

US 101 / SR 84 Interchange (Woodside Road) Improvement Project

TA BOD Meeting
March 3, 2016
Agenda Item 11a



Presentation Outline

- Roles / Responsibilities
- Project Area / Existing Conditions
- Project Description
- Community Outreach
- Viable Alternatives
- Environmental Summary
- Project Benefits
- Right-of-Way
- Cost Estimate & Funding
- Schedule



Roles & Responsibilities

Redwood City

- Project Sponsor
- Project Implementer
- Funding Partner

Caltrans

- Environmental Lead Agency
- Owner/Operator of the State Highway System

Transportation Authority

- Funding Partner

3



Project Area Map



Existing Interchange Configuration

Developed Area

- Hospitals, Commercial, Residential, Industrial, & Public Facilities

Major Utilities

- PG&E High Voltage Transmission Lines
- Pump Stations

UPRR

Under Construction

- One Marina
- Correctional Center

Future Public Improvements

- Trolley Corridor

4



Project Description

The Purpose of the Project is to:

- Alleviate peak-period congestion
- Improve traffic operations within the project limits
- Improve bicyclist and pedestrian access

19 Alternatives / Variations Researched

- Nine Alternatives
- Ten Variations of Alternatives

5



Community Outreach

- 2 Public Meetings
- 2 City Council Study Sessions
- 3 Council Subcommittee Meetings
- 15 Stakeholder Meetings

6



Community Outreach

15 Stakeholder Meetings

1. RWC Chamber T&H Committee (1/9/14)
2. Inner Harbor Task Force (3/11/14)
3. Post Office (3/24/14)
4. Sequoia HS District (3/24/14)
5. Redwood City School District (3/26/14)
6. North Fair Oaks Council (3/27/14)
7. Kaiser Hospital (7/24/14)
8. Pacific Shores Management (7/24/14)
9. Stanford in RWC (7/28/14)
10. PG&E (7/30/14)
11. RWC Downtown Business Association (8/5/14)
12. Fun After Fifty (8/19/14)
13. Seaport Industrial Association (9/9/14)
14. RWC Chamber T&H Committee (9/11/14)
15. Jay Paul Development (9/22/14)

7



Basis for Alternative Reduction

- Did not result in improved performance of the interchange
- Lack of community support
- Significant right-of-way impact
- Unable to secure Caltrans approval for non-standard design features

8



Viable Alternatives



Viable Alternatives





Environmental Summary

- **Trees and Landscaping**
- **Construction Staging**
- **Minimal impacts to parks & recreation**
- **New Veterans Boulevard flyover ramp**
- **No Noise Walls**
- **No jurisdictional wetland impacts (Corps of Engineers)**
- **Minimal impact to waters of the State (RWQCB) – 0.2 ac**
- **NPDES/Notice of Intent/SWPPP**
- **Biological Construction Requirements**

11



Right-of-Way

NEED	PARCELS
Full Takes	2
Partial Takes	17
Permanent Easements	3
Temporary Construction Easements . .	19
Section 83	7

12



Project Benefits

- Improved over-all capacity, operation and safety of the interchange by realigning and widening ramps
- Signalized intersections within the interchange will realize an improved level of service
- Local and regional traffic is improved
- Improved access to and from the Port of Redwood City
- Provides accommodations for both pedestrian and bicyclist traveling through the interchange

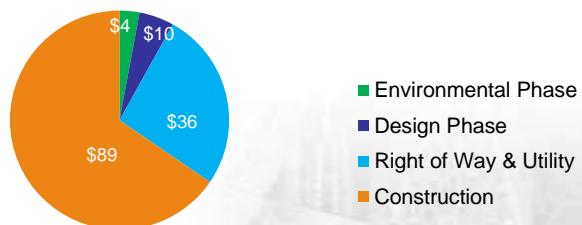
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Project Cost Estimate

Environmental Phase	\$ 4 million
Design Phase	\$ 10 million
Right-of-Way and Utility	\$ 36 million
<u>Construction</u>	<u>\$ 89 million</u>
Total	\$139 million

Project Cost Estimate - in millions

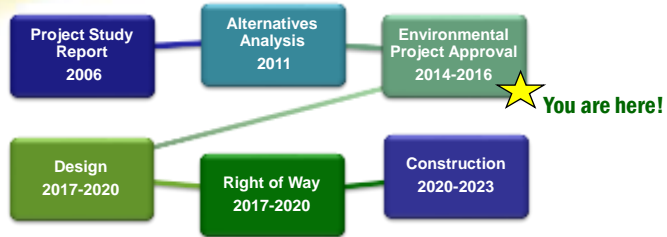


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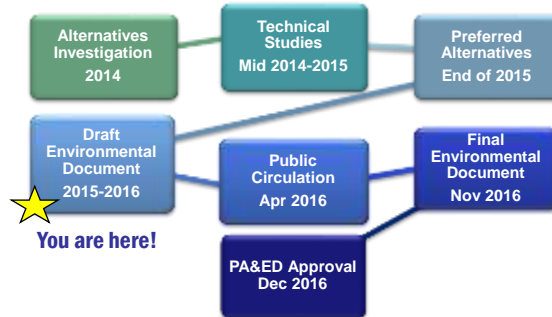


Schedule

Project Schedule



Environmental Schedule



Questions?