

James Winslow, Sr. Project Manager October 16, 2018



Recommendation



RECOMMENDED ACTION

RESOLUTION NO. 18-___

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GOLETA, CALIFORNIA, ADOPTING THE CITY OF GOLETA BICYCLE AND PEDESTRIAN MASTER PLAN with the recommended revisions to the Notice of Exemption adding Class IV to the list of bike treatments and the edits to the document as noted



BPMP Purpose



BPMP PURPOSE

Purpose

- Consistent with General Plan
- Local-level long-range planning and feasibility study
- Codify and formalize current process
- Living document

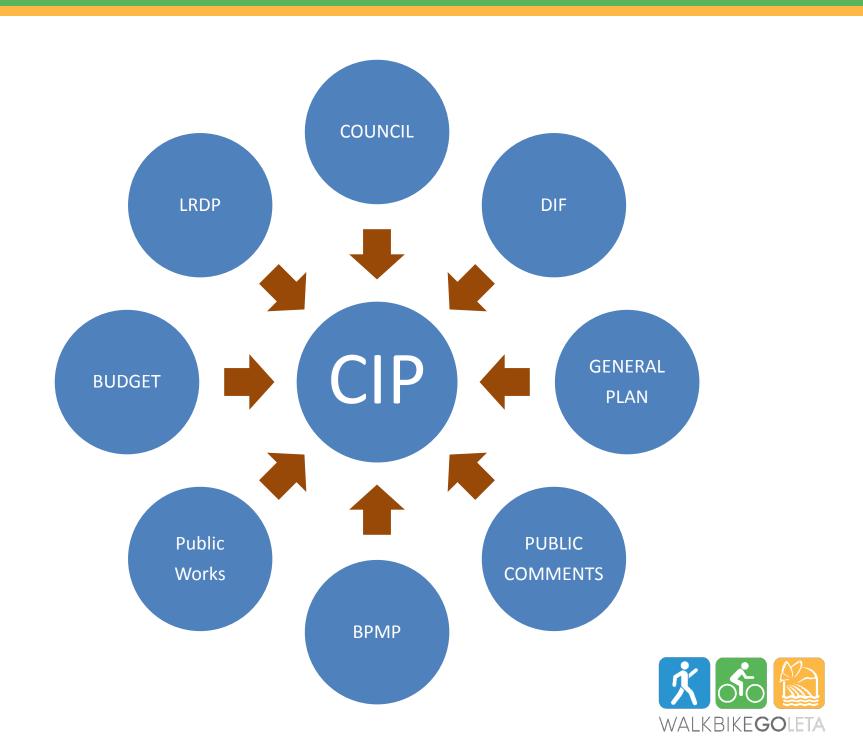


TRANSPORTATION ELEMENT 11.2

- Bicycle Transportation Plan
- Streets and Highways Code 819.2
- Active Transportation Program (ATP)



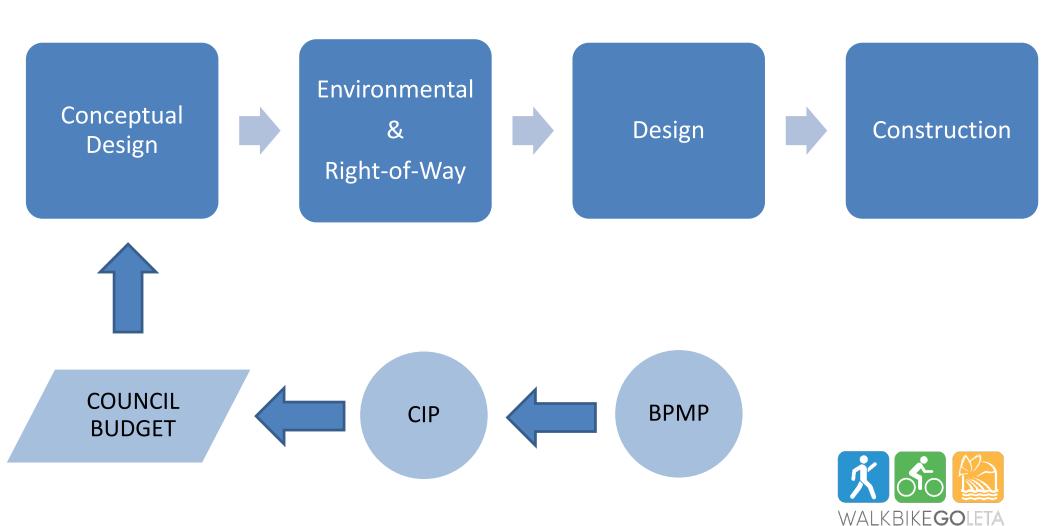
BPMP PURPOSE



Project Delivery Process



PROJECT DELIVERY PROCESS



Goals & Purpose



GOALS AND PURPOSE

Project Purpose

Help guide future walking and biking improvements, such as safe routes to school and improved access to transit.

Overall Goal

Expand and improve the pedestrian and bicycle network.



GRANT OBJECTIVES

1.Promote Public Health

2.Reduce Automobile Usage and Fuel Consumption

3. Promote Equity



Vision, Goals, & Objectives



Vision Statement

To support Goleta's long-term vitality, the City envisions a future where transportation choices for people of all ages and abilities help sustain and improve Goleta's healthy, active, family-friendly, outdoor lifestyle, and provide access to jobs, schools, and recreation. This is envisioned through well-connected, safe, accessible bikeways, and walking routes that provide equitable benefits to all road users.



- 1. Identify gaps and barriers, both perceived and actual, in the existing network where high priority routes are disconnected.
- 2. Developing a metric and methodology for prioritizing projects including identifying need in disadvantaged communities such as Old Town Goleta, family friendly routes, and a tiered network that serves experienced riders and less experienced riders.



- 3. Incorporating design guidance into City road standards that can be applied to a typology of different streets and provide for a sustainable community.
- 4. Encouraging the use of walking and biking as viable alternative modes of transportation.



Replacements/ Updates



REPLACEMENTS

Page II

Corrections and revisions to Acknowledgements section

Pages 89, 101, 132

Word choice edits



Changes from Planning Commission



6 Key Performance Measures



Complete the current list of Capital Improvement Program (CIP) bicycle and pedestrian projects by 2035



Increase walking and bicycling mode share to 10% by 2025 and 15% by 2030



Reduce driving alone commute by 10% (to 60%) by 2030



6 Kev Performance Measures



Reach an "Overall Score" of "3" in the PlacesForBikes City Ranking by 2025



Ensure a variety of infrastructure improvements are implemented by 2025



Percentage of School-aged Children Walking & Bicycling to Schools – 13% combined; 15% increase by 2030 to 28%



ADDITIONS

Notice of Exemption

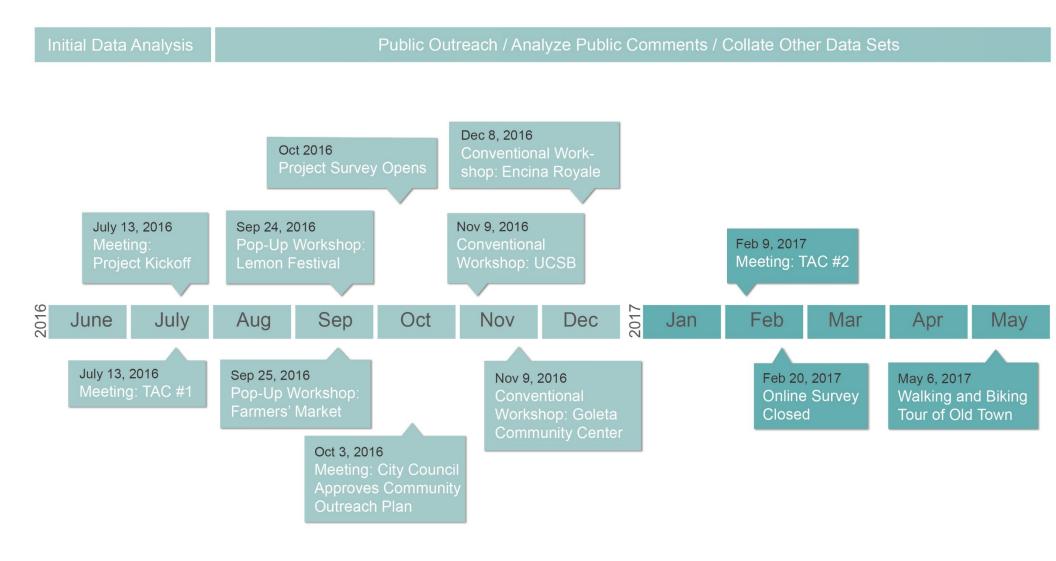
 Add Class IV bike treatments – Separated Bikeways (Cycle Tracks)



Timeline

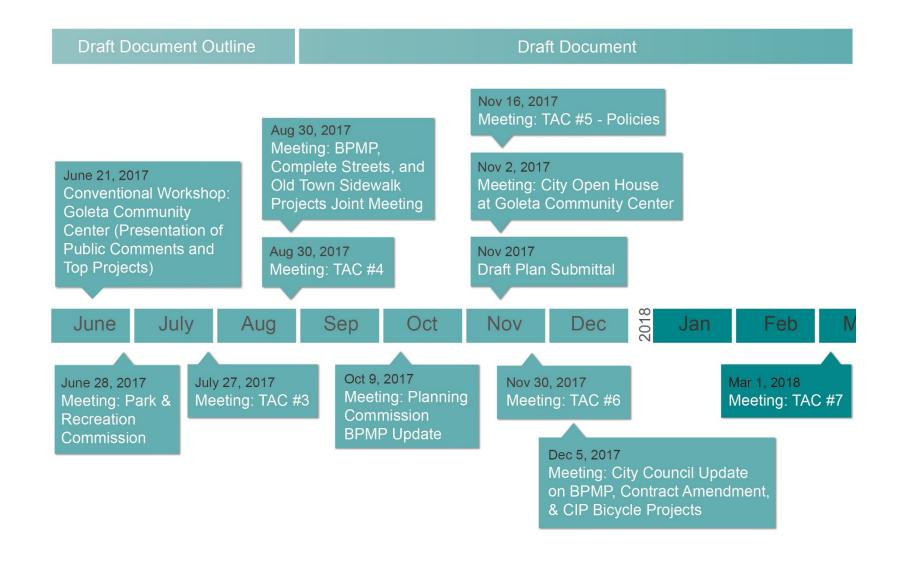


TIMELINE



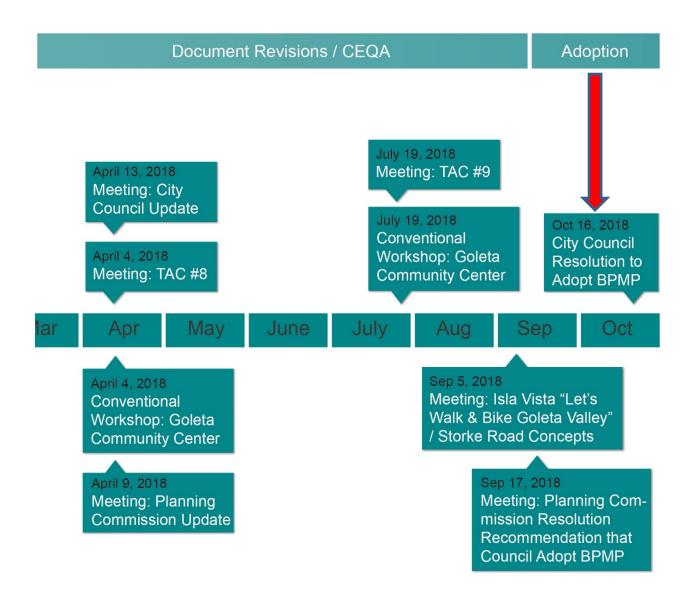


TIMELINE





TIMELINE





Public Outreach



TAC AKNOWLEDGEMENTS

- City of Goleta Departments
- City of Santa Barbara
- County of Santa Barbara
- SBCAG Traffic Solutions
- MTD
- County Health
- UCSB
- Goleta Union School Board
- Goleta Chamber of Commerce
- SBBike
- COAST
- Community Environmental Council
- Santa Barbara Neighborhood Clinics
- Isla Vista Community Services District

PUBLIC OUTREACH

- Technical Advisory Committee
- Public Workshops
- Pop-up Events
- Online Survey
- Online Comment Map
- Spanish Translation



Bicycle and Pedestrian Master Plan Survey



Please scan this QR tag to take our online survey! Or visit www.surveymonkey.com/r/GoletaBPMP



For more information, please contact James Winslow, Senior Project Manager, jwinslow@cityofgoleta.org

130 Cremona Dr Ste B, Goleta, CA 93117 (805) 961-7577

Ciudad de Goleta Plan Maestro para Peatones y Ciclistas



¡Queremos tus

La ciudad de Goleta está iniciando el El plan ayudará a proponer mejoras a como rutas seguras a la escuela y el

¡Queremos saber lo que es importante futuro de Goleta y haz oír tu voz. Por t comunitarios en UCSB y en el Centro

Miércoles, 9 de noviembre de UCSB University Cente 2264 Ucen Road

Miércoles, 9 de noviembre de Centro Comunitario de 5679 Hollister Avenue

Para más información, por favor contacte a: James Winslow, Director de Proyectos jwinslow@cityofgoleta.org, (805) 961-7577

130 Cremona Drive, Suite B, Goleta, CA 9311

City of Goleta Bicycle and Pedestrian Master Plan



We Want Your Input!

