

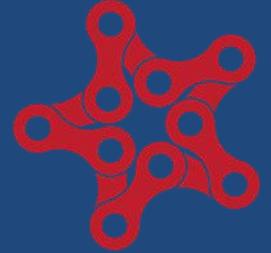


Public Workshop 2

March 24, 2016



CITY OF EL PASO
BIKE PLAN



VISION GOALS AND OBJECTIVES:



Vision Statement

El Paso will be one of the most bicycle friendly cities in the country by implementing and evaluating its goals, promoting bicycling as a viable, safe, everyday activity and transportation choice, leading El Paso to become the least car-dependent city in the Southwest.





Goals & Objectives – Goal 1

Goal 1: The City of El Paso will be a Silver Level bicycle-friendly community.

Objectives:

1. Develop a strategy to acquire designation as a Bicycle-Friendly Community by the League of American Bicyclists.
2. Foster a greater sense of community and neighborhood by improving the visibility of Pedestrians and Bicyclists.

Goals & Objectives – Goal 2



Goal 2: El Paso's land use and planning policies and practices will contribute to and enhance the city's bicycle friendliness.

Objectives:

1. Integrate the bicycling and transit networks and improve El Paso residents' ability to link bicycling and transit trips Update regional Google "trip planner" to include a multimodal search with links to bike and bus express routes for time competitive travel.
2. Increase the number and quality of places to ride in the City and its environs
3. Create complete, standardized networks of multimodal streets with ample shaded sidewalks, bicycle facilities, and (frequent on-street parking). That on-street parking be clearly defined from the bicycle lane to include door zones.
4. Encourage development along existing or planned bicycle networks where additional segments and secure bicycle storage can be added to the network.
5. Transform existing streets, both large and small, using traffic calming that is built into the design of the street, in order to restore balance to their design so that pedestrians and bicyclists feel safe and comfortable.

Goals & Objectives – Goal 2 (Cont.)

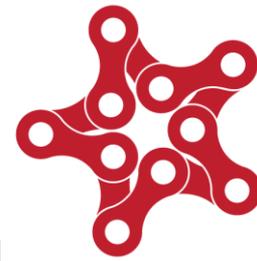


Goal 2: El Paso's land use and planning policies and practices will contribute to and enhance the city's bicycle friendliness.

Objectives:

6. The City of El Paso will improve its thoroughfares and wide arterial roads over time as opportunities are found to increase transit service and improve connectivity, walkability, bike-ability, and economic benefits to surrounding areas
7. Update bicycle parking requirements to include short- and long-term parking facilities and standards through a city-wide bicycle parking plan
8. Provide an adequate amount of secure properly positioned bicycle parking at key trip attractors and generators throughout the community
9. Update bicycle parking requirements with refined bicycle parking ratios and graphic standards that depict bicycle parking type, placement, and location standards
 - Require major commercial and residential developments to provide suitable areas for bus stops with bicycle storage
 - Encourage employers to remove subsidies for parking and provide financial incentives to cycling, transit, and walking as a commuting alternative
 - Encourage the inclusion of showers, lockers, and changing areas at places of employment

Goals & Objectives – Goal 3



Goal 3: Work closely and coordinate planning, design, implementation, and maintenance of bicycle improvements with all City departments, El Paso County, MPO, TxDOT, Fort Bliss, Dona Ana County, Ciudad Juarez, and other adjacent communities and regional partners in order to enhance the regional comprehensive transportation system and make the bicycle network as cohesive and seamless as possible.

Objectives:

1. Utilize the principles described in Plan El Paso to plan, design, and implement bicycle infrastructure in conjunction with other City plans and projects.
2. Include bicycle facilities in the City's capital projects, and coordinate with El Paso County, other municipalities, and the MPO to ensure bicycle infrastructure is included in their capital improvement plans.
3. Create cross-border multimodal transportation choices.
4. Work with Parks and Recreation Department, and TxDOT (where appropriate), to increase pedestrian and bicyclist connectivity across natural and man-made barriers such as freeways, ravines, river beds, canyons, and arroyos. Additionally, work with Water District, Gas Utilities, State Parks and Wildlife, Franklin Mountain, Hueco Tanks, U.S. Boundary and Water Commission, Texas Commission (where appropriate).
5. Provide shorter and more convenient routes for non-motorized traffic across barriers.
6. Ensure that there is seamless coordination between all City departments that could possibly be involved in improving or affecting the bicycle network.

Goals & Objectives – Goal 4



Goal 4: El Paso will have a complete network of bicycle-friendly infrastructure suitable for all abilities, ages, and user types (families, children, elderly, women, minorities) throughout the City.

Objectives:

- Implement standards for the design, planning, construction, and maintenance of infrastructure.
- Implement safe and accessible facilities that are comfortable for all users, especially on major roads where the amount and the speed of traffic would normally deter most people from riding a bike.
- Connect the bike share system to existing and proposed bicycling and walking facilities.
- Provide streetlights that improve safety for drivers, bicyclists, and pedestrians while complying with the dark sky ordinance and reducing light pollution.
- Provide safe and convenient crossings at intersections and mid-block, where needed.
- Implement a regular bicycle network maintenance program, with priority given to bicycle lanes and primary bicycle routes, in order to encourage people to choose bicycling year round.

Goals & Objectives – Goal 5



Goal 5: El Paso will support programs that educate, increase awareness and safety, promote a healthy and sustainable community, evaluate bicycling impacts, improve tourism opportunities, and foster positive attitudes about bicycling.

Objectives:

- Raise awareness that riding a bicycle is a viable and easy-to-use form of transportation and recreation, helping to eliminate the perception that experienced (fast and fearless) cyclists are the only people who ride bicycles.
- Improve bicyclist and motorist safety by improving infrastructure and educating users about safe bicycle riding and driving skills
- Promote innovative recreational, educational, and cultural programs centered around bicycling
 - Continue to support, fund, and expand Scenic Sundays.
 - The City will continue support of outdoor community health events and work to increase the number, range of kinds, and attendance levels.
 - Close low-traffic roads, especially in downtown, on selected weekend days to provide opportunities for bicyclists and those interested in bicycling to do so in a safe environment.

Goals & Objectives – Goal 5 (Cont.)



