

Bikeways & Pedestrian Improvement Projects

City of San Leandro
City Council
June , 2013

Bicycle and Pedestrian Master Plan

- Update Adopted in February 2011
- Bicycle and Pedestrian Advisory Committee provided input and guidance
- Vision Statement:
 - A city where walking and bicycling are fully integrated into daily life, providing environmentally-friendly transportation alternatives that are both safe and convenient for people of all ages and abilities

Bicycle and Pedestrian Master Plan

Bicycle

- Improvements
 - Bikeway Network
 - Spot – 18 Locations
 - Parking – Bicycle Rack Program

Bikeway Classification	Existing	Proposed	Total ^a
Class I	4.2	8.4	12.6
Class II	17.7	10.0	27.7
Class III	3.1	20.4	22.8
TOTAL	25.0	38.8	63.1

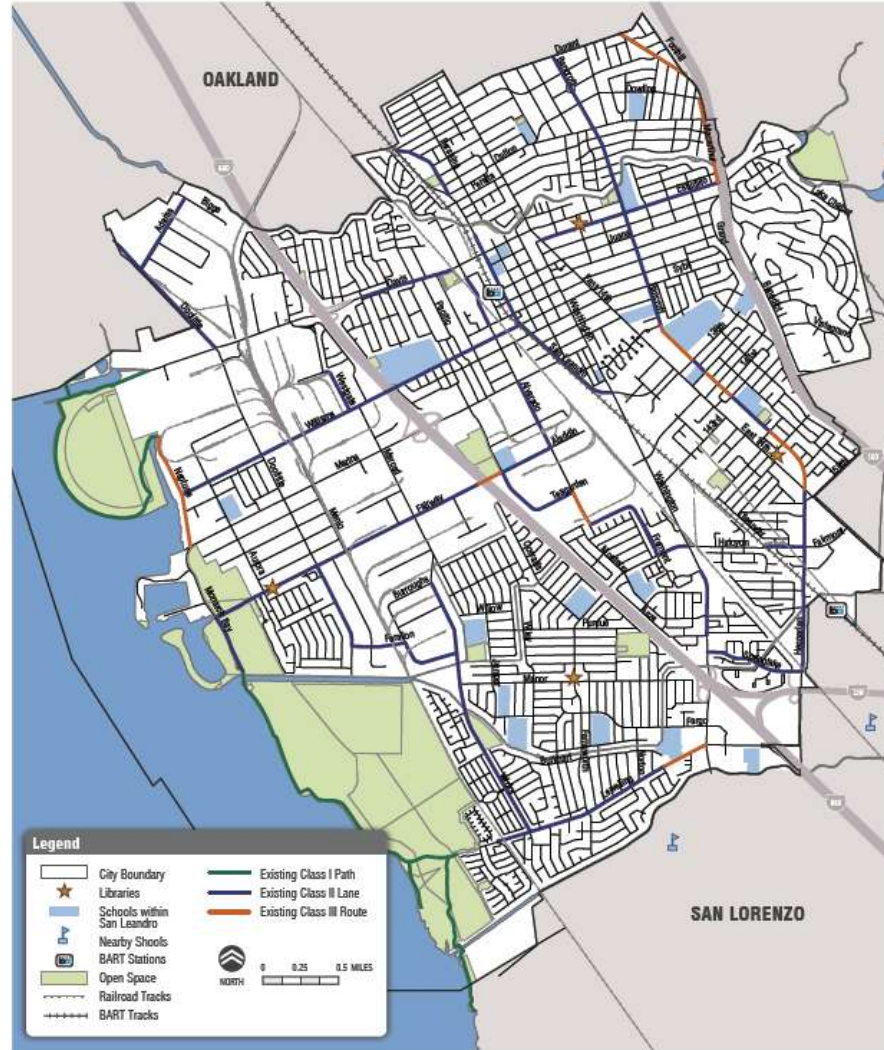
^a Discrepancy in total of Class III bikeways and total network miles is due to conversion of segments of Class III bikeway on MacArthur Blvd and Lewelling Blvd from existing Class III to proposed Class II.