The City of Goleta is kicking off a Bicycle and Pedestrian Master Plan to help guide future walking and biking facility improvements, such as safe routes to school and improved transit access.

We want to know what's important to you! Help shape Goleta's future and make your voice heard by joining us at our public input events. We'll have booths at the Lemon Festival and at the Farmers' Market.

Saturday, September 24th, 10am-4pm

California Lemon Festival in Goleta Girsh Park, 7050 Phelps Road

Sunday, September 25th, 10am-2pm

Goleta Farmers' Market

Camino Real Marketplace, Corner of Hollister Avenue & Storke Road

For more information, please contact: James Winslow, Senior Project Manager jwinslow@cityofgoleta.org, (805) 961-7577



130 Cremona Drive, Suite B, Goleta, CA 93117

PUBLIC OUTREACH



Bicycle Level of Traffic Stress



ANALYSIS: BICYCLE LEVEL OF TRAFFIC STRESS





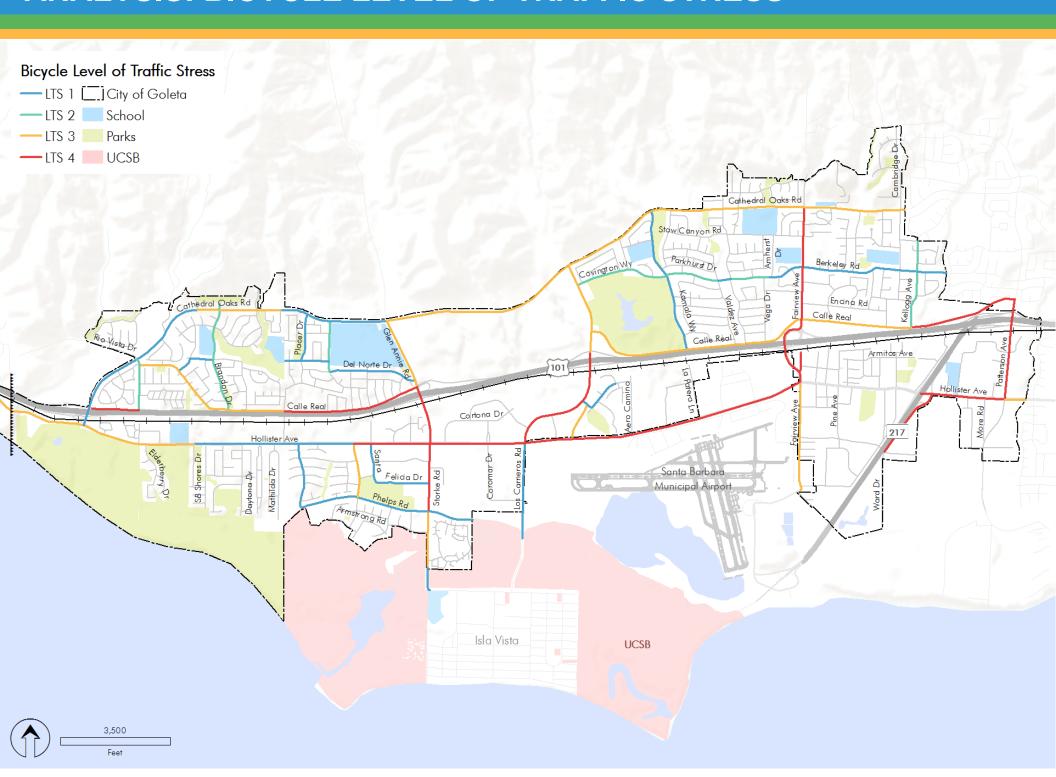




Speed Limit	Traffic Volume	Class II Bike Lane			Class III Shared Lane
		Number of Lanes			
		2	3	4+	2
≦ 25	≦ 2k	1	1	1	1
	2-5k	1	1	1	2
	>5k	1	2	2	2
30	≦ 2k	1	2	2	2
	2-5k	2	2	2	3
	>5k	2	3	3	3
35	≦ 2k	2	3	3	3
	2-5k	2	3	3	3
	>5k	3	3	4	4
≧ 40	≦ 2k	3	4	4	4
	2-5k	4	4	4	4
	>5k	4	4	4	4



ANALYSIS: BICYCLE LEVEL OF TRAFFIC STRESS



Visionary Improvements



VISIONARY COMPONENT

- Long-term Visionary Improvements
- Corridors
- US 101/UPRR Crossings



VISIONARY COMPONENT

Fairview Avenue/ US 101 Overpass



Storke Road Corridor





VISIONARY COMPONENT

Goleta Loop



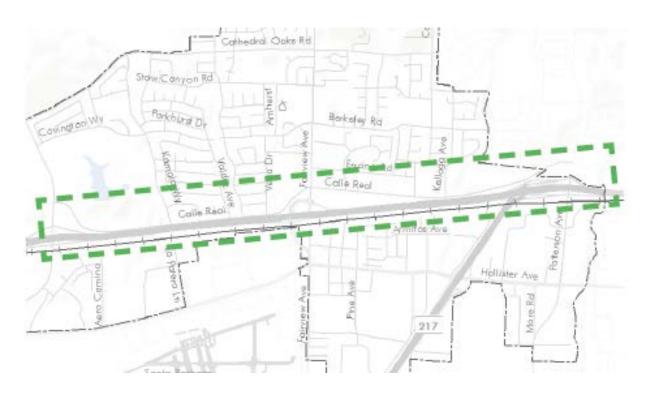


VISIONARY COMPONENT

Fairview/Goleta Beach Corridor

Calle Real Calle Real Armitos. 21 anta Barbara micipal Airport

Calle Real Corridor





VISIONARY COMPONENT

Railroad Multi-use Path

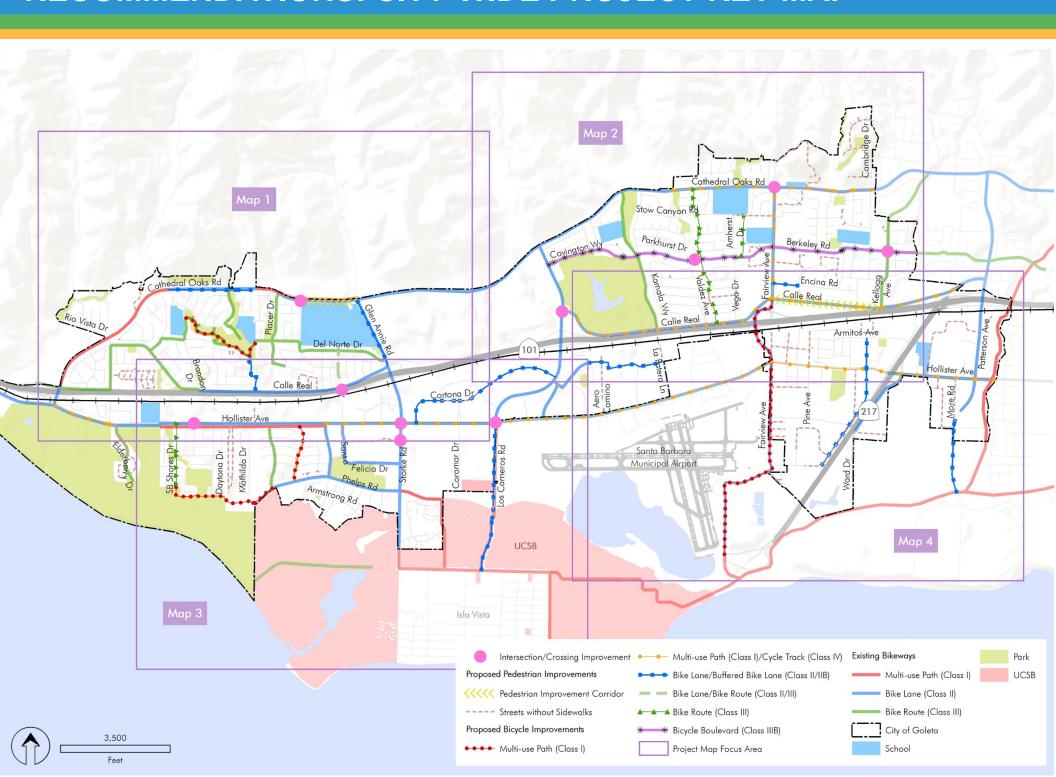




Potential Project Improvements



RECOMMENDATIONS: CITY-WIDE PROJECT KEY MAP



RECOMMENDATIONS: PRIORITIZATION

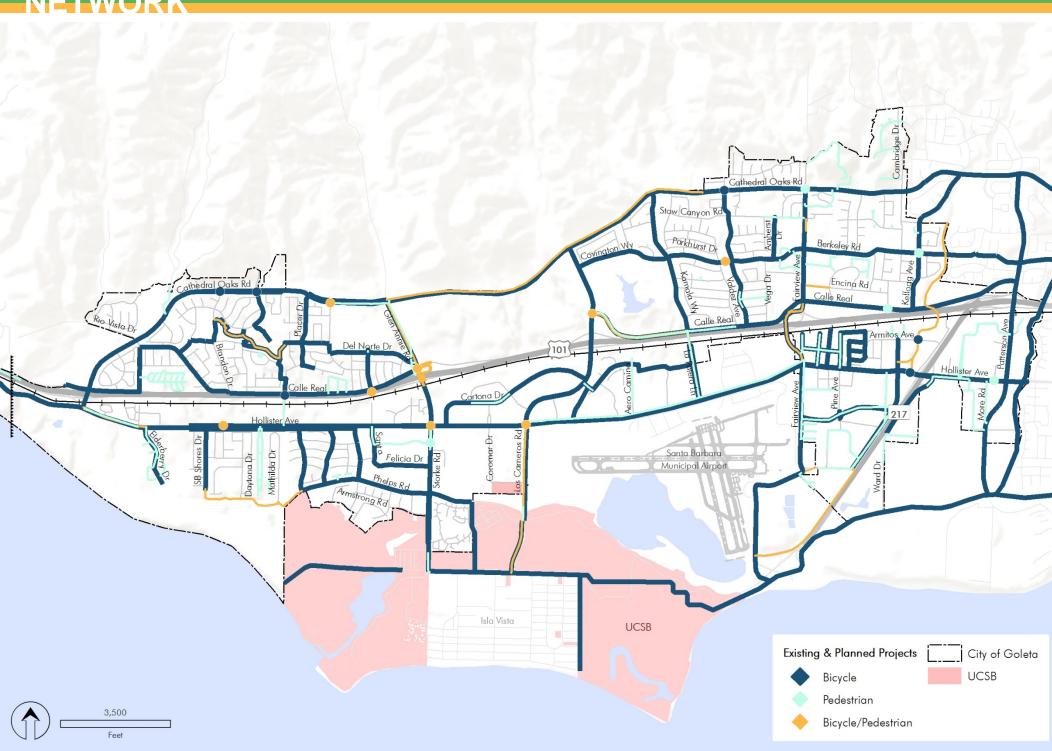
Prioritization Process

- Number of Attractors (points of interest)
- Number of Schools
- Number of Parks
- Reported Collisions
- Public Transportation to Work
- Walk to Work
- Bike to Work
- Households Without Vehicles
- 2010 Population Density (Residents/acre)
- 2010 Employment Density (Employed per Residents 16)
- Seniors over 65
- Active Transportation Network/ Gap Closure
- Number of Comments Received from
- Community Engagement Process
- Grant Competitiveness

Recommended Future Network



RECOMMENDATIONS: FUTURE



Draft Policies



RECOMMENDED DRAFT POLICIES

Goal 1: Complete Network

Develop comprehensive bicycle and pedestrian network and infrastructure to provide safe, fun, convenient, healthy and environmentally-friendly travel throughout the City for all ages and abilities.

Goal 2: Design and Walkway Maintenance

Continue designing a walking and bicycling infrastructure that meets the needs of all users of all ages and abilities.

Goal 3: Network Maintenance

Maintain the walking and bicycling infrastructure allowing all users of all ages and abilities access to commercial and employment centers, neighborhoods, parks, and schools.

Goal 4: Bicyclist and Walker Safety

Develop bicycling and walking safety and monitoring programs to encourage non-motorized travel within the City.

RECOMMENDED DRAFT POLICIES

Goal 5: Bicycling and Walking Support Resources

Develop bicycling and walking resources that meet both commuter and recreation needs.

Goal 6: Bicycle and Walking Encouragement

Develop programs to increase awareness of bicycling and walking benefits and to encourage residents to bicycle and walk to work, shopping, school, and for recreation.

Goal 7: Bicycle and Pedestrian Project Partnering and Funding

Coordinate City bicycle and pedestrian improvement plans with interagency transportation plans and funding programs.

