

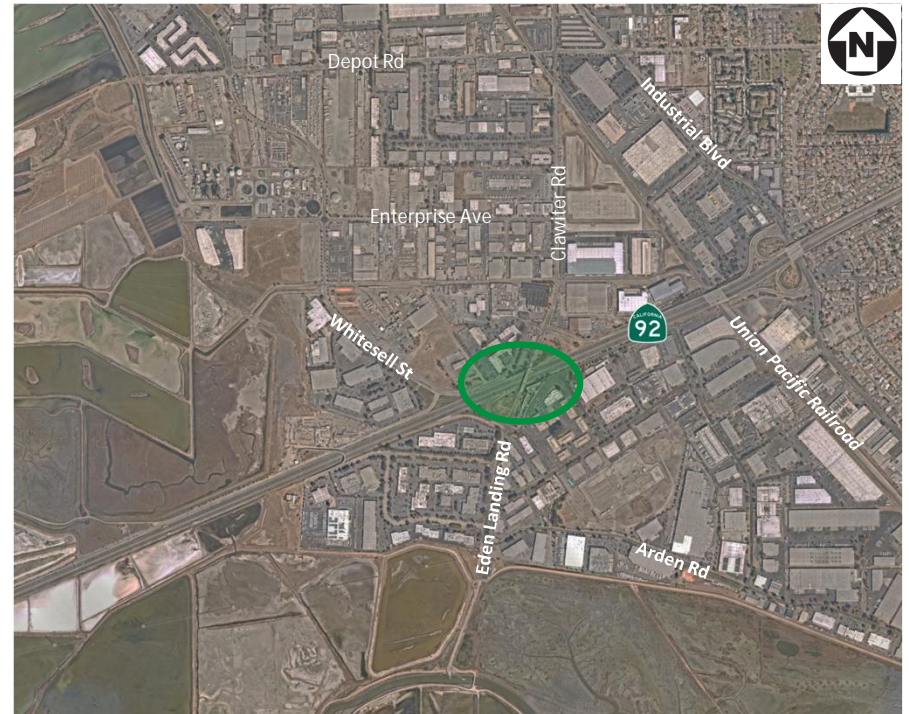


SR 92/CLAWITER-WHITESELL INTERCHANGE UPGRADE PROJECT

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Project Initiation Document Phase

February 2024

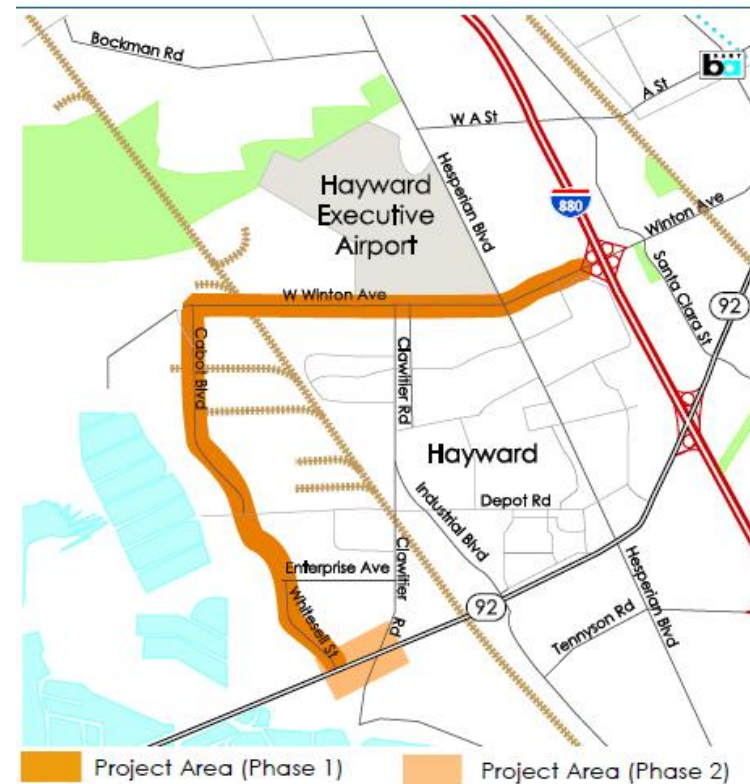




SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

“SR-92/Clawiter – Whitesell Interchange and Reliever Route Project” Project Background

