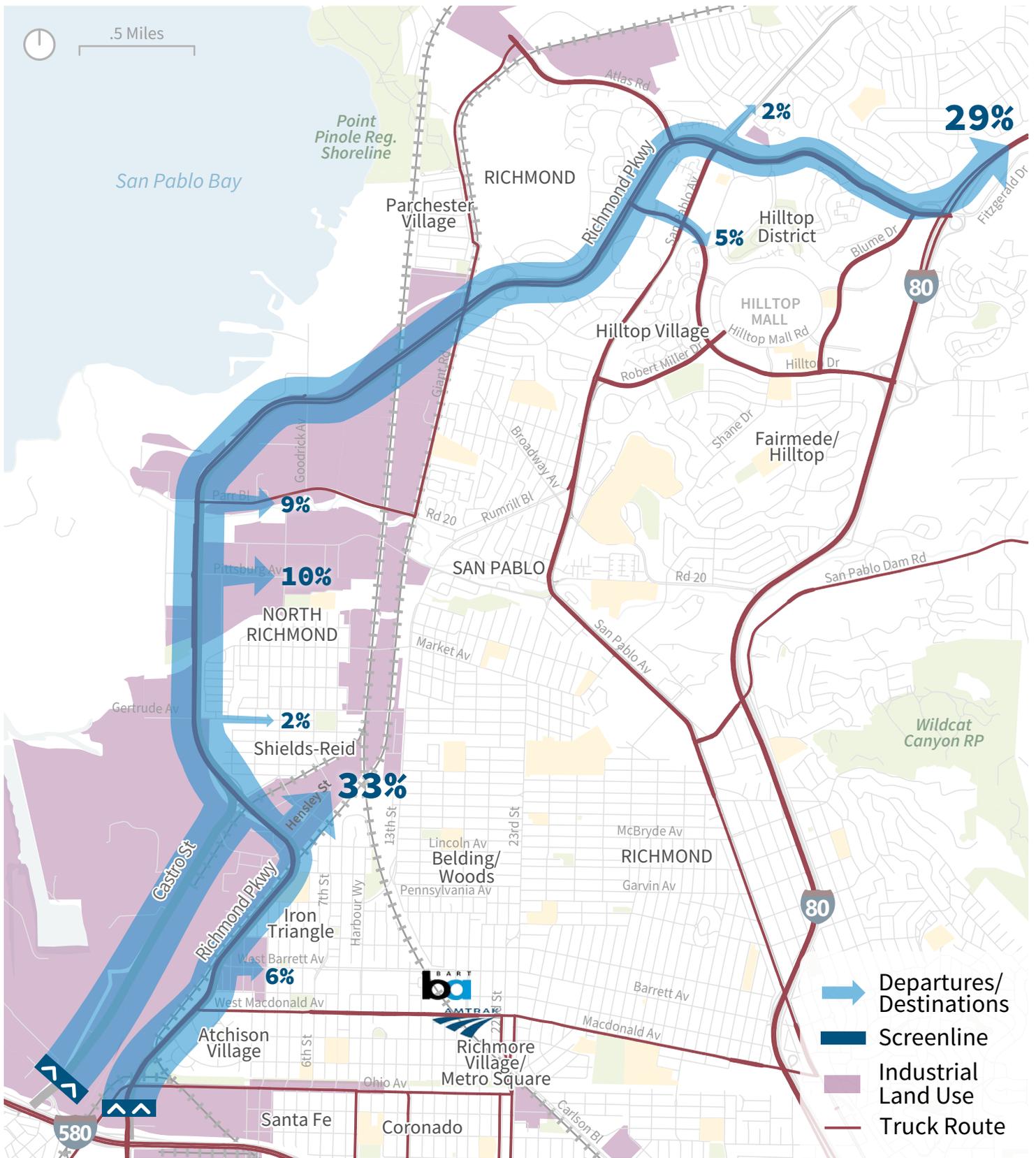
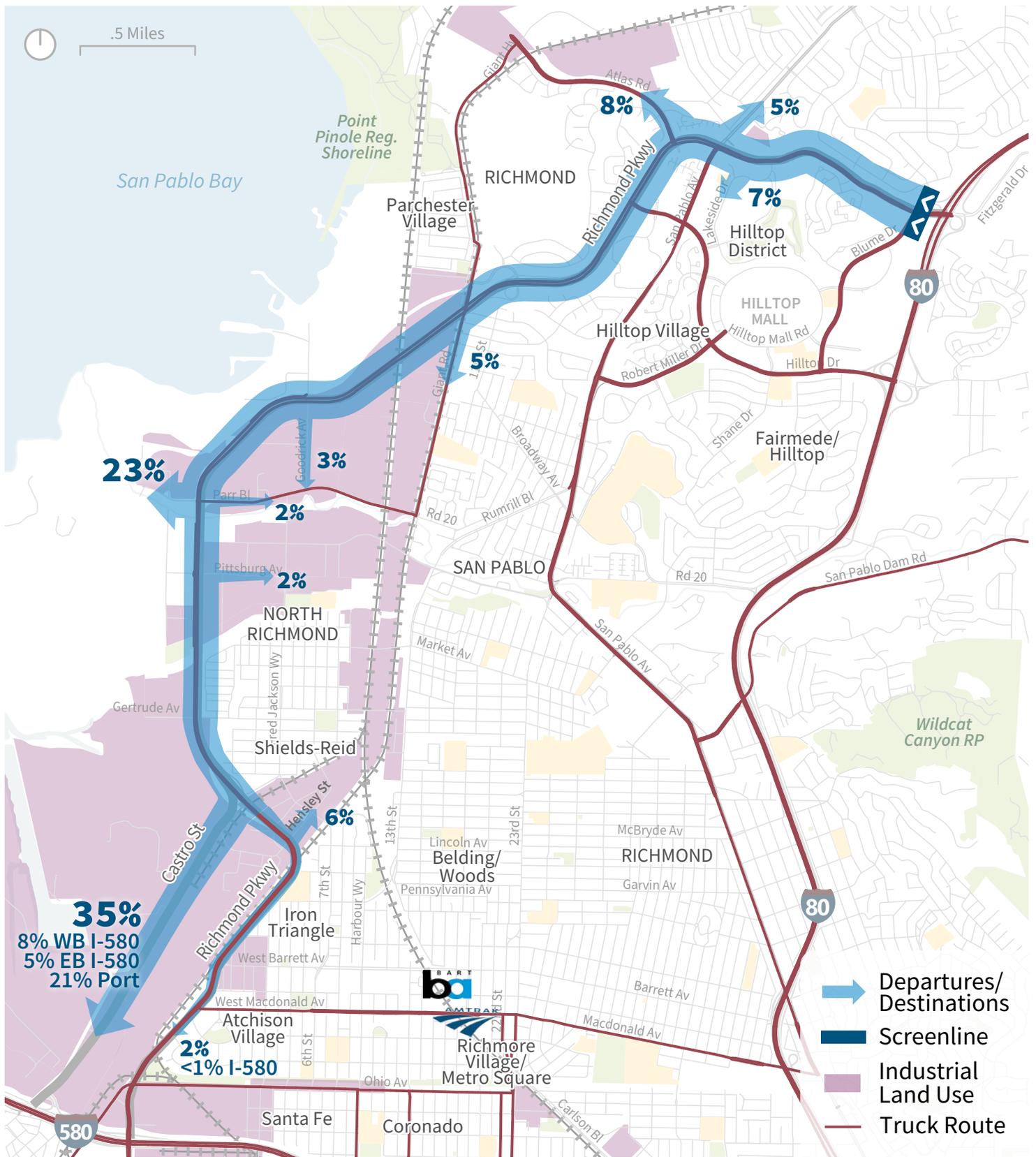


Figure 13: Map of Southbound Daily Truck Distribution



Source: Streetlight (2022).

PUBLIC HEALTH

Local and regional sources of pollution, noise, and increasing threat from climate change hazards affect public health and environmental quality for communities along the corridor.

Pollution

Diesel particulate matter (diesel PM), is a carcinogenic air contaminant produced by the exhaust of trucks, trains, ships, and equipment with diesel engines. Given the industrial and goods movement uses along Richmond Parkway, diesel PM concentrations near the corridor range from 0.08 to 0.98 tons per year. This is greater than 78% of communities statewide (California Office of Health Hazard Assessment, 2021).

Some census tracts adjacent to Richmond Parkway have diesel particulate matter concentrations higher than



78%

of all census tracts in California.

Climate

Increasing concentrations of greenhouse gas (GHG) emissions are the primary cause of global warming. This change in the earth's climate systems will increase the severity, frequency, and duration of climate hazards, including extreme heat, wildfire, drought, and sea level rise. Forecasts anticipate up to 12 inches of sea level rise by 2050, and 36 inches by 2100, directly affecting the area west of the corridor (Adapting to Rising Tides, Bay Area Sea Level Rise Analysis and Mapping Project, 2017). This would increase flood risk, affecting roadways, property, utilities and critical infrastructure, emergency services, and evacuations.

Vulnerable populations and neighborhoods subject to GHG emissions will be disproportionately affected by climate change, including people of color, children, seniors, individuals with disabilities, and households without access to a vehicle (Contra Costa County Local Hazard Mitigation Plan, 2018; Fehr and Peers, 2023; ESA, 2023). The burden of pollution can be visualized through the CalEnviroScreen tool, as shown in **Figure 14**.

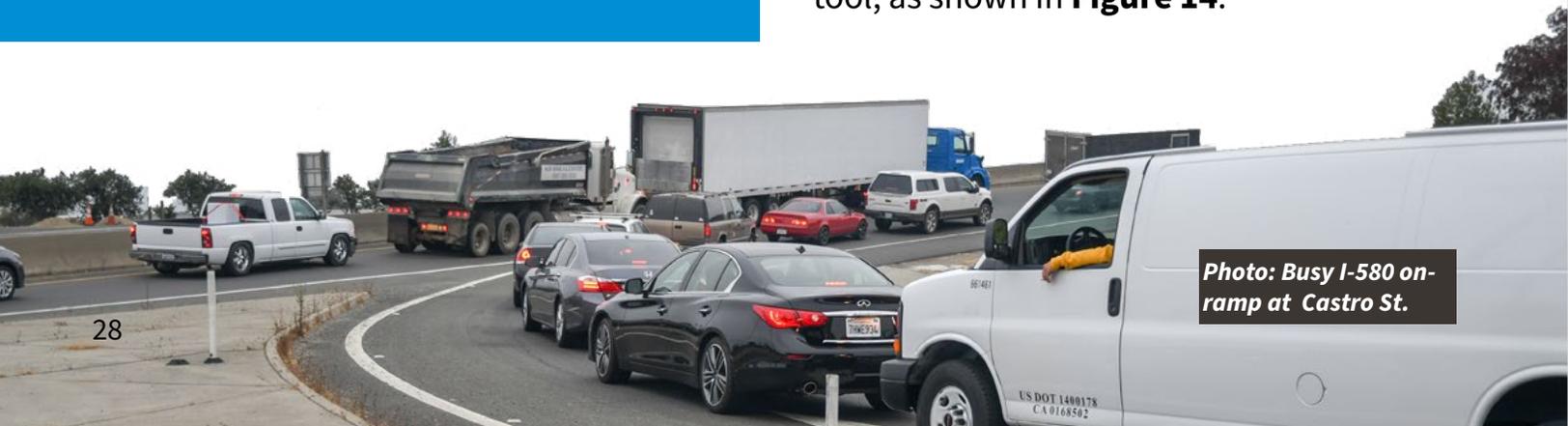
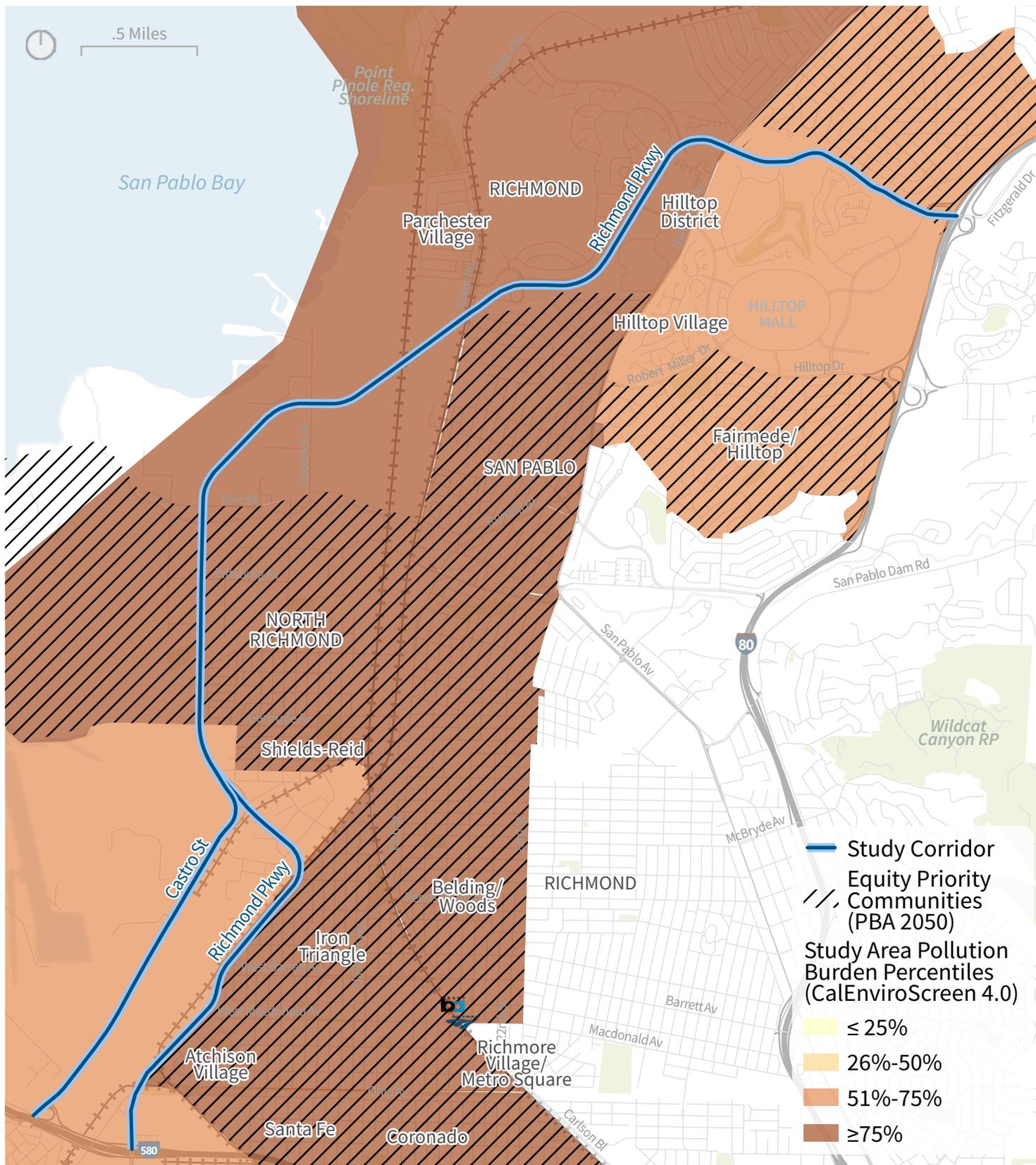


Photo: Busy I-580 on-ramp at Castro St.

Figure 14: Map of Pollution Burden in Study Area



Source: California Office of Environmental Health Hazard Assessment (2021).

Health Impacts

Poor environmental conditions contribute to public health issues, including asthma, cardiovascular disease, cancer, and low birth weight. The highest rates of asthma attacks based on Emergency Room admissions near the corridor are in North Richmond and the Iron Triangle neighborhood.

The asthma rate in Iron Triangle is greater than 99% of other census tracts statewide, and North Richmond's rate is greater than 98% of other census tracts statewide as shown in **Figure 15** (California Office of Environmental Health Hazard Assessment, 2021).

Iron Triangle has an asthma rate higher than

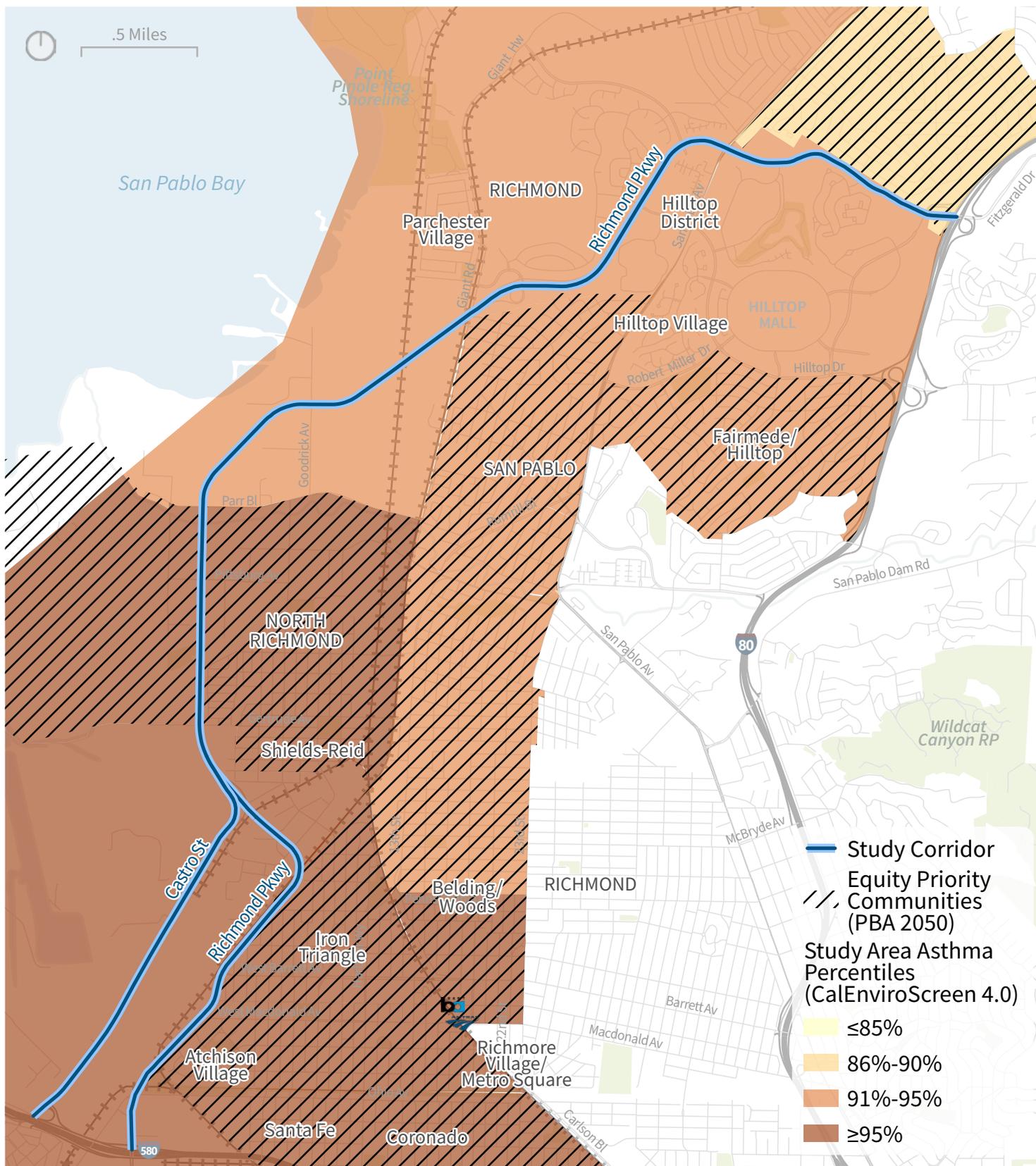
+ 99%

of all census tracts in California.



Photo: Vehicles turning onto the freeway on-ramp at Canal St.

Figure 15: Map of Asthma Rate in Study Area



Source: California Office of Environmental Health Hazard Assessment (2021).

TRANSIT SERVICE

Limited transit service operates on the corridor. Although there are 11 local and regional routes, they only travel on the northern and southern sections of the Parkway, including at the Richmond Parkway Transit Center (RPTC), but none run along the full length of the corridor. Study area routes and community destinations like schools, hospitals, and supermarkets are shown in **Figure 16**. Many transit routes that serve corridor residents run through residential neighborhoods and to community destinations instead of directly on the Parkway, which has fewer active uses.

 **9%**

of households in the study area do not own a car, compared to 5% across Contra Costa County.

Bus Connections

About 28% of total morning peak period trips starting in the study area use the Richmond-San Rafael Bridge in the westbound direction. While there are several bus routes that take riders north and south of Richmond, there is only one route that takes riders across the Richmond-San Rafael Bridge: the Golden Gate Transit 580 Route that stops at Tewksbury Avenue and Castro Street. Today, there are limited connections between the study area and this bus stop via the 607 and 72M. The 607 is a school route with only one run on weekdays, and the 72M only connects residents living in the southern portion of the corridor. Many lines run about every 30 minutes, providing limited service to hospitals, supermarkets, and connections like the Richmond BART station.