Goal 5: El Paso will support programs that educate, increase awareness and safety, promote a healthy and sustainable community, evaluate bicycling impacts, improve tourism opportunities, and foster positive attitudes about bicycling.

Objectives:

- Reduce collisions involving pedestrians, bicyclists, and motor vehicles and aspire to reach zero pedestrian and bicyclist deaths
- Implement way finding signing improvements along all current and proposed bikeways in order to enhance the visibility, predictability, utility, and safety of the bicycle network
- Increase awareness of bicycle options and safety through trainings, police, public events, public service announcements, educational materials (bicyclists, pedestrians, children, and those who are physically impaired), and partnerships

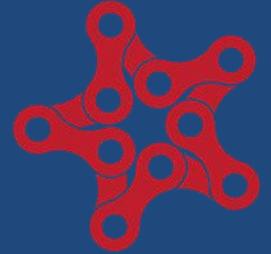
Goals & Objectives – Goal 6



Goal 6: The City of El Paso will encourage and promote bicycling at every department of civic government and encourage the regional government to do the same.

Objectives:

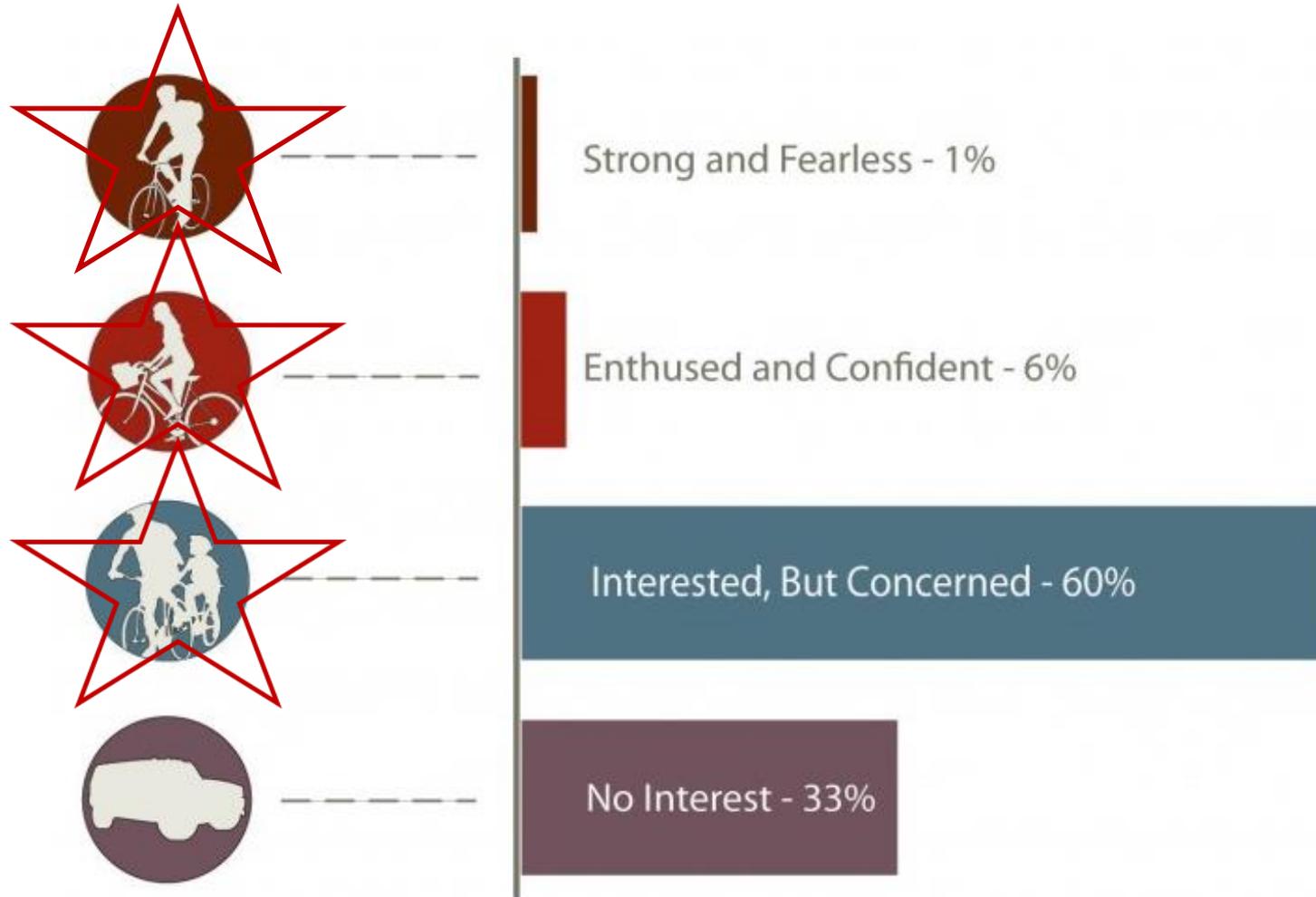
- Maintain bicycles in the city fleet as another means of transportation for staff.
- Encourage bicycling to and from work for government employees by providing incentives, changing areas, showers, and secure parking areas.
- The City will explore the use of alternative funding sources to continue to support transportation options throughout the City.
- Create, fund, and support a bicycle and pedestrian coordinator as the steward of the bicycle master plan and future implementation.
- Train select City staff, partners, community stakeholders, and contractors to understand or participate in bikeway design according to standards adopted by the City.
- The City will develop funding strategies to take advantage of federal, state, and local funds that will make implementation and maintenance of the recommendations and the goals set forth in this plan.