- Phase I - Complete
 - Provide for better access in and out of the industrial area and to help relieve congestion on major arterials.
 - Whitesell St — Depot Rd to Breakwater Ave: Roadway extension and widening with bike lanes, curb, gutter, sidewalk, landscaping, utilities, and street lighting.
- Phase II
 - Provide new interchange access off Whitesell St for better local and regional traffic circulation.

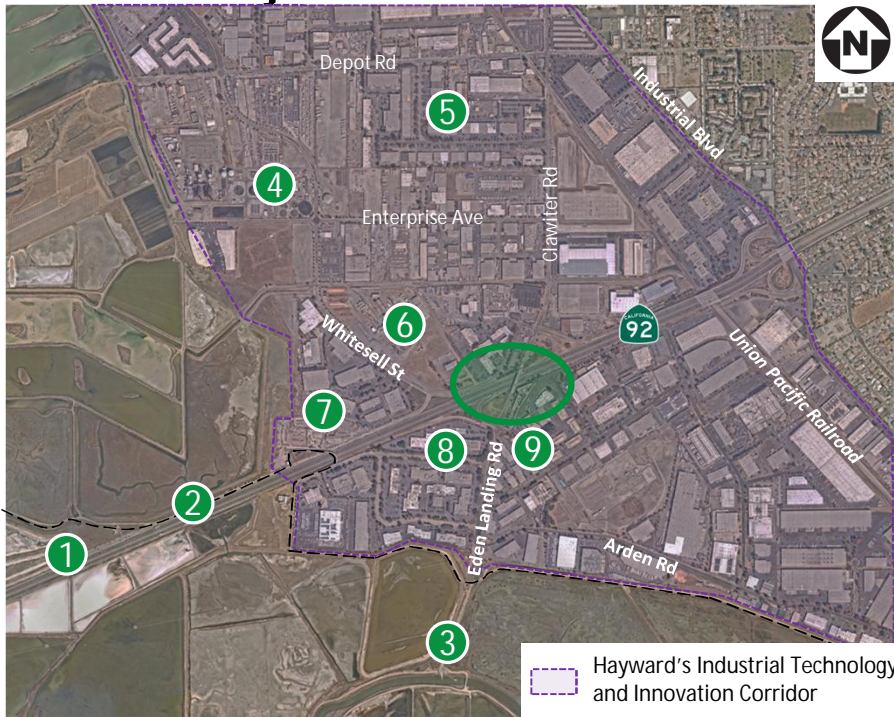


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SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Project Overview



Purpose:

- Improve multimodal access and connectivity across SR 92 at Clawiter Road, including access to regional recreational facilities.
- Improve access to the industrial/business western portion of the City of Hayward from SR 92.
- Improve and optimize traffic operations at the SR 92/Clawiter interchange and along local roadways in proximity to the interchange.

Need:

- Lack of bicycle/pedestrian facilities on Clawiter Road across SR 92.
- The existing SR 92/Clawiter Road interchange has high traffic congestion and is deficient in meeting the current and future traffic demand of the industrial/western portion of the city.
- Significant roadway deficiencies resulting in inefficient traffic operations.