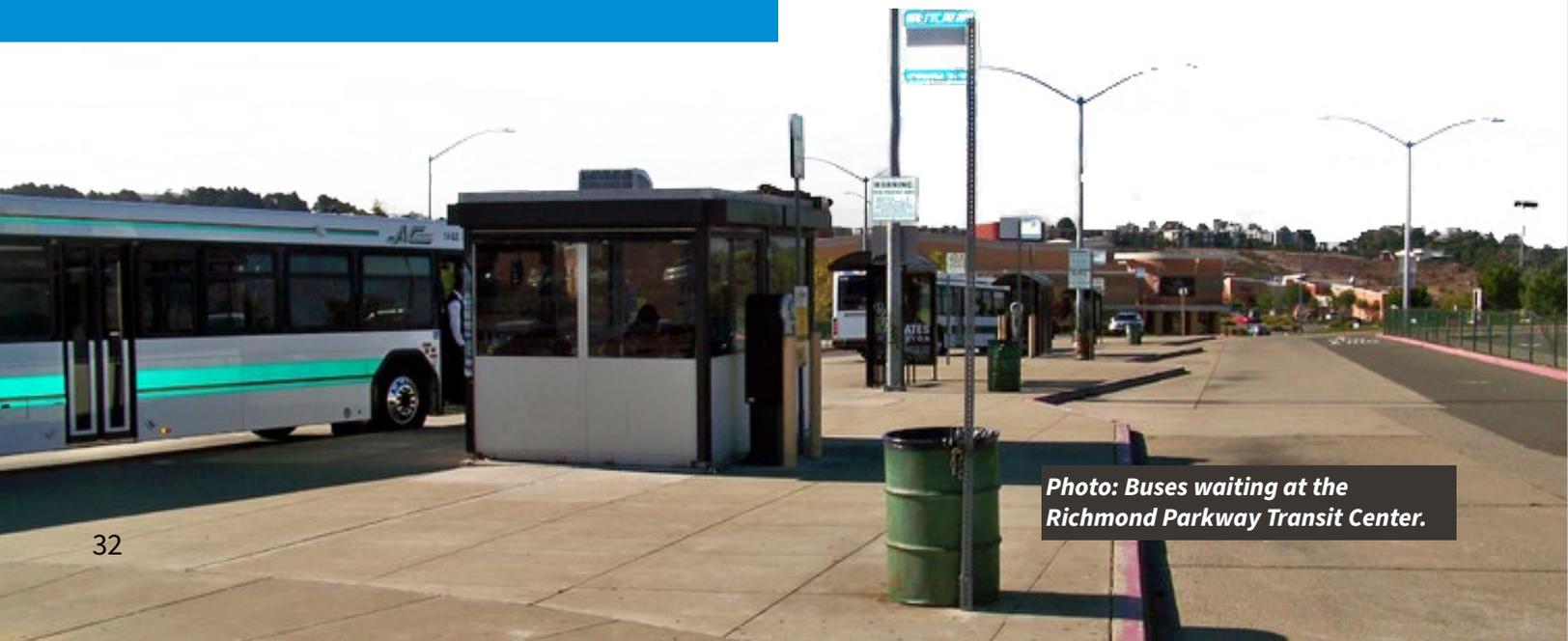
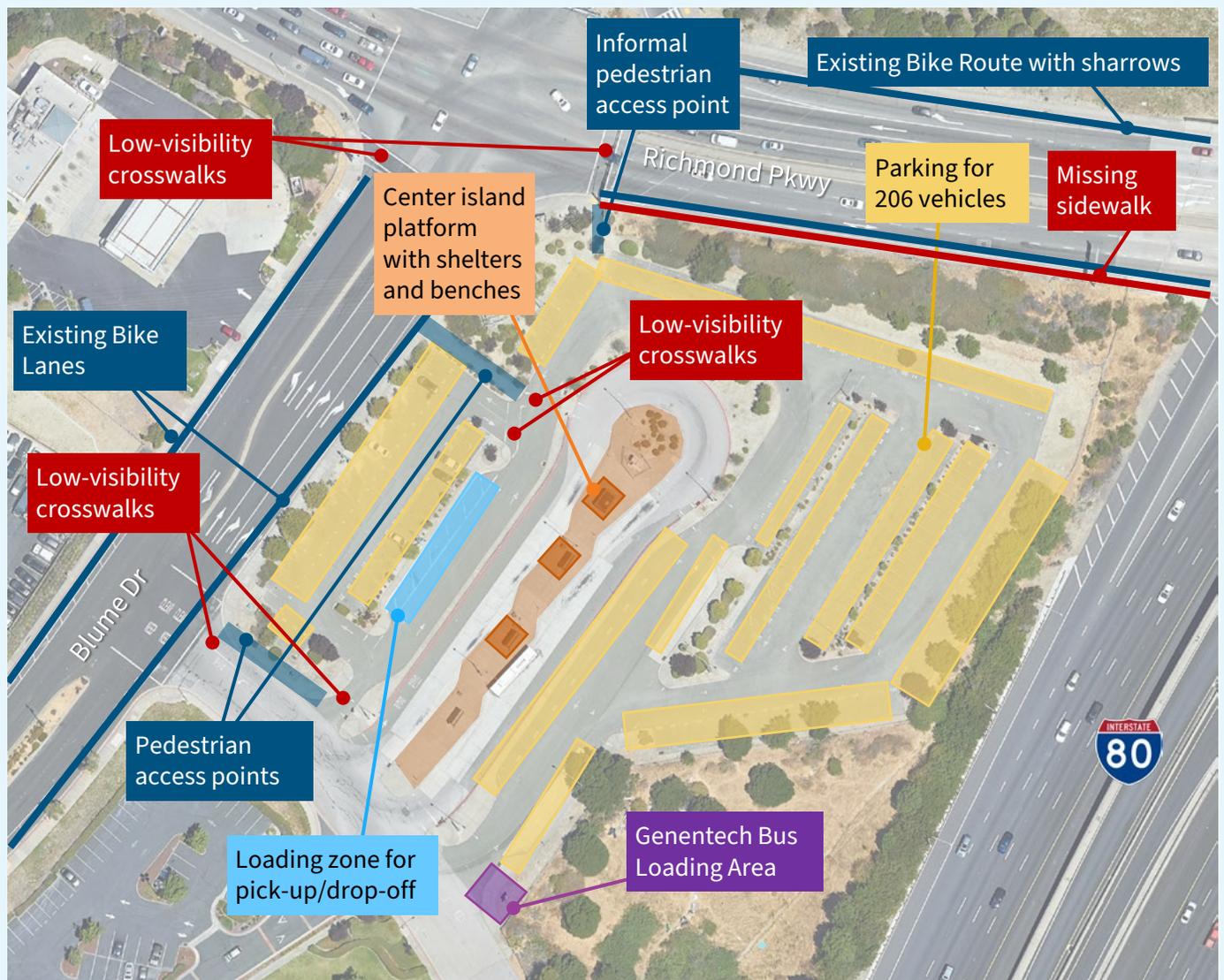


Photo: Buses waiting at the Richmond Parkway Transit Center.

Richmond Parkway Transit Center

The RPTC includes a park-and-ride lot and serves five AC Transit and three WestCat bus routes that connect West County communities to Richmond, Hercules, San Pablo, El Cerrito, and Downtown San Francisco. However, the layout of the Transit Center requires several minutes of diversion time, which adds up to over 13,000 annual rider hours for WestCAT express routes. There is also limited bicycle and pedestrian infrastructure connecting to the transit center as shown in **Figure 17**.

Figure 17: Map of Richmond Parkway Transit Center Existing Conditions



Source: Richmond Parkway Transit Center Existing Conditions Review (AC Transit, 2011); Fehr & Peers (2023).



Community engagement at the North Richmond Flea Market.

CHAPTER 3

Engagement

A robust community engagement process provided critical input to the Plan’s recommendations. This chapter summarizes the stakeholder groups, engagement methods, and feedback received. **Appendix A** contains the engagement approach and feedback summaries.

STAKEHOLDER GROUPS

WCCTC engaged a variety of stakeholder groups, ranging from project partners who will help deliver the Plan’s recommendations to members of the public. Key stakeholder groups were:

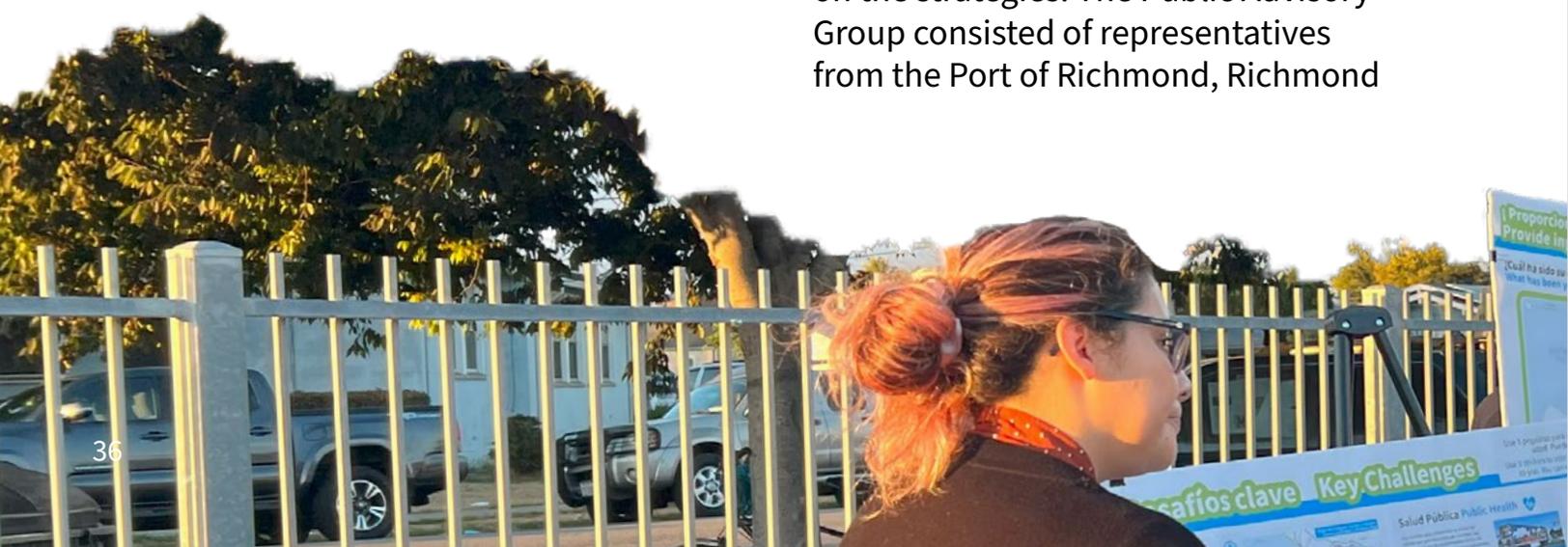
General Public

Residents and users of the Parkway were reached through in-person and online activities. To ensure engagement from marginalized residents living within the study area, in-person methods focused on presenting at community meetings and tabling at events/pop-ups in adjacent neighborhoods, including North Richmond, Parchester Village, and Iron Triangle. To get the word out, opportunities were advertised through social media ads and flyers and engagement information was distributed to all members of the WCCTC Board,

PAG, and Technical Advisory Committee. Because over 48% of people living in the area speak Spanish at home, Spanish-speaking staff attended each pop-up event and interactive boards, flyers, and social media ads were translated into Spanish. Online engagement was conducted through an online platform that enabled translation into any language.

Public Advisory Group (PAG)

The PAG served as community liaisons to review and confirm the Public Engagement Plan, share information with community members, and provide input on the strategies. The Public Advisory Group consisted of representatives from the Port of Richmond, Richmond



Neighborhood Coordinating Council, Trails for Richmond Action Committee, Urban Tilth, Watershed Project, Groundwork Richmond, Bike East Bay, North Richmond Municipal Advisory Council, Community Housing Development Corporation, Bay Area Outreach and Recreation Program, and the California Trucking Association. Four PAG meetings were convened through the process.

WCCTC Board

The Board was continually updated throughout the project and provided strategic direction on the Plan. Board members consisted of elected officials representing the cities of Hercules, Pinole, Richmond, San Pablo, and El Cerrito, as well as AC Transit, BART, WestCAT, and Contra Costa County.

Project Partners

WCCTC partnered with the City of Richmond and Contra Costa County to deliver this Plan. Project partners participated in project management team meetings on a bi-weekly basis and were involved in key decisions throughout the study. Their feedback is foundational to this Plan, as agencies that operate the local right-of-way will ultimately deliver many of the strategies and recommendations included in this Plan.

Technical Advisory Committee (TAC)

The Technical Advisory Committee (TAC) facilitated coordination among various agencies and organizations, allowing key stakeholders to provide input and technical guidance.

The TAC included representatives from the cities of Hercules, Pinole, Richmond, and San Pablo, as well as AC Transit, BART, WestCAT, Contra Costa County, the Metropolitan Transportation Commission, the East Bay Regional Parks District, and the West County Wastewater District.

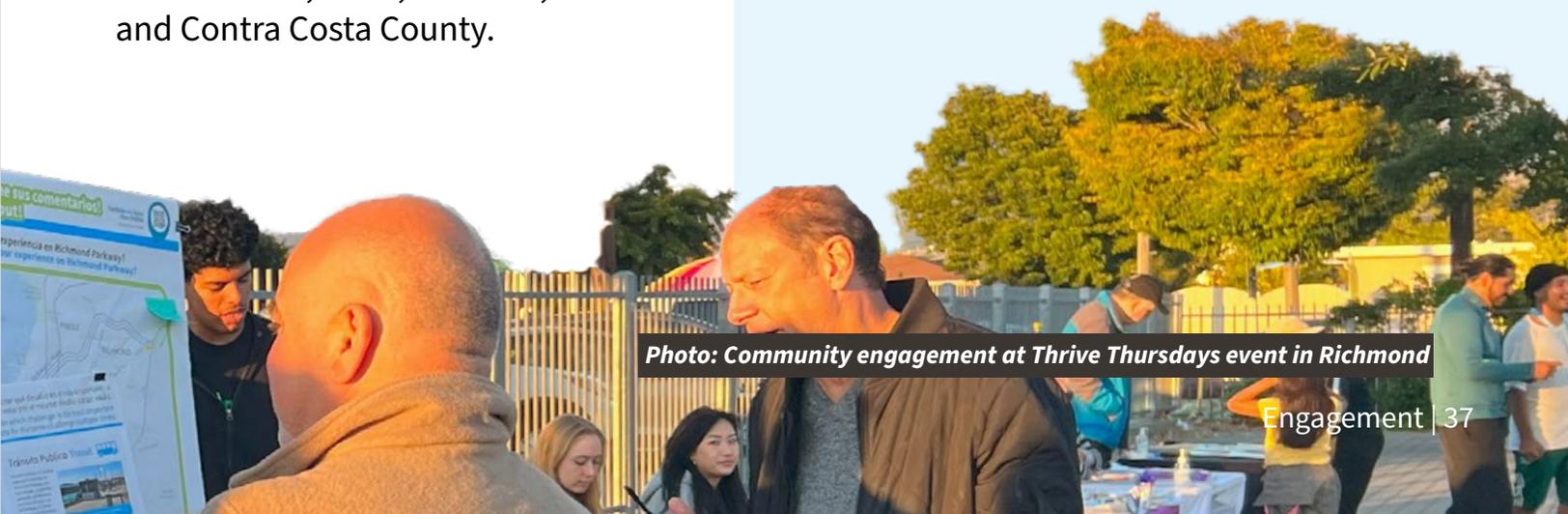


Photo: Community engagement at Thrive Thursdays event in Richmond

ENGAGEMENT SUMMARY

The public engagement plan was developed with input from the PAG. After the first engagement phase was completed, the PAG confirmed the rest of the engagement plan was on-track.

Engagement efforts resulted in...

 **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**

 **4 PAG MEETINGS**

 **5 TAC MEETINGS**

 **4 WCCTC BOARD MEETINGS**

1. Understand Needs

The first engagement phase focused on identifying needs and vision for the Parkway and confirming understanding of existing challenges and experiences using the Richmond Parkway.

Pop-Up Engagement

- August 6, 2023: North Richmond Flea Market (North Richmond)
- August 10, 2023: Thrive Thursdays (Coronado)
- August 19, 2023: Walmart (Hilltop)

Community Meetings

- September 5, 2023: North Richmond Municipal Advisory Council
- September 12, 2023: Parchester Village Neighborhood Council
- September 20, 2023: Iron Triangle Neighborhood Council

Online Webmap

- June 15 through September 4, 2023

PAG Meetings

- June 8, 2023
- September 21, 2023

WCCTC Board Meetings

- May 26, 2023
- September 29, 2023

2. Explore Strategies

Then, stakeholders provided input on draft strategies responding to identified needs and issues. Community priorities for solutions were identified.



Pop-Up Engagement

- March 24, 2024: North Richmond Flea Market
- April 20, 2024: North Richmond’s Earth Day Festival



Community Meetings

- March 12, 2024: Parchester Village Neighborhood Council
- April 2, 2024: North Richmond Municipal Advisory Council
- April 6, 2024: City of Richmond District 2
- April 17, 2024: Iron Triangle Neighborhood Council



Online Survey

- March 11 through April 29, 2024



PAG Meeting

- February 22, 2024



WCCTC Board Meeting

- March 22, 2024

3. Refine Solutions

Comments on the priority strategies and Draft Plan were collected.



Public Draft Online Survey

- November 4th through November 29th, 2024



PAG Meeting

- October 9, 2024



WCCTC Board Meeting

- October 25, 2024



Richmond Council Meeting

- November 19, 2024



Contra Costa County Board of Supervisors Transportation, Water, and Infrastructure Committee (TWIC)

- December 9, 2024

PHASE 1: UNDERSTAND NEEDS

To kick off the Plan, WCCTC asked participants to share their challenges and experiences using the Richmond Parkway via an online webmap of the corridor and by providing input in-person. Participants provided feedback on experiences related to safety, public health, transit, biking and walking, and vehicles and goods movement.

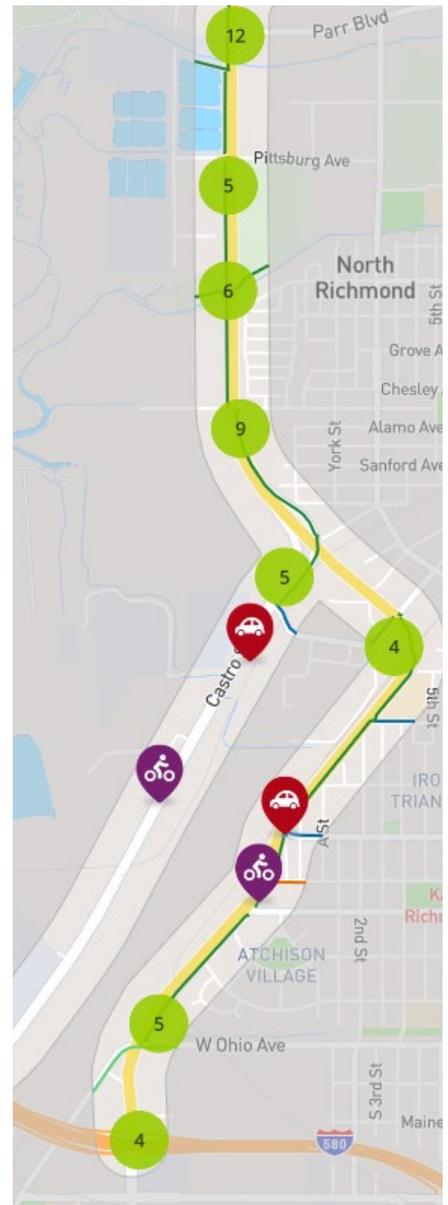


Photo of Phase 1 pop-up at North Richmond Flea Market, 2024, and images of Phase 1 online webmap and social media ads.

What We Heard

Respondents cited safety as their top concern, particularly related to speeding along the Parkway. Nearly a third of all responses related to biking and walking, a majority of which noted comfort and safety challenges while using the Parkway and the Bay Trail. Biking and walking comments also indicated concerns about existing infrastructure, such as missing sidewalks and curb ramps and poor accessibility to trails. Participants also brought up peak period congestion

throughout the corridor, with specific issues at intersections like San Pablo Avenue, Giant Road, and Castro Street. Maintenance was an important theme, specifically concerning deteriorating pavement, illegal dumping, and overgrown trees. The distribution of need-related topics heard can be seen in **Figure 18**.

Feedback on needs and desired improvements was used as a basis for the development of draft strategies presented in **Chapter 4**.

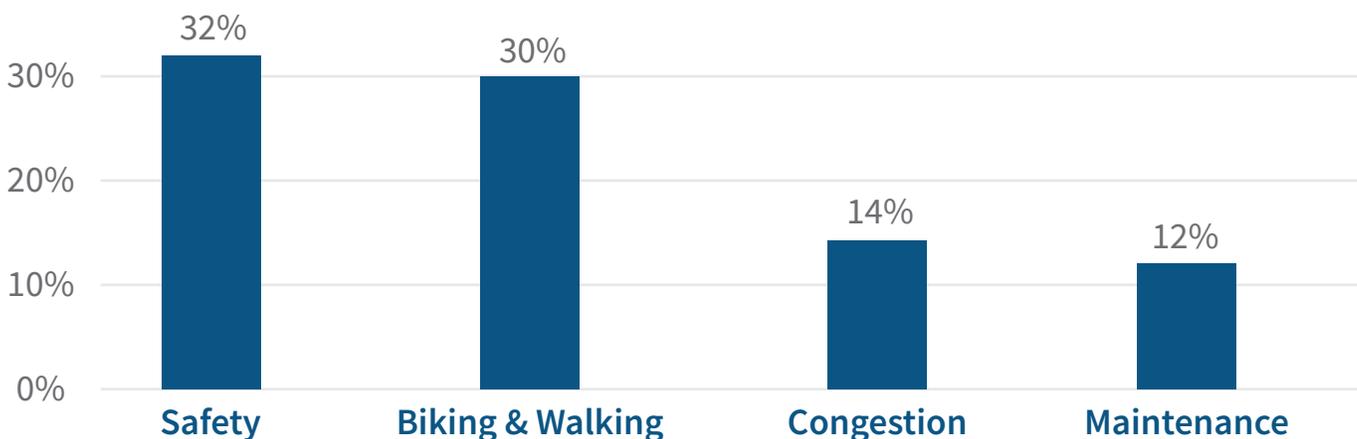
“Walking across the Parkway is super scary.”

“The stretch where Parkway opens up from 2 lanes to 4 is crazy! It turns into a speedway!”

“Making the Parkway look like it’s being cared for will go a long way towards making people feel safe.”

“It’s a deadly rat race road that I prefer not to drive on anymore.”

Figure 18: Distribution of Need-Related Topics Heard



Note: Percentages add up to more than 100% due to the open-ended nature of comments received. More than one topic could be discussed in each comment.

PHASE 2: EXPLORE STRATEGIES

A list of over 30 strategies, organized into six different overarching topics, was developed to address the issues previously identified through existing conditions analysis, existing plans and policies, and engagement. Stakeholders reviewed each strategy and provided a sense of relative priority.

Strategy Categories

Public Health

Strategies that reduce neighborhood truck traffic and reduce or mitigate vehicle emissions.

Safety

Strategies that reduce speeding and expand emergency vehicle access.

Walking and Biking

Strategies that improve walking and biking experience on the Richmond Parkway and the Bay Trail.

Driving and Goods Movement

Strategies that address congestion and improve wayfinding.

Maintenance

Strategies that address corridor and trail maintenance and illegal dumping.

Transit

Strategies that address transit reliability, service, comfort, and access.

In this phase of engagement, participants were asked to provide feedback on the draft strategies. Participants ranked strategies via an online survey, in-person verbally, or in-person on interactive boards. Participants could also provide open-ended feedback on the draft strategies or suggest strategies that they felt were missing. Since the Parkway is also a regional facility serving a broader community whose preferred solutions may look different from residents living along the corridor, it was important to supplement the results of digital engagement strategy with in-person feedback from nearby residents.





Photo of Phase 2 pop-up at North Richmond Earth Day Festival, 2024.