DESIGN USER:



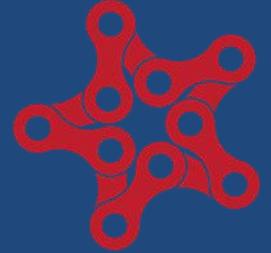
Four Types of Bicyclists





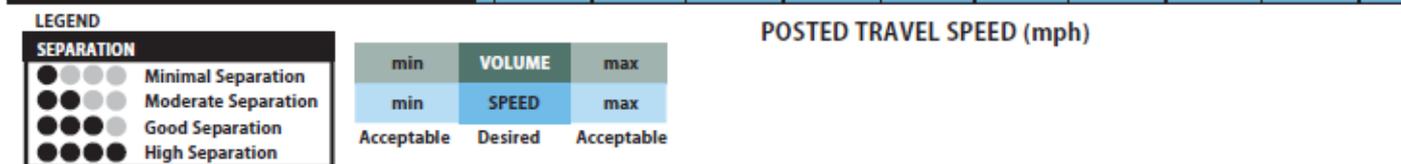
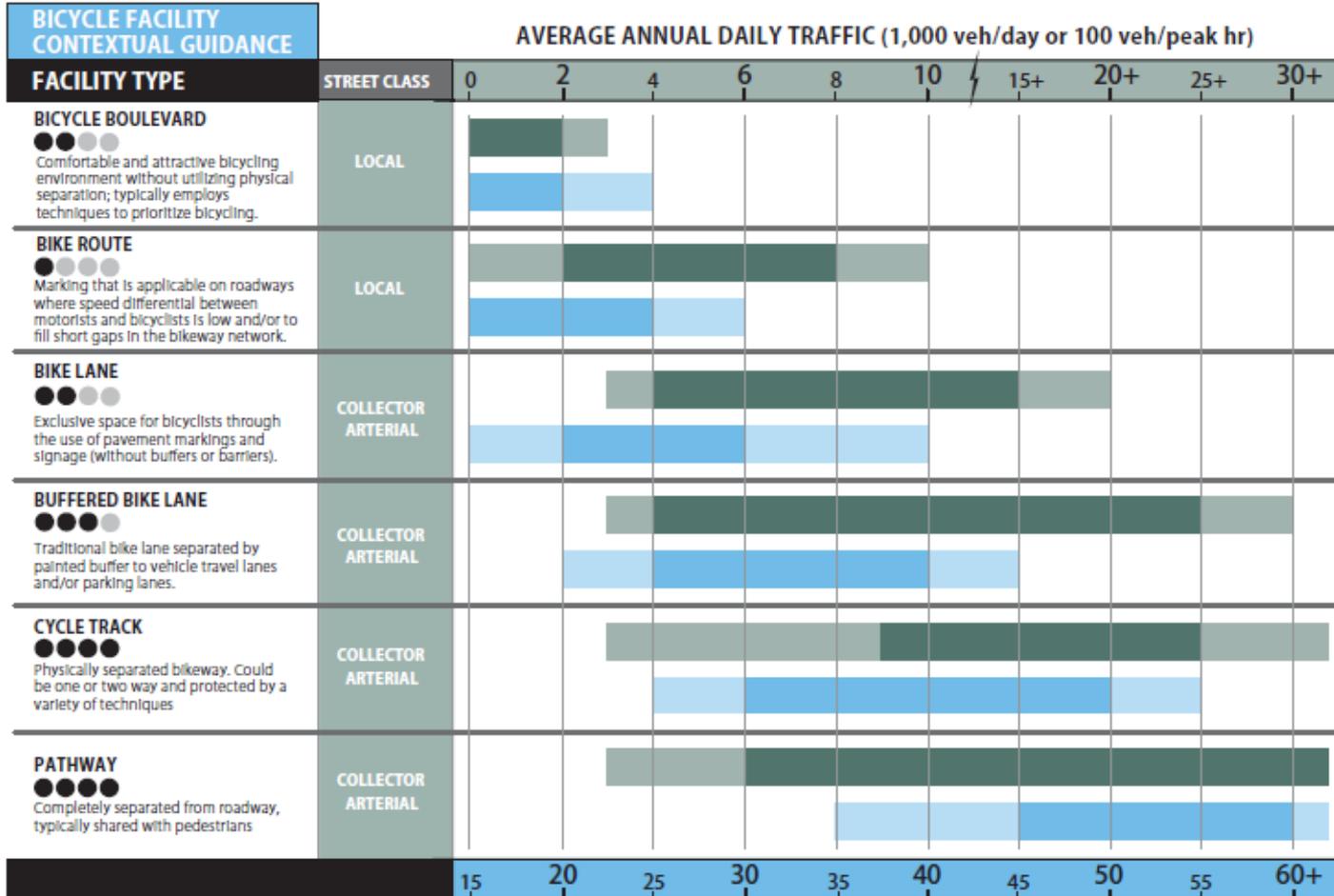






FACILITY SELECTION AND BIKEWAY TYPES:

Bicycle Facility Selection



Sample Treatments



Collector Roads

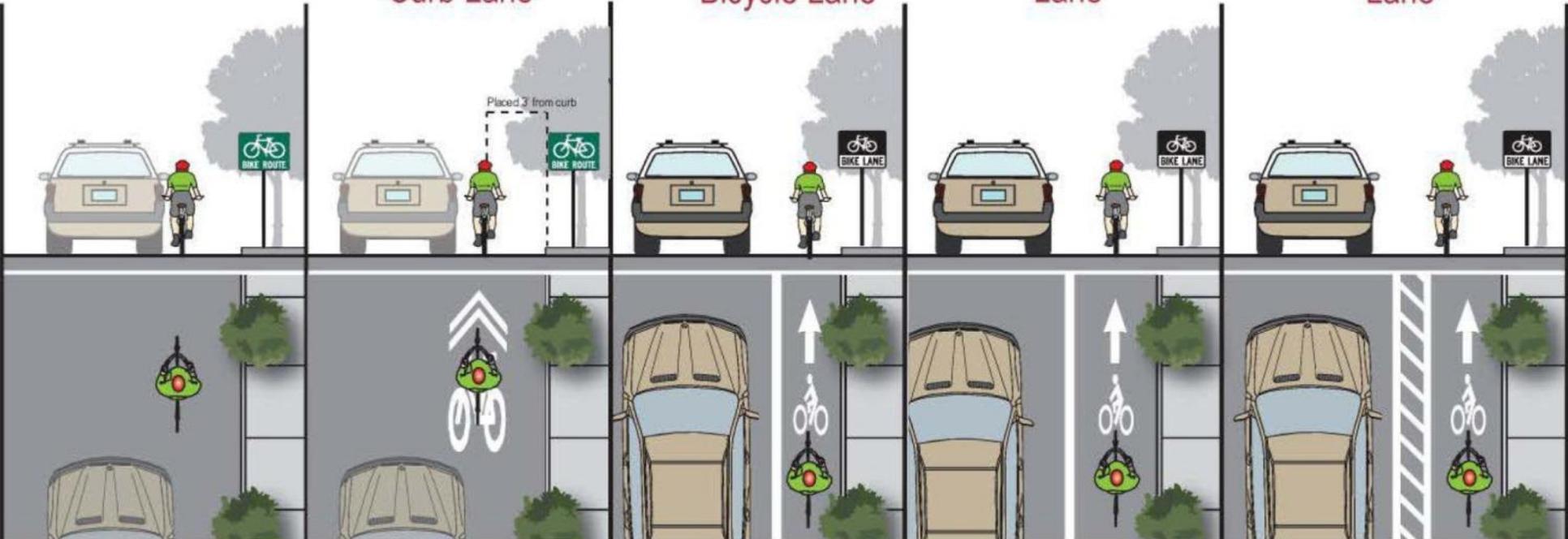
Shared Lane

Marked Wide
Curb Lane

Conventional
Bicycle Lane

Wide Bicycle
Lane

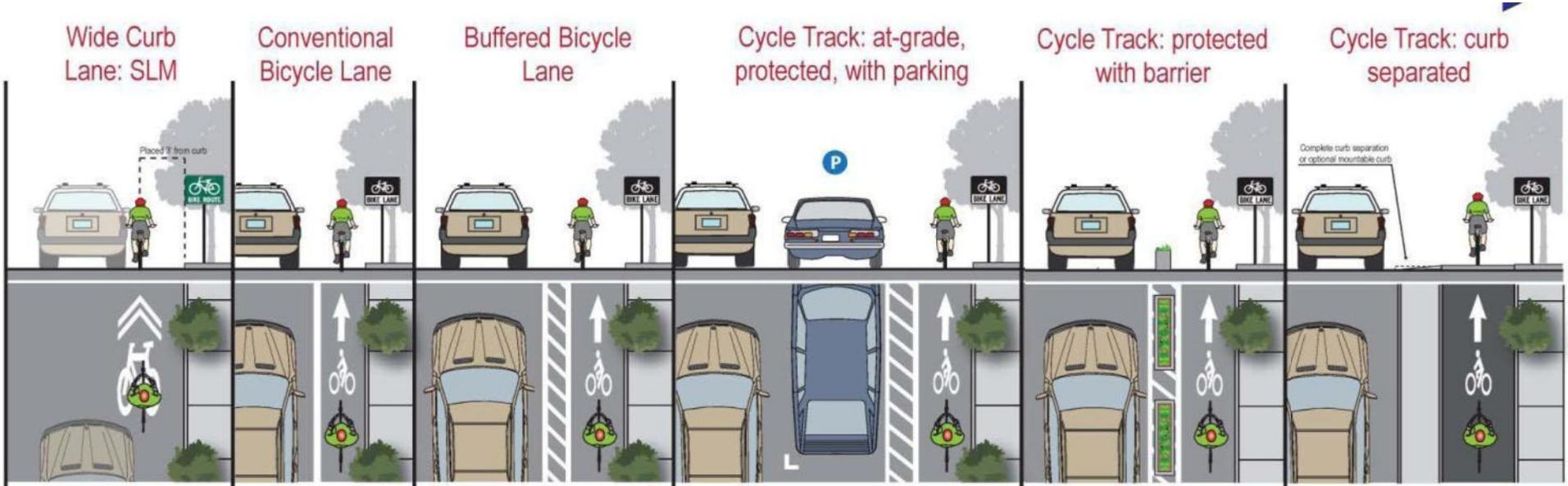
Buffered Bicycle
Lane



