



CALTRANS REPAVING PROJECT ON EL CAMINO REAL

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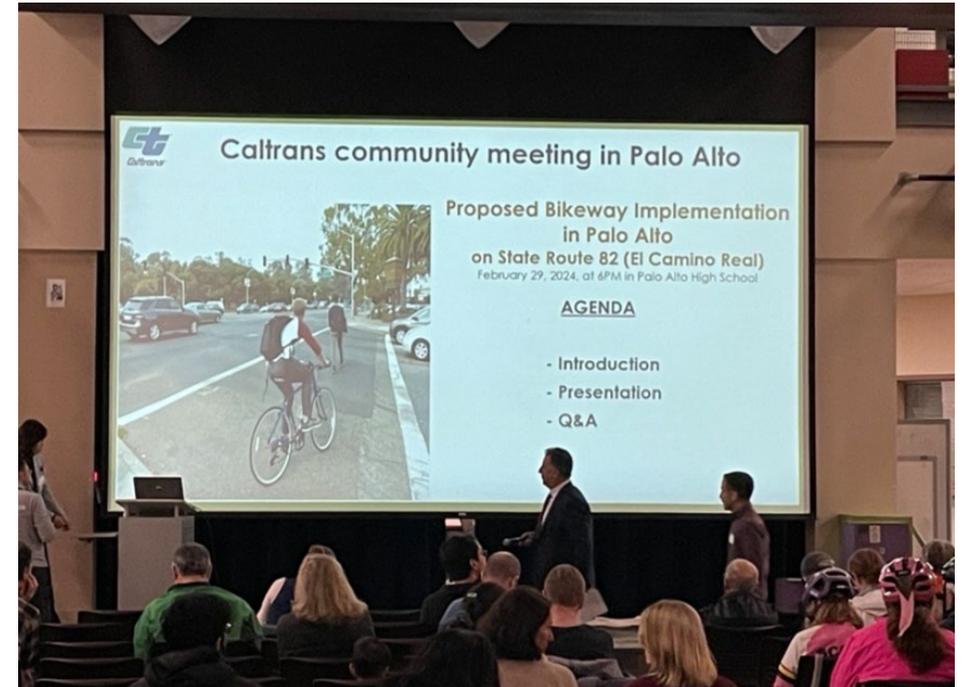
June 17, 2024

www.cityofpaloalto.org

OVERVIEW

Staff Report provides an update on Council Motion from April 1, 2024

- 1) Caltrans return with added safety measures
- 2) Create *ad hoc committee* to focus on:
 - a) Safety improvements at conflict areas
 - b) Parking alternatives
 - c) RV/vehicle dwellers



PROPOSED ENCROACHMENT PERMIT LOCATIONS

Caltrans has committed to expediting encroachment permits on El Camino Real.

City has submitted permits at the following (pending Caltrans approval):

- Churchill Avenue
- California Avenue (signage)

City expects to request permits at the following:

- California Avenue (*forthcoming*)
- Quarry Road (*pending voter approval*)



Example separated bikeway. Photo provided by Qwick Kurb Channelizing Systems

EXAMPLE CONDITIONS FOR ADOPTION OF RESOLUTION

- Request Caltrans respond to requested changes in Fehr & Peers review memo and joint City and VTA memo (Attachments A & D)
- Include City-proposed locations for additional No Right Turn on Red restrictions (Attachment E)
- Develop new Maintenance Agreement with Caltrans for the bikeway project
- Caltrans commitment to expediting encroachment permits on El Camino Real
- Caltrans provision of tentative and final project timelines for public notification



RECOMMENDATION

Staff recommends that Council take the following actions:

- A. Review the revised plans from Caltrans regarding the Caltrans project to repave El Camino Real that will repurpose parking spaces for bicycle lanes,
- B. Authorize the City Manager or their designee to direct staff to make necessary adjustments to the RPP Programs and return to Council on consent if needed,
- C. Authorize the City Manager or their designee to enter into agreements as needed to provide temporary safe parking for those currently along the project corridor in Palo Alto, and
- D. Approve a resolution supporting the removal of on-street parking for this project.





ADDITIONAL RESOURCES

NO RIGHT TURN ON RED PROPOSED LOCATIONS (SCHOOL ROUTE CROSSINGS)

Table 1: Proposed Right Turn Restrictions at School Route Crossings of El Camino Real

El Camino Real Intersection	Proposed No Right Turn on Red Restriction				Schools Served & Bike/Ped Context Notes
	Northbound on El Camino Real	Southbound on El Camino Real	Eastbound on Side Street	Westbound on Side Street	
Arastradero Rd/ W Charleston Rd	+	☑		☑	Gunn/Fletcher/Briones Heavy bike commuter use
Los Robles Ave/ El Camino Way	☑	☑	☑	☑	Gunn/Fletcher/Briones Heavy bike commuter use
Matadero Ave/ Margarita Ave	☑	☑	+	+	Gunn/Fletcher/Barron Park Heavy bike commuter use
Stanford Ave	☑	☑	+	+	Escondido/Greene/Paly Heavy bike commuter use
Maybell Ave/ El Camino Way	+	+	+	+	Gunn/Fletcher/Briones Heavy bike commuter use
Cesano Ct/ Los Altos Ave	+			+	Santa Rita (Monroe Park students)
Cambridge Ave	+	+	+	+	Paly/Greene
Curtner Avenue				+	Barron Park
Ventura Avenue	+				Barron Park

☑ indicates an approach where Caltrans is proposing a No Right Turn on Red restriction.