1. San Mateo Toll Plaza and Bridge
2. SF Bay Trail
3. Eden Landing Ecological Reserve

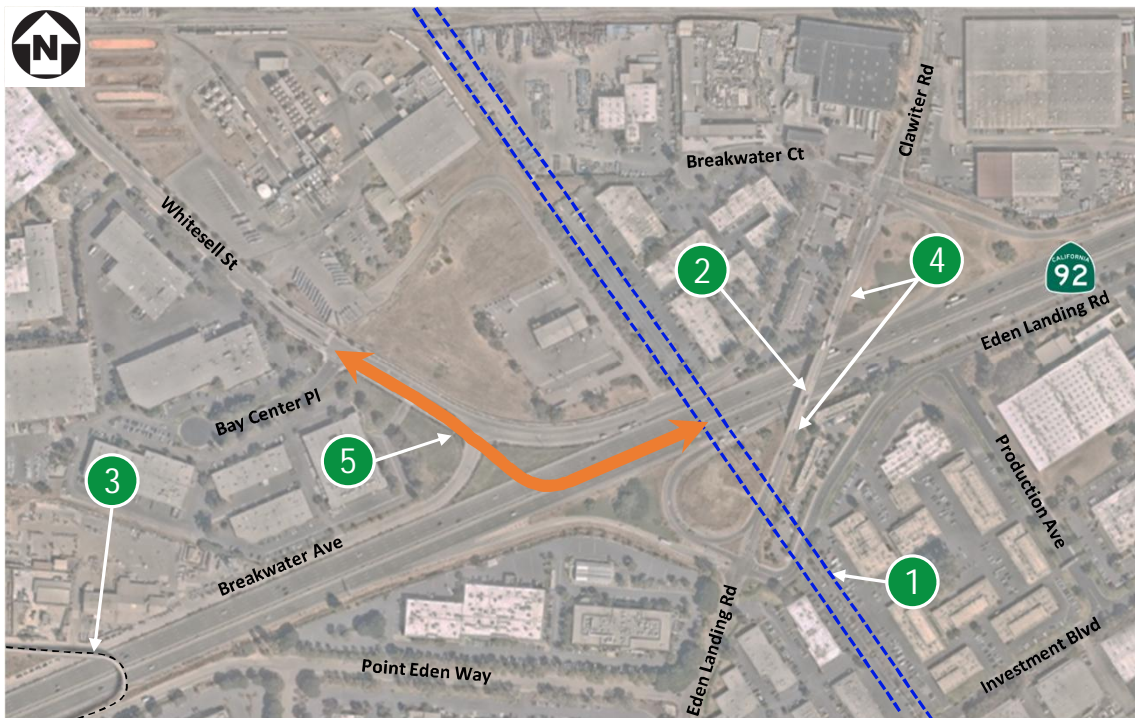
4. Hayward Wastewater Treatment Facility
5. Hayward's Industrial Technology and Innovation Corridor

6. Dow Chemical
7. Bay Center Business Park
8. Britannia Point Eden
9. Eden Plaza



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Risks and Opportunities



Physical Constraints:

1. High Voltage Transmission Power Lines through Interchange
2. Clawiter Rd Overcrossing Structure
3. Columns of Existing Pedestrian Overcrossing

Design Considerations:

4. Lack of Bike Lanes and Poor Sidewalk Connectivity
5. High Truck Volumes from Whitesell St accessing SR 92



SR 92/CLAWITER-WHITESELL INTERCHANGE UPGRADE PROJECT

Schedule by Phase

Planning/Scoping:

The City, in cooperation with Caltrans and Alameda CTC have initiated the Project Initiation Document (PID).

The PID defines the general scope of the environmental studies and engineering reports that will be necessary to comply with California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) in the next phase.

We Are Here



PHASE	BEGIN	END
Planning/Scoping	Spring 2023	Spring 2024
Preliminary Engineering/ Environmental Clearance Phase*	Winter 2025	Fall 2027
Final Design*	Winter 2028	Summer 2030
Right-of-Way/Utility*	Winter 2028	Summer 2030
Construction*	Spring 2031	Fall 2033

*Currently Unfunded



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SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Current Phase Schedule

1. PID Kick-Off – February 2023
2. Project update to Hayward CIC – June 28, 2023
3. Draft scoping document (PID) to Caltrans – November 2023
4. Updated draft scoping document (PID) to Caltrans – February 2024
5. Anticipated PID Approval from Caltrans – April 2024





SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Alternative 1: Combined Whitesell/Clawiter

Benefits:

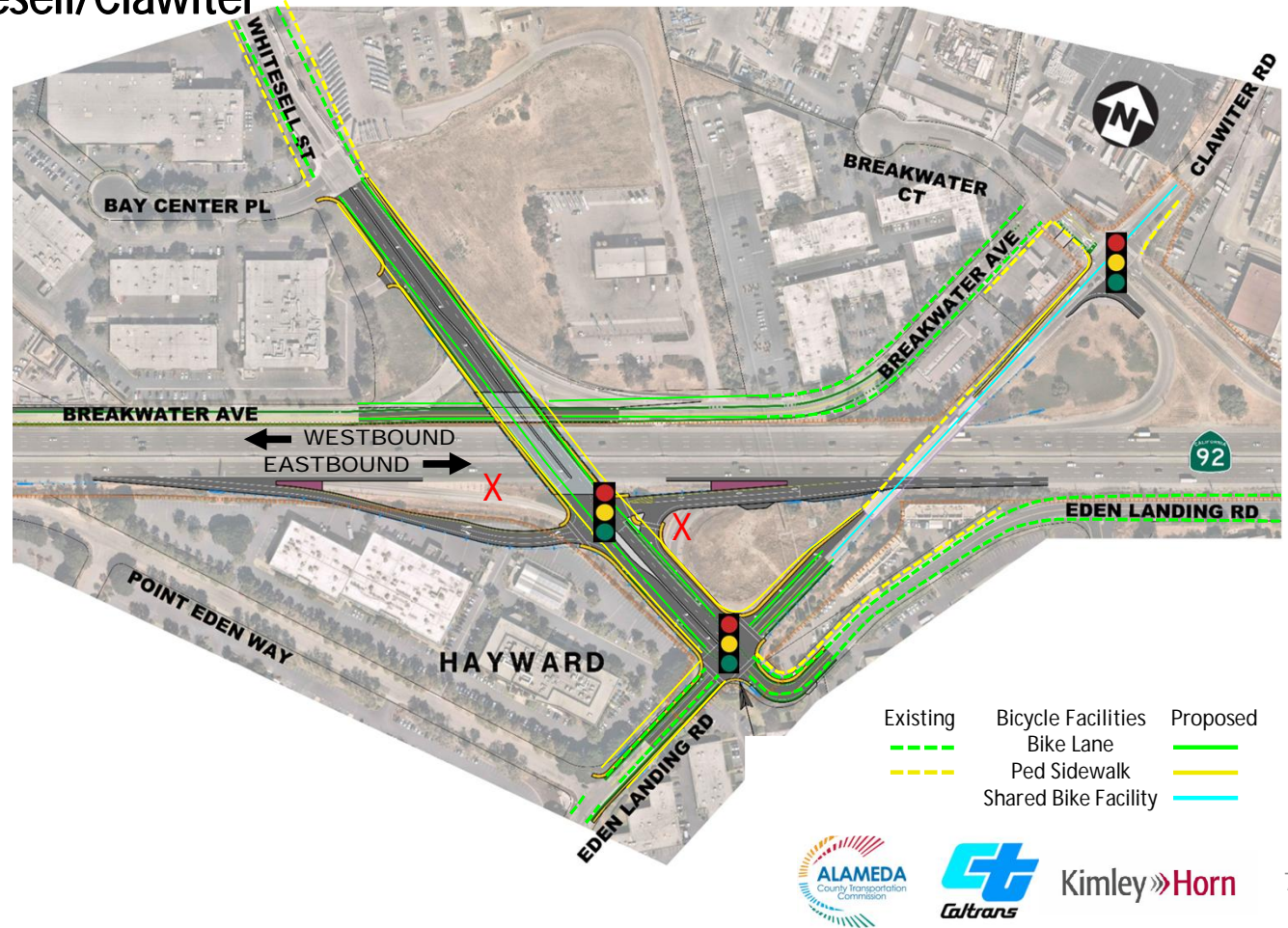
- Least Right of Way acquisition.
- Breakwater Ave access maintained.
- Minimal improvements targeted to meet traffic demand.
- Scalable

Disadvantages:

- No direct access to Whitesell St industrial parcels from Westbound SR 92.
- Does not provide Class II or Class IV bike Lanes on the existing Clawiter Rd Structure.