Goal 8: Economic Growth

Promote inclusive and sustainable economic growth and tourism by developing bicycle and walking facilities and improving existing infrastructure in commercial and tourist areas.

Funding Opportunities



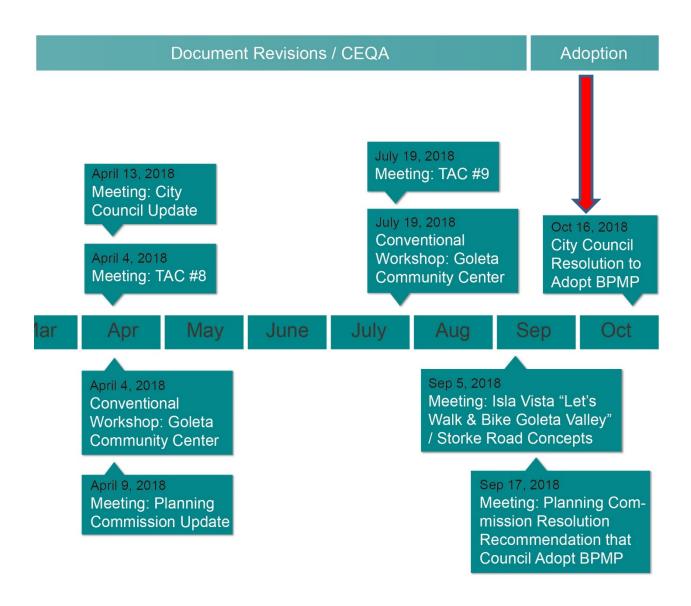
Typical Funding Opportunities

- Transportation Development Account
- Measure A
- SB1
- Grants
 - Active Transportation Program (ATP)
 - Sustainable Communities
 - Highway Safety Improvement Program (HSIP)
 - Safe Routes to School

Next Steps



NEXT STEPS





Recommendation



RECOMMENDED ACTION

RESOLUTION NO. 18-___

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GOLETA, CALIFORNIA, ADOPTING THE CITY OF GOLETA BICYCLE AND PEDESTRIAN MASTER PLAN with the recommended revisions to the Notice of Exemption adding Class IV to the list of bike treatments and the edits to the document as noted







GOLETA, CA CITY SCORECARD



OVERALL SCORE



The overall score is based on Ridership, Safety, Network, Reach and Acceleration. It includes publicly available data and data gathered from our Community Survey, City Snapshot, and Bike Network Analysis.

SAFETY 🖲

Measures how safe it is and feels to ride a bike.



All mode fatalities and injuries

Bicycle fatalities and injuries

Perceptions of safety

2.0

‡

REACH 2

Measures how well the bike network serves everyone equally.



Demographic gap in BNA

Bicycle commuting rates by gender

3.6

3.6

RIDERSHIP &

Measures how many people are riding.



Bicycle commuting 0.6
Recreational bike riding 1.9
Perceptions of bike use ‡

NETWORK 📜

Measures how well the bike network connects people to destinations.



Bicycle Network Analysis (BNA) 2.0
Perceptions of network quality ‡

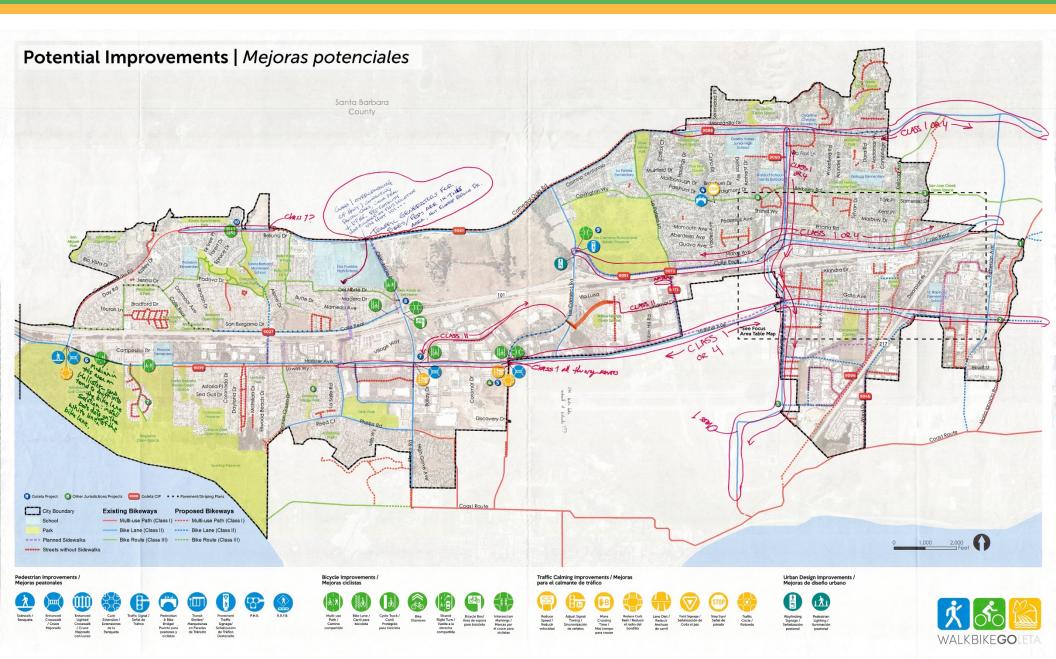
ACCELERATION out

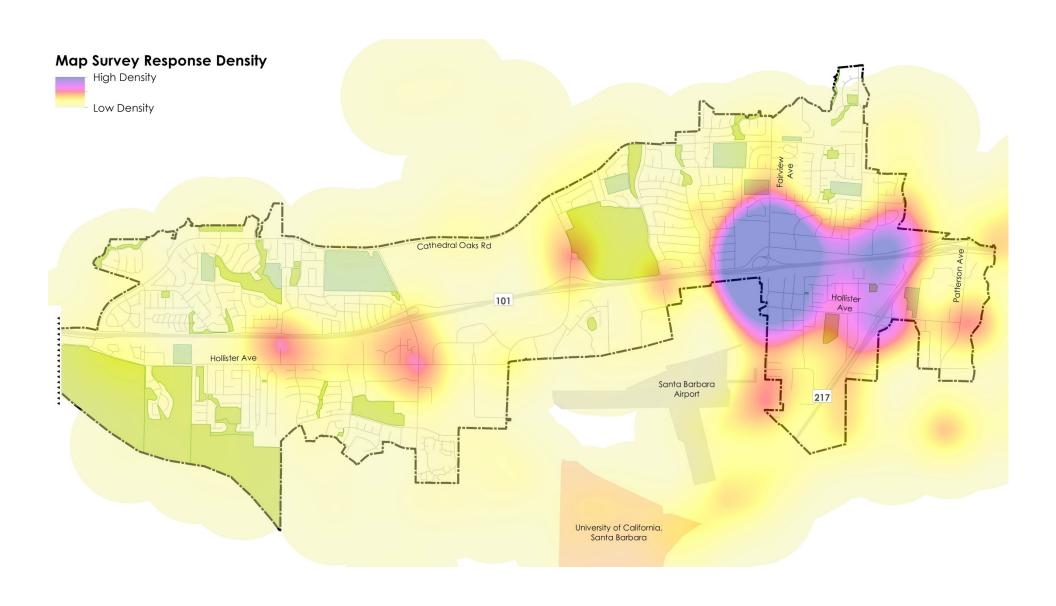
Measures the city's commitment to growing bicycling quickly.

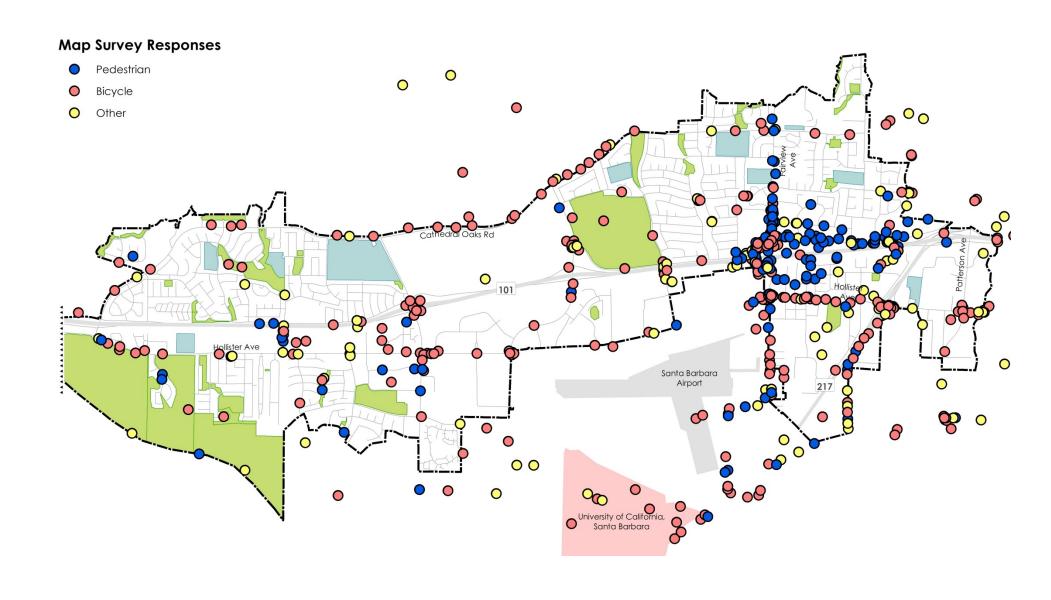


Growth in bike facilities and events
Perceptions of progress









REPLACEMENTS

Page 131 – Education/Enforcement

- Add "Potential" to two headings.
- Rewrite both paragraphs.

Page 132

Delete reference to Los Angeles Police Department.

Page 133

 Add reference to existing Safety Town of Santa Barbara

Page 133-134 – Tracking and Monitoring Ped and Bike Travel

- Add "The City could" to the beginning of the headings.
- Rewrite two sentences.



REPLACEMENTS

Page 138 – Policies

 Add "Action Items are included with many Policy Statements listed in this Chapter. The City may implement the Action Items as future resources allow.

Page 141

Design description updated

Page 143

- Action 3.2.1 "Explore development of a..."
- Move "bikeway surfaces up" and
- Delete Action 3.2.2 and renumber remaining.

Page 146

- Action 6.6.1 add "in coordination with non-profits such as SBBike..."
- Action 6.8.2 Replace "Develop" with "Support KBIKEGOLETA

DEMOGRAPHIC DATA

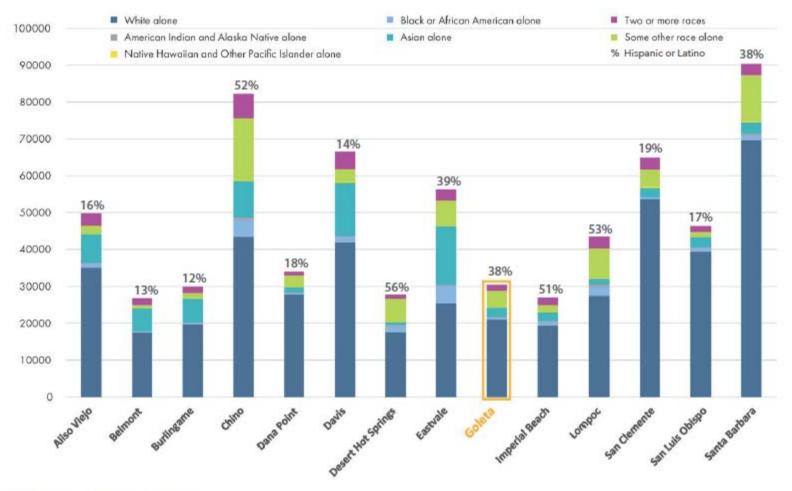
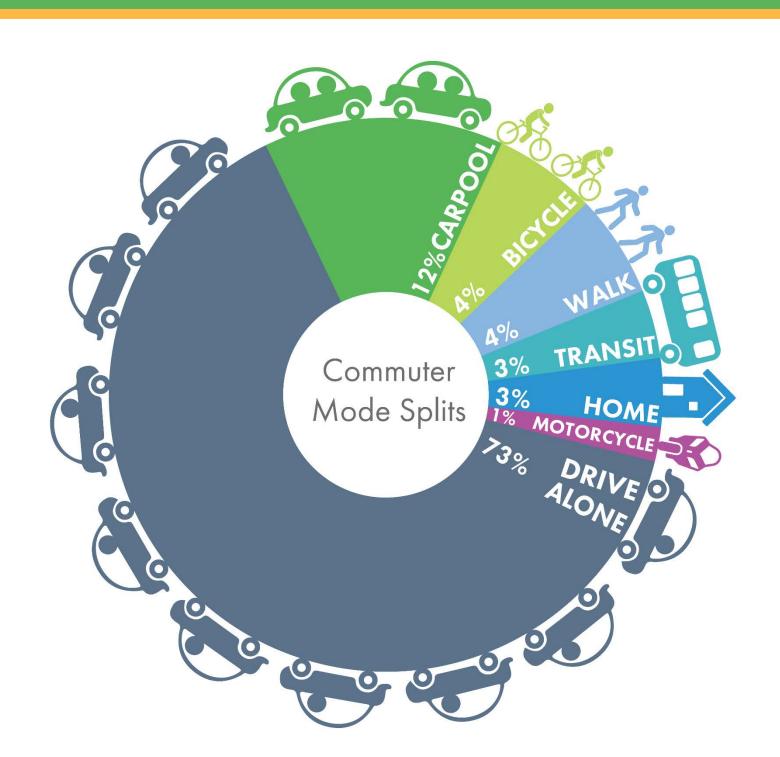