Categories of Strategies

What categories of solutions are you most interested in? Please select at least two (2). Required



Walking and Biking



Driving and Goods Movement



Safety



Public Health



Maintenance



Transit



Photo of Phase 2 pop-up at North Richmond Flea Market, 2024.

Safety

The Safety category includes draft strategies aimed at improving safety for all roadway users on the Parkway.

Click [here](#) to see example images of the strategies below.

Please rank the four (4) Safety strategies in order of preference from greatest to least. Required

- S-1 Install safety improvements at intersections along the Parkway, such as high-visibility crosswalks and curb bulb-outs
- S-2 Deploy an Emergency Vehicle Preemption and Transit Priority system at signalized intersections
- S-3 Implement measures to reduce speeding and lower the speed limit
- S-4 Install physical treatments to prevent misuse of right turn lane
- S-5 Install intersection monitoring systems for speeding, red light running, etc. at high-risk intersections

- 1
- 2
- 3
- 4
- 5

Images of Phase 2 Online Survey.

What We Heard

Figure 19 summarizes the pop-up and online survey results, and highlights the top strategy categories identified. The top four draft strategy categories were public health, safety, maintenance, and walking and biking. Top strategies were ranked within each category based on the level of support.

The top strategy categories differed between online survey respondents and pop-up participants. Pop-up participants more strongly represented Equity Priority Communities living along the corridor compared to online survey respondents, who represented the broader community of regional Parkway users. Almost half of pop-up interactions occurred in Spanish. Pop-up participants ranked public health as the top strategy, followed by maintenance and safety, while online respondents ranked

walking and biking as their top strategy, followed by safety and maintenance.

Public health strategies that received the most support were strategies restricting trucks from driving through neighborhoods and parking or idling near sensitive land uses, as well as the strategy to mitigate emissions through urban greening. Safety strategies, particularly measures to reduce speeding and address high risk intersections, were desired. Under maintenance, strategies addressing ongoing roadway maintenance and illegal dumping received support from all audiences. Popular strategies related to walking and biking included upgrading on-street bikeways and sidewalks and constructing a new crossing for Wildcat Creek Trail.

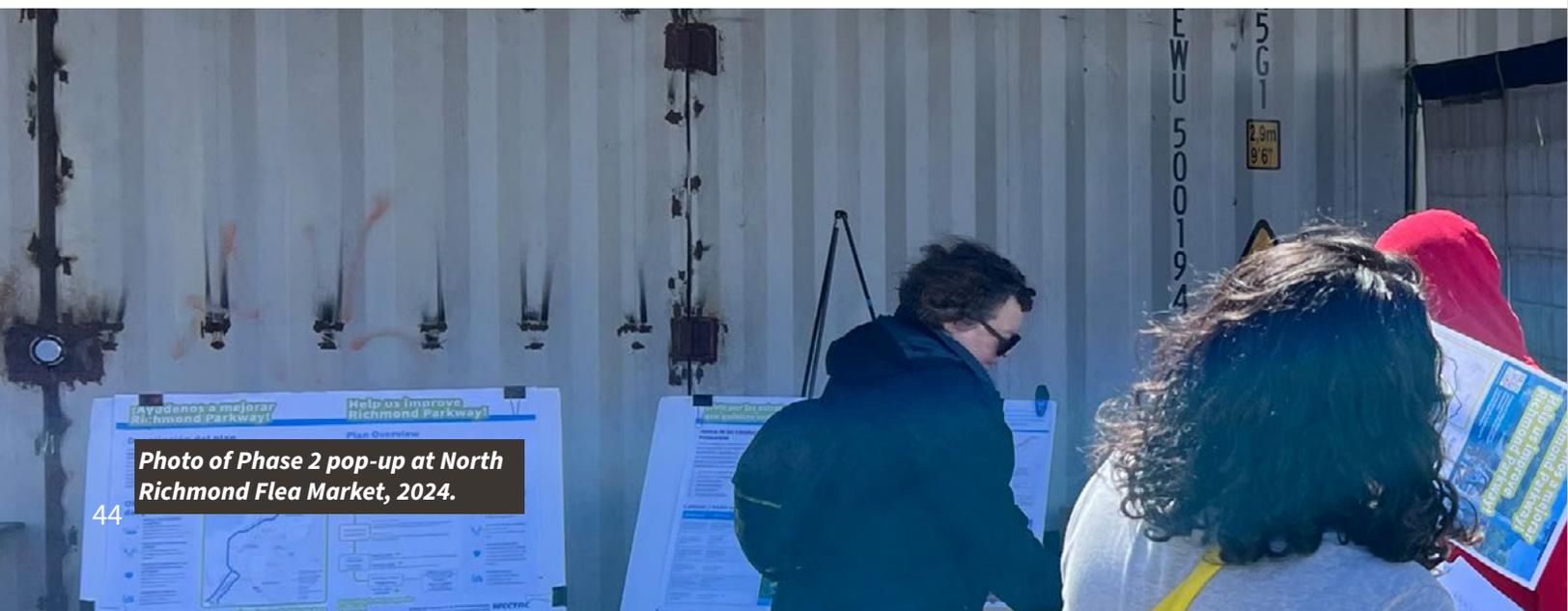
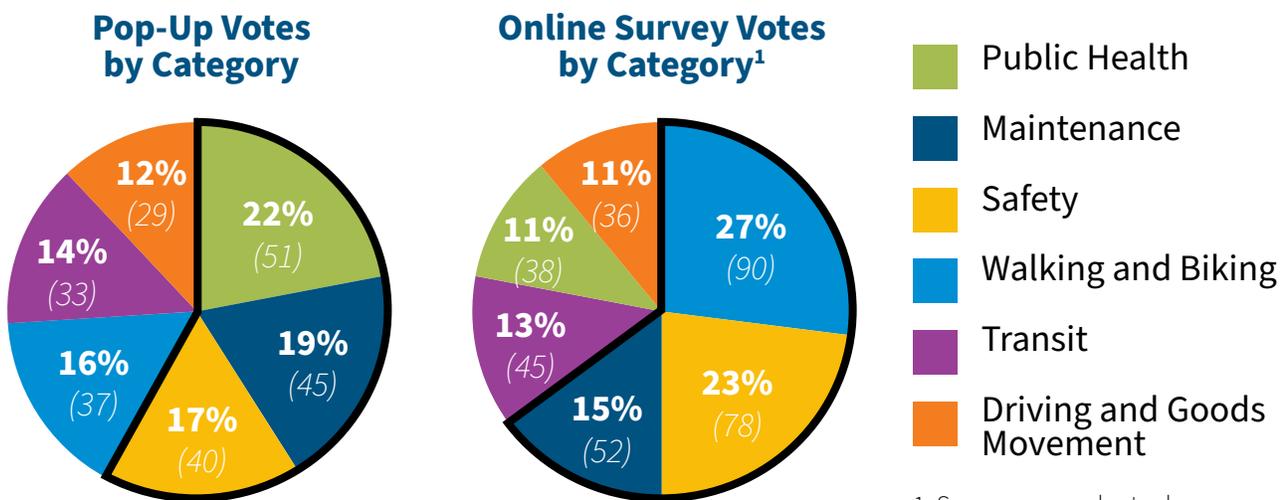


Photo of Phase 2 pop-up at North Richmond Flea Market, 2024.

Feedback received during this phase confirmed the responsiveness of draft strategies to community needs and identified the top strategies for implementation.

Strategies in the highest-ranking categories were given greater consideration during the identification of Priority Strategies described in **Chapter 5**.

Figure 19: Distribution of Draft Strategy Category Votes



Public Health, Maintenance, Safety, and Walking & Biking were the most popular strategy categories.

1. Survey respondents skew more white and more wealthy than residents living along the Parkway.

Note: Pop-Up events were held on March 24, 2024 and April 20, 2024. The Online Survey was open from March 11 through April 29, 2024.



PHASE 3: REFINE SOLUTIONS

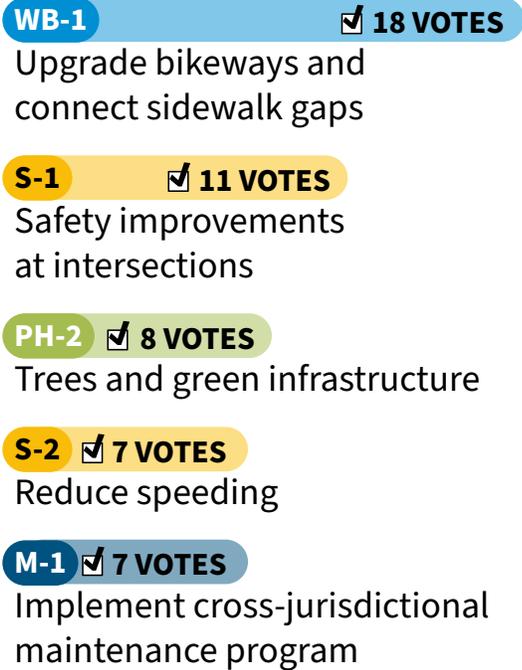
A subset of ten priority strategies were identified based on their ability to fulfill the Plan's six goals outlined in **Chapter 1**, issues identified in **Chapter 2**, and feedback from previous community engagement phases. Details about the priority strategies can be found in **Chapter 5**.

In this phase of engagement, the Draft Plan was disseminated to the public, project partners, PAG, TAC, WCCTC Board, Richmond City Council, and the Contra Costa County Board of Supervisors Transportation, Water, and Infrastructure Committee. In an online survey, participants were asked to provide feedback on the responsiveness of all the strategies to participant needs and which priority strategy they wanted to see advanced first. Participants could also provide open-ended feedback on the Draft Plan. The ranking of community priority strategies is listed in **Figure 20**.

Feedback heard during the PAG and public meetings confirmed the importance of implementing the priority strategies in response to existing needs and challenges along the corridor, while also identifying sources of funding that acknowledge the regional benefit of the Parkway. The regional-serving nature of the Parkway is described in **Appendix B**.

The feedback on the Draft Plan was incorporated into the Final Draft Plan, which was recirculated to project partners. The adoption of the Final Plan by WCCTC, the City of Richmond, and Contra Costa County is expected to occur in early 2025. Social media ads will be used to share the Final Plan.

Figure 20: Top Five Priority Strategies Survey Ranking



 **92%**
of survey respondents **agreed or strongly agreed** that the Plan strategies responded to their needs and challenges along the corridor.



Photo of Phase 2 pop-up at North Richmond Flea Market, 2024.

CHAPTER 4

Strategies

A major outcome of this Plan is a recommended list of strategies that represent projects, policies, or programs related to transportation or transportation impacts along the corridor for WCCTC and project partners to advance.

IDENTIFYING STRATEGIES

The Plan identifies 27 final strategies that address the Plan’s six goals, issues identified through existing conditions analysis (**Chapter 2**), and community

engagement feedback (**Chapter 3**). The strategies are organized into six categories described in **Figure 21** below.

Figure 21: Strategy Categories



Public Health

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



Safety

Strategies that reduce vehicle speeds, address intersection conflict points, and prioritize emergency vehicle access.



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 support and encourage transit ridership.

Implementing these strategies will require coordination between WCCTC and partner agencies and organizations. The top 10 are identified as Priority Strategies (**Chapter 5**) to be advanced first. WCCTC and partner agencies may draw from the larger list of strategies as conditions change or as new funding or capacity opportunities arise.

To measure the Plan’s performance, each strategy was evaluated against the Plan’s goals, as shown in **Table 1**. Consideration

of equity was incorporated by more heavily weighting goals that would have a disproportionate benefit to Equity Priority Communities living along the corridor. **Appendix C** lists the effectiveness of each strategy in meeting the Plan's goals.

Based on the goal alignment metrics, each strategy met **Some Goals**, **Many Goals**, or **Most Goals**, as pictured in **Figure 22**. The full list of 27 strategies is presented in **Table 2**.

Table 1: Qualitative Goal Alignment Metrics

Goal	Metric
 Improve Safety for All Users*	1a Reduce severe and fatal injury collisions
 Increase Access to Key Destinations*	2a Increase quality of connections 2b Expand connectivity to key destinations
 Improve Health*	3a Decrease emissions 3b Reduce cut-through traffic
 Advance Placemaking*	4a Improve maintenance and street beautification 4b Address key topics heard during engagement
 Enhance Travel Time Reliability and Efficiency	5a Reduce vehicle delay 5b Increase vehicle occupancy
 Support Feasible Strategies	6a Advance already adopted strategies 6b Near- to Medium-term implementation

*Goal weighted more heavily given disproportionate benefit to local Equity Priority Communities.

Figure 22: Goals Alignment Ranking

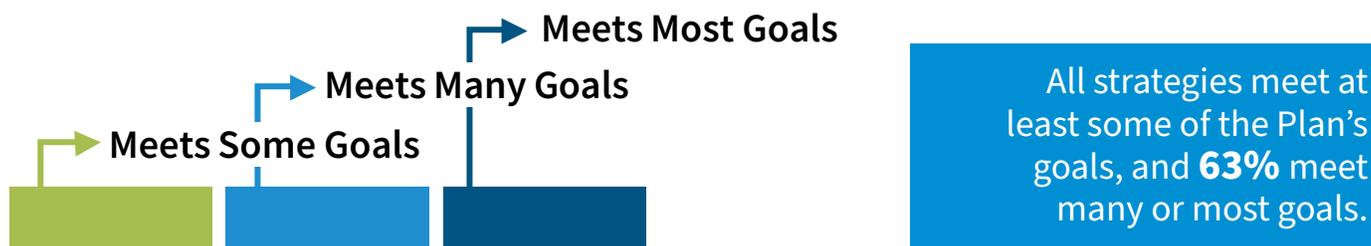


Table 2: Full List of Strategies

ID	Topic	Subtopic	Strategy Name	Goals Alignment
PH-1*	Public Health	Trucks	Confirm and enforce truck routes in North Richmond	
PH-2*	Public Health	Urban Greening	Trees and green infrastructure	
PH-3*	Public Health	Air Quality	Minimize vehicle impacts to air quality	
PH-4	Public Health	EV/AV Adoption	Encourage private electric vehicle adoption and usage	
PH-5	Public Health	Noise	Improve sound wall	
S-1*	Safety	Street Design	Safety improvements at intersections	
S-2*	Safety	Speeding	Reduce speeding	
S-3	Safety	Monitoring	Monitor high-risk intersections for speeding, red light running, etc.	

*Priority Strategies with an implementation plan in Chapter 5.

Description

Confirm designated truck routes in North Richmond, which is surrounded by industrial use, to ensure connections between truck-generating uses and the Parkway avoid residential neighborhoods to the extent feasible. Install cameras for legal automated monitoring and enforcement of heavy vehicles exceeding vehicle size limits.

Incorporate trees and green infrastructure into all capital projects where feasible.

Encourage clean trucks to the maximum extent feasible through new development requirements. Ensure requirements adhere to AB98 legislation. Place no truck parking and no idling zones judiciously to reinforce but not overburden truck operations. Install signs in strategic locations such as residential areas and near sensitive receptors (schools, hospitals, parks) indicating no-idling zones and displaying the associated fines.

Identify publicly-owned buildings within the study area exposed to emissions levels beyond the Bay Area Air Quality Management District thresholds of significance and prioritize these locations for installation and regular maintenance of high-quality air filtration systems.

Add electric vehicle charging infrastructure for vehicles and provide education on electric vehicle (EV) subsidy or rebate/incentive programs.

Improve the sound wall by increasing size or effectiveness of the sound barrier.

Install safety treatments per the Intersection Safety Recommendations in **Chapter 5**. These treatments include but are not limited to:

- Lighting, which includes roadway lighting, visibility of signage, reflectivity, and lighting of pedestrians and bicyclists; ensure bike lanes and intersections are adequately illuminated, particularly in high-traffic areas
- High-visibility crosswalks, curb ramps, and curb extensions
- Conflict zone markings for bicycle crossings
- Geometric changes
- Accessible pedestrian push buttons, pedestrian countdown signals, and bicycle detection at signalized intersections

Add speed limit signs and radar speed feedback signs at high speed locations. Study opportunity to follow through on the legal process for speed limit reduction. When legalized, implement pilot of speed safety cameras.

Install monitoring systems for near-miss events, speeding, red light running, etc. at high-risk intersections.

Table 2: Full List of Strategies (cont.)

ID	Topic	Subtopic	Strategy Name	Goals Alignment
WB-1*	Walking and Biking	Street Design	Upgrade bikeways and connect sidewalk gaps	
WB-2*	Walking and Biking	Wildcat Creek Trail Crossing	On-street Wildcat Creek Trail crossing	
WB-3	Walking and Biking	New Technology	Test innovative bicycle and pedestrian detection at intersections	
WB-4	Walking and Biking	Shared Mobility	Expand electric bike share program	
DG-1*	Driving and Goods Movement	Cycle Length	Upgrade and coordinate traffic signals	
DG-2	Driving and Goods Movement	Congestion	Add carpool lane on segments with high congestion	
DG-3	Driving and Goods Movement	Street Design	Redesign Richmond Parkway/ Castro Street merge	
DG-4	Driving and Goods Movement	Signage/ Wayfinding	Signage for blind turns	
DG-5	Driving and Goods Movement	Signage/ Wayfinding	Install wayfinding for drivers	

*Priority Strategies with an implementation plan in Chapter 5.

Description

Upgrade the Bay Trail to align with Bay Trail Design Guidelines, including adding clear and visible signage, particularly where the Bay Trail transitions to bikeways on Richmond Parkway. Realign Bay Trail between Hensley St and Gertrude Ave to western side of Castro St and Richmond Parkway. Create buffers to physically separate bicyclists from motor vehicle traffic using landscaping to enhance bicyclist comfort and safety. Coordinate with the San Francisco Bay Restoration Authority on the Living Levy project plans to improve pedestrian and operations access along Pittsburg Ave.

Install bike facilities, independent of the Bay Trail, with physical buffers to separate bicyclists from motor vehicles and improve bicyclist comfort and safety. Ensure bike lanes and intersections are adequately illuminated, particularly in high-traffic areas.

Install new sidewalks to close sidewalk gaps. Where sidewalk is missing on one side of the street along inactive land uses, condition future developers to install sidewalks.

Develop at-grade signalized multi-use crossing of Wildcat Creek Trail, install lighting, and add wayfinding signage to indicate distance traveled or what facilities are provided/nearby. In the long-term, consider a grade-separated overcrossing for the Wildcat Creek Trail over the Richmond Parkway.

Test new technologies (e.g. LiDAR, AI) that can help a traffic signal predict the arrival of a bicyclist or pedestrian and maintain signal protection until they have exited the intersection.

Support expansion of Richmond’s bikeshare program.

Implement signal coordination along the Parkway in the peak period and optimize corridor-wide cycle lengths. Consider signal operations, pedestrian delay, and impact on speed. Install a connected battery backup system and a central signal management system. Upgrade signal hardware and software to allow automated traffic signal performance measures. Investigate, test, and deploy a system that allows for emergency vehicle preemption and transit prioritization at signalized intersections. Consider an adaptive traffic signal system.

Study the conversion of the northbound right turn lane into a high-occupancy vehicle (HOV) lane for bus, carpool, and right turn only in the afternoon peak period. Implement recommendations in MTC’s I-580 Richmond Parkway Interchange Operational Improvements project.

Study reallocating merge capacity through restriping Richmond Parkway at the Castro Street merge to be one lane or introduce metering on Castro Street to control queues. Improve guidance for drivers through signage and striping.

Add a yield or prepare to stop sign/signal ahead of blind turns.

Install gateway and wayfinding signage directing drivers on which lanes to use to access key destinations.

Table 2: Full List of Strategies (cont.)

ID	Topic	Subtopic	Strategy Name	Goals Alignment
M-1*	Maintenance	Roadway	Implement cross-jurisdictional maintenance program	
M-2	Maintenance	Encampments	Keep sidewalks and paths clear near encampments	
M-3	Maintenance	Illegal Dumping	Discourage illegal dumping	
T-1*	Transit	Richmond Parkway Transit Center	Improve access to the Richmond Parkway Transit Center	
T-2	Transit	Transit Bus/Shuttle	Improve bus stop comfort	
T-3	Transit	Transit Bus/Shuttle	New transit service to Marin County	
T-4	Transit	Transit Bus/Shuttle	Increase bus frequency	
T-5	Transit	Transit Bus/Shuttle	On-demand shuttle service	
T-6	Transit	Parking	Parking lot for transit to Marin County	
T-7	Transit	Accessibility	Publicize transit options/information	

*Priority Strategies with an implementation plan in Chapter 5.

Description

Implement a consistent management program assigned to upkeep the Parkway and provide a plan on what maintenance is, how it is performed, how it can be budgeted, and why it is needed. Consider maintenance agreement stating staff time commitments, legal resources, support from elected officials, and the process to identify a regional funding source. Identify a cross-jurisdictional maintenance manager to implement the program to rehabilitate and maintain pavement quality and striping along the corridor, as well as maintenance to extend the service life of shared use path pavement. This program would also apply to signage, tree, debris, and signal maintenance.

Partner with advocacy group for unhoused, such as SOS Richmond and Contra Costa Health, Housing and Homeless Services, to encourage people experiencing homeless to keep sidewalks and paths clear.

Reduce illegal dumping on the corridor via fencing and provide education on how to properly dispose of waste.

Develop formal pedestrian connection between the northwest corner of the Richmond Parkway Transit Center and Richmond Parkway. Upgrade faded crosswalk markings within the Transit Center. Install bike lockers at the Richmond Parkway Transit Center consistent with the Association of Pedestrian & Bicycle Professionals guidance. Install bus pullout stops to allow buses to directly serve the Transit Center from the Parkway as recommended in the WCCTC Express Bus Implementation Plan (2020).

Enhance bus stops with features like seating, shelters, lighting, and real-time displays.

Study a bus line that connects Central/North Richmond and Hilltop to Marin across the Richmond-San Rafael Bridge.

Increase frequencies of AC Transit buses serving the corridor subject to AC Transit’s Realign Plan.

Support continued operation and expansion of Richmond Moves on-demand shuttle, including to jobs centers.

To serve the large number of residents in the corridor commuting to the North Bay, study park-and-ride opportunities supporting transit service into Marin County.

Make transit schedules more accessible, expand education for Clipper Card usage, and publicize different transit options.



1. Pedestrian and bicycle crossing at W Ohio Ave and Garrard Blvd.

2. Flooded Wildcat Creek Trail tunnel.

3. Informal pedestrian access point to the Richmond Parkway Transit Center currently subject to inclement weather.



One of the priority strategies is to implement safety treatments at intersections, such as protected right-turn phases at Richmond Parkway and Ohio Avenue.