Relative Project Cost:

- Low (\$)





SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Alternative 2: Full Diamond with Partial Access

Benefits:

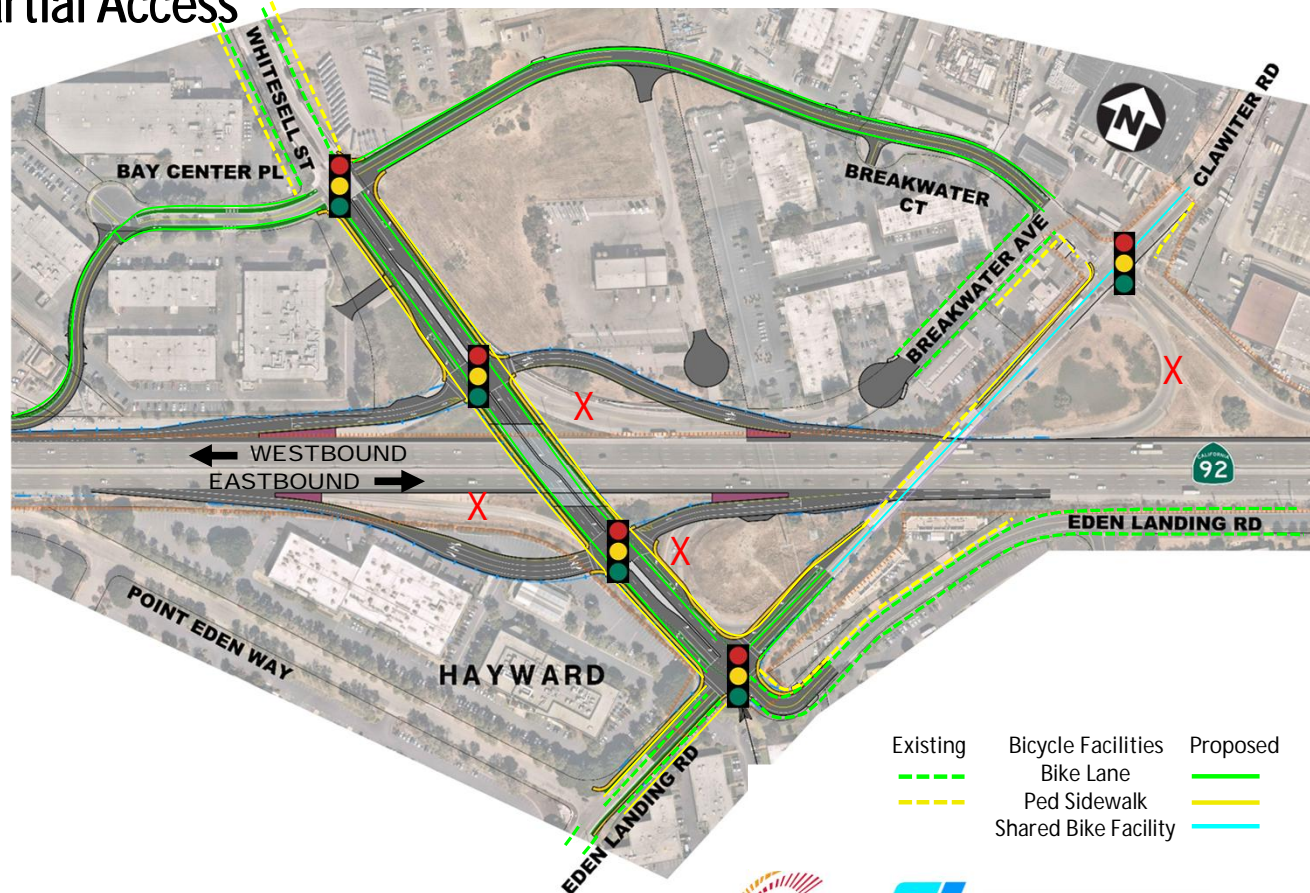
- New Interchange at Whitesell St.
- Improves SR 92 by increasing spacing to Industrial Blvd Interchange.
- Access to Clawiter Rd from WB 92 is maintained.
- Clawiter Rd provides local circulation.