Figure 2-13: Facility Comparison - Race

CHAPTER 2: EXISTING CONDITIONS AND ANALYSIS DRAFT



COMMUTER MODE SPLIT

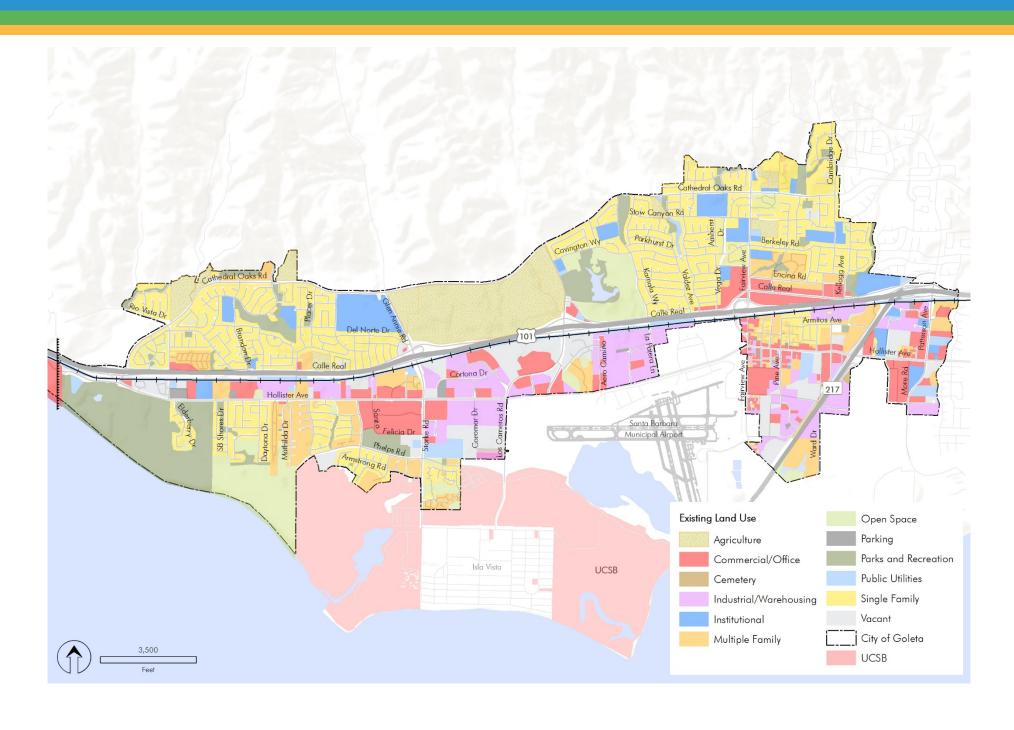


BACKGROUND SLIDES

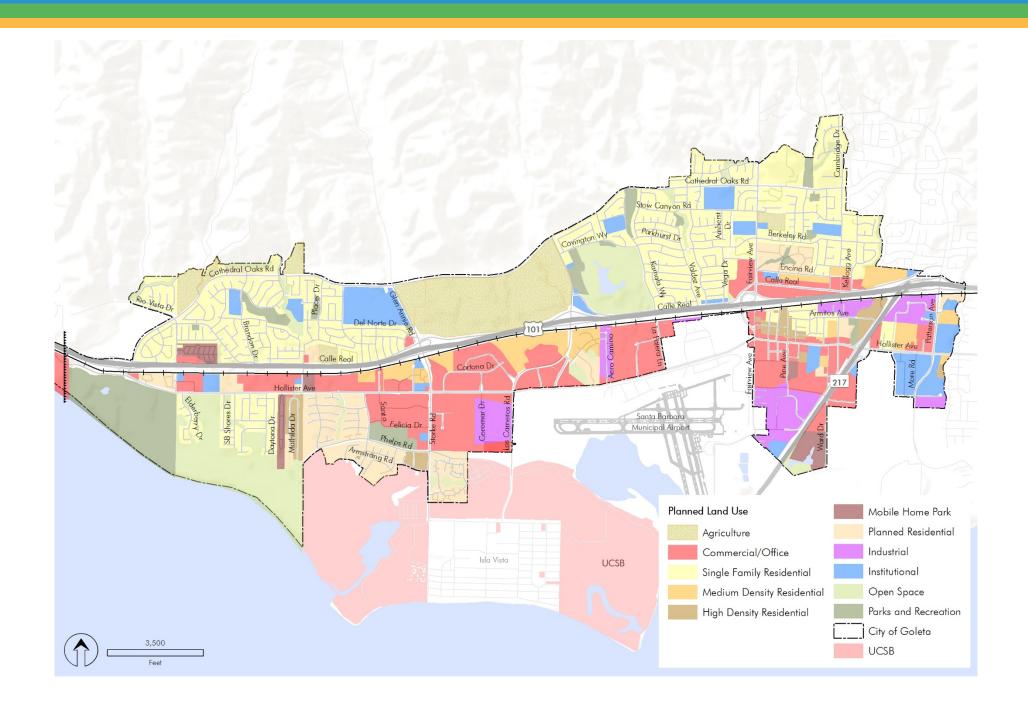
Existing Conditions

- Land Use (Existing and planned)
- Activity Centers (Typical and specific to Goleta)
- Street Classification (Roadway types, ADTs, speed limits)
- Mobility Barriers (Bicycle and pedestrian travel barriers)
- Bicycling Mode Share (US Census, Strava®, other sources)
- Walking Mode Share (US Census)
- Public Transit Mode Share (MTD routes and boarding/alighting data)
- Personal Vehicle Availability (US Census)
- School Zone Infrastructure (Bicycle/pedestrian facilities around schools)
- Population and Employment (US Census)
- Income (Household income: US Census)
- Age Stratification (Age density patterns: US Census