CHAPTER 5

Priority Strategies

The Plan identifies ten priority strategies to advance first based on their ability to address the Plan’s six goals outlined in **Chapter 1**, issues identified in **Chapter 2**, and community engagement feedback in **Chapter 3**. All the priority strategies shown in **Table 3** meet many or most goals and received the most support through the online survey, pop-ups, and community meetings on the strategies. This chapter provides cutsheets describing the strategies’ associated actions, benefits, timeframes, lead and

coordinating agencies, and cost ranges shown below. Cost ranges of each priority strategy are included in the subsequent cutsheets. Funding must be identified and acquired to implement the strategies, and WCCTC will support partner agencies in pursuing grants and regional funding opportunities. Funding and implementation are further discussed in **Chapter 6**.

\$\$\$\$ = <\$1M \$\$\$\$ = \$1M-5M
\$\$\$\$ = \$6M-\$10M \$\$\$\$ = \$11M+

Table 3: Priority Strategies

ID	Topic	Strategy Name	Goals Alignment
PH-1	Public Health	Confirm and enforce truck routes in North Richmond	
PH-2	Public Health	Trees and green infrastructure	
PH-3	Public Health	Minimize vehicle impacts to air quality	
S-1	Safety	Safety improvements at intersections	
S-2	Safety	Reduce speeding	
WB-1	Walking and Biking	Upgrade bikeways and connect sidewalk gaps	
WB-2	Walking and Biking	On-street Wildcat Creek Trail crossing	
DG-1	Driving and Goods Movement	Upgrade and coordinate traffic signals	
M-1	Maintenance	Implement cross-jurisdictional maintenance program	
T-1	Transit	Improve access to the Richmond Parkway Transit Center	

= Meets Many Goals = Meets Most Goals

PH-1 PUBLIC HEALTH

\$\$\$\$

Confirm and enforce truck routes in North Richmond

Goals Alignment

Meets Most Goals



Lead Agency

Contra Costa County: Planning, Public Works, CHP

Coordinating Agency

WCCTC, CalTrans, City of San Pablo, City of Richmond

Completion Timeframe

0 to 2 years

Actions

Confirm designated truck routes

Confirm designated truck routes in North Richmond, where there are large industrial-use generators, to ensure connections between truck-generating uses and the Parkway avoid residential neighborhoods to the extent feasible.

Enforce designated truck routes

Install cameras for legal automated monitoring and enforcement of heavy vehicles exceeding vehicle size limits.

Benefits

Improved neighborhood sound quality

Reducing truck-related noise pollution, which can be damaging above **85 decibels 50 feet** away, can decrease stress and improve sleep quality.¹

Reduced exposure to emissions

Trucks emit pollutants at a rate of **1.15 times** more than passenger vehicles, which contributes to respiratory and cardiovascular diseases.² Redirecting truck traffic from sensitive sites and residential neighborhoods reduces exposure to these emissions, leading to **better air quality and fewer health issues**, such as asthma.³

1. Community and Environmental Defense Services, “Truck Stops & Neighborhood Quality of Life,” 2024.

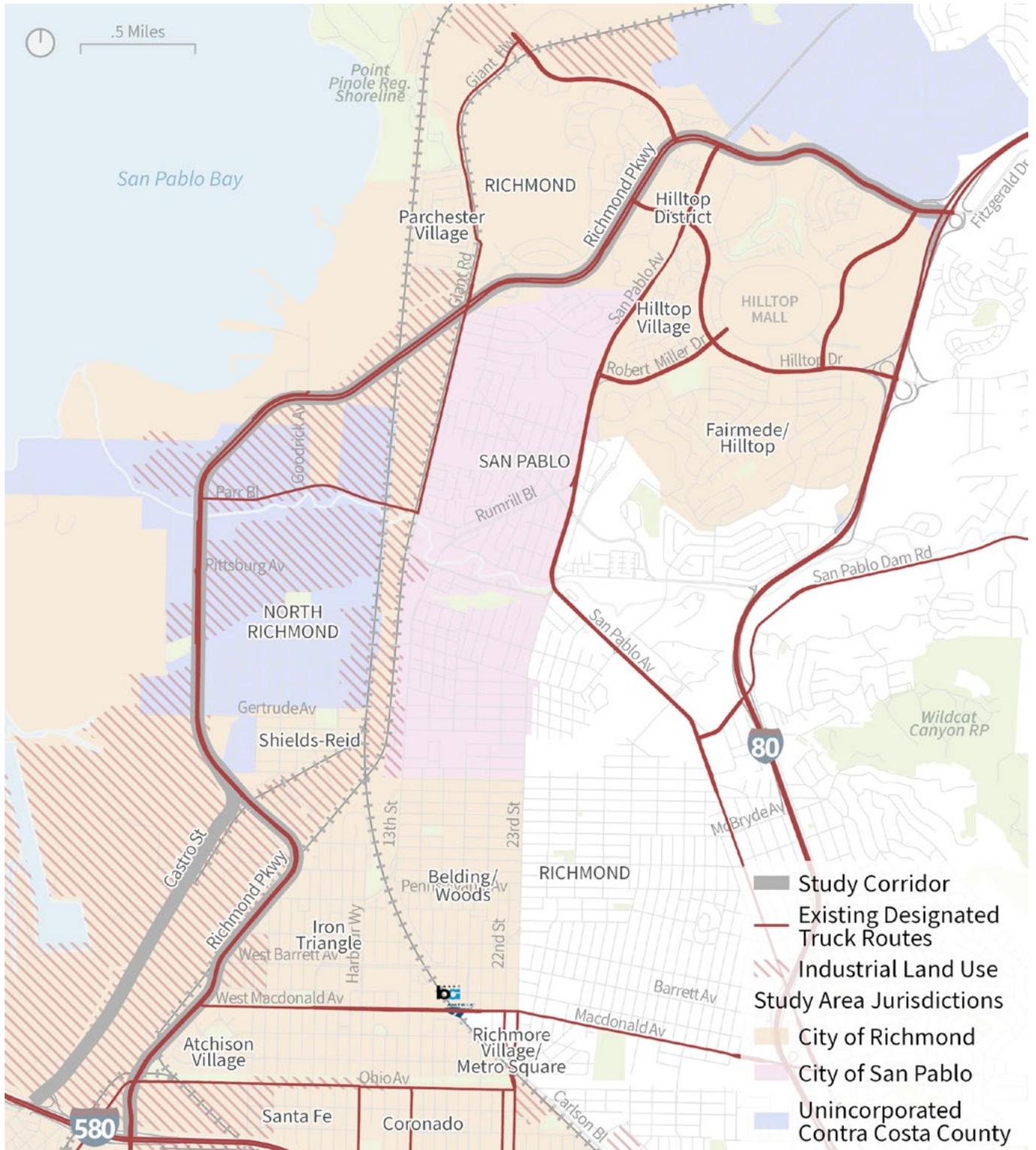
2. EPA, US EPA Archive Document on Idling Reduction; EPA, 2024.

3. OEHHA, 2021.

Figure 23:

Map of Existing Designated Truck Routes

PH-1



Source: Richmond General Plan 2030, 2016. Industrial land use areas include land that is used for the manufacturing, storage, processing, or packaging of goods and materials.

PH-2

PUBLIC HEALTH

\$\$\$\$

Trees and green infrastructure

Goals Alignment

Meets Most Goals



Lead Agency

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

Coordinating Agency

Groundwork
Richmond, Contra
Costa County: Planning

Completion Timeframe

Ongoing

Actions

Incorporate trees and green infrastructure

Incorporate trees and green infrastructure, such as bioretention planters, into all capital projects where feasible.

Benefits

Improved air quality

Planting trees along sections of the nine-mile corridor would improve local air quality by capturing **213.6 metric tons** of CO2 by 2050, the equivalent of removing **46 cars** from the road driving a combined **529 thousand miles** annually.¹

Increased tree cover and lower temperatures

Adding about 800 trees to the tree cover will provide shade along the entire corridor. This strategy can lower surface temperatures by up to **11 degrees Fahrenheit**, which has the potential to save lives as climate change increases the frequency of extreme heat episodes.²

Improved drainage and water quality

Bioretention planters provide, on average, **56% to 89% stormwater volume reduction** and are proven to **filter pollutants** from stormwater, reducing flooding along the corridor and improving water quality.³

1. ESA, 2024.

2. Rx FOR HOT CITIES, 2023.

3. EPA, NPDES: Stormwater Best Management Practice—Bioretention (Rain Gardens), 2021.

Additional Details

PH-2

Street trees

Increased tree cover improves air quality by removing particulate matter, and reduces surface temperatures by providing shade and increasing moisture in the air. Trees also help manage runoff, reduce erosion caused by rain, and promote infiltration, which all work to reduce potential flooding.¹

Public domain image.



Bioretention planters

Installing bioretention planters helps manage stormwater runoff by capturing, treating, and absorbing runoff from the street, while recharging the local groundwater supply.

Image source: City of Raleigh.



1. ESA, "Soak Up the Rain: Trees Help Reduce Runoff," 2024.

PH-3 PUBLIC HEALTH

\$\$\$\$

Minimize vehicle impacts to air quality

Goals Alignment

Meets Many Goals



Lead Agency

Contra Costa County: Planning, City of Richmond: Public Works, BAAQMD

Coordinating Agency

City of Richmond: Planning, Contra Costa County: Planning, CHP

Completion

Timeframe

0 to 2 years

Actions

Encourage clean trucks and prohibit truck activity in sensitive areas

Encourage clean trucks to the maximum extent feasible through new development requirements. Ensure requirements adhere to AB98 legislation. Place no truck parking and no idling zones judiciously to reinforce but not overburden truck operations. Install signs in strategic locations such as residential areas and near sensitive receptors (schools, hospitals, parks) indicating no-idling zones and displaying the associated fines.

Install air filtration systems

Identify publicly-owned buildings within the study area exposed to emissions levels beyond the Bay Area Air Quality Management District thresholds of significance and prioritize these locations for installation and regular maintenance of high-quality air filtration systems.

Benefits

Improved air quality

Trucks idle at a rate of **1 gallon of diesel** per hour on average, which releases more than **500 pounds of CO2 emissions** per day.¹ This strategy would reduce local exposure to these truck emissions.

Reduced health risks

Higher CO2 levels contribute significantly to the prevalence of asthma and the risk of heart and lung disease. Reducing emissions will positively affect the **99th and 98th percentile asthma rates** near the Parkway in the North Richmond and the Iron Triangle neighborhoods.²

Additional Details

No-idling signage

No-idling signs are enforcement signs regarding truck parking or idling and can include associated fines. Detering this truck activity can improve the local air quality.

Image source: Traffic Signs.



1. EPA, US EPA Archive Document on Idling Reduction; EPA, 2024.

2. California Office of Environmental Health Hazard Assessment, 2021.

S-1 SAFETY

\$\$\$\$

Safety improvements at intersections

Goals Alignment

Meets Most Goals



Lead Agency

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

Coordinating Agency

Caltrans, MTC, West
County Wastewater,
CCTA, BNSF

Completion Timeframe

6 to 10 years

Actions

Install safety enhancements

Install safety treatments per the following Intersection Safety Recommendations pages. These treatments include but are not limited to: high visibility crosswalks, curb ramps and curb extensions/bulbouts, turn delineators to slow down left turn speeds, conflict zone markings for bicycle crossings, pedestrian refuge islands, removing slip lanes, and lighting (overhead lighting, pedestrian- and bicyclist-scale lighting, bus stop lighting, visibility and reflectivity of signage). Ensure bike lanes and intersections are adequately illuminated, particularly in high-traffic areas.

Improve safety at signalized intersections

Install safety treatments per the following Intersection Safety Recommendations pages. These treatments include but are not limited to: accessible pedestrian push buttons, pedestrian countdown signals, bicycle detection, striped trail crossings, and No Right Turn on Red signage.

Benefits

Safer streets for all

This strategy could lead to a **7% reduction** in all collisions.¹

Safer streets for bicyclists and pedestrians

This strategy could lead to a **43% reduction** in injury collisions involving bicyclists or pedestrians.¹

1. Caltrans, Local Roadway Safety Manual, 2024; City of Richmond Bicycle and Pedestrian Action Plan, 2023; City of Richmond General Plan, 2012; City of Richmond Local Road Safety Plan, 2023; Contra Costa County General Plan, 2005; Fehr and Peers, 2024; FHWA, CMF Clearinghouse, 2024; San Pablo General Plan, 2011.

Figure 24:

Intersection Safety Recommendations

TREATMENTS AT EVERY INTERSECTION



HIGH-VISIBILITY CROSSWALKS

Mark all crosswalks with high-visibility striping and advance stop bars to improve pedestrian crossing visibility.



ACCESSIBLE CURB RAMPS

Install directional ADA curb ramps.



ACCESSIBLE PEDESTRIAN SIGNALS

Install audible pedestrian signals and accessible push buttons at crossings.



REFLECTIVE BACKPLATES

Install reflective backplates on signals to enhance the visibility of traffic signals.



BIKE DETECTION

Install bike detection at signalized intersections.



LIGHTING AND REFLECTIVITY

Improve overhead, pedestrian-scale, and bus stop lighting to increase visibility of all road users. Increase visibility and reflectivity of all signage.

TREATMENTS AS NEEDED



STRAIGHTEN CROSSWALKS

Straighten crosswalks to improve sightlines and shorten pedestrian crossing distances.



TIGHTEN CURB RADII

Reduce curb radii to slow down vehicle turning speeds, shorten pedestrian and bicyclist crossing distances, and provide more sidewalk space for pedestrians and bicyclists.



RAISED CROSSWALKS

Install a raised crosswalk in the right-turn slip lane to reduce turning speeds.



INSTALL PORKCHOP ISLAND WITH RAISED CROSSWALK

Where large vehicles must turn, install a porkchop island to reduce crossing distances and provide a raised crosswalk to reduce speeds.



MAJOR BIKE INTERSECTION IMPROVEMENTS

Install protected intersection to support bicyclist turning movements and create slower interactions and clear sightlines.



MINOR BIKE INTERSECTION IMPROVEMENTS

Enhance or create new active transportation connection between bike facility and the Parkway with lighting and maintenance.



ENFORCE RIGHT-TURN ONLY LANES

Promote self-enforcement of right-turn only lane by installing a far-side bulbout and enhancing related signage.



NO RIGHT-TURN ON RED

Prohibit vehicle right-turn on red at path and separated bikeway crossings of the minor street to reduce conflicts.



PROTECTED RIGHT-TURN PHASE

Provide protected right-turn phase to remove vehicle-bike and vehicle-pedestrian conflicts in time.



PEDESTRIAN COUNTDOWN SIGNALS

Install pedestrian countdown timers to display the crossing time remaining.



MEDIAN REFUGE ISLANDS

Provide pedestrians a place to wait if they are unable to finish crossing an intersection.



RAILROAD CROSSING ARMS

Install railroad crossing arms for pedestrian and bicyclist safety.



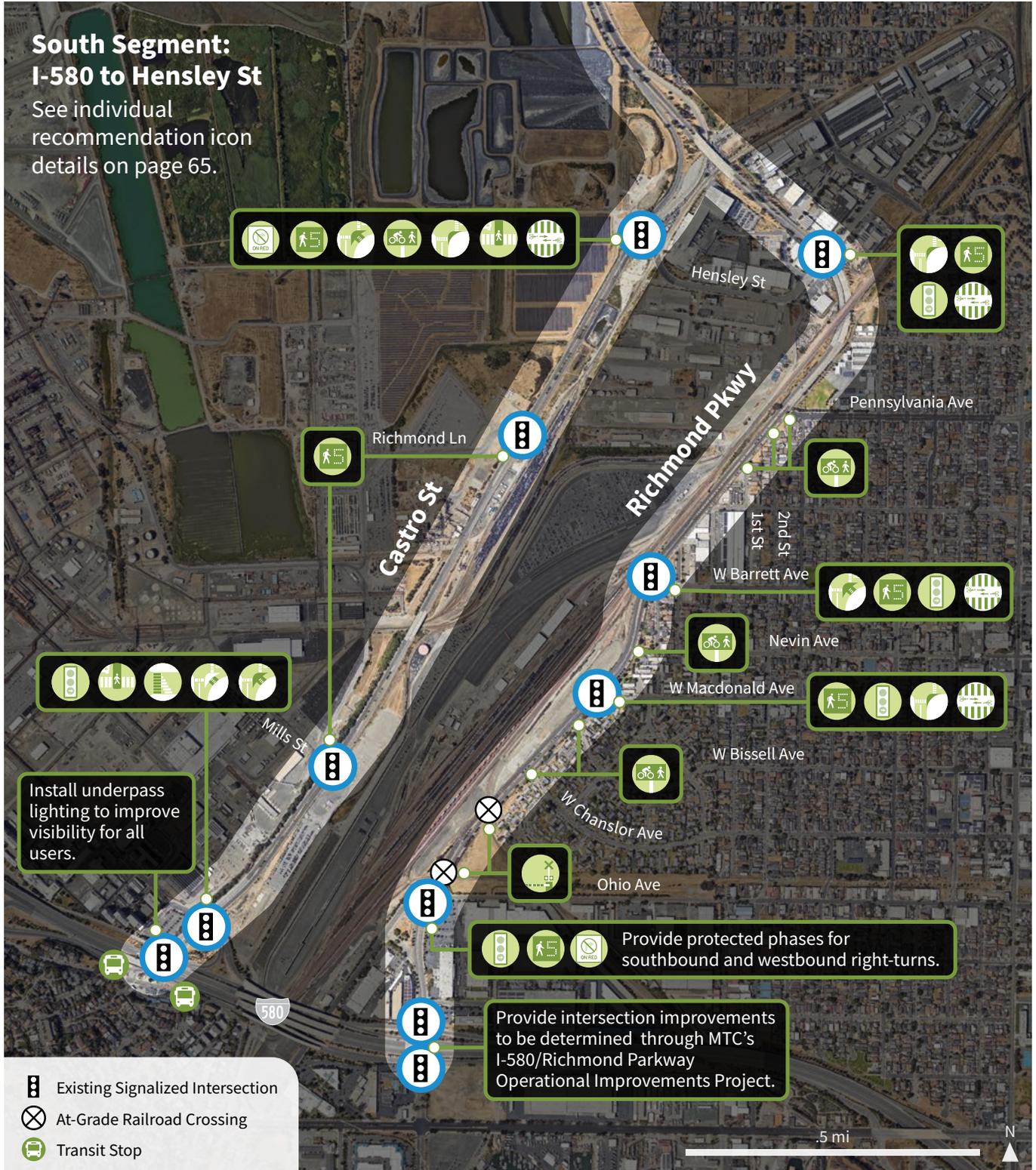
STRIPE TRAIL CROSSING

Stripe crosswalk to indicate trail crossing and improve user visibility.

Figure 25:

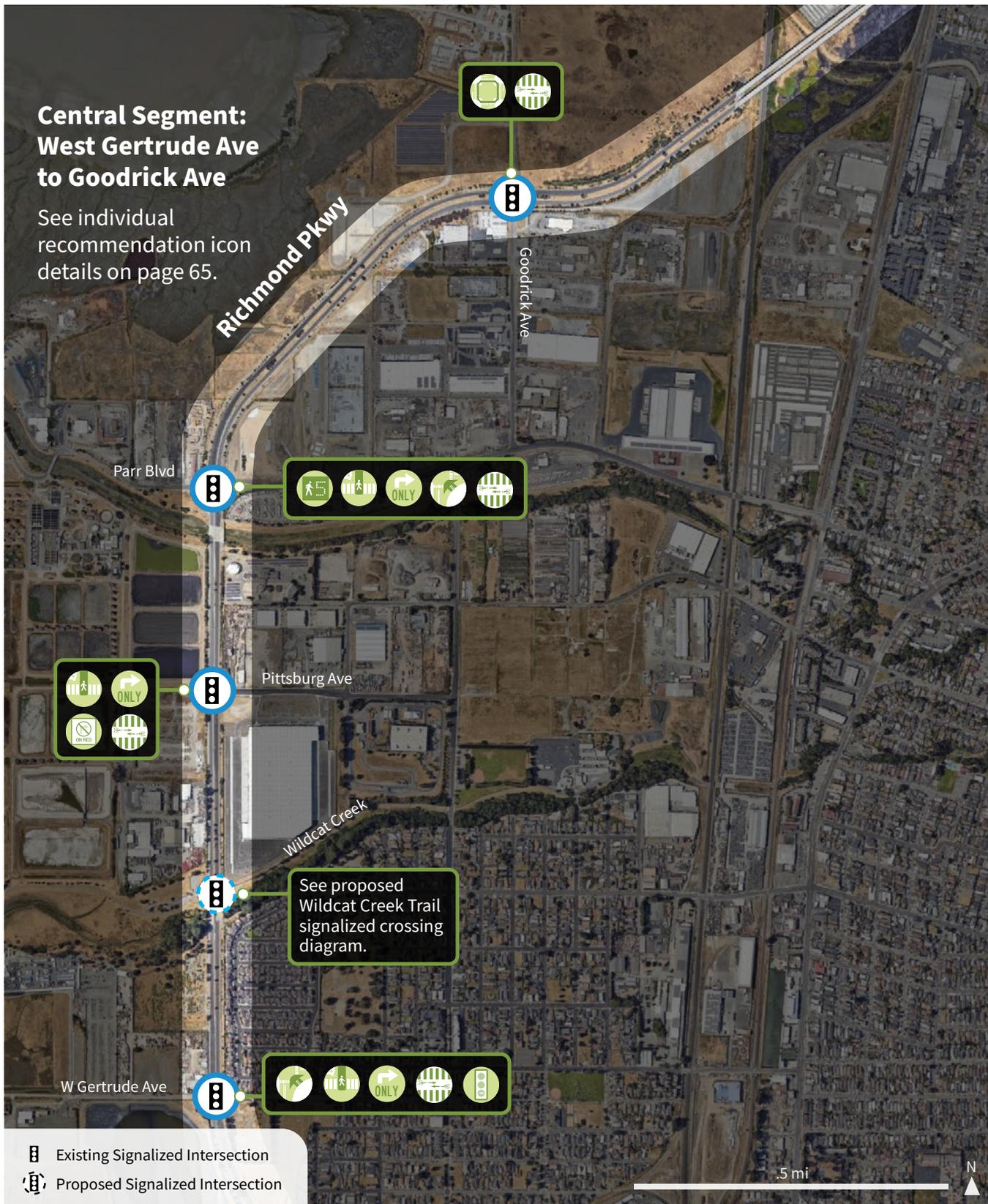
Intersection Safety Recommendations (Cont.)