Disadvantages:

- Significant Right of Way acquisition.
- Provides only partial access to Clawiter Rd from SR 92.
- Requires new local connection for Breakwater Ave.
- Class II or Class IV Bike lanes not provided on the existing Clawiter Rd Structure.

Relative Project Cost:

- Medium (\$\$)



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SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Alternative 3: Whitesell Interchange Only

Benefits:

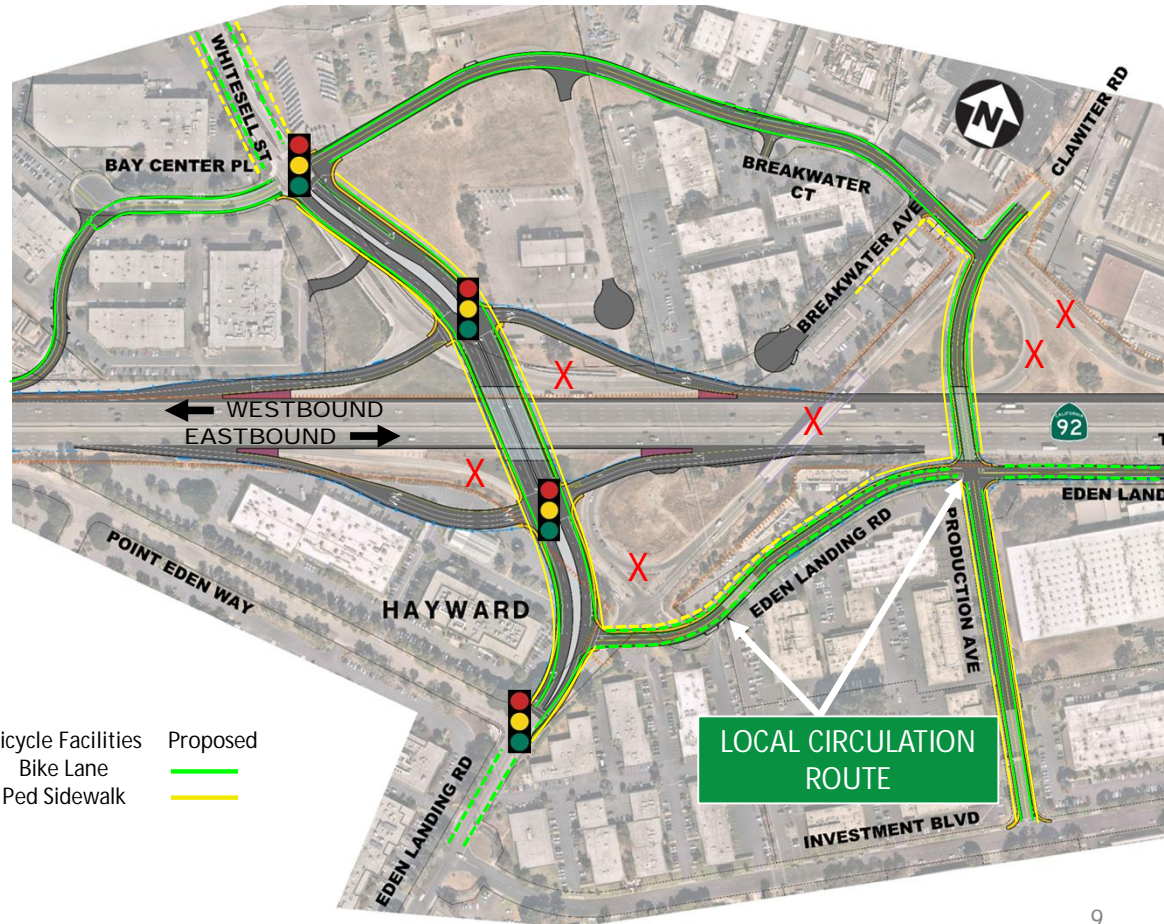
- New Interchange at Whitesell St.
- Improves SR 92 by increasing spacing to Industrial Blvd Interchange.
- Reduced skew across SR 92 increases intersection spacing and improves operations.
- Existing Clawiter Rd overpass to be demolished.