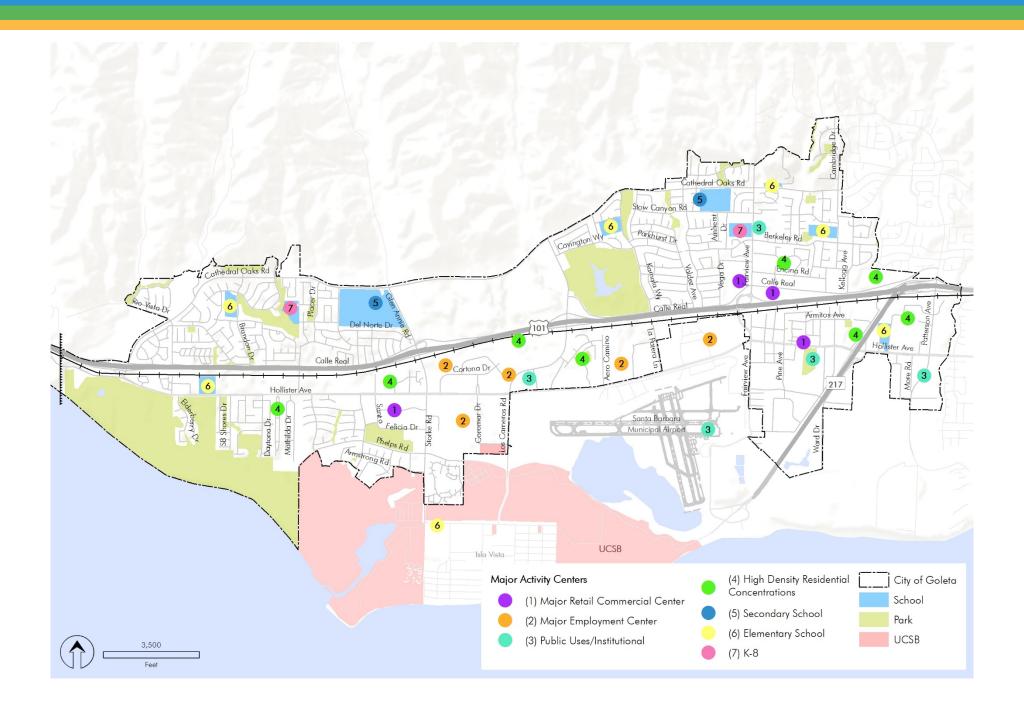
EXISTING LAND USE



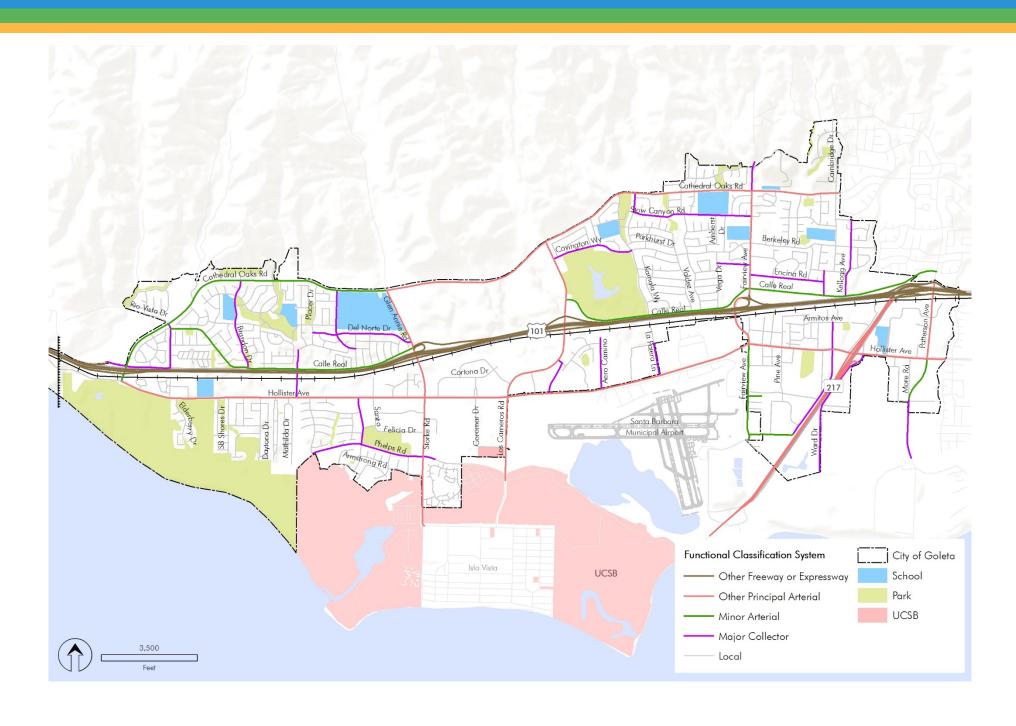
PLANNED LAND USE



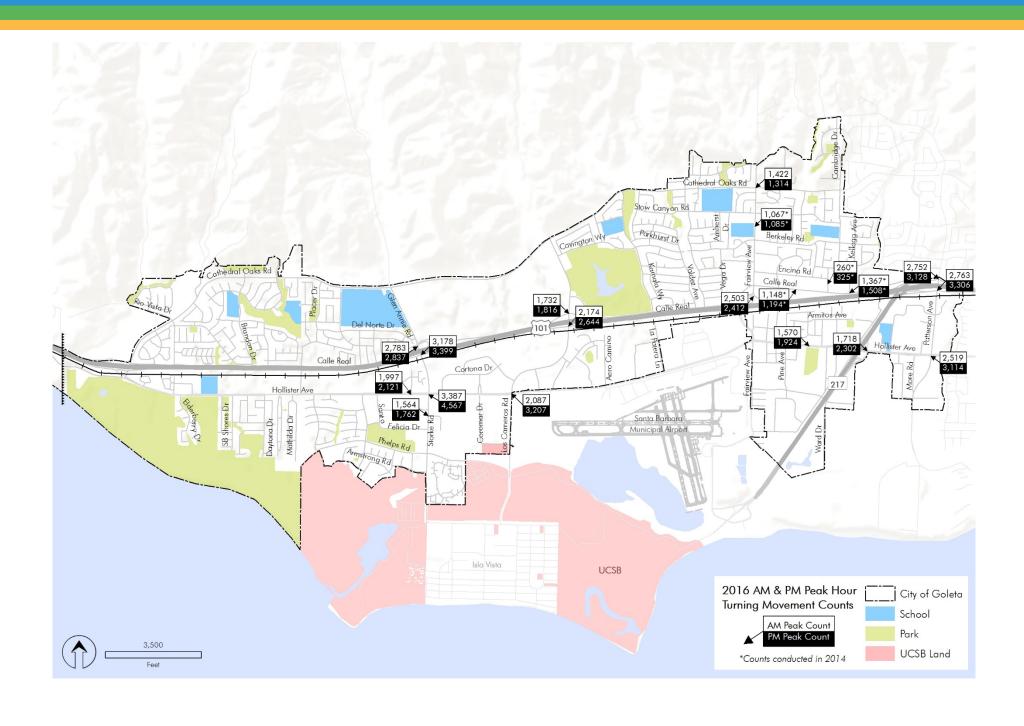
ACTIVITY CENTERS



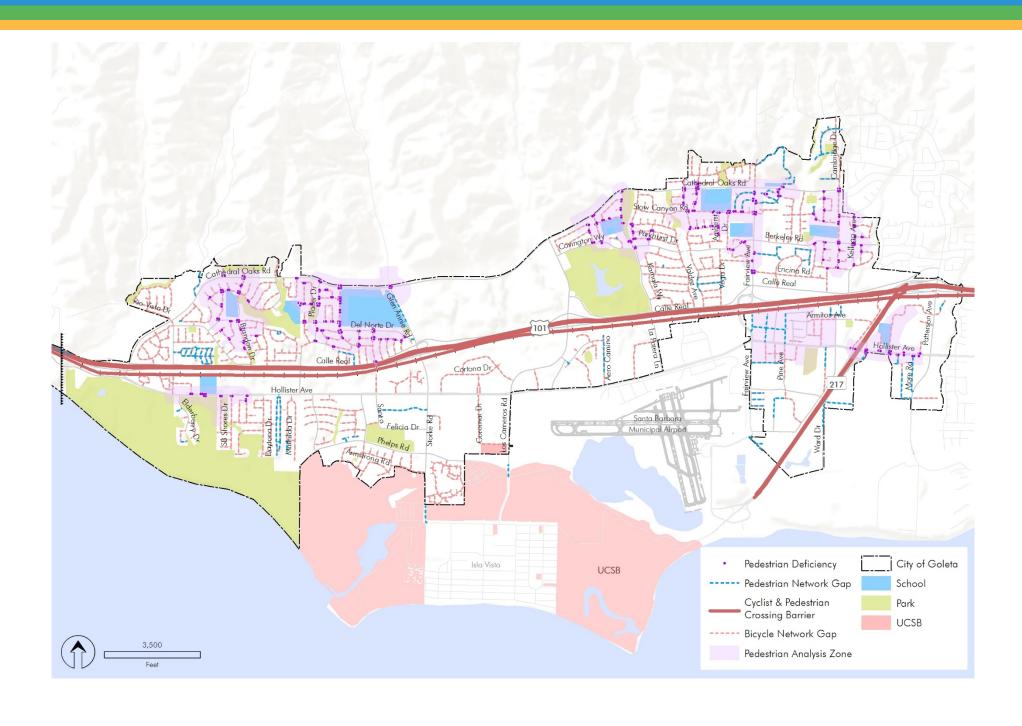
STREET CLASSIFICATIONS



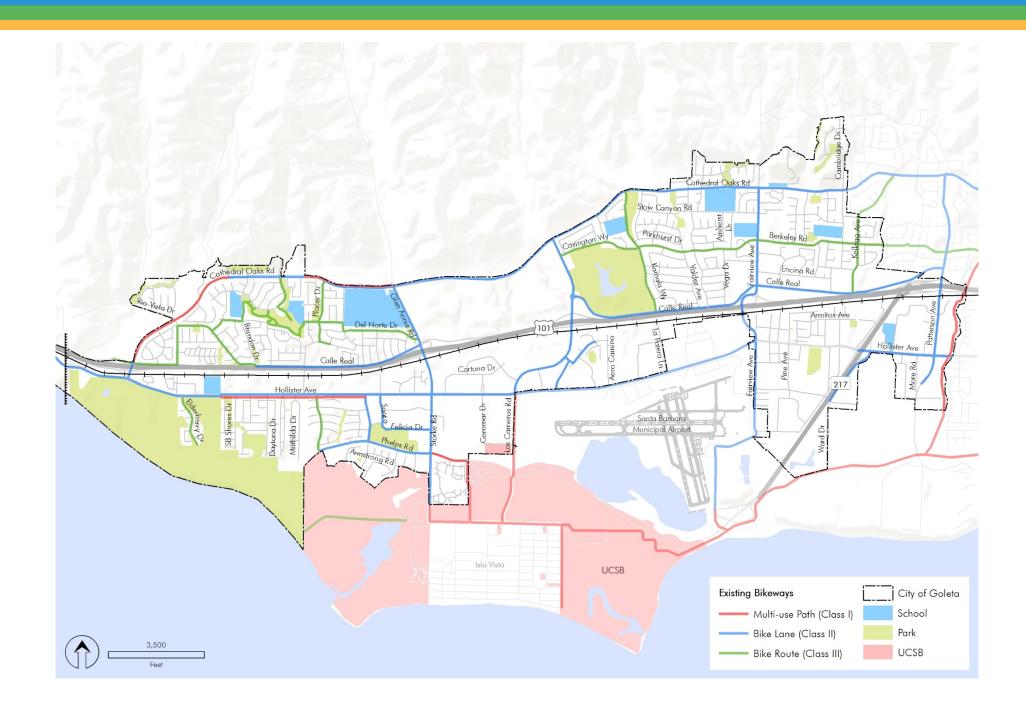
TRAFFIC VOLUMES



SCHOOL ZONE INFRASTRUCTURE

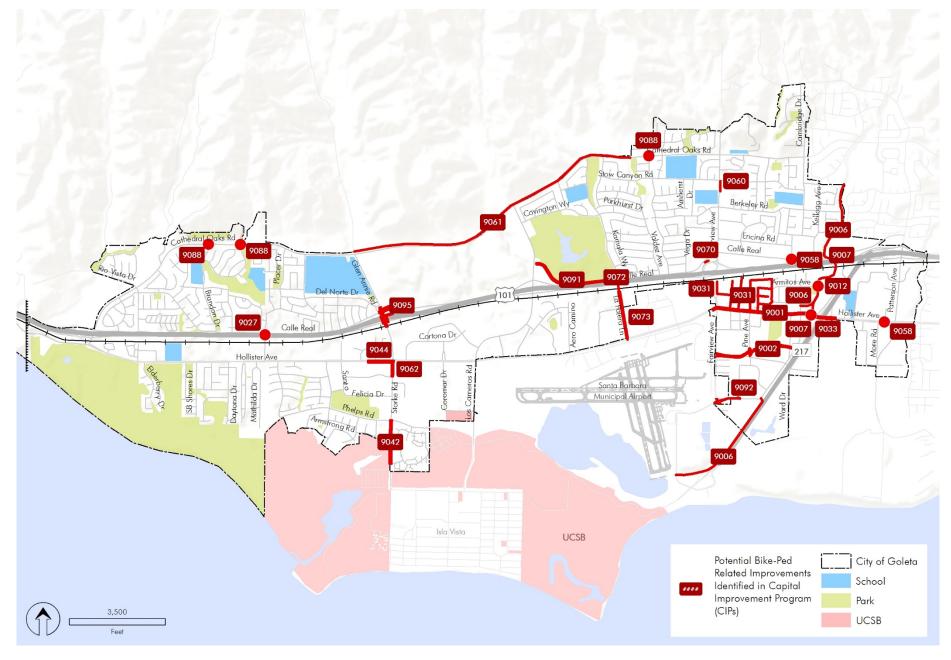


EXISTING BICYCLE INFRASTRUCTURE



PREVIOUSLY PROPOSED BICYCLE/PEDESTRIAN FACILITIES

(CIPS)

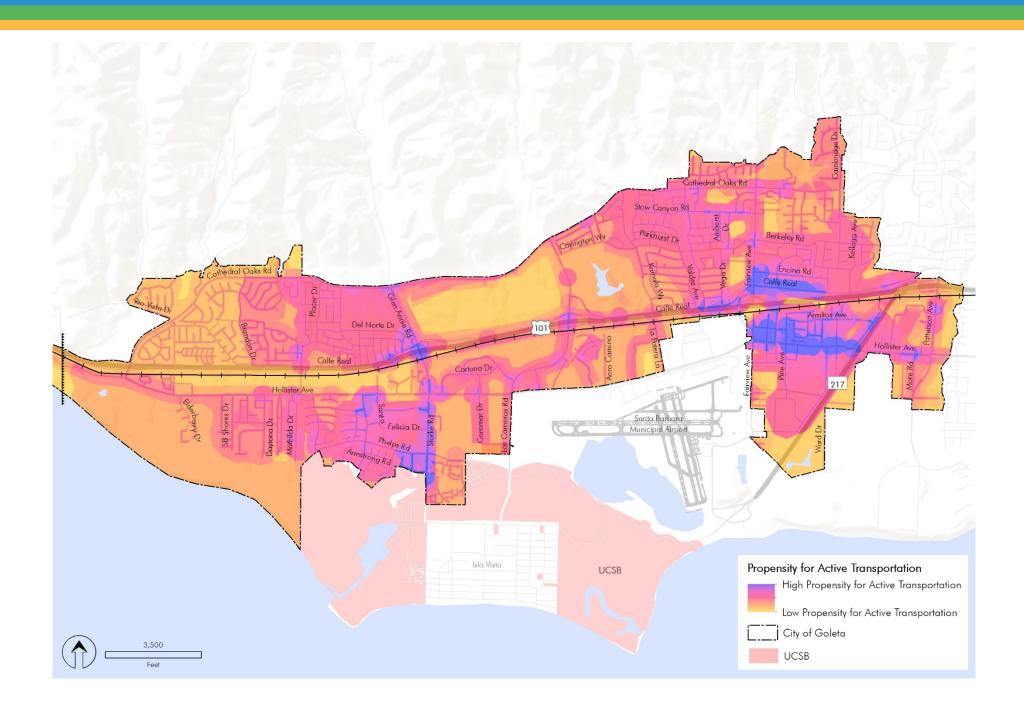


BACKGROUND SLIDES

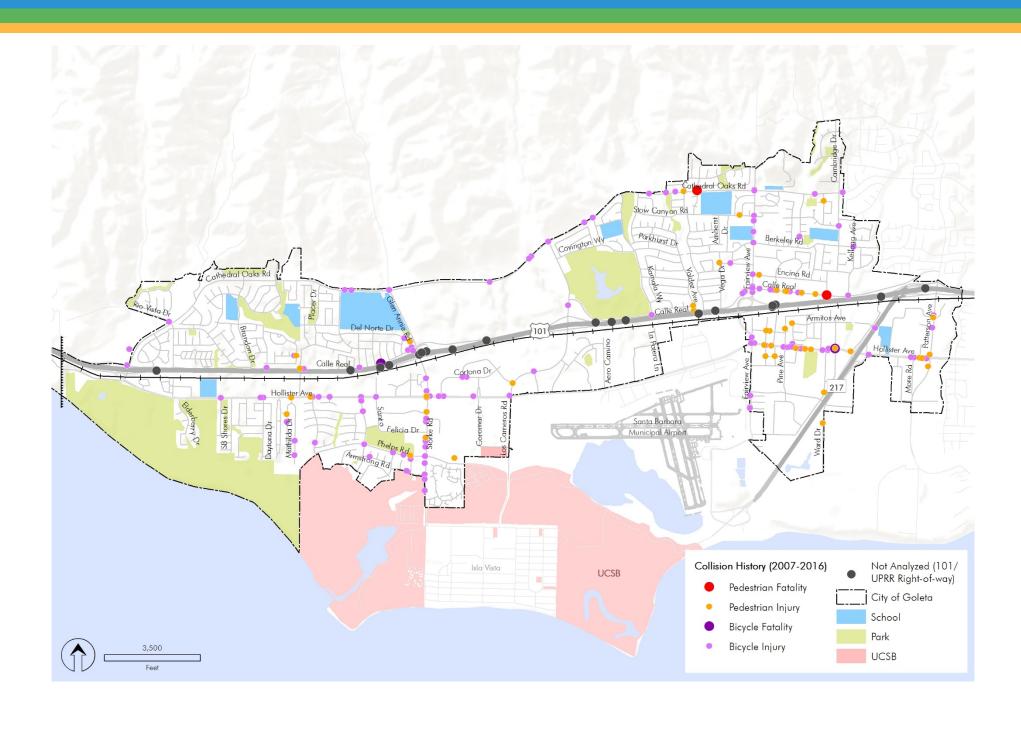
Analysis

- Bicycle and Pedestrian Propensity (GIS modeling/analysis)
- Bicycle and Pedestrian Collisions (SWITRS, TIMS, Sheriff)
- Gap Analysis (Barriers to bicyclist and pedestrian travel)
- **Demographic Trends** (Population, ethnicity, age trends: US Census)