Pedestrian

- Improvements
 - Citywide
 - ADA Transition Plan
 - Sidewalk Program
 - Pedestrian Improvement Areas
 - 10 Areas
 - Pedestrian Key locations
 - 20 Locations

Existing Bikeways

San Leandro Bicycle and Pedestrian Master Plan



EXISTING BIKEWAYS NETWORK
Figure 8

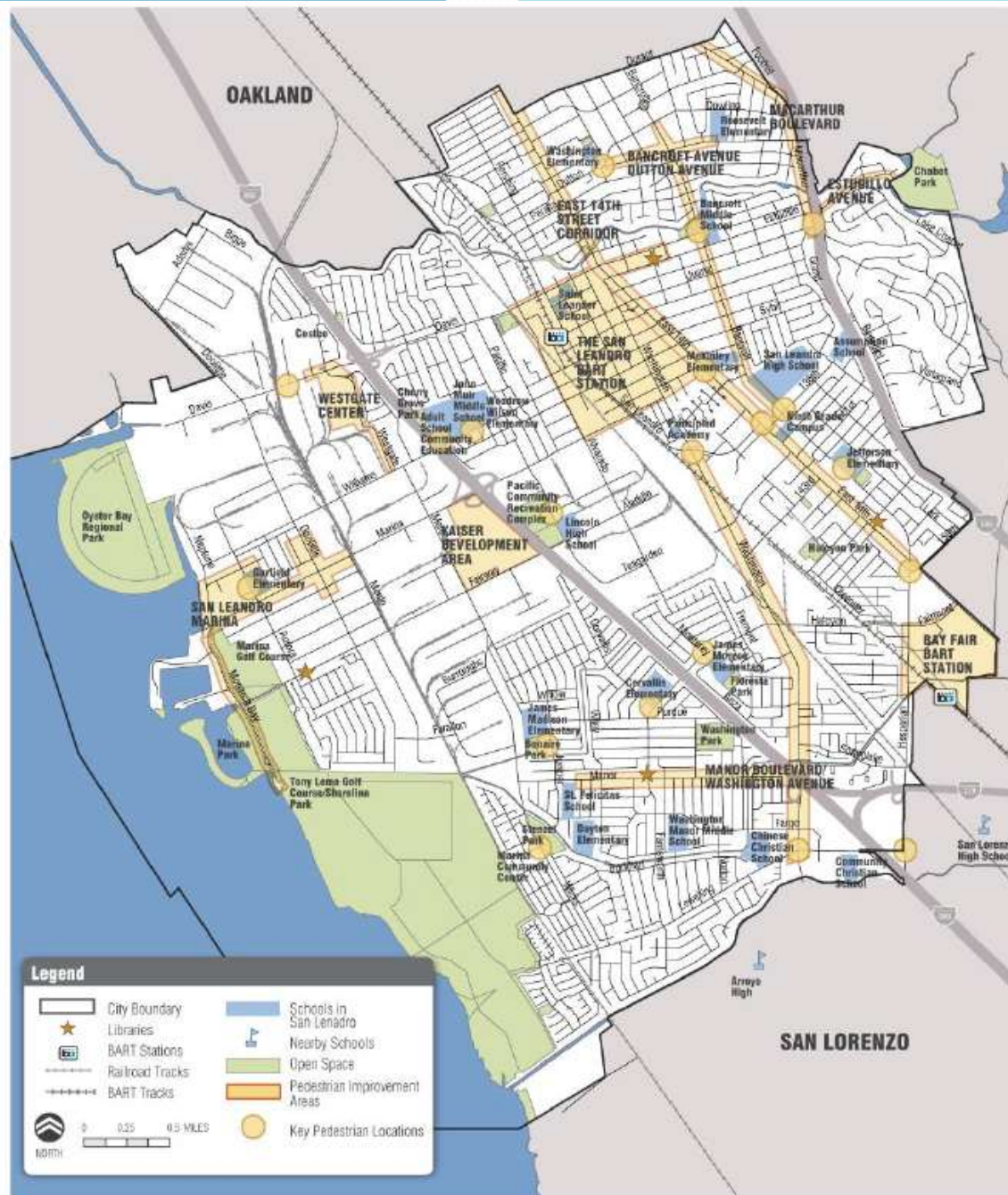
Proposed Bikeways

San Leandro Bicycle and Pedestrian Master Plan



PROPOSED BIKEWAY NETWORK

Figure 11



PEDESTRIAN IMPROVEMENT AREAS & KEY PEDESTRIAN LOCATIONS

Table A-2: High Priority Bicycle and Pedestrian Projects – 5-Year Expenditure Plan