+ indicates an approach where City staff recommend Council request an additional No Right Turn on Red Restriction.

A grey cell indicates that a turn restriction is not feasible or requested for that approach.



NO RIGHT TURN ON RED PROPOSED LOCATIONS (NON-SCHOOL ROUTE CROSSINGS)

Table 2: Proposed Right Turn Restrictions at Non-School Route Crossing of El Camino Real

El Camino Real Intersection	Proposed No Right Turn on Red Restriction				Schools Served & Bike/Ped Context Notes
	Northbound on El Camino Real	Southbound on El Camino Real	Eastbound on Side Street	Westbound on Side Street	
Page Mill Rd/ Oregon Expwy	☑	☑			Mayfield Soccer Fields/ Stanford Research Park
Park Blvd/Serra St	+	+	☑	☑	Stanford Univ Bike & Ped Gateway Heavy bike commuter use
Churchill Ave	☑				Paly HS Stanford Univ Bike & Ped Gateway Heavy bike commuter use
Galvez St/ Embarcadero Rd				☑	Stanford Univ Bike & Ped Gateway Heavy bike commuter use
California Ave		+	☑		Stanford Univ & SRP Bike & Ped Gateway/Hi-frequency bus stops/ Hi ped activity/Car-free street

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Bikeway Implementation in Palo Alto

Caltrans SR 82 Paving Project



High Visibility Crosswalk



Pedestrian Hybrid Beacon



Class IV Bike Way



APS

Scope:

- Pavement Rehabilitation
- Curb ramps, sidewalks, and driveways to comply with Americans with Disabilities Act (ADA) standard.
- High visibility crosswalk markings
- Electrical work
- New bikeways in Mountain View and Los Altos
- New bikeway proposal in Palo Alto



Bikeway Implementation in Palo Alto

Caltrans SR 82 Paving Project

Funding:

- Total project cost : \$44.6 M
 - Construction capital cost: \$30.1 M
- SHOPP: \$40.9 M (SB 1:\$4.47 M)
- Local: \$3.7 M (City of Mountain View)
- Bikeway in Palo Alto: \$3.2 M (IIJA Safety)

Schedule:

Construction began in November 2023 and is anticipated to complete in fall 2025



Class II Bike Lane



Bikeway Implementation in Palo Alto

Recap from April 1, 2024, Council Meeting



- Design Flexibility - DIB 94
- Intersection treatment: bike boxes and signs
- Continuous bikeway
- No right turn on red signs
- Incorporate best practices
- Speed management/enforcement
- Continue collaboration with the stakeholders throughout the design process
- Continue collaboration with the city and stakeholders on future improvement and corridor plan.