Disadvantages:

- Significant Right of Way acquisition.
- Provides no access to Clawiter Rd from SR 92.
- Requires new local connection for Breakwater Ave.
- Requires new structure over SR 92.

Relative Project Cost:

- High (\$\$\$)

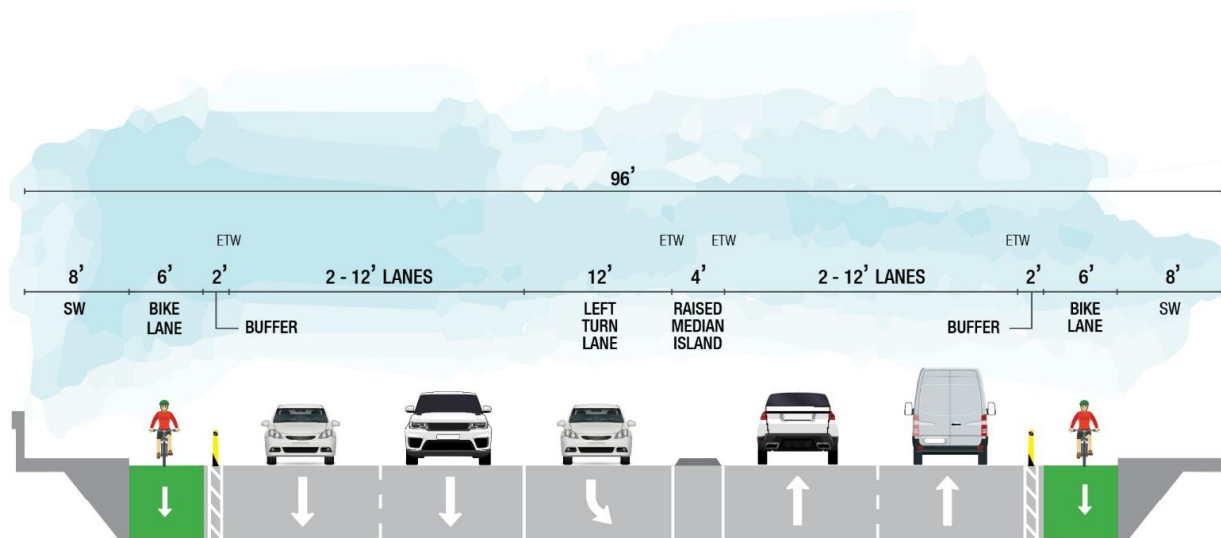


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SR 92/CLAWITER-WHITESELL INTERCHANGE UPGRADE PROJECT

Whitesell Street Overcrossing





SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Project Cost Estimate

	Alternative 1: Combined Whitesell/Clawiter	Alternative 2: Full Diamond with Partial Access	Alternative 3: Whitesell Interchange Only
Construction Cost:	\$49,600,000	\$71,500,000	\$102,300,000
Right of Way:	\$3,800,000	\$26,100,000	\$33,900,000
Support Cost:	\$17,400,000	\$27,200,000	\$38,300,000
Total Project Cost (Today)	\$70,800,000	\$125,000,000	\$175,000,000
Total Project Cost (Escalated to 2032)	\$95,300,000	\$167,000,000	\$233,000,000





SR 92/CLAWITER-WHITESSELL INTERCHANGE UPGRADE PROJECT

Next Steps

1. Recommend City Council authorize the Director of Public Works to sign the final PID on behalf of the city.
2. Seek Caltrans approval on the PID which defines the scope and cost of the Environmental Review Phase*.

Notes: * Initiation of the Environmental Review Phase is contingent upon funding.
* Preliminary Alternatives will be refined during the Environmental Review phase with public stakeholder input.



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Q & A