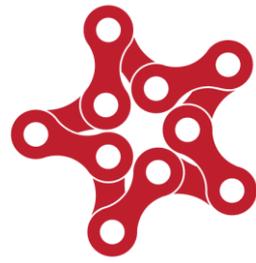


Sample Treatments

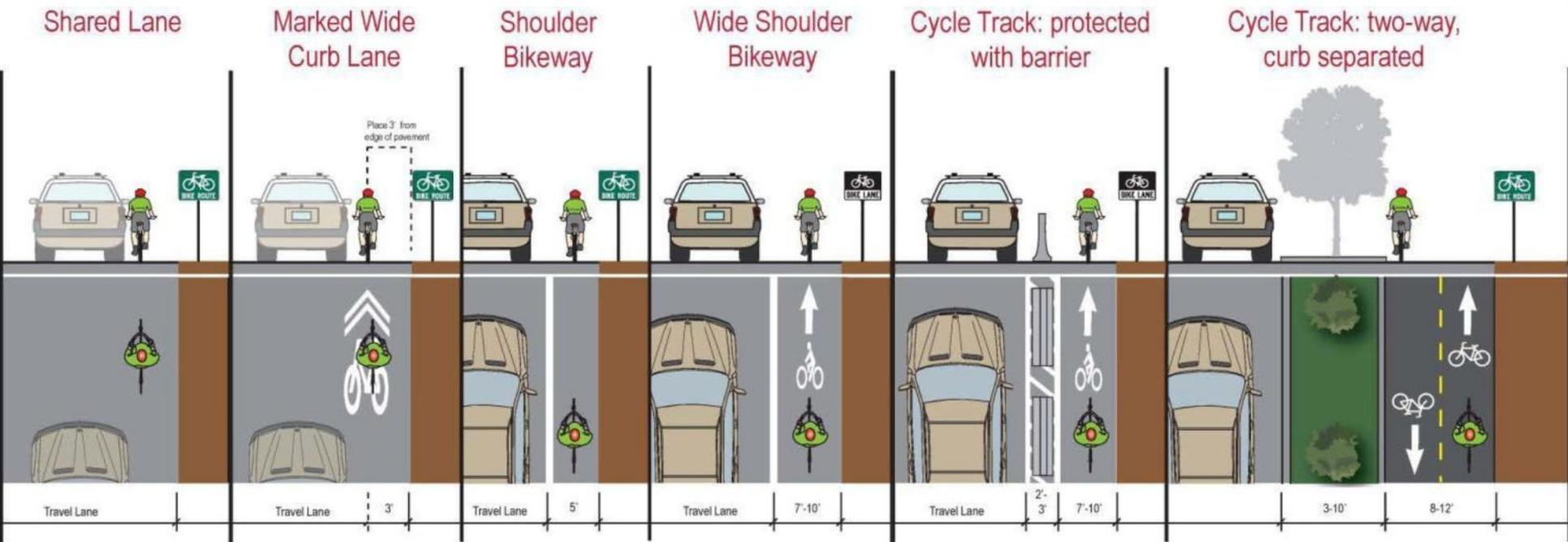
Arterial Road with Curb and Gutter



Sample Treatments



Arterial Road *without* curb and Gutter

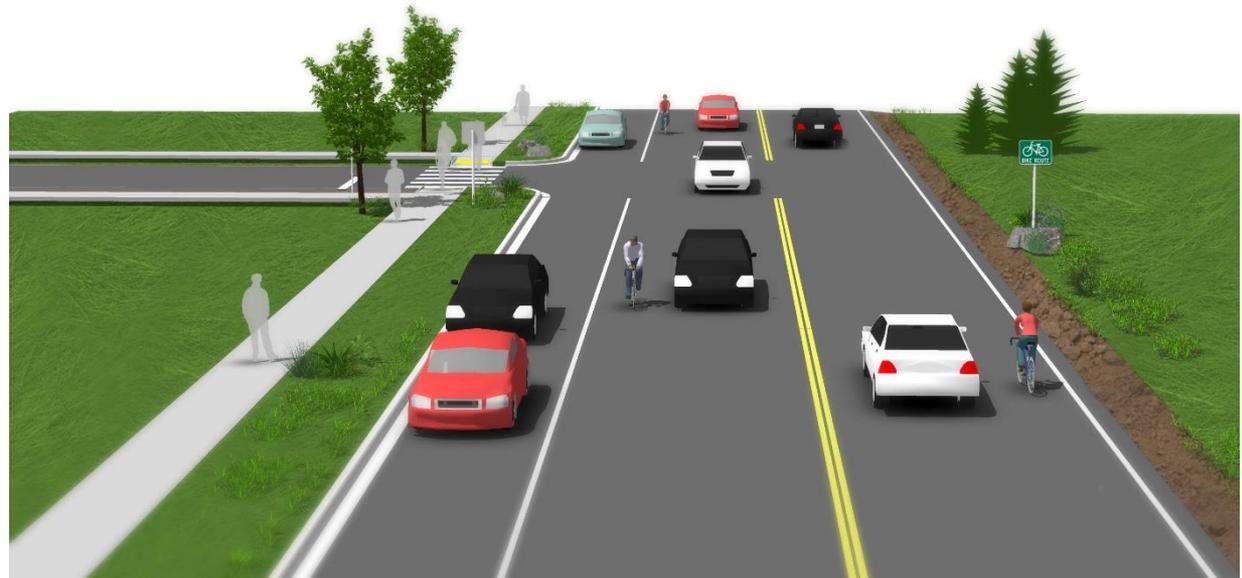
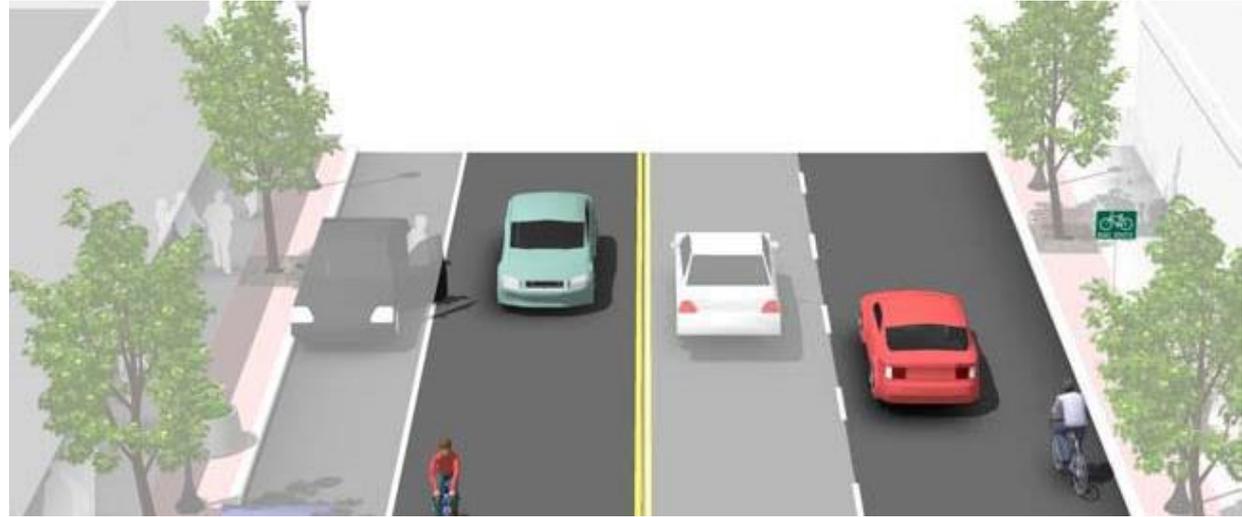