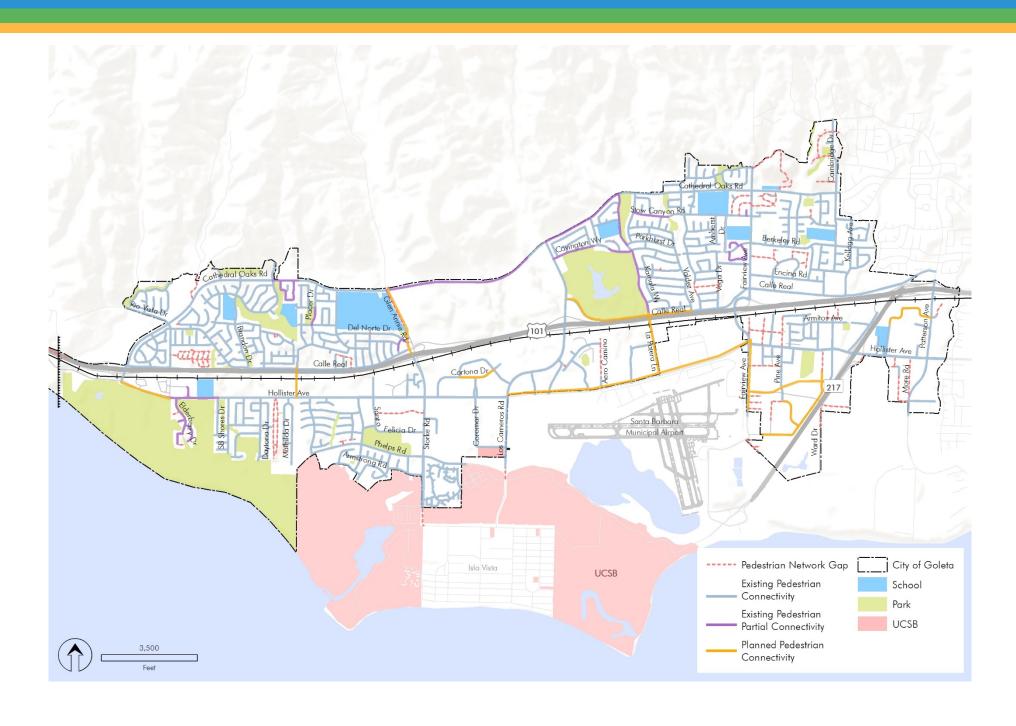
BICYCLIST AND PEDESTRIAN PROPENSITY



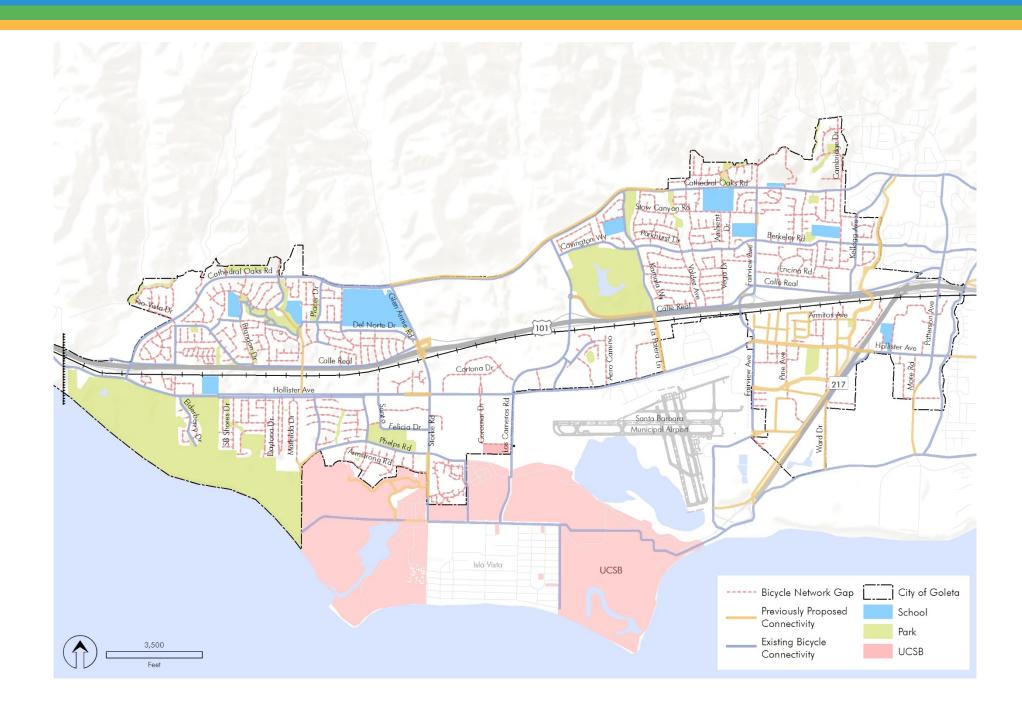
BICYCLE AND PEDESTRIAN COLLISIONS



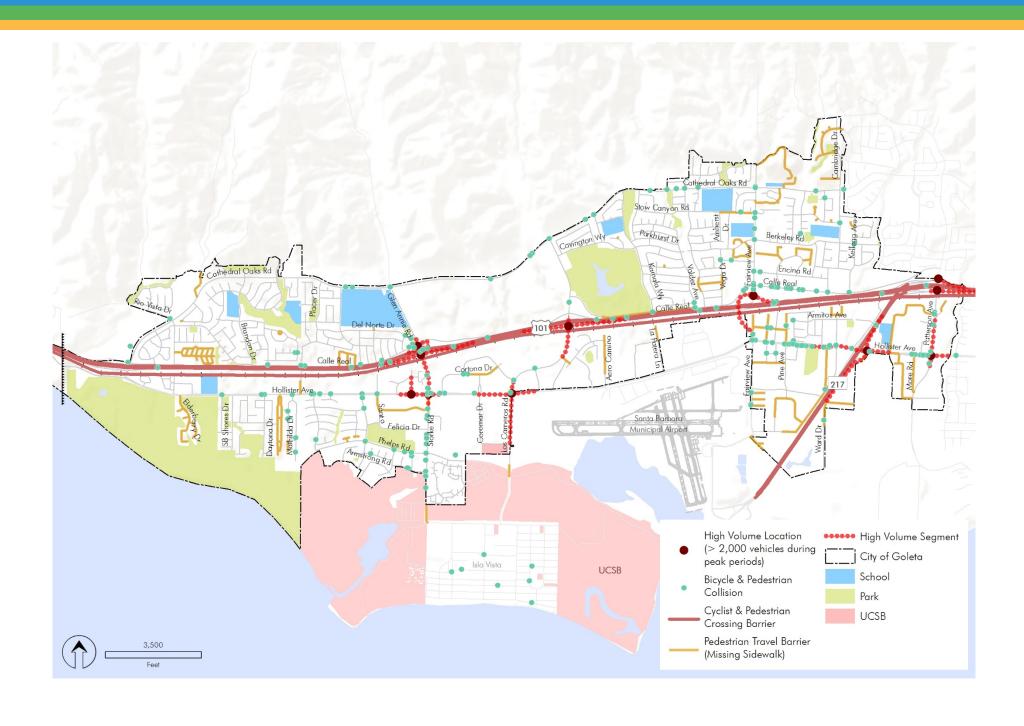
PEPDESTRIAN GAP ANAYLSIS



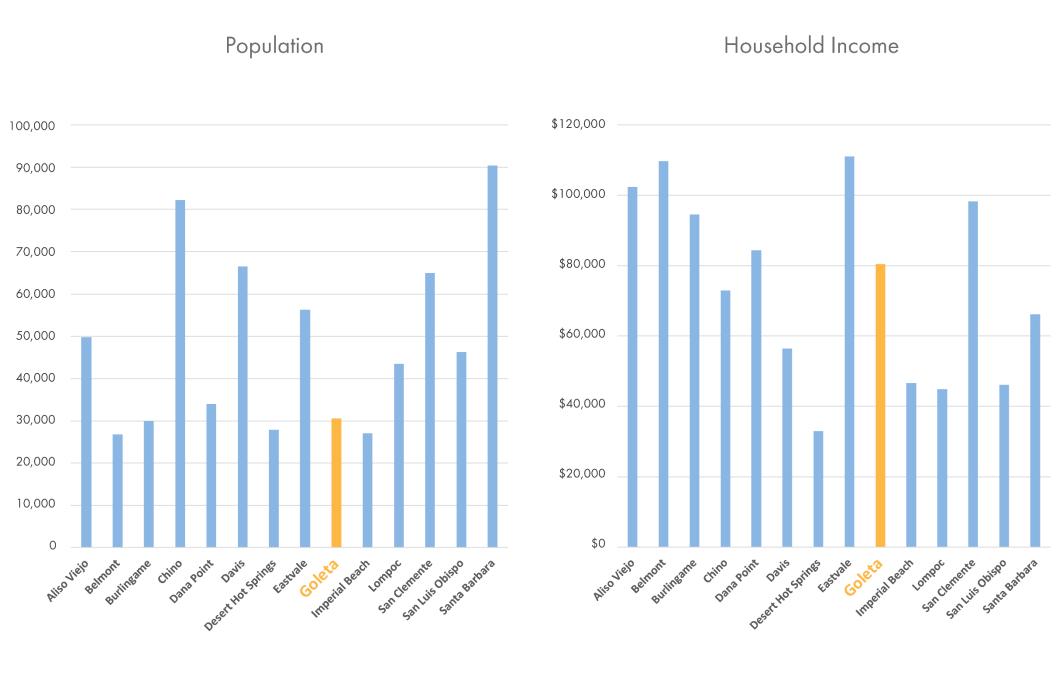
BICYCLE GAP ANAYLSIS



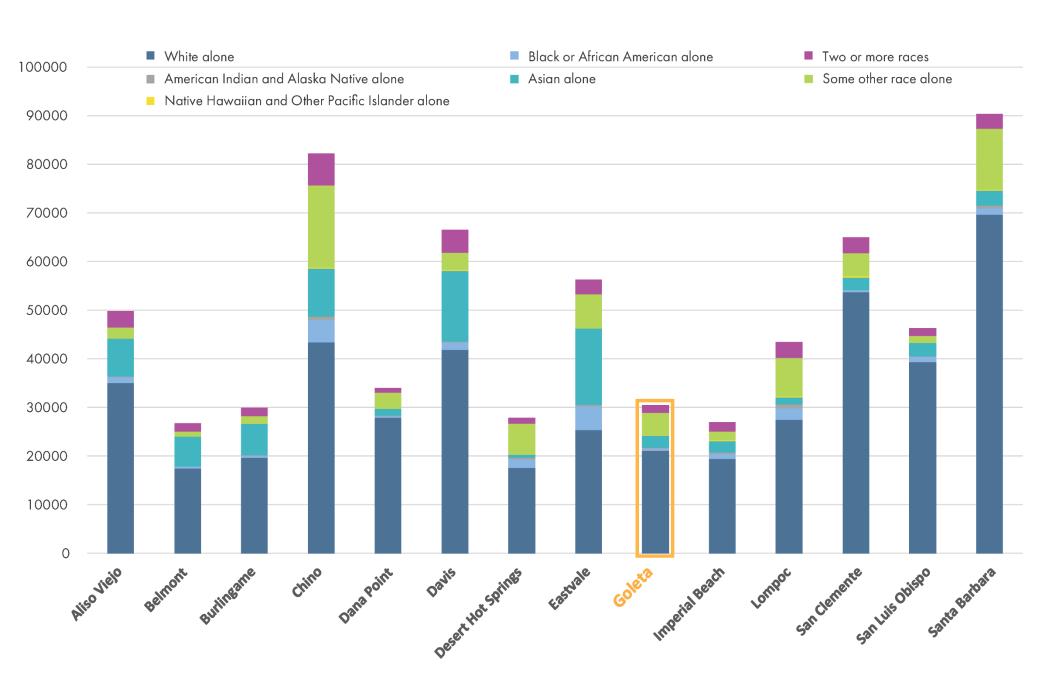
MOBILITY BARRIERS



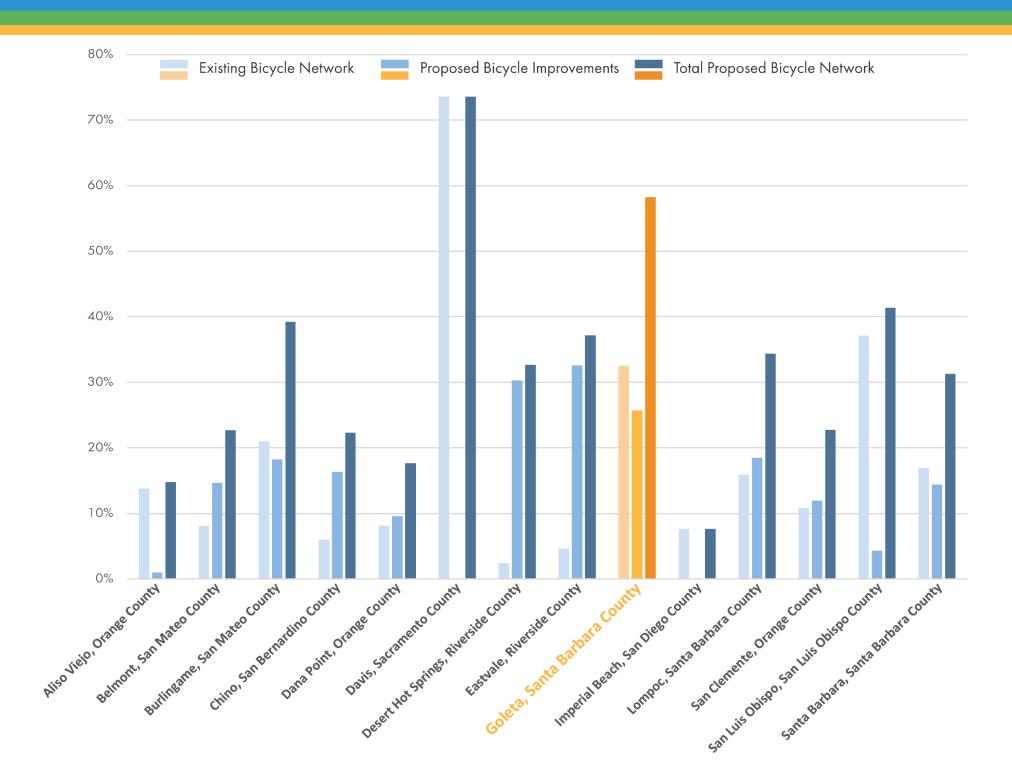
DEMOGRAPHIC TRENDS



ETHNICITY



BICYCLE NETWORK COVERAGE



Types of Bicycle Treatments



Class I: Multi-Use Path





Class II: Bicycle Lane