S-1



Central Segment: West Gertrude Ave to Goodrick Ave

See individual
recommendation icon
details on page 65.



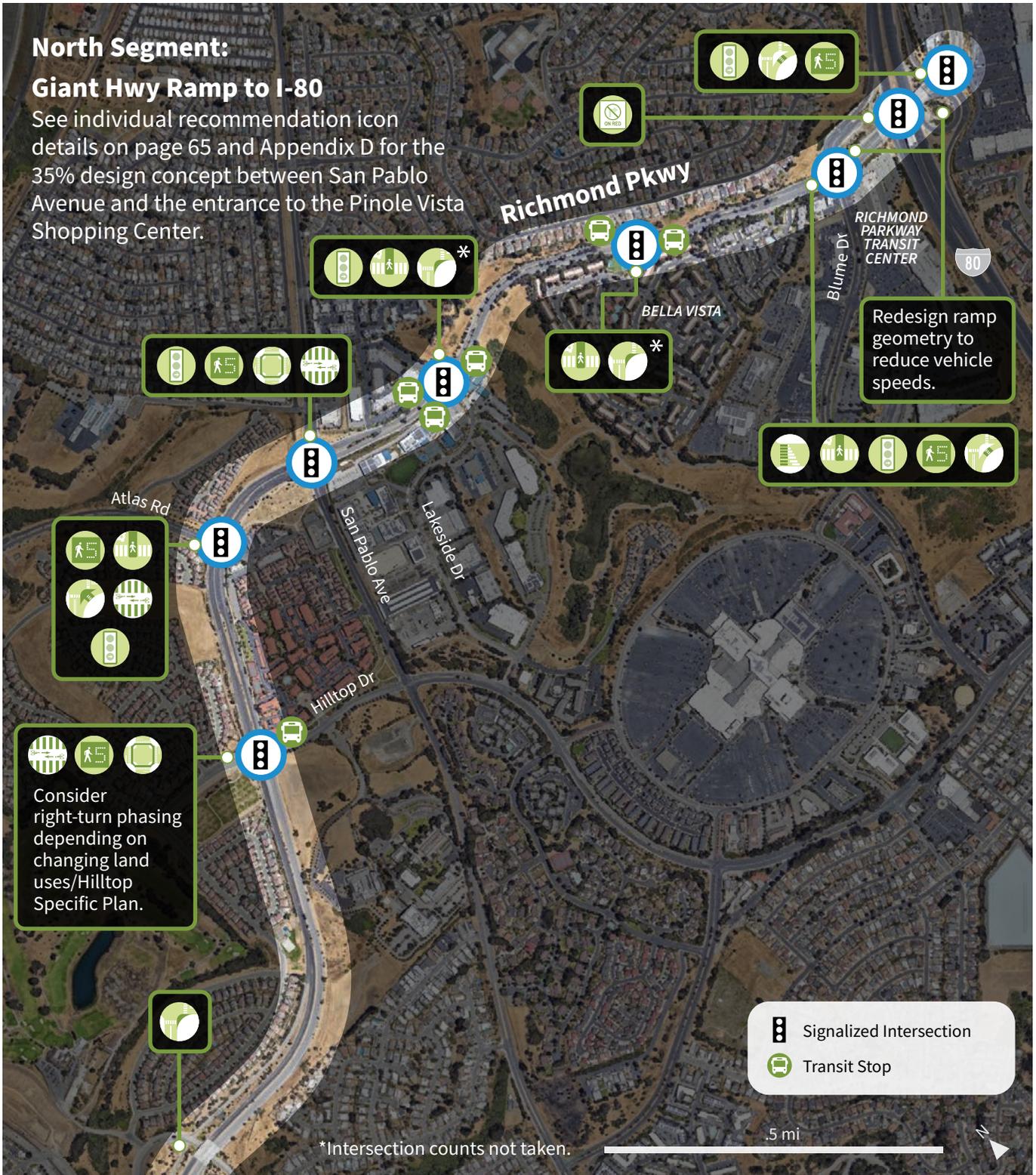
Intersection Safety Recommendations (Cont.)

S-1

North Segment:

Giant Hwy Ramp to I-80

See individual recommendation icon details on page 65 and Appendix D for the 35% design concept between San Pablo Avenue and the entrance to the Pinole Vista Shopping Center.



S-2 SAFETY

\$\$\$\$

Reduce speeding

Goals Alignment

Meets Many Goals



Lead Agency

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

Coordinating Agency

City of Richmond: PD;
California Highway
Patrol

Completion Timeframe

3 to 5 years

Actions

Install speed-monitoring systems

Add radar speed feedback signs or implement pilot of speed cameras at high speeding locations. Speed cameras are currently not allowed under state law, but legislation passed in 2023, Assembly Bill 645, authorizes six designated cities across California to implement a speed camera pilot program.

Indicate speed limits

Add speed limit signs and lower the speed limit throughout the Parkway if allowed under state law.

Benefits

Safer streets for all

This strategy could lead to a **20% reduction** in all collisions.¹

1. Caltrans, Local Roadway Safety Manual, 2024; FHWA, CMF Clearinghouse, 2024.

Additional Details

Radar speed signs

Radar speed feedback signs are cost-effective traffic calming solutions that reduce average vehicle speeds and slow speeding drivers.

Image Source: Trafficalm.



WB-1 WALKING AND BIKING

\$\$\$\$

Upgrade bikeways and connect sidewalk gaps

Goals Alignment 

Meets Most Goals



Lead Agency 

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

Coordinating Agency 

MTC, CCTA, WCCTC, City of Pinole, EBRPD

Completion Timeframe 

6 to 10 years

Actions

Upgrade Bay Trail facilities

Upgrade the Bay Trail to align with Bay Trail Design Guidelines, including adding clear and visible signage, particularly where the Bay Trail transitions to bikeways on Richmond Parkway. Realign Bay Trail between Hensley St and Gertrude Ave to western side of Castro St and Richmond Parkway. Create buffers to physically separate bicyclists from motor vehicle traffic using landscaping to enhance bicyclist comfort and safety. Coordinate with the San Francisco Bay Restoration Authority on the Living Levy project plans to improve pedestrian and operations access along Pittsburg Ave.

Install high-quality on-street bikeways

Install bike facilities, independent of the Bay Trail, with physical buffers to separate bicyclists from motor vehicles and improve bicyclist comfort and safety. Ensure bike lanes and intersections are adequately illuminated, particularly in high-traffic areas.

Close sidewalk gaps

Install new sidewalks to close sidewalk gaps. Where sidewalk is missing on one side of the street along inactive land uses, condition future developers to install sidewalks.

Benefits

Increased access for pedestrians

Creates a more direct and usable path for pedestrians along the entire Parkway, improving connections to bus stops, Richmond Parkway Transit Center, nearby parks, schools, and community services.

Increased access for bicyclists¹

Within 20 minutes, residents near the North segment would be able to access up to...

Within 20 minutes, residents near the Central segment would be able to access up to...

Within 20 minutes, residents near the South segment would be able to access up to...

2x more amenities²

3x more jobs

3x more park area by biking

5x more amenities²

2.5x more jobs

4x more park area by biking

10% more amenities²

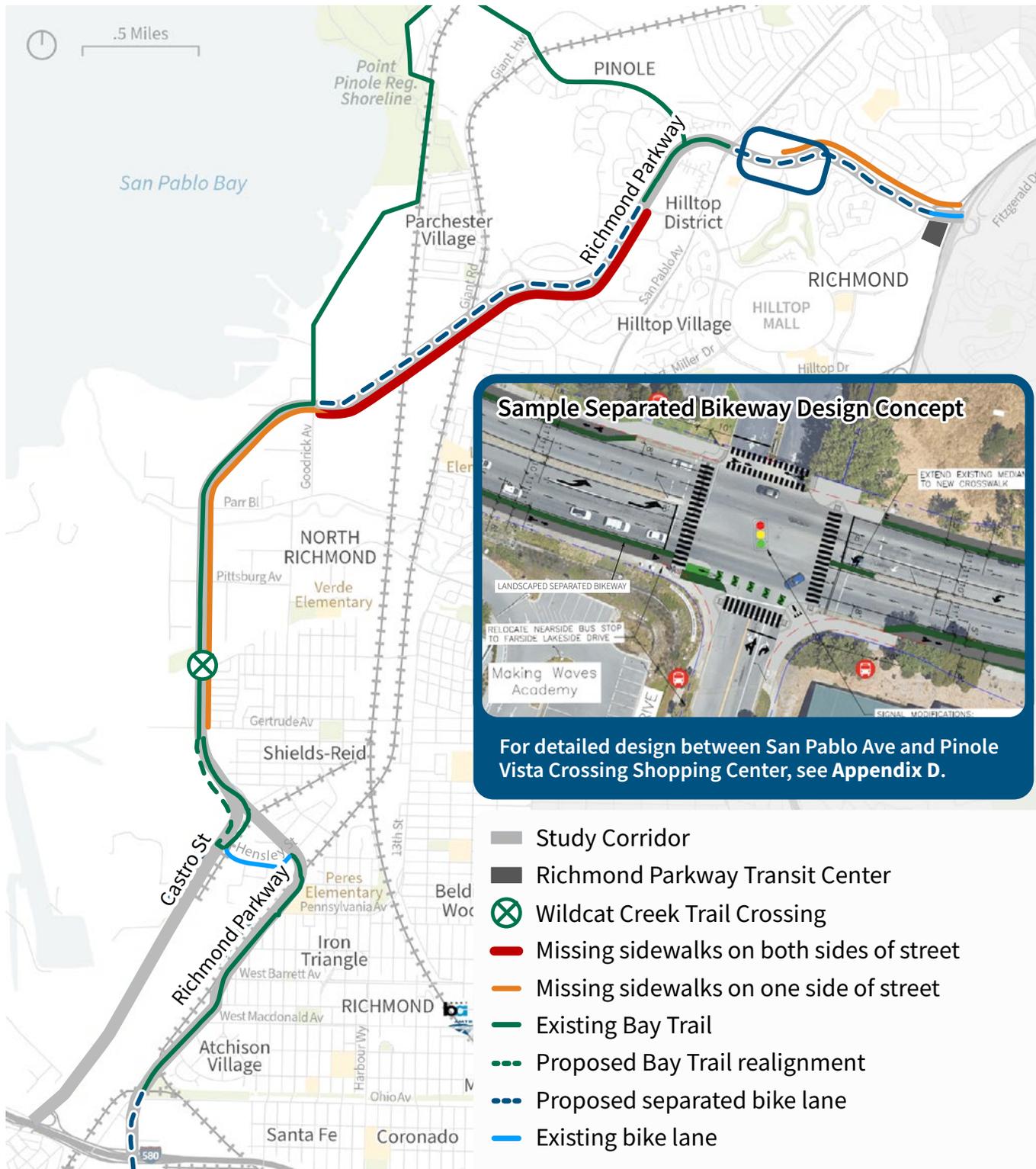
20% more jobs

5% more park area by biking

1. ESA, 2024; TravelAccess+, Fehr and Peers, 2024; LEHD, 2023. North segment includes areas east of San Pablo Ave and north of El Portal Dr, covering Tara Hills, Hilltop Village, Hilltop District, and Rollingwood. Central segment includes areas west of San Pablo Ave and north of Gertrude Ave/Costa Ave, covering San Pablo, North Richmond, and Parchester Village. South segment includes areas south of Gertrude Ave/Costa Ave, including Shields-Reid, Iron Triangle and Santa Fe.

Figure 26:

Sidewalk Gaps and Recommended Bikeways



Source: Richmond Bicycle and Pedestrian Action Plan, 2023.

WB-2 WALKING AND BIKING

\$\$\$\$

On-street Wildcat Creek Trail crossing

Goals Alignment

Meets Many Goals



Lead Agency

Contra Costa
County: Public
Works

Coordinating Agency

EBRPD, City of
Richmond: Public Works,
MTC, West County
Wastewater, WCCTC

Completion Timeframe

3 to 5 years

Actions

Add a signalized crossing

Develop at-grade signalized multi-use crossing of Wildcat Creek Trail, install lighting, add signage along Wildcat Creek Trail to indicate distance traveled or what facilities are provided/nearby.

Benefits

Increased multimodal access

Improving the Wildcat Creek Trail Crossing through near-term improvements would connect nearly 1 mile of trail east of the Parkway with 1.4 miles of trail west of the Parkway when the underpass is flooded, resulting in a total of **2.2 miles of low stress bicycle facilities**.¹

Improved crossing usage and experience

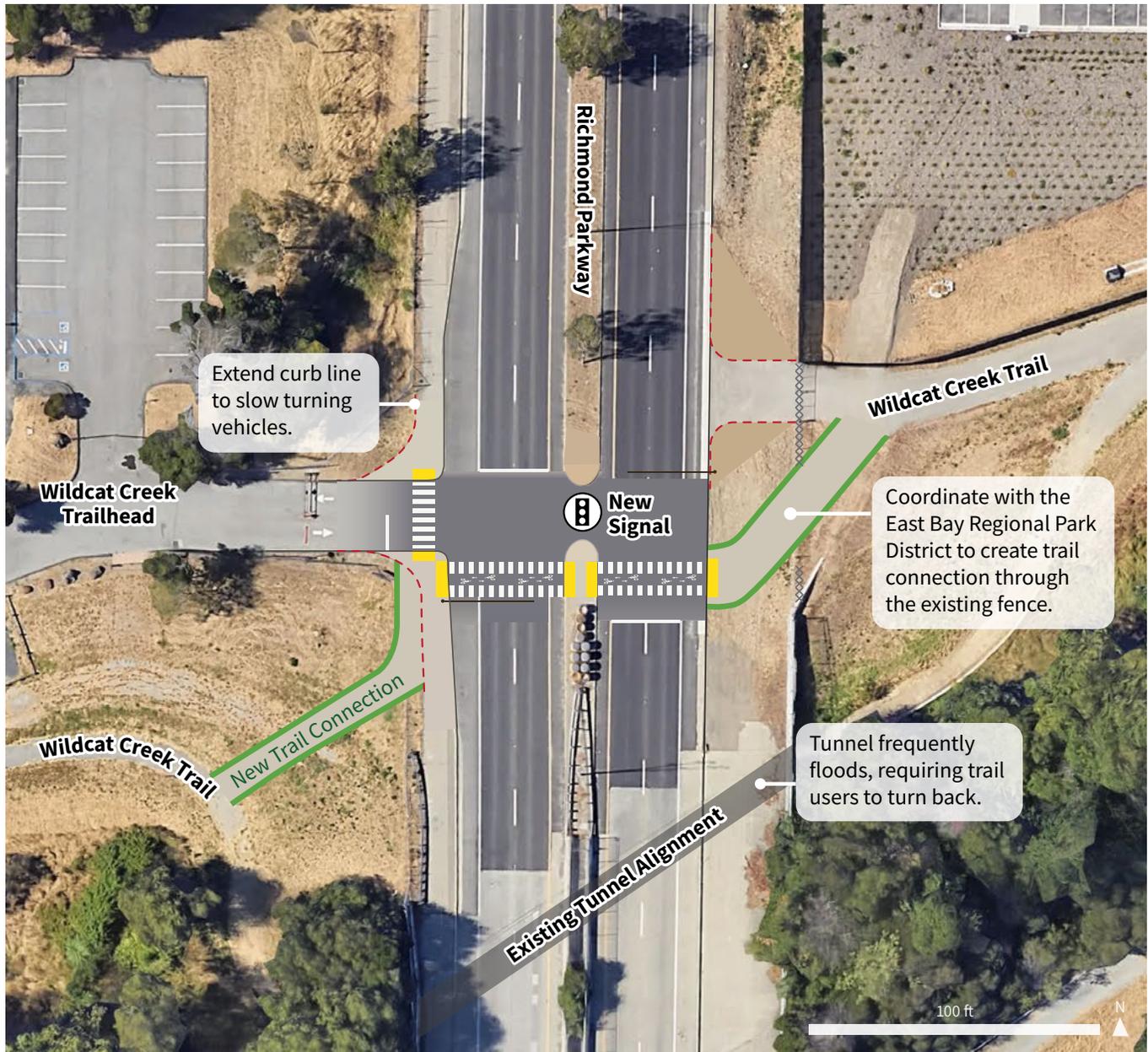
Provides a **functioning, year-round crossing** resilient to sea level rise effects and resolves the current flooding of the existing tunnel.

1. Fehr & Peers, 2024.

Previous planning efforts, such as the **San Francisco Estuary Partnership’s Restoring Wildcat Creek: Community-Led Watershed Health Update and Priority Project Implementation** project, have identified a community desire for a grade-separated crossing at this location. The Richmond Parkway Transportation Plan recommends installing a signalized crossing to improve conditions in the nearer term as overcrossing costs are significant and will require a longer time horizon to fund and construct.

Figure 27:

Proposed Signalized Crossing at Wildcat Creek Trail



DG-1 DRIVING AND GOODS MOVEMENT

\$\$\$\$

Upgrade and coordinate traffic signals

Goals Alignment

Meets Many Goals



Lead Agency

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

Coordinating Agency

Caltrans, MTC

Completion Timeframe

3 to 5 years

Actions

Implement signal coordination

Implement signal coordination along the Parkway in the peak period and optimize corridor-wide cycle lengths. Consider signal operations, pedestrian delay, and impact on speed.

Upgrade signal infrastructure

Install a connected battery backup system and a central signal management system. Upgrade signal hardware and software to allow automated traffic signal performance measures. Investigate, test, and deploy a system that allows for emergency vehicle preemption and transit prioritization at signalized intersections. Consider an adaptive traffic signal system.

Benefits

Travel time savings¹

Coordinating the signals along the Parkway could save drivers up to...

13 minutes

in the **northbound** direction in the **afternoon** peak period.

3 minutes

in the **southbound** direction in the **morning** peak period.

Reduced idling

Time travel savings may reduce vehicle **emissions and driver frustrations** from sitting at lights, improving local air quality and discouraging dangerous driving actions such as running red lights, speeding, and driving on the shoulder lane.

Improved emergency services and bus reliability

Signal priority for emergency services or transit at signalized intersections can **improve the speed** of emergency responders in reaching a scene and **increase the time available** for making critical decisions, as well as improve or increase **bus reliability** along the corridor.

1. Fehr & Peers, SimTraffic Model, 2024. Travel time savings are greater in the northbound direction since it is more heavily impacted by existing traffic congestion, particularly during the evening commute period as discussed in Chapter 2.

Additional Details

Traffic signal coordination

Coordinating traffic signals synchronizes the timing of multiple intersections to improve traffic flow and reduce delays. This can result in less braking, improve goods movement efficiency, and discourage neighborhood cut-through traffic. Contra Costa Transportation Authority (CCTA) is currently leading a Smart Signals Project to upgrade and coordinate traffic signals at over 300 intersections throughout the county to optimize traffic flow and reduce congestion, providing a potential avenue for traffic signal funding on the Parkway.

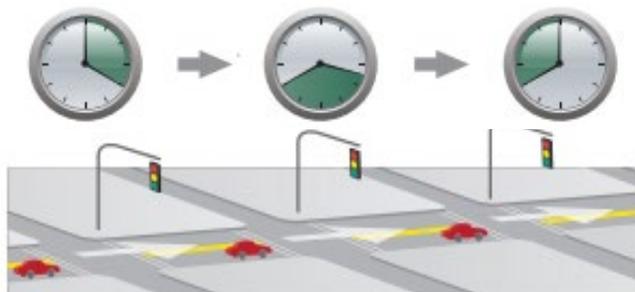
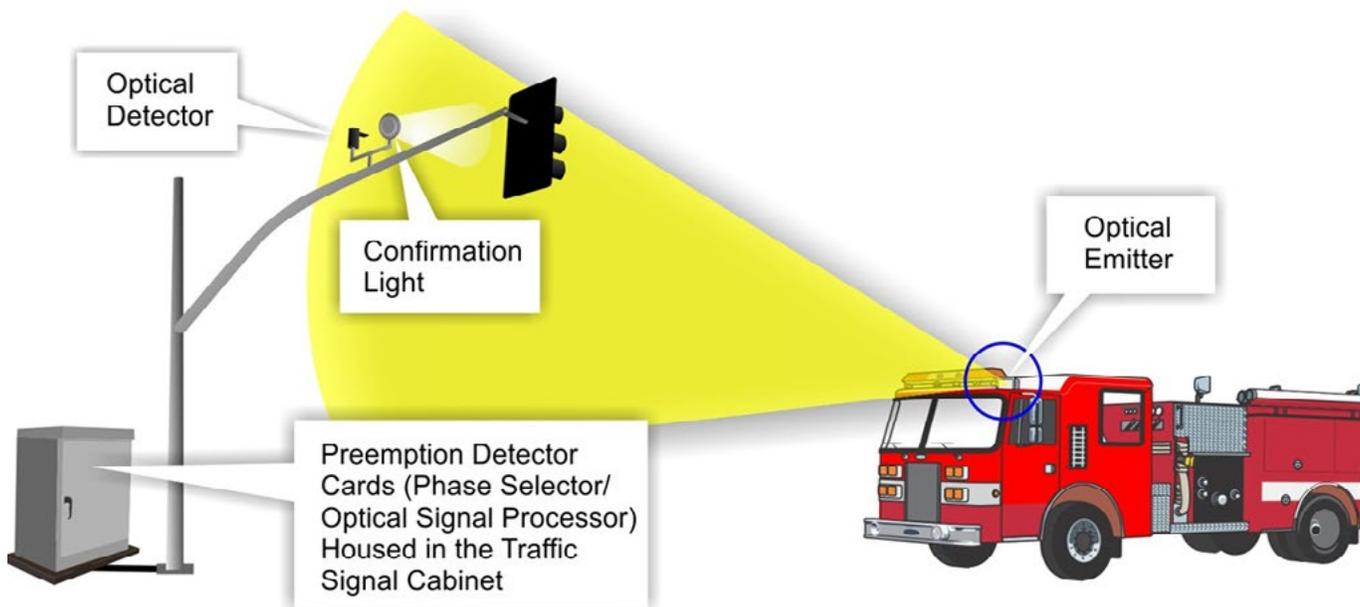


Image source: UDOT.



Emergency vehicle preemption (EVP) technology

EVP technologies allow signals to modify their signal timing to provide a green light as soon as possible for an approaching emergency vehicle.

Image source: Maripoca Association of Governments.

M-1

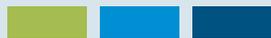
MAINTENANCE

\$\$\$\$

Implement cross-jurisdictional maintenance program

Goals Alignment

Meets Most Goals



Lead Agency

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

Coordinating Agency

CCTA, WCCTC

Completion Timeframe

2 to 4 years

Actions

Implement a corridor-wide maintenance program with a maintenance manager

Implement a consistent management program assigned to upkeep the Parkway and provide a plan on what maintenance is, how it is performed, how it can be budgeted, and why it is needed. Consider maintenance agreement stating staff time commitments, legal resources, support from elected officials, and the process to identify a regional funding source.