Facility Types Included in the Draft El Paso Bike Plan Network

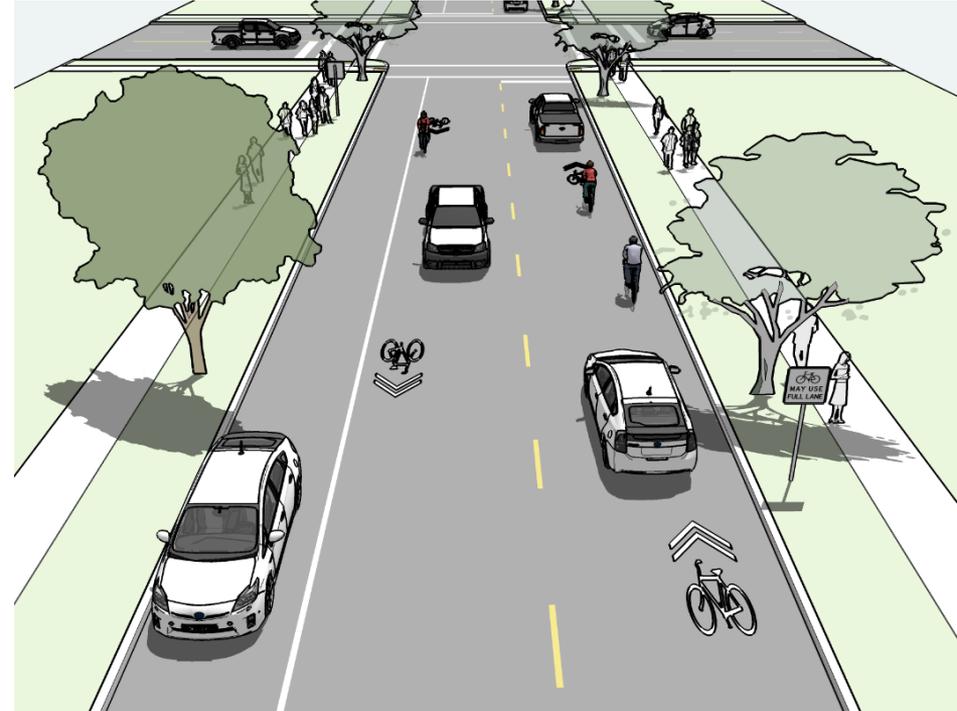


- Signed Shared Roadway
- Marked Shared Roadway (Shared Lane Markings)
- Bicycle Boulevard
- Shoulder Bikeway
- Conventional Bike Lane
- Buffered Bike Lane
- Protected Bike Lane / Cycle Track
- Two-Way Cycle Track
- Off-Street Shared Use Path / Sidepath
- Further Study Needed