Class IIB: Buffered Bicycle Lane



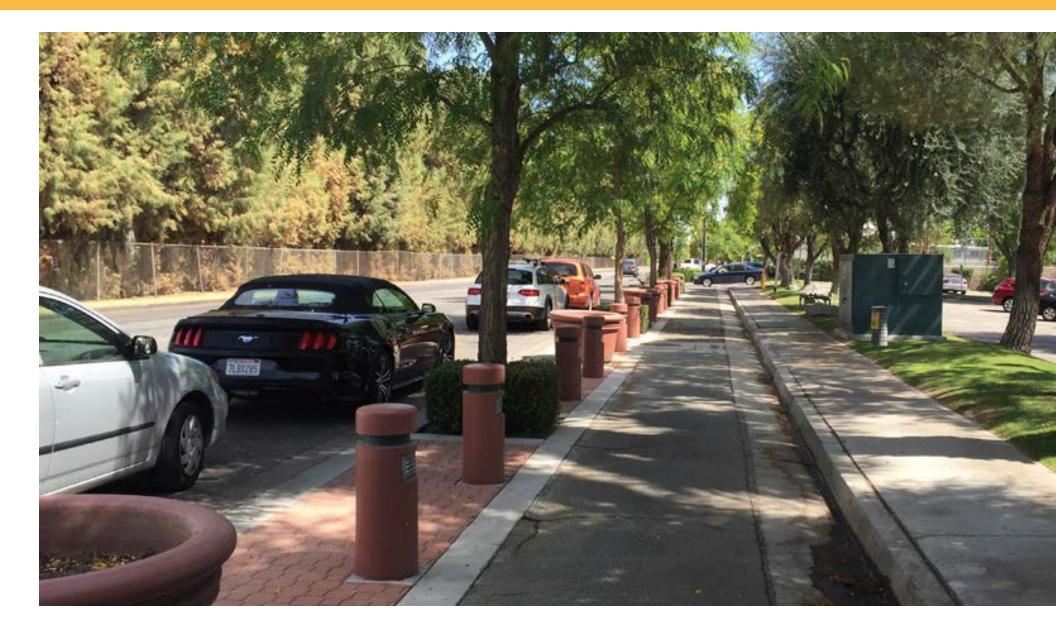


Class III: Bicycle Route





Class IV: Cycletrack



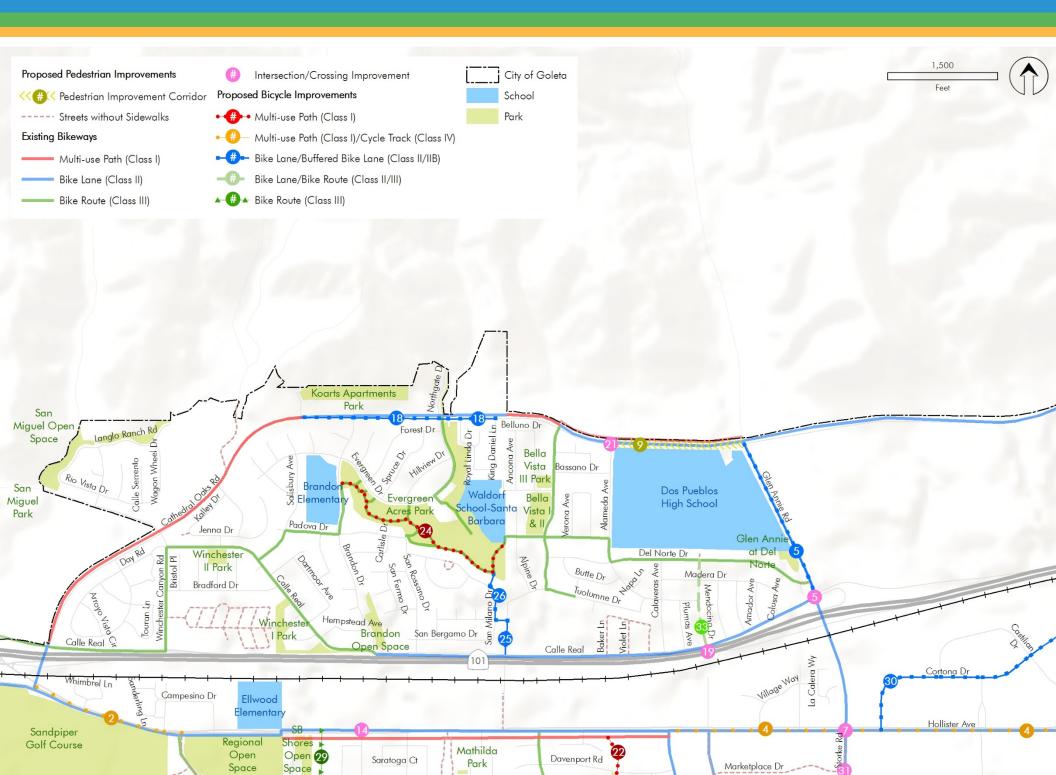


GP VISION STATEMENT REFERENCE

Goleta's Vision: The Good Land. This General Plan/Coastal Land Use Plan builds on Goleta's current distinguishing qualities and character by envisioning the future city as a community: Where all forms of transportation, including walking, bicycling, bus transit, and automobile, operate efficiently and safely.