The program will need to determine the feasible maintenance level, associated analyses, and implementation costs for, but not limited to, the following items: roadway pavement, striping, shared use path pavement, signage life, signals, street lights, street sweeping, drainage systems, and vegetation. Following program development, which may be developed with the assistance of a maintenance consultant, identify a cross-jurisdictional maintenance manager for implementation.

Benefits

Reduced emissions and costs to drivers

Improved pavement conditions could save drivers up to **4%-10%** of fuel consumption, repair and maintenance, and tire wear. Reducing fuel consumption and tire wear reduces emissions and microplastics, improving air and water quality and protecting the environment by reducing the use of natural resources.^{1,2}

Improved safety

Improved pavement friction at intersections provides numerous benefits: improved driver control, reduced stopping distances, reduced skidding, and a **20% reduction** in total intersection crashes.³

Improved coordination and response

Consolidating maintenance responsibilities under one central manager allows for improved coordination between agencies, cost savings due to consolidation, and a **more timely response** to concerns.

1. SMOOTHNESS MATTERS, Asphalt Pavement Alliance, 2008.

2. Reynolds, R. L., Molden, N., Kokaly, R. F., Lowers, H., Breit, G. N., Goldstein, H. L., et al. (2024). Microplastic and associated black particles from road-tire wear: Implications for radiative effects across the cryosphere and in the atmosphere. *Journal of Geophysical Research: Atmospheres*, 129, e2024JD041116.

3. How Pavement and Bridge Conditions Affect Transportation System Performance, FHWA, 2023.

Additional Details

Pavement Condition Index (PCI) Scores

Consistent pavement maintenance helps extend the useful life of pavement. PCI scores measure the health of a road's pavement, ranging from 0 (worst) to 100 (best). A PCI score of at least 70 is desired. Factors that affect a PCI score include the age of the pavement/when the roadway was last paved, climate and precipitation, traffic loads, and available maintenance funding. Keeping the Parkway in good pavement condition will require more constant maintenance due to consistent heavy truck traffic; this may include pavement milling and overlaying with digouts, slurry sealing, and practices that better accommodate the weight of trucks. Regularly maintaining the roadway is less costly than major pavement reconstruction.

MTC's StreetSaver software includes network PCI data as well as projected PCI information, assuming various maintenance scenarios, to help jurisdictions make maintenance decisions. The current PCI scores across different segments of Richmond Parkway range from 3 to 92. Segments with low PCI scores would require reconstruction of the pavement surface whereas segments with a high PCI score could be treated with a slurry seal.



Castro Street approaching Richmond Lane in good pavement condition (high PCI score) in 2013.

Image source: AA Roads, 2013.

T-1 TRANSIT

\$\$\$

Improve access to the Richmond Parkway Transit Center

Goals Alignment

Meets Many Goals



Lead Agency

AC Transit, City of Richmond: Public Works, MTC¹

Coordinating Agency

Caltrans, CCTA, WestCAT, WCCTC

Completion Timeframe

3 to 5 years

Actions

Support transit access

Install bus pullout stops on Richmond Parkway for Richmond Parkway Transit Center (RPTC) routes and shift eastbound bikeway south of the bus stops. These bus bays would allow southbound buses traveling from I-80 or eastbound buses from Richmond Parkway to serve riders without turning onto Blume Drive and circulating within the Transit Center, saving a significant amount of time (northbound or westbound buses would still be required to enter the Transit Center).¹

Support pedestrian access

Develop formal pedestrian connection between the northwest corner of the RPTC and Richmond Parkway. Upgrade faded crosswalk markings within the Transit Center.

Provide bicycle storage

Install bike lockers at the RPTC consistent with the Association of Pedestrian & Bicycle Professionals guidance.

Benefits

Improve transit reliability

Access enhancements would reduce travel time delays associated with buses circulating within the RPTC, saving approximately **13,000 annual rider hours** for WestCAT express routes. Time travel savings across operators would be greater.²

Support potential mode shift

Providing secure bicycle lockers for **long term parking (2+ hours)** encourages bicycle owners to bike to transit as a first/last mile connection.³

Improve pedestrian experience

Creating a direct formal pedestrian connection from the Parkway would **enhance comfort and access** for users who currently walk through landscaping or take a less direct route from Blume Drive to enter the RPTC. Providing a marked crosswalk will also **improve visibility** of these pedestrians.

Additional Details

Richmond Parkway Transit Center Access Enhancement

Improvements would install three new curbside bus stops, a rerouted separated bikeway, and a direct pedestrian connection for users coming in and out of the RTPC.

Source: West Contra Costa County Express Bus Implementation Plan, WCCTC, 2020.



Bike lockers

Providing bike lockers will provide safe storage areas for people to store their bicycles, supporting a potential mode shift, as secure bicycle storage does not currently exist at the Richmond Parkway Transit Center.



1. MTC is considering the implementation of this strategy as part of its Bay Bridge Forward work along I-80.
2. West Contra Costa County Express Bus Implementation Plan, WCCTC, 2020.
3. Bicycle and Transit Integration, A Practical Transit Agency Guide to Bicycle Integration and Equitable Mobility, APTA, 2018.



1. Existing trees along Richmond Parkway sequester emissions, provide shade, and create a more interesting and welcoming roadway environment.

2. Unique bike crossing striping indicates the existence of the Bay Trail at Richmond Parkway and W MacDonald Ave.

3. Graffiti on Bay Trail and bike signage reduces the visibility of signs and contributes to a neglected environment feel.



Additional funding is needed to upgrade the Bay Trail along Richmond Parkway to align with Bay Trail Design Guidelines, as outlined in the priority strategies.

CHAPTER 6

Implementation and Funding

IMPLEMENTING THE PRIORITY STRATEGIES

Given the regional and economic importance and 9-mile span of the Parkway, implementation will require multi-jurisdictional efforts and substantial funding. **Table 4** highlights partnership opportunities and jurisdictional responsibility for each of the priority strategies introduced in **Chapter 5**. For each priority strategy, lead agencies, coordinating agencies, cost estimates, and completion timeframes for delivering the strategy are listed. Agencies

Table 4: Priority Strategies Implementation Plan

Category	ID	Strategy Name	Lead Agencies
Public Health	PH-1	Confirm and enforce truck routes in North Richmond	Contra Costa County: Planning, Public Works, CHP
	PH-2	Incorporate trees and green infrastructure	City of Richmond: Public Works; Contra Costa County: Public Works
	PH-3	Minimize vehicle impacts to air quality	Contra Costa County: Planning; City of Richmond: Public Works
Safety	S-1	Install safety improvements at intersections	Contra Costa County: Public Works; City of Richmond: Public Works
	S-2	Reduce speeding	City of Richmond: Public Works; Contra Costa County: Public Works
Walking and Biking	WB-1	Upgrade bikeways and connect sidewalk gaps	City of Richmond: Public Works; Contra Costa County: Public Works
	WB-2	Install on-street Wildcat Creek Trail crossing	Contra Costa County: Public Works
Driving and Goods Movement	DG-1	Upgrade and coordinate traffic signals	City of Richmond: Public Works; CCTA
Maintenance	M-1	Implement cross-jurisdictional maintenance program	Contra Costa County: Public Works; City of Richmond: Public Works
Transit	T-1	Improve access to the Richmond Parkway Transit Center	AC Transit; City of Richmond: Public Works; MTC

Completion timeframe covers program development. Additional costs will vary depending on program development.

1. Assumes a 4% inflation rate with construction occurring in 2030. Some costs may be duplicated across strategies, such as landscaping under PH-2 and landscape separated bikeways under WB-1. 2. See **Appendix F** for more details on cost estimates.

3. Funding already secured via CNRA Urban Greening Grant for tree planting along Richmond Parkway adjacent to Atchison Village

identified as lead have jurisdiction over the priority strategy and will have ultimate decisionmaking power during implementation. Coordinating agencies may have prior planning knowledge or funding streams valuable for implementation, be working on similar efforts or efforts affected by the strategy, or have a role in post-implementation operation. For example, MTC could have

a role in identifying funding for Bay Trail improvements in strategy WB-1. Lead agencies and coordinating agencies may work together to identify funding sources for the priority strategies, which altogether are estimated to cost between \$130M and \$150M. Lead agencies can look for opportunities to initiate these strategies immediately regardless of target completion timeframe.

Coordinating Agencies	Cost Estimate ^{1,2}	Completion Timeframe Target
WCCTC, Caltrans, City of San Pablo, City of Richmond	Planning: \$40,000 Truck monitoring/enforcement camera: \$30,000 per location	0-2 years
Groundwork Richmond, Contra Costa County: Planning	\$2,900,000 to \$7,420,000 per mile ³	Ongoing
BAAQMD, City of Richmond: Planning, Contra Costa County: Planning, CHP	Planning: \$15,000	0-2 years
Caltrans, MTC, West County Wastewater, CCTA	\$1,100,000 per intersection	6-10 years
City of Richmond: PD, CHP	Speed limit study: \$10,000 Speed signs: \$55,000 total ⁴	0-2 years
MTC, CCTA, WCCTC, City of Pinole, EBRPD	Sidewalks: \$4,400,000 per mile Separated Bikeways: \$18,000,000 per mile Bay Trail: \$7,960,000 ⁵	6-10 years
EBRPD, City of Richmond: Public Works, MTC, West County Wastewater, WCCTC	\$2,560,000	3-5 years
Caltrans	\$5,500,000 for the corridor (23 intersections)	3-5 years
CCTA, WCCTC	Pavement treatment: \$32,790,000 General maintenance: \$483,100 annually	2-4 years
Caltrans, CCTA, WestCAT, WCCTC	Parkway bus stops and pedestrian connection: \$1,297,000 Bicycle lockers: \$55,500	3-5 years

and in North Richmond. Other segments require funding. Low end of range assumes general landscaping only, while high end of range assumes bioretention with landscaping. 4. Speed cameras currently not permitted under state law. Costs to be determined when legalized. 5. Includes cost of Bay Trail realignment between Gertrude Avenue and Hensley Street and path widening between Parr Boulevard and Gertrude Avenue.

To advance the priority strategies in the near-term, **Table 5** includes immediate next steps for lead agencies to undertake as well as future steps. WCCTC and CCTA may assist with preparing grant applications, but lead agencies should also consider short-term mitigation measures for safety and accessibility through existing City/County programs. Due to the length of the corridor, capital improvement strategies should be grouped by corridor segment and assembled as packages for funding applications. For example,

Appendix D includes a 35% design concept for a landscape separated bikeway on the northern segment of Richmond Parkway, which incorporates multiple priority strategies. Lead agencies can use the design concept to pursue funding in the near-term to address several existing challenges on this segment, including a concentration of speed-related injury collisions, absence of separated bikeways connecting to the Richmond Parkway Transit Center (RPTC), and an indirect bus connection to the RPTC.

Table 5: Priority Strategies Implementation Next Steps

Action	Priority Strategy ID	Next Steps	Future Steps
Advance 35% design concept for northern segment of Richmond Parkway¹	PH-2, S-1, S-2, WB-1, WB-2, T-1	Pursue funding, such as from the RAISE Grant, RM3, and OBAG, to finalize design and construct project. ²	Pursue funding for concept development for remaining segments of the Parkway and Bay Trail.
Confirm and enforce truck routes in North Richmond	PH-1	Given low implementation cost, assess existing staffing capacity and City/County funding sources to advance planning component.	Apply for funding if needed. ²
Minimize vehicle impacts to air quality	PH-3		
Upgrade and coordinate traffic signals	DG-1	Confirm previously-studied recommendations from the 2019 Program for Arterial System Synchronization (PASS) Report.	Apply for funding ² and advocate for inclusion in CCTA's Countywide Smart Signals Project.
Implement Roadway Pavement and Maintenance Management Program	M-1	Confirm the City and County's interest in pursuing the action by considering an agreement.	Negotiate agreement, identify a regional funding source, and determine guidelines for program development.

1. Segment includes Richmond Parkway between San Pablo Avenue and the entrance to the Pinole Vista Shopping Center. The segment carries multiple bus routes and bike lanes, connects to the Richmond Parkway Transit Center, and borders Equity Priority Community census tracts. See **Appendix D** for the 35% design concept and cost estimates. 2. List of potential funding sources by priority strategy is provided in **Appendix E**. WCCTC and CCTA may assist with preparing grant applications.

POTENTIAL CURRENT FUNDING SOURCES

To fully implement the many strategies in this plan, substantial funding will be needed. A full list of potential funding sources is provided in **Appendix E**. A sample of current federal, state, and regional funding sources that are aligned with priority strategies are presented below. Given the recent federal administration change, federal funding sources may become less available. Therefore, regional and countywide measures may offer the most promising funding opportunities.

Lead agencies may determine how to prioritize the implementation of the strategies, including the priority strategies. WCCTC will continue to support project partners in pursuing funding options for the strategies, including regional sources.

Rebuilding American Infrastructure with Sustainability and Equity Grant Program (RAISE)

RAISE grants are awarded to surface transportation projects that are consistent with the Department’s strategic goals and will have significant local or regional impact.

Next Cycle: FY2025

When to Apply: Early 2025

Maximum Amount: \$25M per project

Funding Source:



Federal



State



Regional

Administered By:



U.S. Department of Transportation Office of the Secretary

Lead Agencies:

Contra Costa County

City of Richmond

Applicable Strategies:

S-1

WB-1

DG-1

T-1

Bay Trail at the intersection of Hilltop Drive and Richmond Parkway.

Local Highway Safety Improvement Program (HSIP)

The HSIP Program funds work on any public road or publicly owned bicycle or pedestrian pathway or trail, or on tribal lands for general use of tribal members, that improves the safety for its users.

Next Cycle: Cycle 13

When to Apply: As early as May 2026

Maximum Amount: \$10M per project

Funding Source:



Federal



State



Regional

Administered By:



Caltrans Division of Local Assistance

Lead Agencies:

Contra Costa County

City of Richmond

Applicable Strategies:

S-1

S-2

WB-1

Regional Measure 3 (RM3)

RM3 provides funding for a comprehensive suite of highway and transit improvements through an increase of tolls on the San Francisco Bay Area’s seven state-owned toll bridges. RM3 has about \$10 million that could be allocated to the priority strategies.

Next Cycle: Monthly

When to Apply: Monthly

Maximum Amount: \$160M for Goods Movement, \$150M for Bay Trail and Safe Routes to Transit

Funding Source:



Federal



State



Regional

Administered By:



Metropolitan Transportation Commission

Lead Agencies:

Contra Costa County

Contra Costa Transportation Authority

City of Richmond

Applicable Strategies:

PH-1

S-1

WB-1

WB-2

DG-1

T-1

Local Partnership Program Formula & Competitive Programs (LPP)

The LPP Program provides funding to local and regional agencies to improve aging infrastructure, road conditions, active transportation, transit and rail, and health and safety benefits.

Next Cycle: 2026

When to Apply: Fall 2026

Maximum Amount: \$25M per project

Funding Source:



Federal



State



Regional

Administered By:



Caltrans Division of Local Assistance



California Transportation Commission

Lead Agencies:

Contra Costa Transportation Authority
City of Richmond

Applicable Strategies:

S-1

WB-1

WB-2

M-1

T-1

One Bay Area Grant Program (OBAG)

The One Bay Area Grant (OBAG), now in its third iteration, distributes federal transportation funding from the Federal Highway Administration to projects and programs that improve safety, spur economic development and help the Bay Area meet climate change and air quality improvement goals.

Next Cycle: OBAG 4

When to Apply: As early as 2026

Maximum Amount: \$47.3M for Contra Costa County for 2023-2026

Funding Source:



Federal



State



Regional

Administered By:



Metropolitan Transportation Commission



Contra Costa Transportation Authority

Lead Agencies:

Contra Costa County
Contra Costa Transportation Authority
City of Richmond

Applicable Strategies:

PH-2

S-1

WB-1

WB-2

DG-1

T-1

POTENTIAL FUTURE FUNDING SOURCES

Since the Richmond Parkway is a regional facility, funding streams paid for by regional users should be considered. Potential future funding sources may include a new sales tax, regional measure, Enhanced Infrastructure Financing District (EIFD), and/or Benefit Assessment District. These options are described

on the following pages. These tools could provide long-term, stable funding sources for priority strategies that require ongoing efforts, such as maintenance. Electeds and staff at the City of Richmond, Contra Costa County, and WCCTC will need to continue to advocate for project inclusion in future expenditure plans.



Faded crosswalk and degraded pavement at Goodrick Avenue and Richmond Parkway.

Transportation Sales Tax

A new Contra Costa transportation sales tax would generate stable funding for capital and operating uses laid out in an Expenditure Plan. Approval of the sales tax requires a ballot measure with two-thirds voter support.

Potential Sponsors:

Contra Costa Transportation Authority
City of Richmond

Applicable Strategy Categories:

Public Health

Safety

Walking and Biking

Driving and Goods Movement

Maintenance

Transit

Contra Costa County Measure J

In November 2004, Contra Costa voters approved Measure J with a 71% vote. The measure provided for the continuation of the county’s half-cent transportation sales tax for 25 more years beyond the original expiration date of 2009. The tax revenues fund a voter-approved Expenditure Plan of transportation programs and projects. Measure C, the precursor to Measure J passed in 1988, was used to construct the Parkway.



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

Regional Measures

A new Bay Area-wide regional measure such as a sales tax, property tax, or increased tolls could fund transportation projects included in an Expenditure Plan.

Potential Sponsors:

Metropolitan Transportation Commission
Contra Costa Transportation Authority

Applicable Strategy Categories:

Safety

Maintenance

Walking and Biking

Transit

Driving and Goods Movement

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: Toll station, East Bay Times (2023)

Enhanced Infrastructure Financing District (EIFD)

EIFDs allow for a separate government entity to be created by a city and/or county within a defined area to finance infrastructure projects with community-wide benefits. EIFDs use tax increment financing to reallocate a portion of future property taxes to fund infrastructure projects, meaning this option does not increase taxes or require voter approval. Further analysis is needed to understand the costs and benefits of this funding option.

Potential Sponsors:

Contra Costa County
City of Richmond

Applicable Strategy Categories:

Public Health

Walking and Biking

Maintenance

Transit

City of Placentia/County of Orange EIFD

The City of Placentia and County of Orange formed the first city and county partnership EIFD in 2019. The EIFD was formed to fund transit-supportive and housing-supportive infrastructure in the communities to the north and south of the upcoming Placentia Metrolink Station.



Source: Placentia Metrolink Station rendering, City of Placentia EIFD StoryMap, SCAG (2024)

Benefits Assessment Districts (BADs)

BADs are established for specific geographic areas to receive special benefits from public improvements and services, such as lighting and landscaping. Districts are funded through a property assessment and require majority voter approval from impacted property owners. Sufficient development is required to establish a BAD, so this would not be a comprehensive funding option for the corridor.

Potential Sponsors:

City of Richmond
Contra Costa County

Applicable Strategy Categories:

Public Health

Maintenance

Hilltop Landscape Maintenance Assessment District

The City of Richmond’s Hilltop Landscape Maintenance Assessment District provides maintenance and servicing of landscaping in three zones located in the northern area of Richmond. This section of Lakeside Drive just south of Richmond Parkway is part of the District and serviced by this Benefit Assessment District.



Source: Lakeside Drive, Google Maps (2022)



CONTRA COSTA
transportation
authority

Planning the Future of Transportation through the Countywide Transportation Plan

WCCTC



Agenda

1. CTP & Business Plan Overview
2. Draft Livable Streets Proposal and Discussion
3. Focus on the WCCTC Area
4. Draft Livable Streets Design Expectations and Discussion
5. Wrap-Up and Next Steps



Today's Objectives

We will share with you

- Overview of the CTP and Business Plan processes
- Introduction to the draft Livable Streets Proposal
- Draft design expectations associated with the Livable Streets Proposal

Highlight key challenges

- Most streets in Contra Costa are currently auto-oriented
- This creates negative safety and environmental outcomes and impedes thriving places
- Target speeds, modal priorities, and bike/ped infrastructure need to be right-sized to surrounding land use context

Explore paths forward

- Development of Livable Streets Proposal to improve safety, livability, placemaking, and equity in Contra Costa
- Livable Streets tied to design expectations that can be used in CCTA funding decisions in the future

CTP & Business Plan Overview

Setting and delivering a 2050
vision



Background Context



2050 Blueprint

Provides a vision for placemaking, mobility, and prosperity.



2050 Countywide Transportation Plan

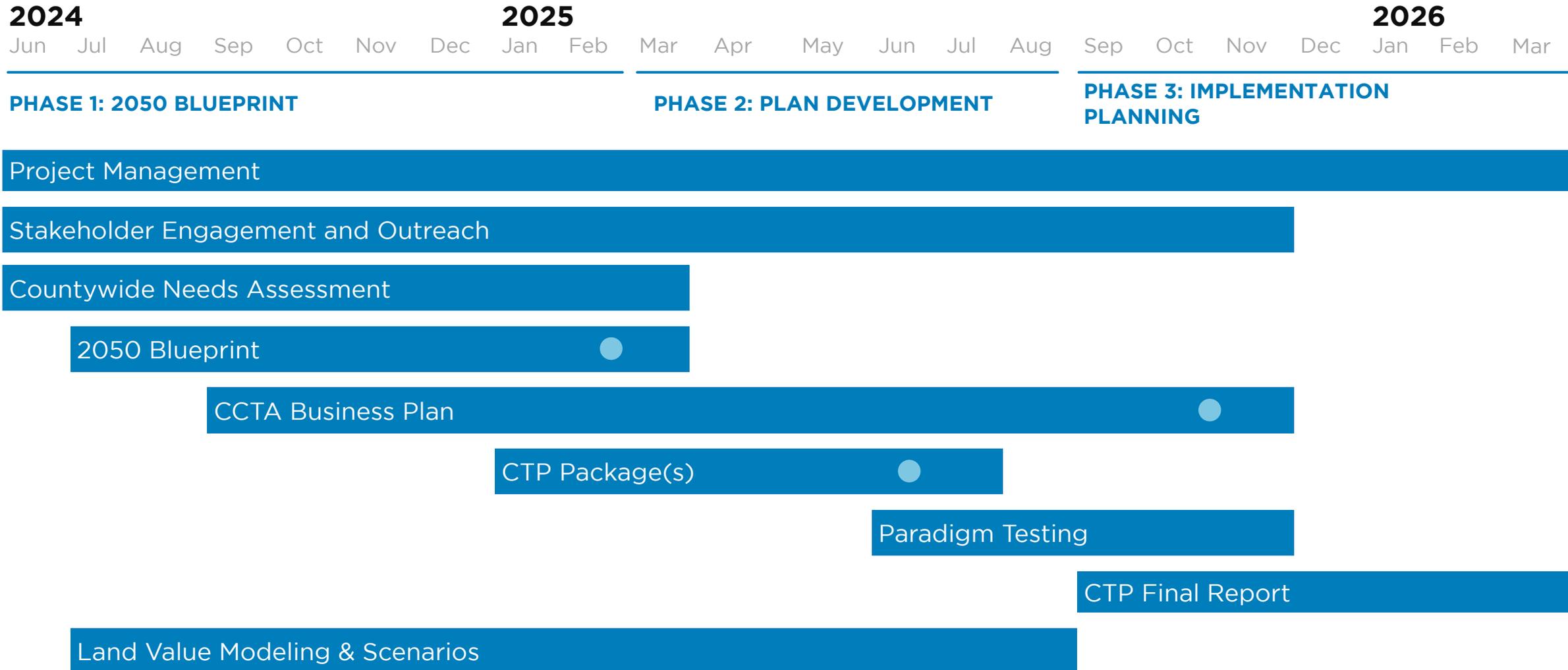
Prioritizes a set of projects, programs, and requirements for funding.