Committed Measure B Pass-Through and TDA Funding				
Type	Project #	Project	Limits/Location	Estimated Cost ^a
Bike		Bike-to-Work Day	citywide program	\$25,000
Bike	CW-2	City Bike Rack Program	citywide program	\$50,000
Ped		Pedestrian accessible and safety equipment	citywide program	\$75,000
Ped		Accessible pedestrian ramps	citywide program	\$150,000
Ped	B-5.b	San Leandro Blvd BART Pedestrian Interface Plan (matching funds)	at Downtown San Leandro BART Station and surroundings	\$75,000
Ped	B-5.a	West Juana Ave redesign (matching funds)	at Downtown San Leandro BART Station and surroundings	\$50,000
Other Measure B Pass-Through Funding				
Both		Education programs	citywide program	\$100,000
Both	B-8	Hesperian Blvd Railroad Crossing improvements (matching funds)	Hesperian Blvd/Niles Subdivision railroad crossing	\$25,000
Bike	CW-1	Spot Improvements	citywide	\$50,000
Bike	34-1	Juana Avenue bike route	Grand Ave to San Leandro Blvd	\$9,360
Bike	60-1	Fairmont Dr-Halcyon Dr bike lanes	East 14th St to Washington Ave	\$53,600
Bike	60-2	Floresta -Farnsworth bike route	Fremont Ave to Vining Dr	\$36,200
Bike	58-1	Manor Blvd bike route	Norton St to Wicks Blvd	\$19,000
Ped	B-7.a	Dutton Ave/Bancroft Ave Intersection	Dutton Ave/Bancroft Ave Intersection	\$150,000
Ped	B-4.b	Manor Boulevard crosswalks	various locations	\$9,000
Ped	B-7.c	Bancroft Ave crosswalks	Dutton Ave to Callan Ave	\$3,000
Ped	C-1	Garfield Elem. School access	Marina Blvd	\$60,000
Ped	C-12	McKinley Elem. School access	East 14th St and Bancroft Ave	\$2,000
Ped	C-3	Cherry Grove Park access	Leonard Dr and Williams St	\$120,000
Ped	C-6	Bonaire Park access	Juniper St midblock crossing	\$20,000
Competitive Funds				
Both	5-2	Marina Park Trail	Fairway Dr to Estudillo Canal	\$337,500
Both	B-7.b/25-2	Bancroft Ave/136th Ave	Bancroft/136th Ave intersection	\$434,000
Bike	30-2	Davis St bike lanes	East 14th St to Alvarado St	\$34,400
Bike	33-1	East 14th Street Bike corridor feasibility study East 14th Street bike route	north to south city limits	\$150,000 \$103,200
Bike	70-1	Lewelling Blvd bike lanes/route	east city limits to Sedgeman St	\$30,600
Bike	30-1	Estudillo Ave bike route	east city limits to MacArthur Blvd	\$20,200
Ped	C-18	Jefferson Elem. School access	Bancroft Ave midblock crossing	\$100,000
Ped	C-9	Corvallis Elem. School access	Corvallis St intersections	\$100,000
Ped	B-10.a	Pedestrian access to Anthony Chabot Park	MacArthur Blvd to Anthony Chabot Park	\$200,000