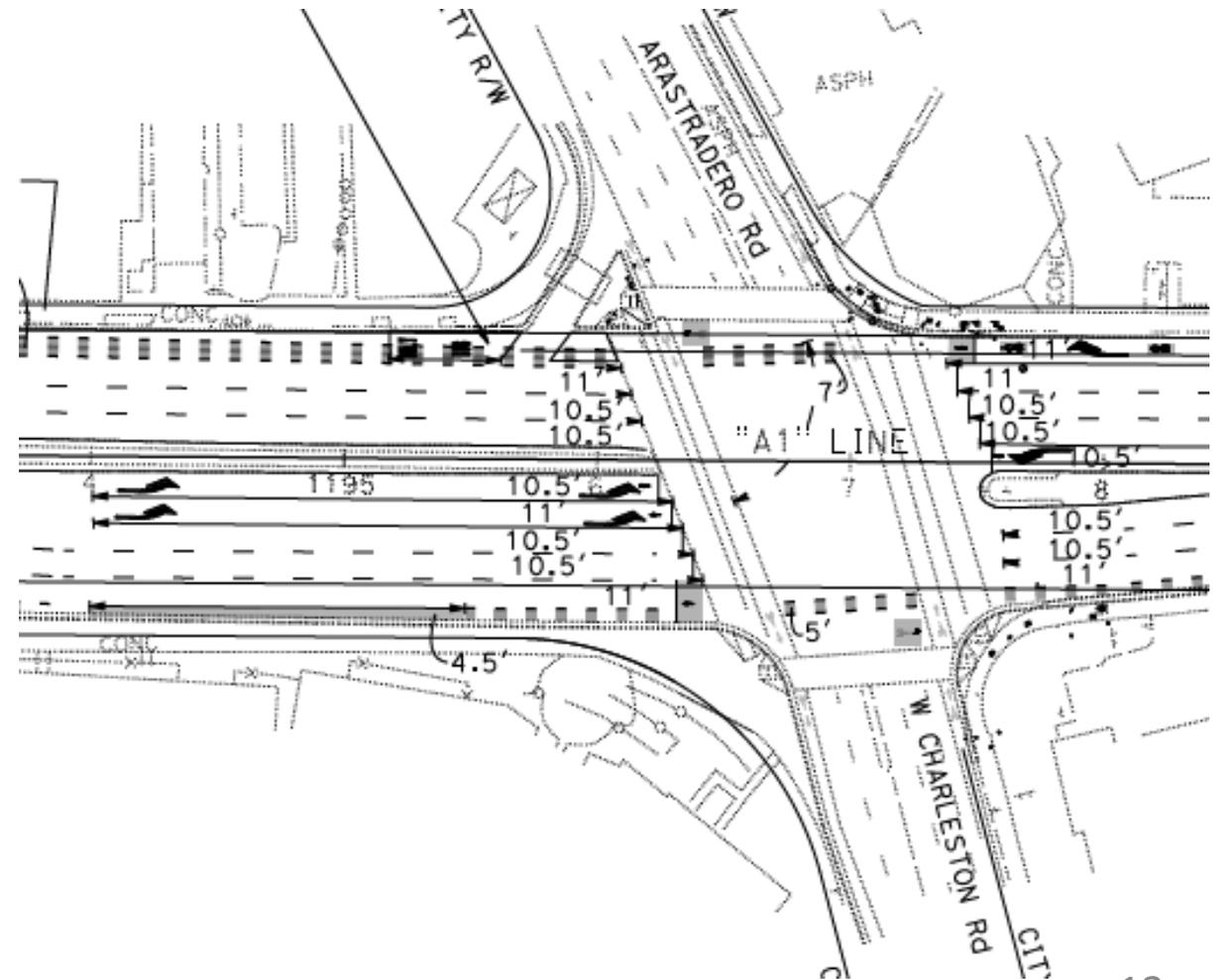


Bikeway Implementation in Palo Alto

Design Flexibility - DIB 94

Revisions:

- Reducing #1 & 2 lane widths to 10.5 feet
- Reducing #3/ outside lane width to 11 feet
- Widening bikeway widths throughout
- Additional bike boxes
- Eliminating 4 Sharrow lane locations
- Implementing “No Right Turn on Red” at intersections.





Bikeway Implementation in Palo Alto

No Right Turn on Red (Att. E)- cont. on next page

Intersection	No Right Turn On Red Restriction To Be Implemented			
	Northbound on El Camino Real	Southbound on El Camino Real	Eastbound on Side Street	Westbound on Side Street
Los Altos Ave	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Arastradero Rd / W Charleston Rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Maybell Ave / El Camino Way	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Los Robles Ave / El Camino Way	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ventura Ave	<input checked="" type="checkbox"/>			
Curtner Ave				<input checked="" type="checkbox"/>
Matadero Ave / Margarita Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Bikeway Implementation in Palo Alto

No Right Turn on Red

Intersection	No Right Turn On Red Restriction To Be Implemented			
	Northbound on El Camino Real	Southbound on El Camino Real	Eastbound on Side Street	Westbound on Side Street
Page Mill Rd / Oregon Expwy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Stanford Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Churchill Ave	<input checked="" type="checkbox"/>			
Embarcadero Rd / Galvez St				<input checked="" type="checkbox"/>
California St		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Cambridge Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Park Blvd / Serra St	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Bikeway Implementation in Palo Alto

Regional Planning Effort on the ECR corridor

Planning:

Caltrans is planning to hold workshops in August 2024 with regional stakeholders to discuss and form consensus on the Bike/Ped safety enhancement strategies and how to implement them in the corridor. These workshops will serve as the foundation for developing Caltrans' Comprehensive Multimodal Corridor Plan (CMCP) for SR 82(ECR).

Encroachment Permit:

Caltrans will continue to assist the City with the permit approval process for future improvement.





Bikeway Implementation in Palo Alto

Caltrans 82 Paving Project- Timeline

Schedule:

Construction began in November 2023 and is anticipated to complete in fall 2025

Paving and striping schedule:

- Begins tentatively in mid August 2024
- Paving will take approximately 2 months
- Striping begins tentatively in October 2024

Bikeway Design:

Finalize the design by July 1

Maintenance Agreement:

Before the construction completion





Bikeway Implementation in Palo Alto

Fehr & Peers Review (Attachment A)

Bike and Bus Conflict Areas (Attachment D)

Caltrans review in progress

Received Attachment A, Memo and Plan Markups from Fehr & Peers, and Attachment D, Joint City of Palo Alto and VTA Review and Comments on Bike and Bus Conflict Areas, on June 10, 2024.