Signed Shared Roadway



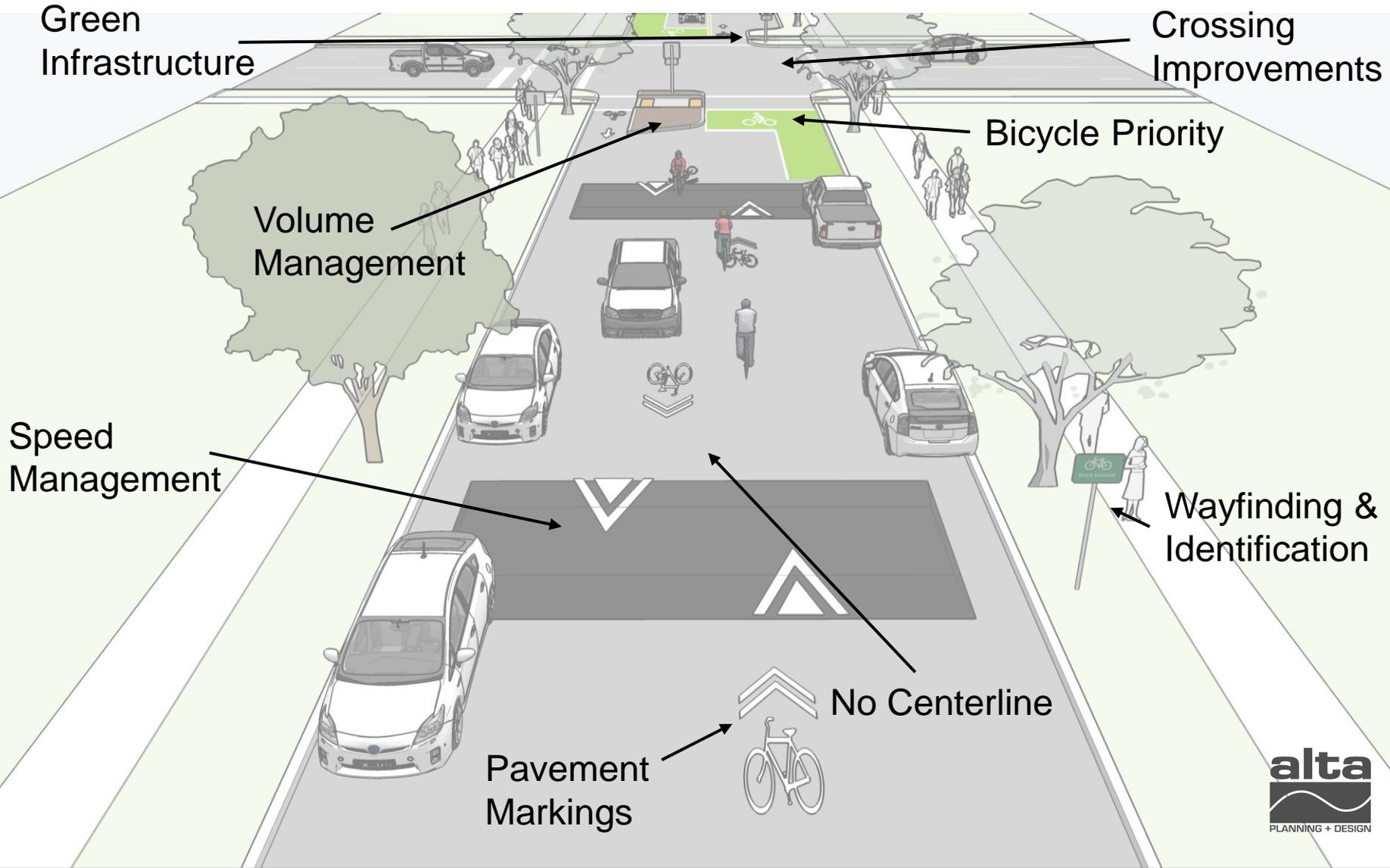
Marked Shared Roadway



Bicycle Boulevard



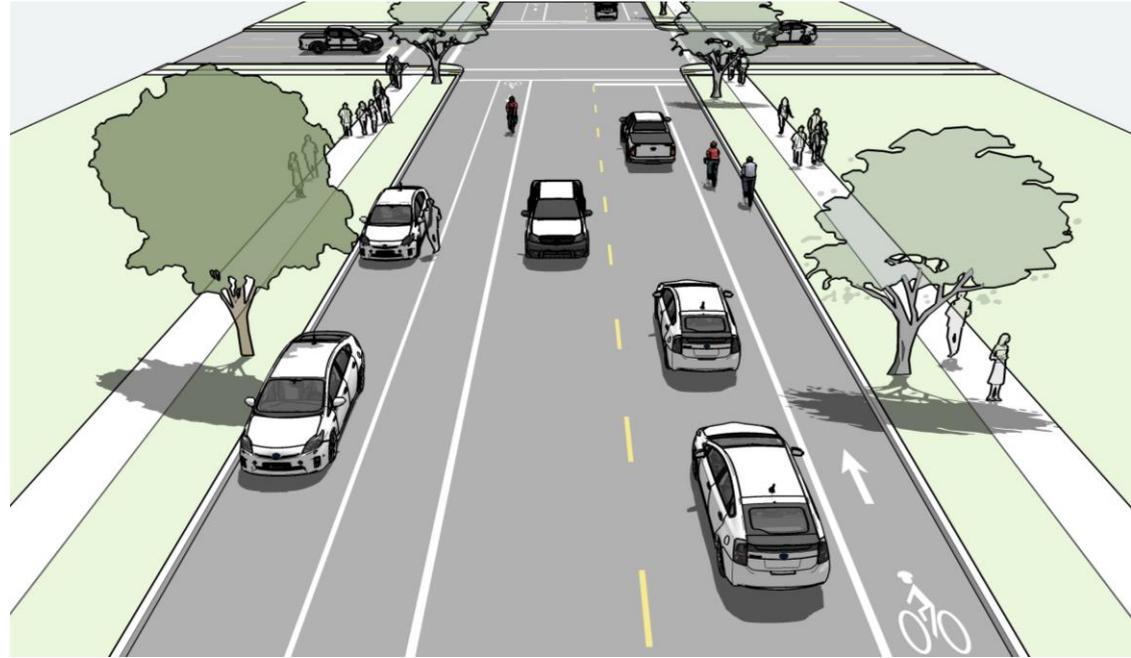
Bicycle Boulevard



Shoulder Bikeway



Conventional Bike Lane



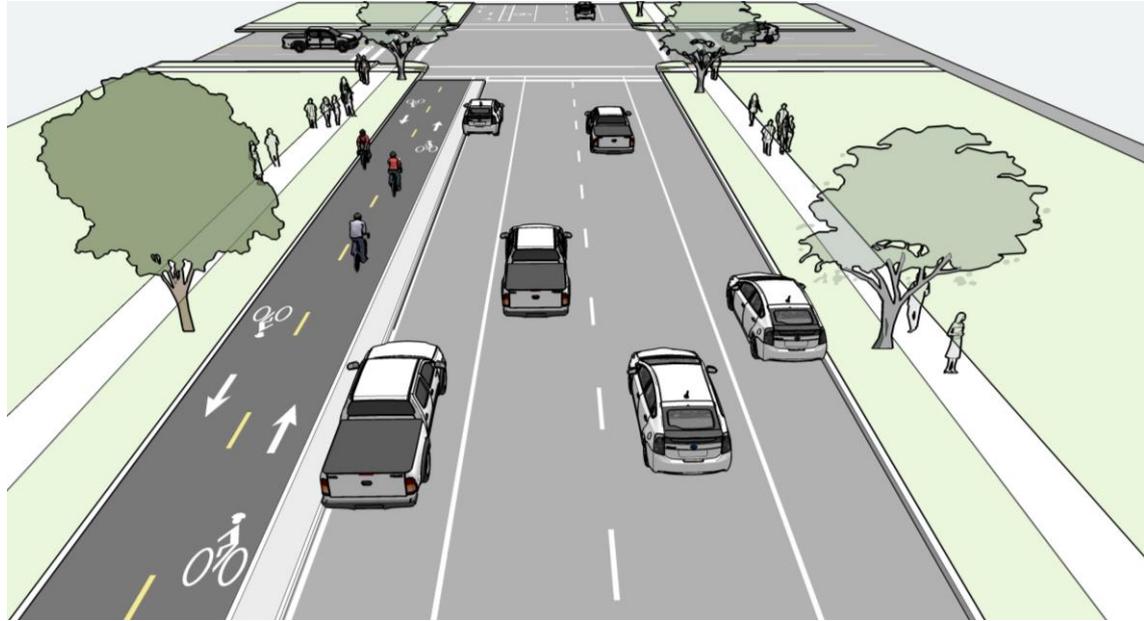
Buffered Bike Lane



Protected Bike Lane / Cycle Track



Two-Way Cycle Track



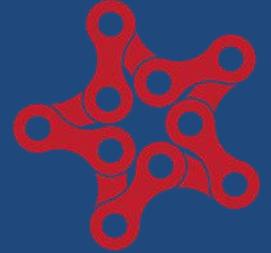
Off-Street Shared Use Path



Further Study Needed