Business Plan

CCTA's implementation plan will cover funding, priorities, and project delivery roles.

18-Month Project Schedule



Recap of Outreach to Date

Stakeholder Engagement

Public Engagement

Citizen’s Advisory Committee

December 11, 2024

Technical Coordinating Committee

December 19, 2024

Public Stakeholder Meeting

January 17, 2025

CTP Task Force

February 4, 2025

Public opinion survey to inform CTP Blueprint Dec 2024 to Feb 2025





HELP SHAPE CONTRA COSTA'S MOBILITY FUTURE!

 Your voice matters—take CCTA's short survey for the Countywide Transportation Plan and help us create a safer, more efficient transportation network for the next decades in Contra Costa County.

Scan the QR code to take a short survey and be entered to win a \$100 gift card:




Four principles will guide the CTP and Business Plan



Safe Travel

Traveling in my community is safe and comfortable, no matter how I get around.

Growing Sustainably

I feel confident that transportation investments in Contra Costa will help provide a sustainable future for my community.

Livable and Connected Neighborhoods

I can conveniently and comfortably get to places that are important to me without having to drive.

Access for All

I can shape and enjoy transportation projects that improve my community, no matter who I am or where I live.

DRAFT Livable Streets Proposal

Creating clear design expectations for safe, thriving places



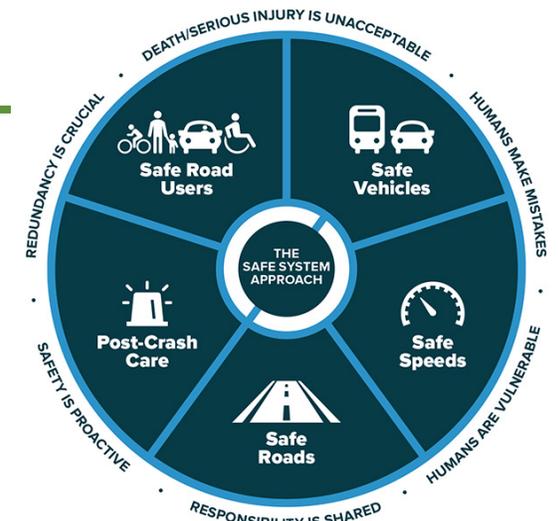
What is the Livable Streets Proposal (LSP)?

The Livable Streets Proposal helps improve transportation, safety, and the economy in Contra Costa

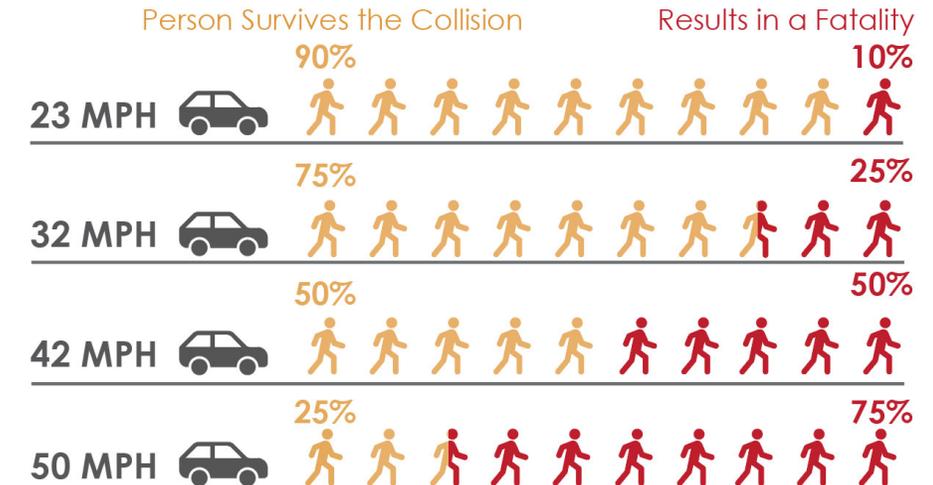
- ✓ Improves safety by right-sizing vehicle movement to the surrounding context
- ✓ Creates economically thriving places
- ✓ Aligns community vision for transportation with the vision for land use
- ✓ Increases transportation options
- ✓ Plans streets to move people and goods, and as places for people to live, work, and enjoy
- ✓ Clarifies that each street has a specific purpose, which informs planning, design, prioritization, and funding decisions

Since the 2017 CTP, there has been a paradigm shift in safety planning.

- In a Safe System Approach, each death or serious injury is unacceptable and avoidable.
- Commitment to zero deaths and severe injuries on public roadways was adopted by the US Department of Transportation, Caltrans, MTC, and CCTA (2021).
- People are unlikely to survive crashes at high speeds. Lowering speeds is critical to reducing impact forces, providing additional time for drivers to stop, and improving visibility.



Source: FHWA.



New commitments have been made to reduce VMT and GHG emissions.

SB 743 (2020)

Vehicle miles traveled (VMT) is now the key tool to measure development and transportation impacts (instead of level of service).

CAPTI (2021)

34 action items aligning state funding with the goal of decarbonizing transportation systems.

Plan Bay Area 2050

Strategies around clean vehicles and transportation demand management.

AB 1279 (2022)

State must reduce GHG emissions by at least 85% below 1990 levels by 2045. CARB's new Scoping Plan for Achieving Carbon Neutrality (2022) lays out path to achieve targets for carbon neutrality.

Today, most streets in Contra Costa are oriented towards auto-focused movement and access.



Today, an auto-focused network leads to safety challenges and ever-increasing VMT.

CCTA must shift gears to strategies that reduce VMT and support thriving places.



Instead, CCTA will lead by:

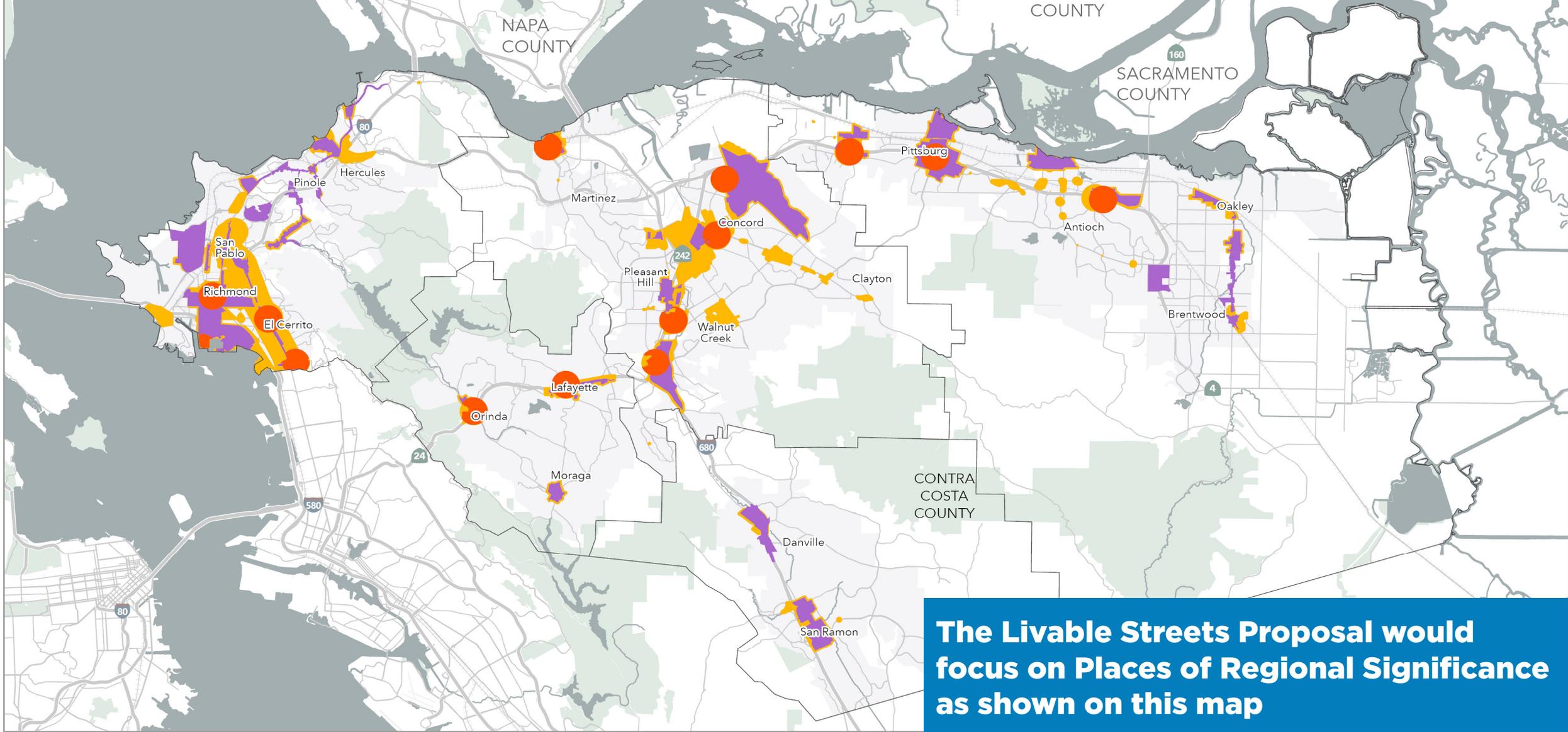
- Valuing and prioritizing **place-oriented streets**,
- Encouraging **transportation-land use coordination**,
- Making **multimodal trips** more viable, and
- Creating clear planning and **design expectations**.

Land valuation is low where streets are auto-focused.

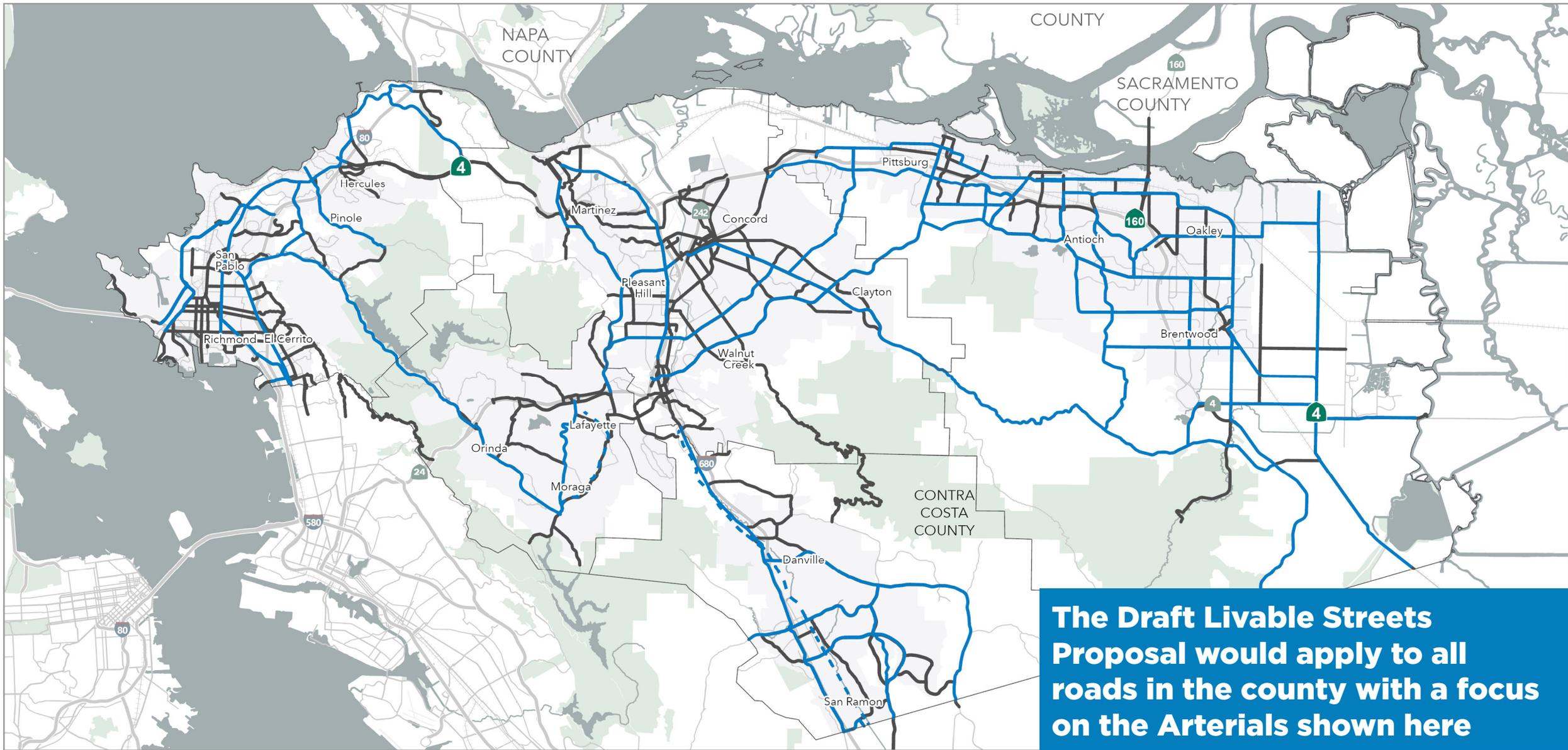


The DRAFT Livable Streets Proposal has four street types:

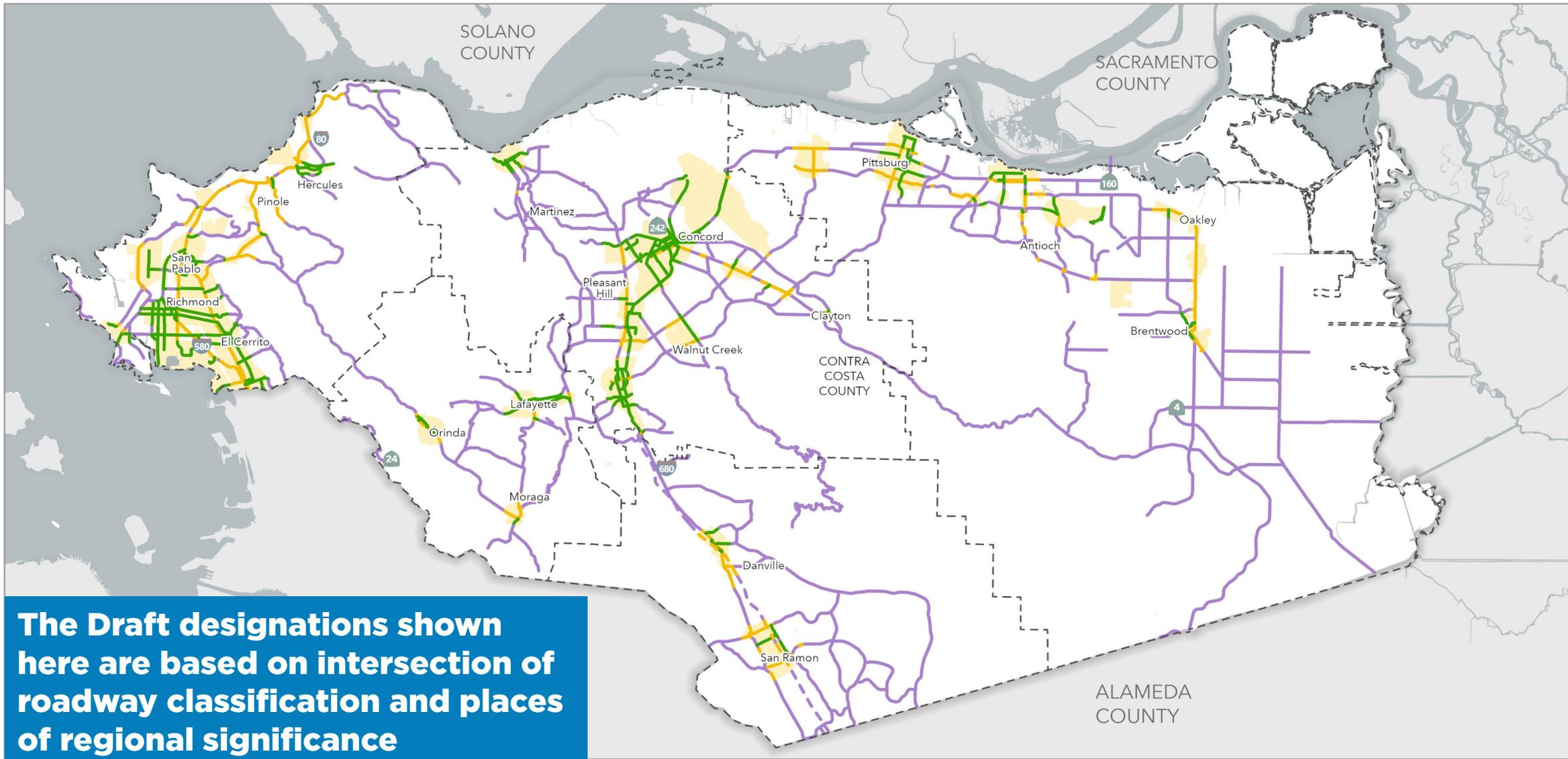




- MTC Transit Oriented Communities (TOCs)
- CCTA Pedestrian Priority Areas
- MTC Priority Development Areas (PDAs) (Plan Bay Area 2050)
- Urbanized Area
- RTPC Boundary



- CCTA Route of Regional Significance - - Trail
- Caltrans Functional Classification Principal & Minor Arterials
- Urbanized Area
- RTPC Boundary



The Draft designations shown here are based on intersection of roadway classification and places of regional significance

Proposed Livable Streets Typology

- Connector Street (dashed line: trails)¹
 - Core Street (dashed line: trails)¹
 - Place Street²
- All other Contra Costa streets are Neighborhood Streets.
- Place of Regional Significance (MTC designated TOCs, PDAs, CCTA Pedestrian Priority Areas)
 - RTPC Boundary
 - Urbanized Area³

**DRAFT Contra Costa Livable Streets Typologies
CTP Blueprint**

Source: Contra Costa Transportation Authority (CCTA); Fehr & Peers. Notes: 1. CCTA Route of Regional Significance. 2. Caltrans Functional Classification principal and minor arterials. 3. Based on US Census city boundaries.

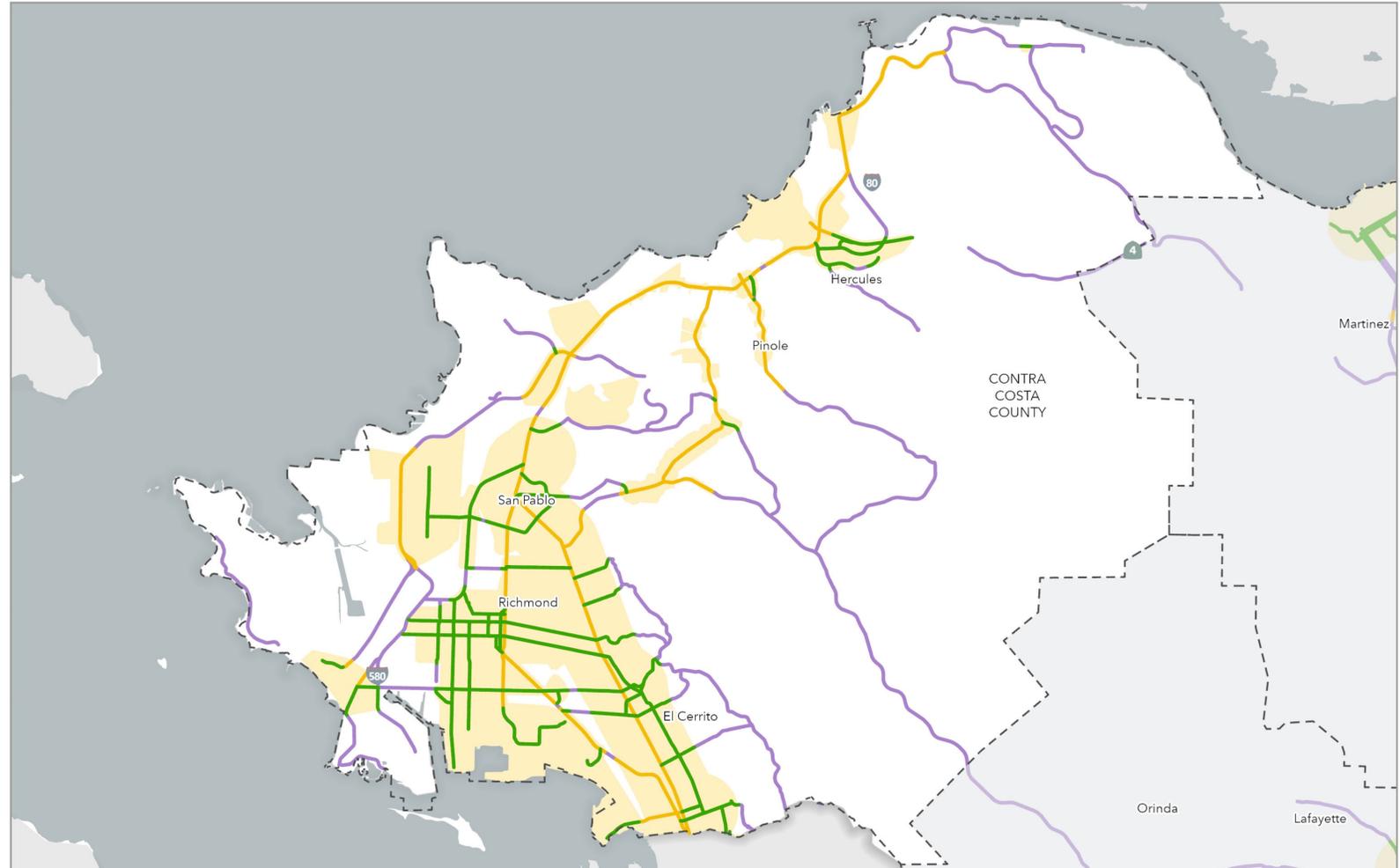
Focus on WCCTC Area

The Livable Streets Proposal
applied to West County



West County

DRAFT Connector, Core and Place Streets in West County are shown here.