^a Costs estimated over a five year period for on-going programs

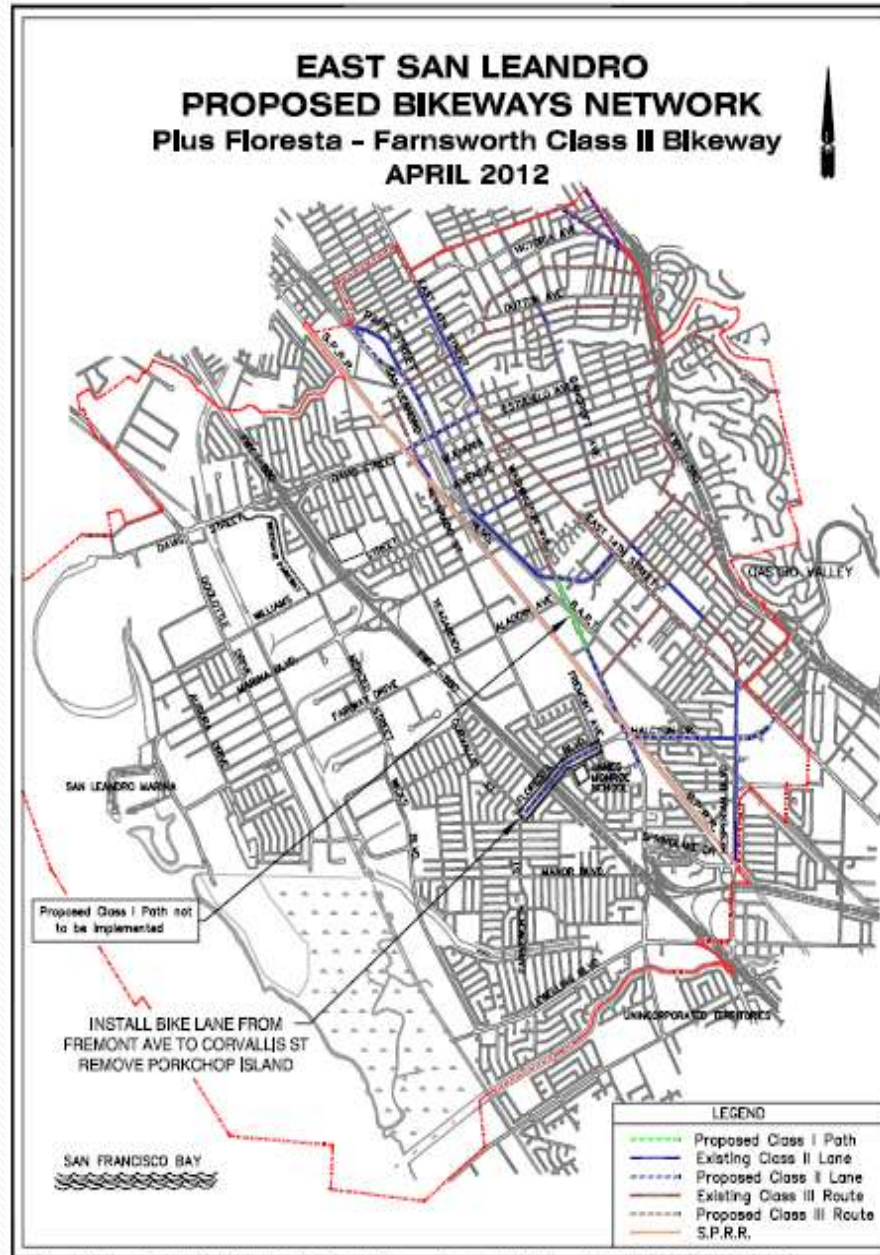
Current Projects:

- SL Bikeways – East Project
- APS at 15 Signalized Intersections
- MCC Crosswalk Project
- Hesperian/Springlake Pedestrian Improvements
- West Juana Avenue Pedestrian Improvements

Future project when funding becomes available:

- SL Bikeways – West Project

San Leandro Bikeway – East Network



Summary of San Leandro Bikeways - East

- 4.5 miles of Class II Bikeways
- 13.2 miles of Class III Bikeways
- Covering downtown San Leandro and the San Leandro BART station, linking to Oakland and to County and connecting commuters and residents to BART, employment centers, and schools
- Encouraging the use of non-motorized transportation
- Reducing greenhouse gas emissions
- Improving public safety and public health by cycling

Costs & Timelines of San Leandro Bikeways - East

- \$400,000 to \$500,000 from Measure B Bicycle and Pedestrian Funds
- 100% Design – by July 2013
- Construction – by October 2013

Accessible Pedestrian Signal (APS) Project

- Secured an MTC Cycle 4 New Freedom Program grant to install Accessible Pedestrian Signal (APS) equipment at 13 existing signalized intersections
- Equipment improves accessibility for all users