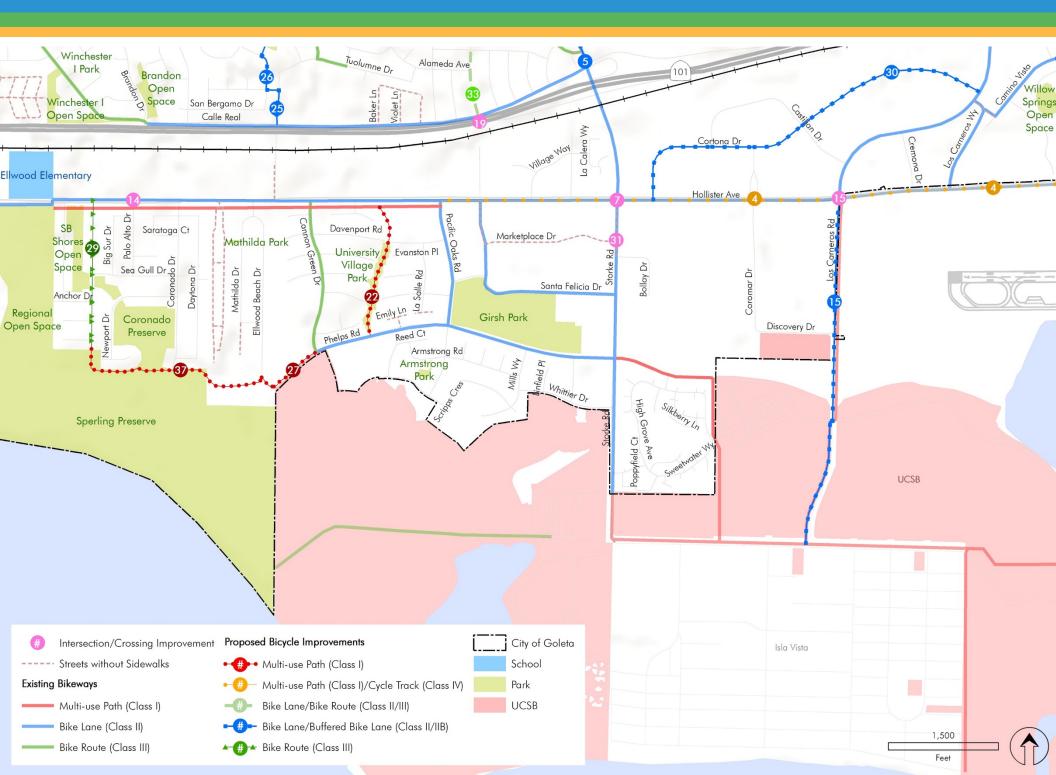
RECOMMENDATIONS: NORTHWEST



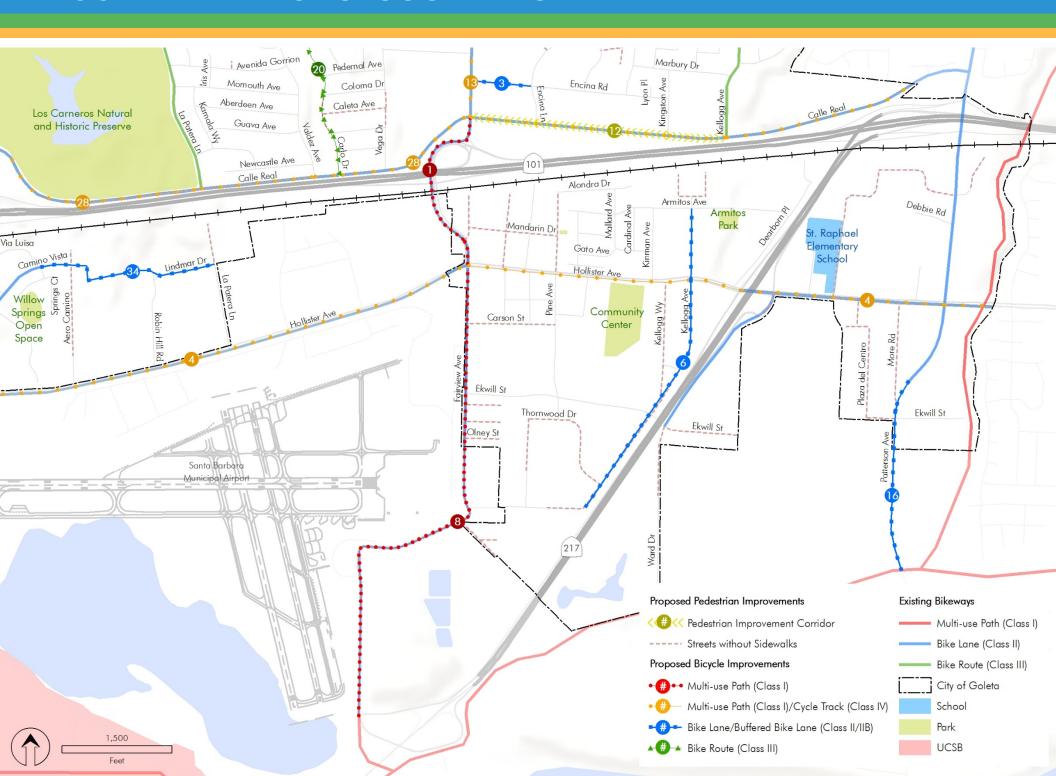
RECOMMENDATIONS: NORTHEAST



RECOMMENDATIONS: SOUTHWEST



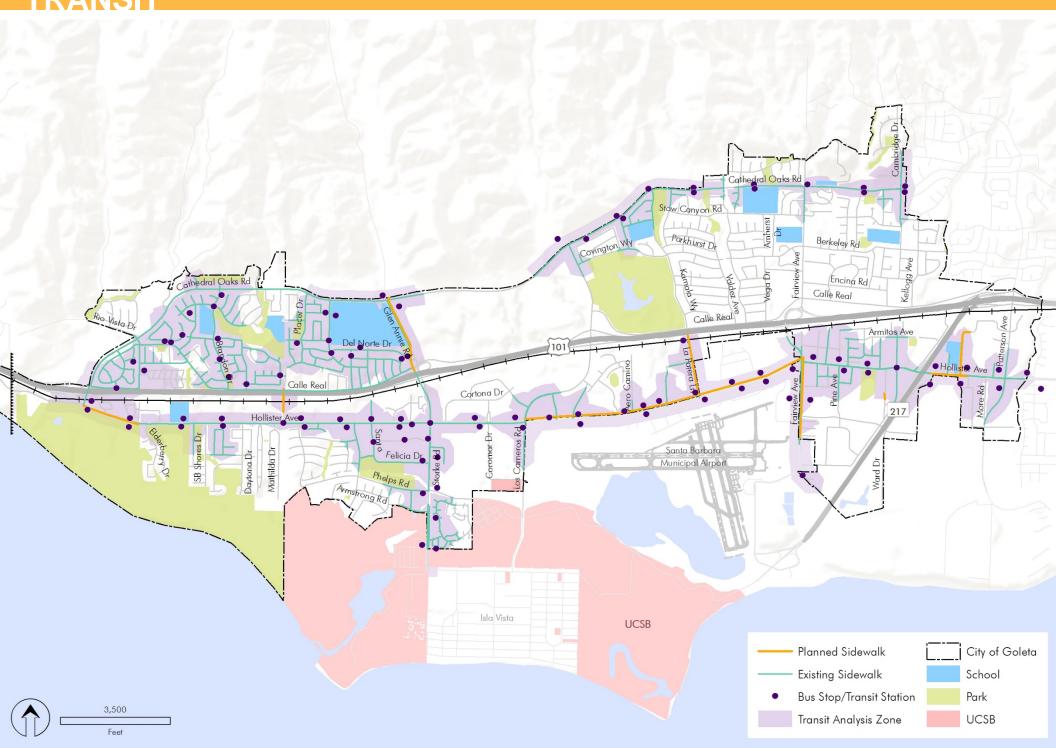
RECOMMENDATIONS: SOUTHEAST



Transit Access



RECOMMENDATIONS: PEDESTRIAN ACCESSIBILITY TO



RECOMMENDATIONS: BICYCLE ACCESSIBILITY TO TRANSIT

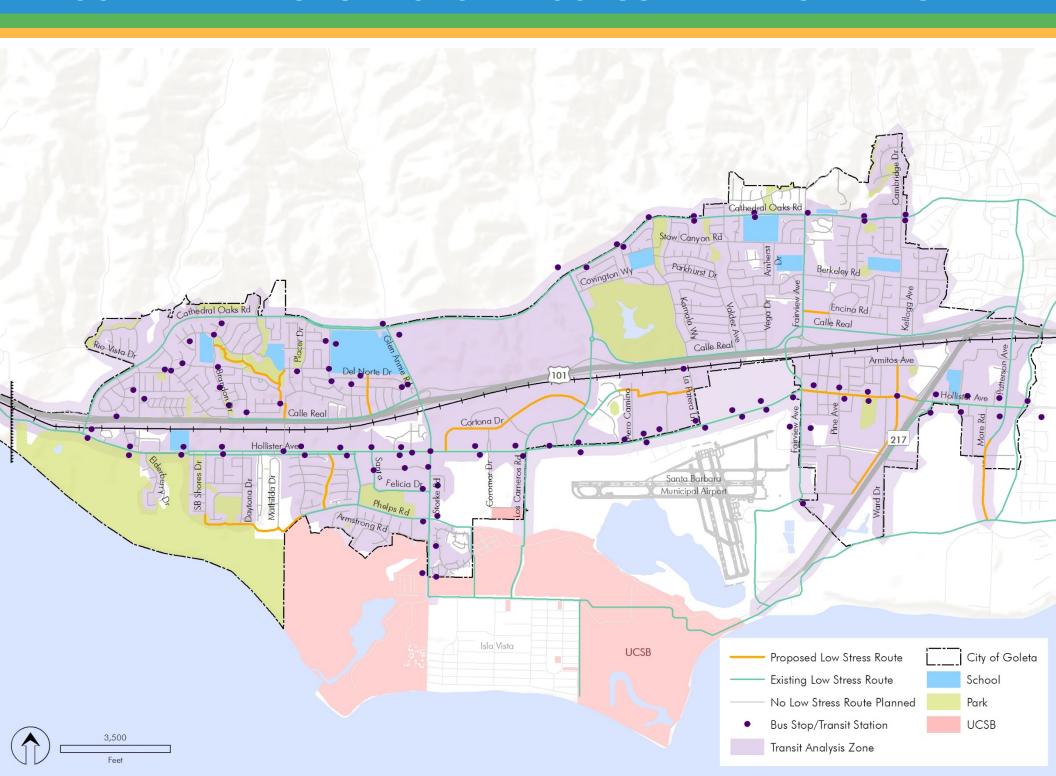


TABLE 4-1: POTENTIAL PROJECT LIST

Ranking	Туре	Segment	Betv	veen	Infrastructure Type	Notes			
1	Bike/ Ped	Fairview Ave	Calle Real	Hollister Ave	Class I	Unsafe for pedestrians and bicyclists. Needs lots of attention. Add Class I path to separate people from vehicle traffic. Conduct feasibility study to closely analyze corridor. Corridor requires complete street improvements			
2	Bike/ Ped	Hollister Ave	Cathedral Oaks Rd	Elderberry Dr	Class I or IV	Difficult to cross at Cathedral Oaks and Hollis Install continuous path. Upgrade bicycle lane multi-use path. Install curb ramps, high-visibi crosswalks. Long-term vision plan for Hollister A			
3	Bike/ Ped	Encina Rd	Fairview Ave	Moreton Bay Ln	Class II	Buffer bicycle lanes, narrow lanes, high-visibilit crosswalks, decrease curb radii on north side. Co responds with road resurfacing			
4	Bike	Hollister Ave	Pacific Oaks Rs	Eastern City Limit	Class I or IV	Coordinate with Complete Streets Project			
5	Bike/ Ped	Glenn Annie Rd	Cathedral Oaks Rd	US 101 Overpass	Buffered Class II	Lots of students ride/walk through here, unsafe conditions. Buffer bicycle lanes where possible, intersection crossing markings, bike boxes, modify signal timing, high-visibility crosswalks			
6	Bike	Kellogg Ave	Armitos Ave	Kellogg Way	Class II	General Plan TE			
7	Bike/ Ped	Storke Rd at Hollis- ter Ave			Crossing Improvements	Unsafe for pedestrians and bicyclists. Insufficient crossing time. High-visibility crosswalks, modify signal timing			
8	Bike	Fairview Ave	Hollister Ave	Sandspit Rd	Class I	Potential joint grant application/project between all three agencies and possibly UCSB			
9	Ped	Dos Pueblos High School	Cathedral Oaks Rd		RRFB or PHB	Install RRFB or PHB at road/driveway between Alameda Ave and Glen Annie Rd			
10	Bike	Cathedral Oaks Rd	San Pedro Creek	Eastern City Limit	Class I or IV	Class II lanes exist			
11	Ped	Berkeley Rd at Kel- logg Ave			Crossing Im- provements	High-visibility crosswalks			



Ranking	Туре	Segment	Betv	veen	Infrastructure Type	Notes		
12	Ped	Calle Real	Fairview Ave	Kellogg Ave	Crossing Improvements	Reduce curb radii, install curb extensions, high-vis- ibility crosswalks, modify signal timing. Corre- sponds with road resurfacing projects		
13	Bike	Fairview Ave	Cathedral Oaks Rd	Calle Real	Class I or IV	CIP 9060 to add sidewalk and Class II bicycle lanes through parts of this section		
14	Bike/ Ped	Hollister Ave at Palo Alto Dr	_	_	Mid-block Crossing	Install mid-block crossing with PHB and high-visi- bility crosswalk. May have reduced need with ne Class I path; Re-evaluate following Class I path Installation		
15	Bike/ Ped	Los Carneros Rd	Hollister Ave	City limit at south	Class II	Install bicycle lanes on southbound Los Carneros at Intersection, high-visibility crosswalks, bicycle crossing markings southbound to intersection, reduce curb radii, and modify signal timing. GTIP Improvements include bicycle lanes		
16	Bike	Patterson Ave	More Rd	City limit	Class II	Potential asphalt curb and re-striping - Coordinate with County		
17	Ped	Fairview Ave at Cathedral Oaks			Crossing Improvements	Pedestrian crossing improvements for students especially are wanted. Enhanced crosswalks, mod- ify signal timing for pedestrians, re-locate utility poles in sidewalk, trim hedges		
18	Bike	Cathedral Oaks Rd	Paseo Del Piñon	King Daniel Ln	Class II	Buffer bicycle lanes, or convert to Class I or IV		
19	Bike/ Ped	Mendocino Dr at US 101			Overcrossing	Bike/ped bridge overcrossing. Not a selected alternative in 101 Crossing Project analysis		
20	Bike	Carlo Dr	Cathedral Oaks Rd	Calle Real	Class III	Sharrows, add wayfinding signage. Potential for SBBike to add wayfinding signage as part of over- all South Coast Wayfinding Program		
21	Bike/ Ped	Cathedral Oaks at Alameda Ave			Crossing Im- provements	Safer crossing desired. Enhanced crosswalks, curb extensions		
22	Bike	Univ Village Park / Flood Control	Hollister Ave	Ellwood Mesa Open Space	Class I	Install Class I path to connect to other Class I paths and trails. Public Works Identified and public comments to connect Hollister Class I to Open Space and UCSB multipurpose trail system		



Ranking	Туре	Segment	Betv	veen	Infrastructure Type	Notes		
23	Bike/ Ped	Convington Way at San Pedro Creek			Bridge and Signage	Add 4-way stop signs on streets at both ends of bridge. Replace with wider bridge.		
24	Bike/ Ped	Evergreen Acres Park	Brandon Elementary School	Waldorf School	Class I	Install Class I path to connect schools and park. General Plan TE		
25	Bike	Ellwood Station Rd	San Blanco Dr	Calle Real	Class II	General Plan TE		
26	Bike	San Milano Dr	Evergreen Park Trailhead	San Blanco	Class II	General Plan TE		
27	Bike/ Ped	Sperling Preserve - Northeast Edge	Ellwood Beach Dr	Cannon Green Dr	Class I	Install Class I		
28	Bike	Calle Real	Los Carneros Rd	Eastern City Limit	Class I or IV	Existing Class II. City is restriping east of Fairview. Coordinate eastern end with County		
29	Bike	Santa Barbara Shores Dr	Hollister Ave	Trailhead to Ell- wood Beach	Class III	Better connection to Ellwood Beach. Install way- finding signage and sharrows. Potential for SBBike to add wayfinding signage as part of overall South Coast Wayfinding Program		
30	Bike	Cortona Rd	Hollister Ave	Los Carneros Rd	Class II	Bike connection through business park to Market- place and across to Goleta Amtrak Depot		
31	Ped	Marketplace Dr at Storke Rd			Crossing Im- provements	Enhance crosswalks, modify signal timing. Partial component of CIP 9062		
32	Bike	Barling Terrace	Stow Canyon Rd	Covington Way/ Berkeley Rd Bridge	Class III	Install bicycle route signage and wayfinding to make clear this is a bicycle route for students. Private street within HOA		
33	Bike	Mendocino Dr	Dos Pueblos HS	Calle Real	Class II or III	Install Class II or III, Install bicycle signal at Calle Real. Already residential area. Evaluate most used routes to schools for students		
34	Bike	Lindmar Rd	Robin Hill Rd	La Patera	Class II	Bike connection to Amtrak station. Connection goes through private property (Raytheon)		



Ranking	Туре	Segment	Betv	veen	Infrastructure Type	Notes
35	Bike/ Ped	Los Carneros Rd at Calle Real		_	Markings and Signage	Add signage to let bicyclists know they can ride on sidewalk. Install yield sharks teeth, signage that lets bicyclists know they can ride on sidewalk around the traffic calming circle, green-backed sharrows through roundabout
36	Bike	Convington Way/ Berkeley Rd	Los Carneros Rd	Eastern City Limit	Class IIIB - Bike Boulevard	Add signage to brand as a bicycle boulevard. Potential for SBBike to add wayfinding signage as part of overall South Coast Wayfinding Program
37	Bike	Hollister Avenue	Storke Road	Los Carneros	Buffered Class II	Install buffered Class II bicycle lanes



Funding



FUNDING

FINDING, FRAMING AN	FUNDING USES								
		Typical Approaches				Atypical Approaches			
FUNDING SOURCE	FUNDING ORIGIN	OP Development	Maintenance and Operations	Implementation	Q.P.	Urban Forestry	Back to Nature	Low Impact Overlapment	Calternal Halory
Federal Funding Sources									
Land and Water Conservation Fund (LCWF)	U.S. National Park Service/ California Department of Parks and Recreation	•					•	•	
Urban Community Forestry Program	U.S. National Park Service	•				•			
Surface Transportation Program (STP)	Foderal Highway Administration (FHWA)/	•		•	•			•	
Highway Safety Improvement Program (HSIP)	Caltrans	•		•	•			•	
Transportation Alternative Program (TAP)	Federal Highway Administration (FHWA)	•		•	•			•	
Recreational Trails Program	Federal Highway Administration (FHWA)/ Regional agency may also contribute	•		•	•		•	•	
EPA Brownfields Clean Up and Assessments	U.S. Environmental Protection Agency	•		•	•			•	
Sustainable Communities Planning Grant and Incentive Program					٠				
Urban Revitalization and Livable Communities Act	U.S. Dept. of Housing and Urban Development (HUD)			•	•				
Community Development Block Grants		•			•		•		•
ACHEVE, Communities Putting Prevention to Work, Planeering Communities	Center for Disease Control and Prevention				•		•		