Proposed Livable Streets Typology



DRAFT West County Livable Streets Typologies CTP Blueprint

Source: Contra Costa Transportation Authority (CCTA); Fehr & Peers. Notes: 1. CCTA Route of Regional Significance. 2. Caltrans Functional Classification principal and minor arterials. 3. Based on US Census city boundaries.

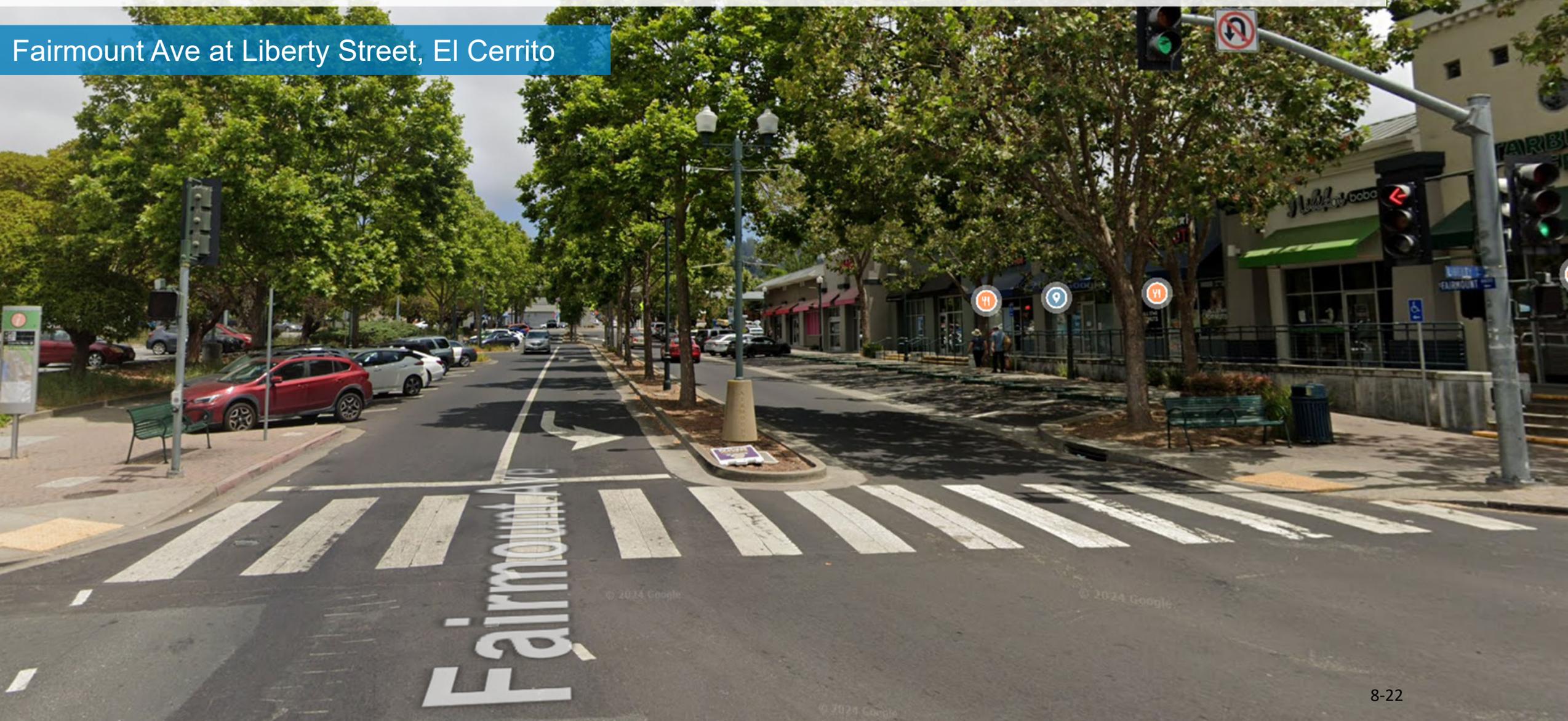
Connector Streets are movers of people and goods.

Richmond Parkway at Pittsburg Avenue, Richmond



Place Streets are centers of business and community and should be comfortable for pedestrians and bicyclists.

Fairmount Ave at Liberty Street, El Cerrito



Core Streets are oriented towards movement and placemaking.

San Pablo Ave at Manila Ave, El Cerrito



Neighborhood streets are where people live and go for recreation.

Hellings Avenue at 17th Street, Richmond



Discussion

1. Which of these street designations resonate with you and which do you have questions about?
2. Would you add or remove any locations from the areas of significance shown?

DRAFT Livable Streets Design Expectations

Clarifying what CCTA will fund and support



The Livable Streets Proposal will create...



An easy-to-use
street typology



Countywide maps
associated with
multimodal and safety
needs



Design expectations by
street type

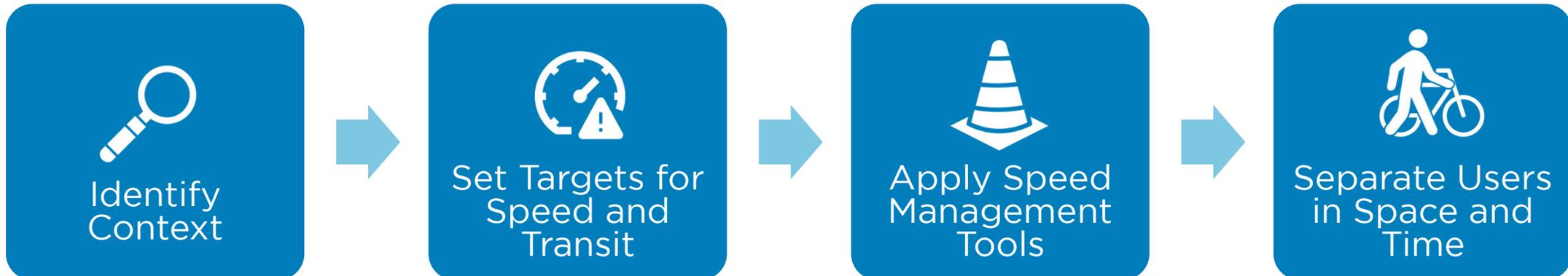
The Draft Livable Streets Proposal is a decision support tool for CCTA and its partners.

- It transparently identifies **where investments in place and movement should be** coordinated and design expectations for each street in Contra Costa.
- It could be used to help **prioritize projects and programs** within the CTP based on the LSP
- It could be used to help make future **programming and funding decisions**

The Livable Streets Proposal will include design expectations for all street types to support Principles around safety and connectivity.

Treatments can be identified to bridge gaps in current place/movement operations and the ideal or planned vision of streets.

Design expectations include...



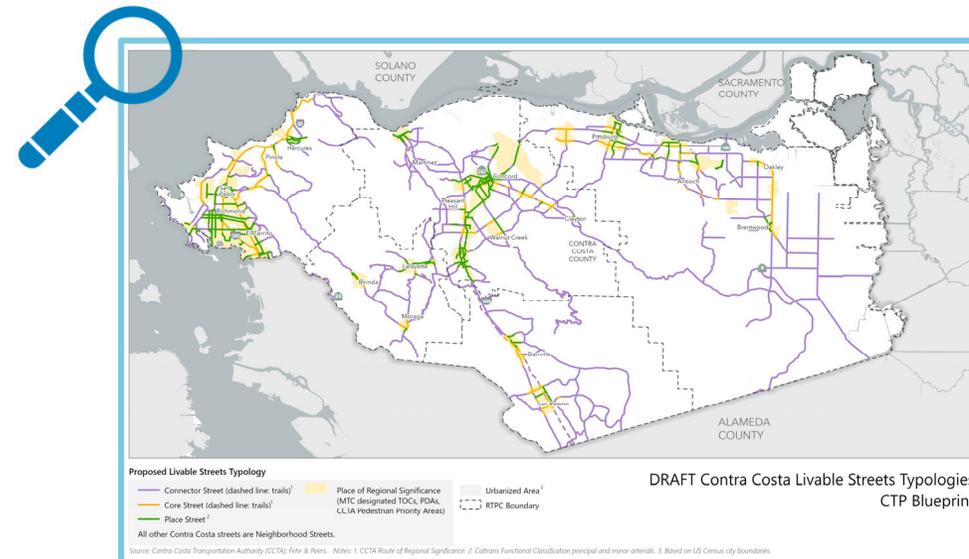
Step 1

Identify the Context.

Reference the Livable Streets Typology Map

Items to consider

- What are the movement needs and place needs of this street segment?
- Are there schools along the street segment?
- Is this a transit priority corridor?



Step 2

Set Targets for Speed and Transit.

Items to consider

- What is the target speed based on the movement needs and the place needs of the street?
- What is the target transit performance?

Step 3

Apply Speed Management Tools.

Items to consider

- Which speed management tools are needed to achieve the target speed?
 - Context specific tools
- Are there priority bus corridors on the street? What transit reliability needs are there?

Step 4

Separate Users in Space and Time.

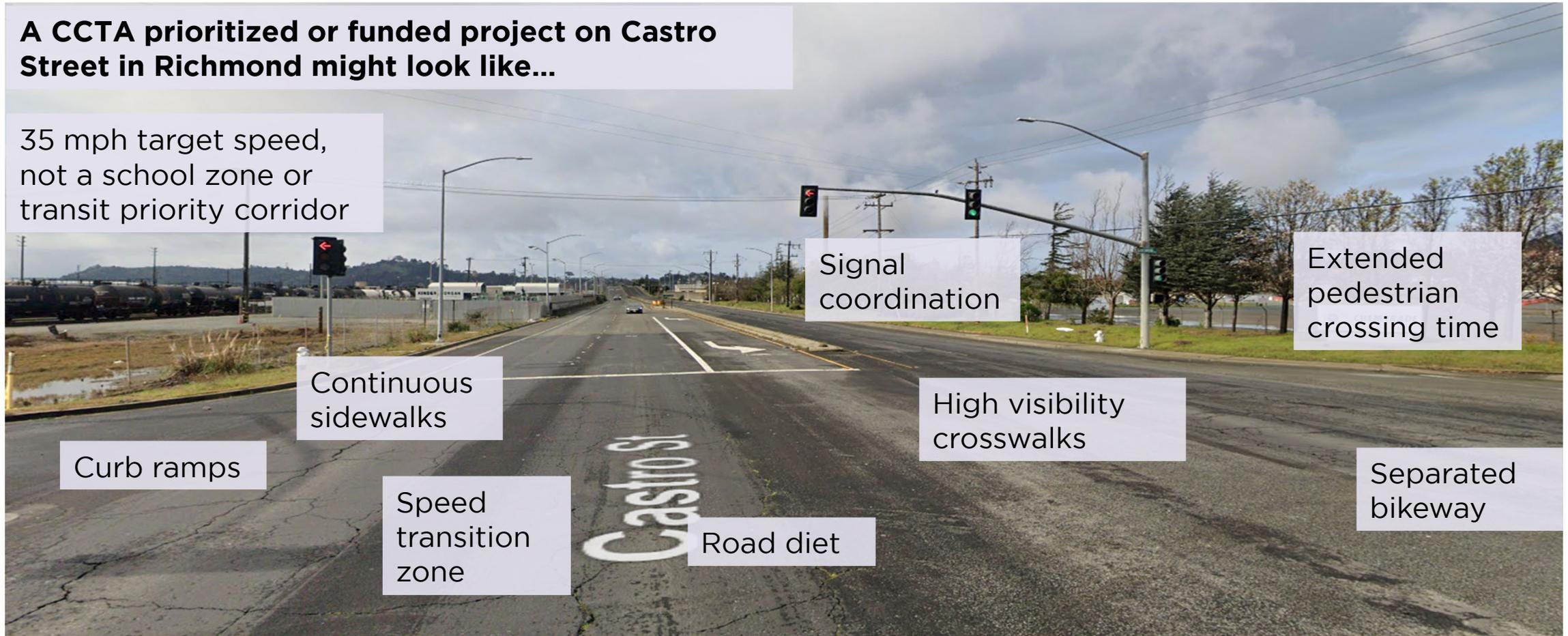
Items to consider

- What are the design elements, including for vulnerable users, that are appropriate based on the roadway speeds, volumes, and geometry?

Connector Streets would support auto movement while adding pedestrian, bike, and transit facilities.

A CCTA prioritized or funded project on Castro Street in Richmond might look like...

35 mph target speed, not a school zone or transit priority corridor



Continuous sidewalks

Curb ramps

Speed transition zone

Road diet

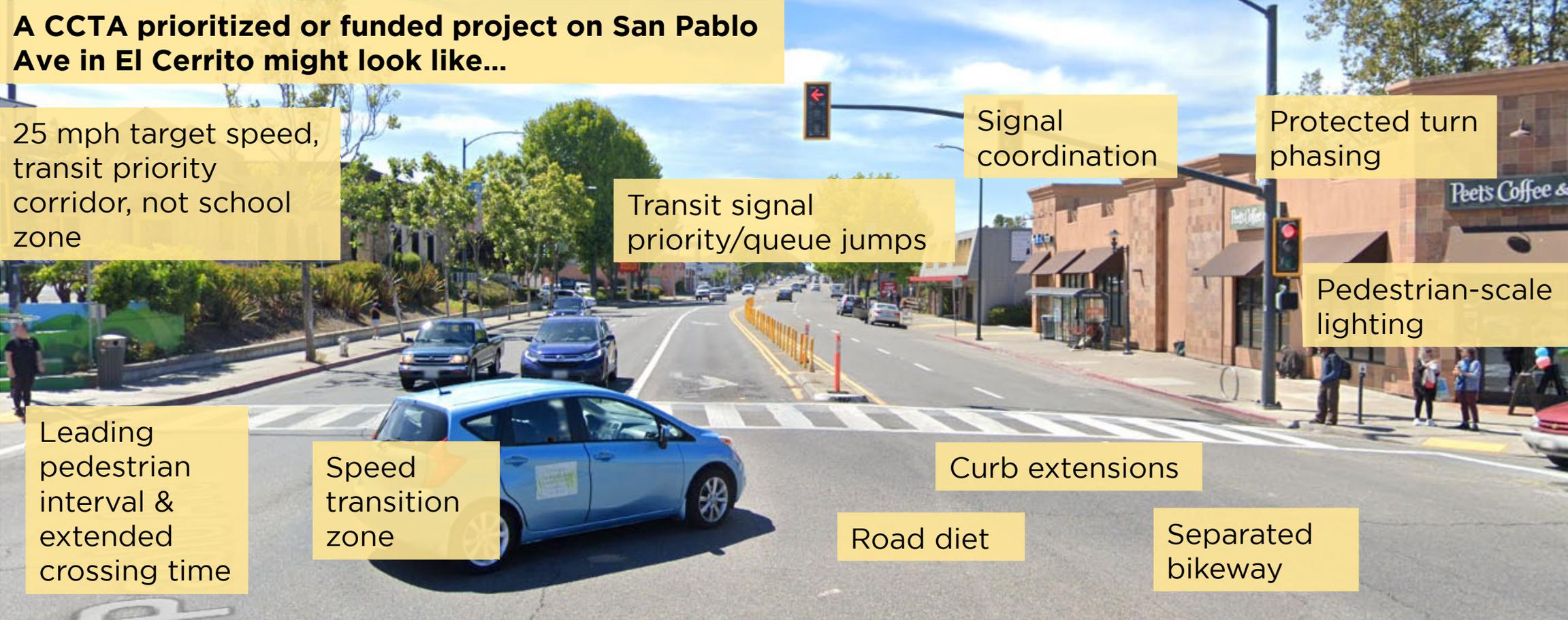
Signal coordination

High visibility crosswalks

Extended pedestrian crossing time

Separated bikeway

Core Streets would prioritize transit and people walking & biking in Places of Significance while still moving all modes.



Place Streets would prioritize biking and walking with a “layered network” approach prioritizing autos, bikes & transit.

A CCTA prioritized or funded project on Fairmount Ave in El Cerrito might look like...

20 mph target speed, a transit priority corridor and a school zone

Additional lighting at intersections

Curb extensions and parklets

Speed bumps, chicanes

Raised intersection or crosswalk

Bikeway with parking removal/ bikeway on parallel street



Neighborhood Streets would focus on safety for people walking and driving near their homes.

A CCTA prioritized or funded project on Hellings Avenue in Richmond might look like...

20 mph target speed, not a transit priority corridor or school zone

Speed tables or humps, chicanes

High visibility crosswalks

Upgraded curb ramps

Bike boulevard treatments

Appropriate safety lighting



Discussion

1. Do the design expectations resonate?
2. Which do you have the most questions about?
3. What type of collaboration from CCTA will localities need in implementing this framework?
4. What are the barriers to implementation?



Wrap-Up and Next Steps

Next Steps for the Livable Streets Proposal

- **Stakeholder Engagement:**
 - 8 RTPC meetings on the Draft Livable Streets Proposal in January-March
 - The Blueprint will go to the Board in May for approval
 - The next phase of engagement on the CTP will begin in June
- **Livable Streets Proposal integrated into draft CTP** (June 2025)
- LSP to potentially be used in **CTP project prioritization** and **future CCTA funding decisions** - still under discussion

Next Steps for CTP and Business Plan

Jan

Feb

Mar

Apr



Phase 1 Public Engagement

Confirm existing needs and gather feedback on draft principles and strategies through an online survey and community meetings.



CTP Blueprint

Lay out the principles and strategies that will guide the development and implementation of the CTP.



CCTA Business Plan

cont.

Focus on how CCTA will fund and implement the CTP with a variety of partners and business practices



CTP Package(s)

cont.

Develop a Project Prioritization and CTP Evaluation methodology and finalize the draft Transportation Project and Program List.

Thank You!



January 24, 2025

Mr. Tim Haile, Executive Director
Contra Costa Transportation Authority
2999 Oak Road, Suite 100
Walnut Creek, CA 94597

RE: January 24, 2025, WCCTC Meeting Summary

Dear Tim:

The WCCTC Board, at its meeting on January 24, 2025, took the following actions which may be of interest to the Authority:

- 1) Elected Officers:
 - CCTA Representative (odd-year term): Rita Xavier (San Pablo)
 - CCTA Alternate Representative: Claudia Jimenez (Richmond)
 - WCCTC Chair: Cameron Sasai (Pinole)
 - WCCTC Vice-Chair: Rebecca Saltzman (El Cerrito)

- 2) Discussed the Final Draft Richmond Parkway Transportation Plan (RPTP). The plan will be brought to the Board again in February for approval.

Sincerely,



John Nemeth
Executive Director

cc: Tarien Grover, CCTA

ACRONYM LIST. Below are acronyms frequently utilized in WCCTAC communications.

ABAG: Association of Bay Area Governments
ACTC: Alameda County Transportation Commission
ADA: Americans with Disabilities Act
APC: Administration and Projects Committee (CCTA)
ATSP: Accessible Transportation Strategic Plan
ATP: Active Transportation Program
AV: Autonomous Vehicle
BAAQMD: Bay Area Air Quality Management District
BATA: Bay Area Toll Authority
BCDC: Bay Conservation and Development Commission
Caltrans: California Department of Transportation
CBTP: Community Based Transportation Plan
CCTA: Contra Costa Transportation Authority
CEQA: California Environmental Quality Act
CIL: Center for Independent Living
CMAAs: Congestion Management Agencies
CMAQ: Congestion Management and Air Quality
CMP: Congestion Management Program
CSMP: Corridor System Management Plan
CCTSAP: Contra Costa Transportation Safety Action Plan
CTC: California Transportation Commission
CTP: Contra Costa Countywide Comprehensive Transportation Plan
CTPL: Comprehensive Transportation Project List
DAA: Design Alternatives Assessment
DEIR: Draft Environmental Impact Report
EBRPD: East Bay Regional Park District
EIR: Environmental Impact Report
EIS: Environmental Impact Statement
EPCs: Equity Priority Communities
EVP: Emergency Vehicle Preemption (traffic signals)
FHWA: Federal Highway Administration
FTA: Federal Transit Administration
FY: Fiscal Year
HOV: High Occupancy Vehicle Lane
ICM: Integrated Corridor Mobility
ITS: Intelligent Transportations System

LOS: Level of Service (traffic)
MOU: Memorandum of Understanding
MPO: Metropolitan Planning Organization
MTC: Metropolitan Transportation Commission
NEPA: National Environmental Policy Act
O&M: Operations and Maintenance
OBAG: One Bay Area Grant
PAC: Policy Advisory Committee
PASS: Program for Arterial System Synchronization
PBTF: Pedestrian, Bicycle and Trail Facilities
PC: Planning Committee (CCTA)
PCC: Paratransit Coordinating Committee (CCTA)
PDA: Priority Development Areas
PSR: Project Study Report (Caltrans)
RHNA: Regional Housing Needs Allocation (ABAG)
RPTC: Richmond Parkway Transit Center
RTIP: Regional Transportation Improvement Program
RTO: Regional Transportation Objective
RTP: Regional Transportation Plan
RTPC: Regional Transportation Planning Committee
SCS: Sustainable Communities Strategy
SHPO: State Historic and Preservation Officer
SOV: Single Occupant Vehicle
STA: State Transit Assistance
STIP: State Transportation Improvement Program
STMP: Subregional Transportation Mitigation Plan
SWAT: Regional Transportation Planning Committee for Southwest County
TAC: Technical Advisory Committee
TCC: Technical Coordinating Committee (CCTA)
TDA: Transit Development Act funds
TDM: Transportation Demand Management
TFCA: Transportation Fund for Clean Air
TEP: Transportation Expenditure Plan
TLC: Transportation for Livable Communities
TOD: Transit Oriented Development
TRANSPAC: Regional Transportation Planning Committee for Central County
TRANSPLAN: Regional Transportation Planning Committee for East County
TSP: Transit Signal Priority (traffic signals and buses)
VMT: Vehicle Miles Traveled
WCCTAC: West County Costa Transportation Advisory Committee (legal name)
WCCTC: West Contra Costa Transportation Commission
WETA: Water Emergency Transportation Authority