Existing APS – Locations

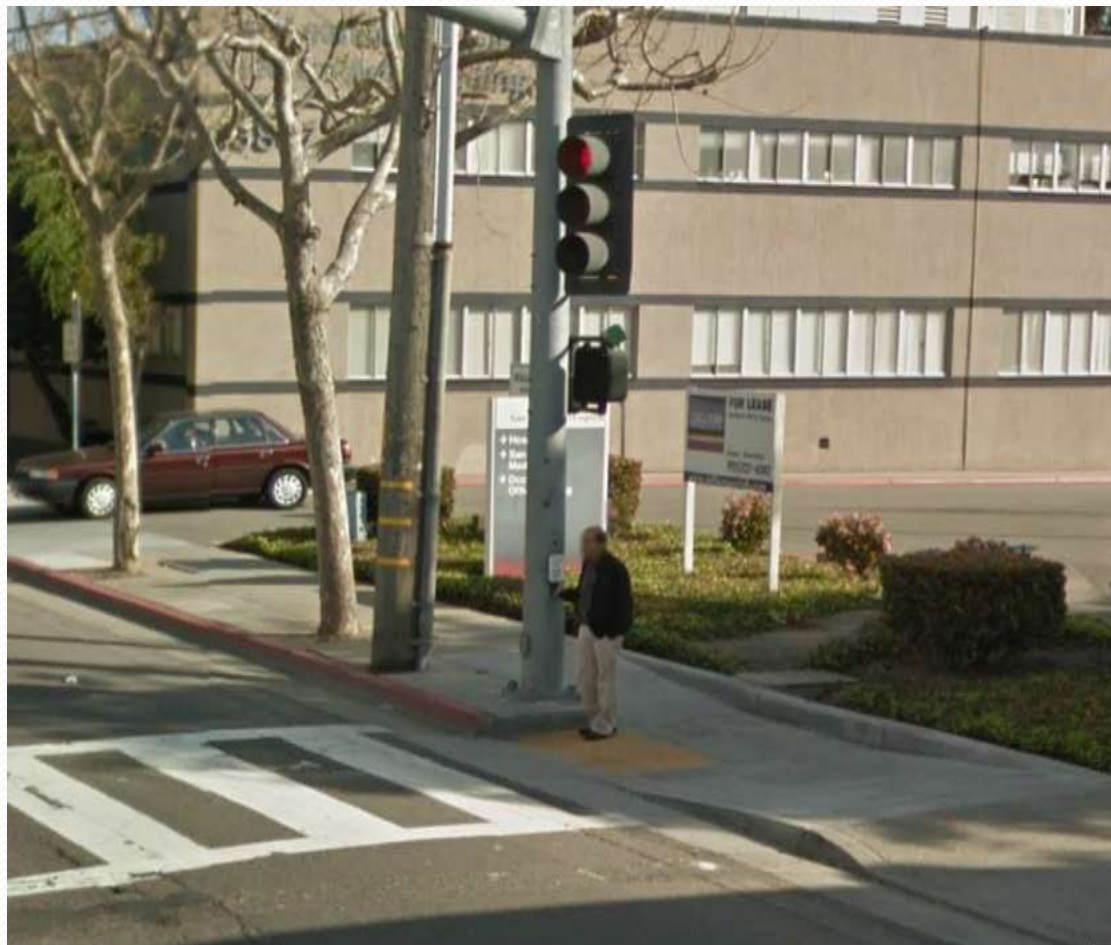


SLB & Davis



Bancroft & 136th

Existing Cuckoo and Chirp Pedestrian Signal to be Upgraded with APS at East 14th Street and 136th Avenue



Proposed APS at Caltrans-Controlled Intersections

- East 14th Street and Castro Street/Sybil Avenue
- East 14th Street and 138th Avenue
- East 14th Street and 143rd Avenue
- East 14th Street and Fairmont Drive
- East 14th Street and Bayfair Drive
- East 14th Street and 136th Avenue
- East 14th Street and San Leandro Boulevard

Proposed APS at City-Controlled Intersections

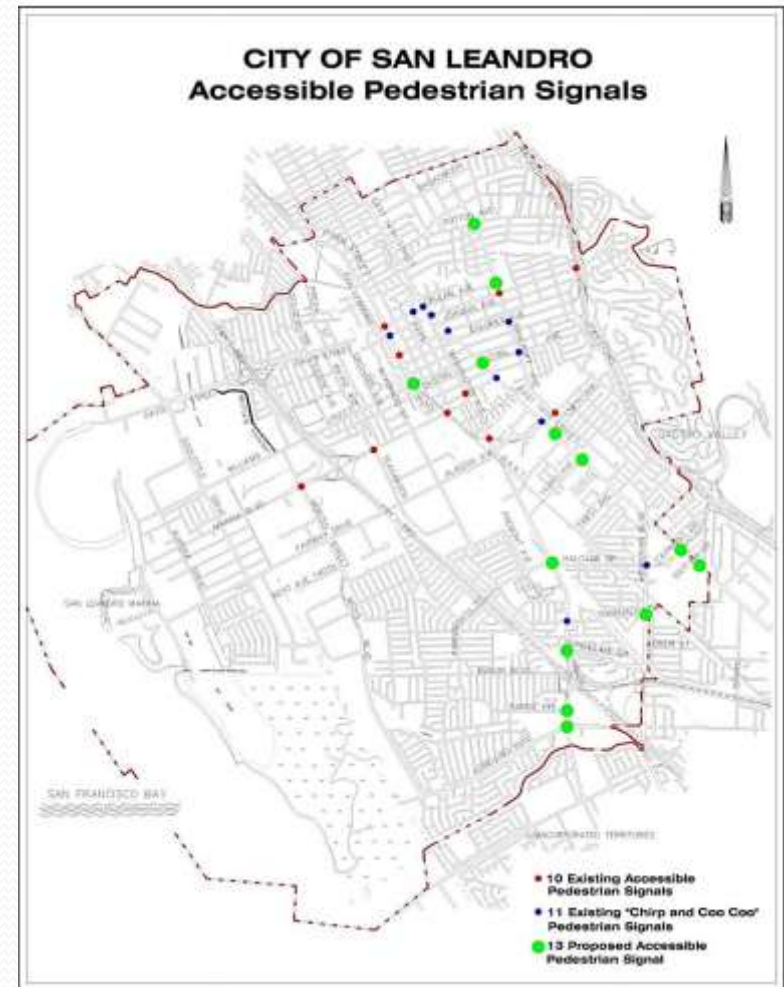
- Bancroft Avenue and Callan Avenue
- Bancroft Avenue and Dutton Avenue
- Hesperian Boulevard and Thornally Drive
- Washington Avenue and Floresta Boulevard/Halcyon Drive
- Washington Avenue and Springlake Drive
- Washington Avenue and Fargo Drive
- Washington Avenue and Lewelling Drive
- San Leandro Boulevard and Williams Street

Bancroft Ave. at Dutton Ave. to be updated with APS



Overall Costs & Timelines

- Freedom Grant – \$130,987
- Overall Supporting Costs by the City from Measure B Bicycle and Pedestrian Funds – \$260,546
- Total Cost – \$391,533
- 100% Plan – by July 2013
- Caltrans Encroachment Permit – by August 2013
- Construction start – by December 2013



Rectangular Rapid Flash Beacon (RRFB) will be installed at Marina Community Center



Rectangular Rapid Flash Beacon (RRFB) at Marina Community Center



Rectangular Rapid Flash Beacon (RRFB) at Marina Community Center

Features & Advantages:

- Driver yielding rates of 80%
- Wireless, synchronized LEDs
- Solar-powered, eco-friendly
- Easy installation, maintenance free
- Web-based monitoring/alert option
- LED indicators for pedestrians
- More effective than round beacons

Recommended applications:

- School Crossings
- Pedestrian Crossings
- Roundabout Crossings
- High-Speed and Multi-Lane Crossings

Overall Costs & Timelines

- RRFB & One Ramp – \$60,000
- From Measure B Bicycle and Pedestrian Funds
- 100% Plan – by July 2013
- Construction by February 2014

Hesperian/Springlake RR-Xing Pedestrian Improvements



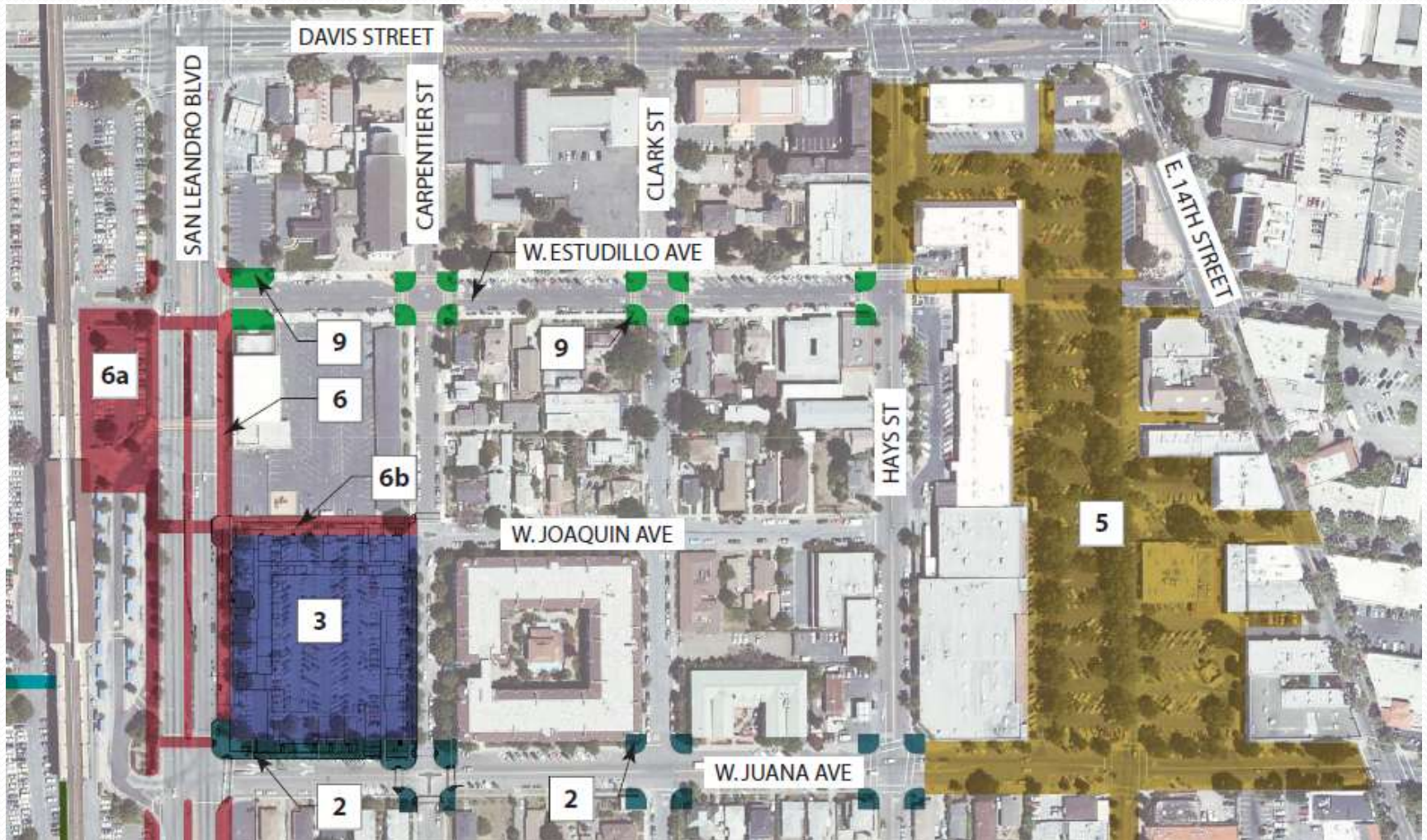
Hesperian/Springlake RR-Xing Pedestrian Improvements

- Section 130 Rail Safety Grant
- 100% Grant - \$191,000
- Design Completion – July 2013
- Construction – November 2013

West Juana Avenue Pedestrian Improvements



West Juana Avenue Pedestrian Improvements

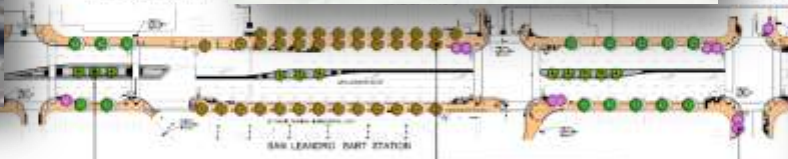


West Juana Avenue Pedestrian Improvements

- Awarded \$346,000 OneBayAreaGrant/Coordinated Funding Grant
- Estimated Total Project Cost \$724,000
- Start Design September 2013
- End Design January 2014
- Start Construction May 2014

Other Bicycle and Pedestrian Program

- Safe Routes to School Program – Safe Moves
- Bicycle Rack Program
- Sidewalk Program
- BART/Downtown Pedestrian Improvements (San Leandro Boulevard)



LARGE STREET TREE



ACCENT PALM



SHRUBS AND GROUNDCOVERS



SHRUB STREET TREE - ACCENT PALM COLOR



Questions and Comments?