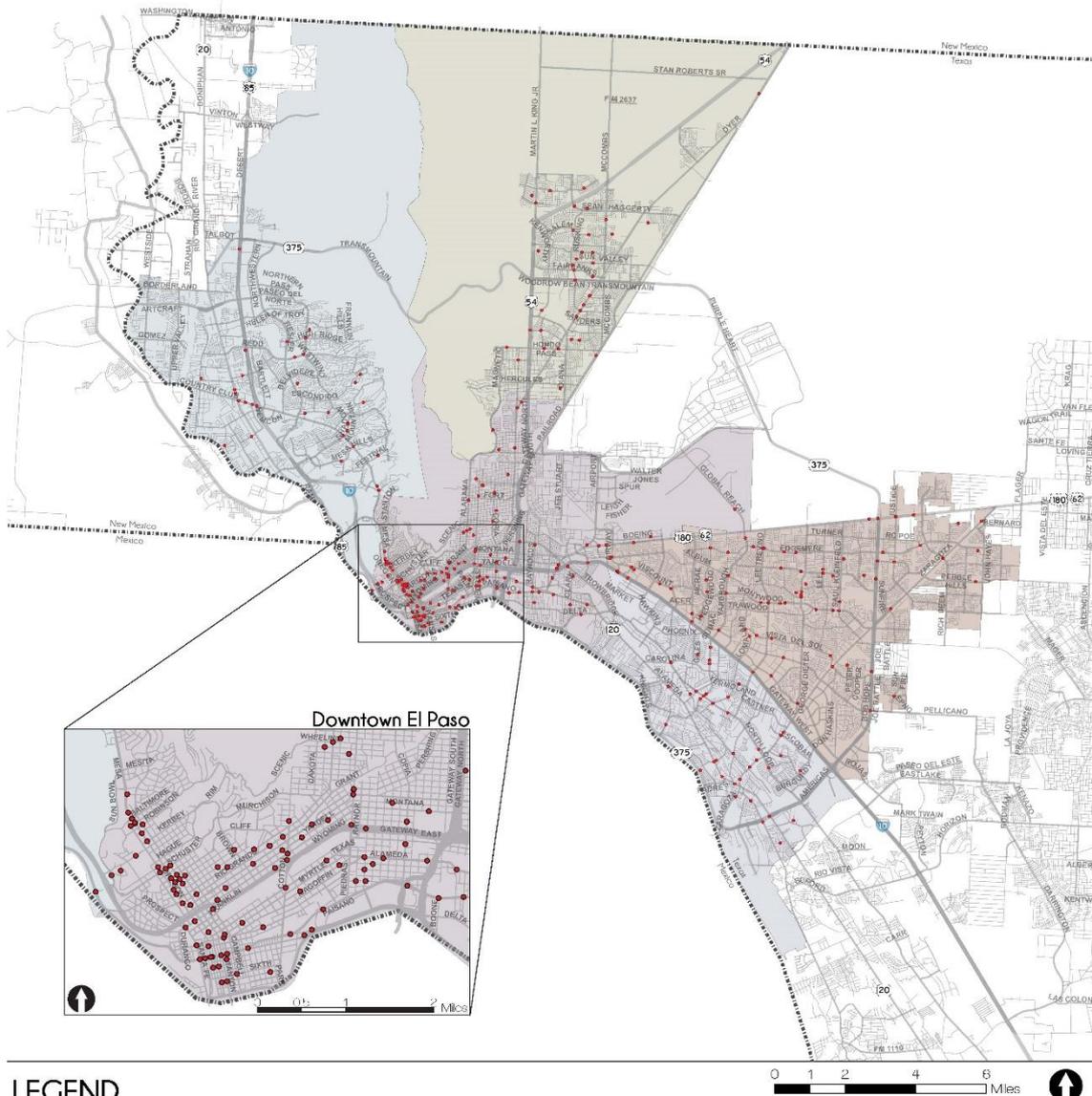


- Constrained conditions
- May require additional right-of-way acquisition



BIKEWAY NETWORK:

Bicycle Crash Locations



LEGEND

Bicycle Crashes

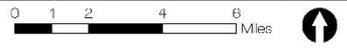
- Bicycle Crash Locations

Planning Areas

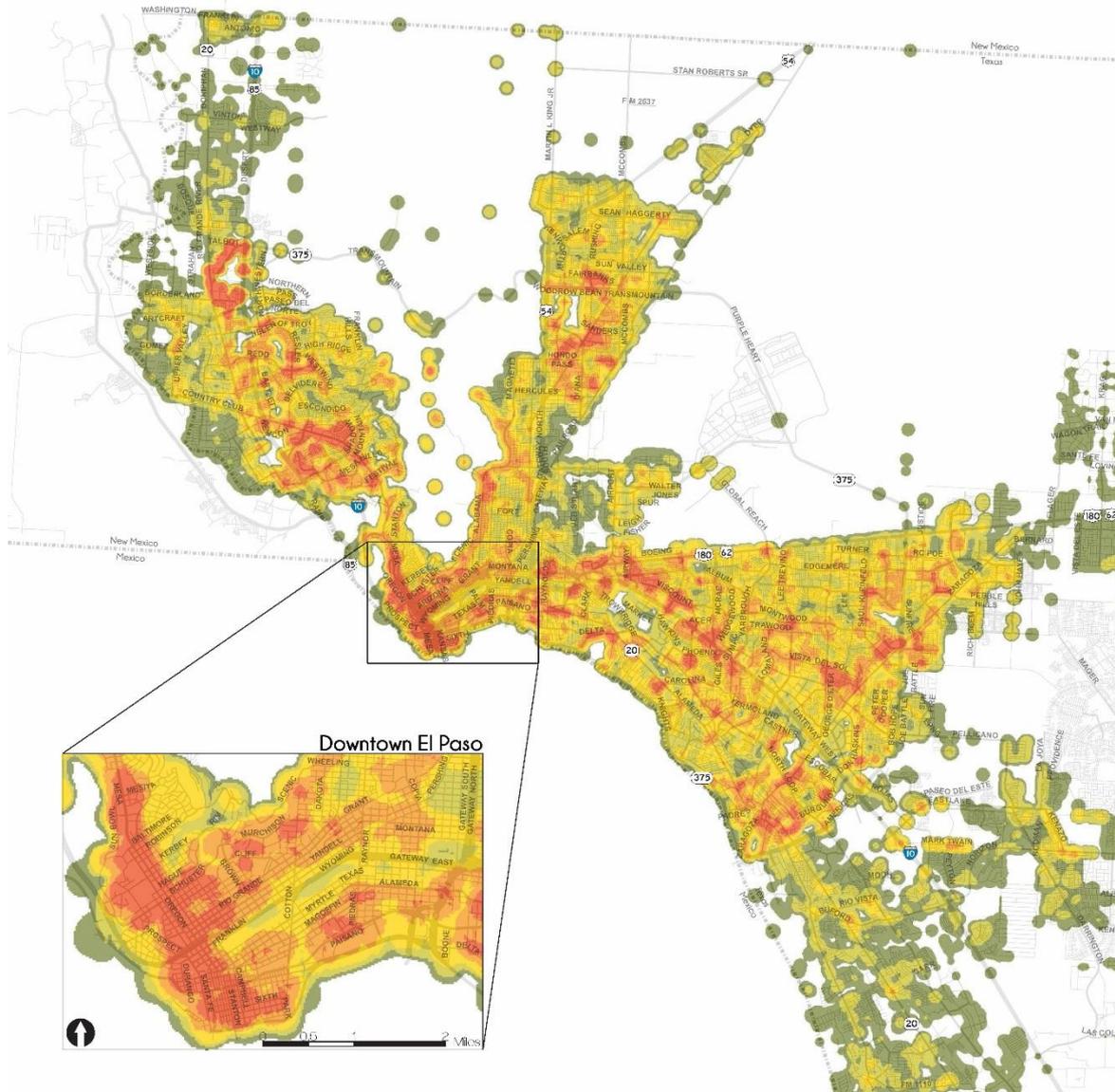


Other Map Elements

- Interstate
- Major Roadway
- Local Roadway
- Texas/United States Border



Bikeway Network Demand



LEGEND

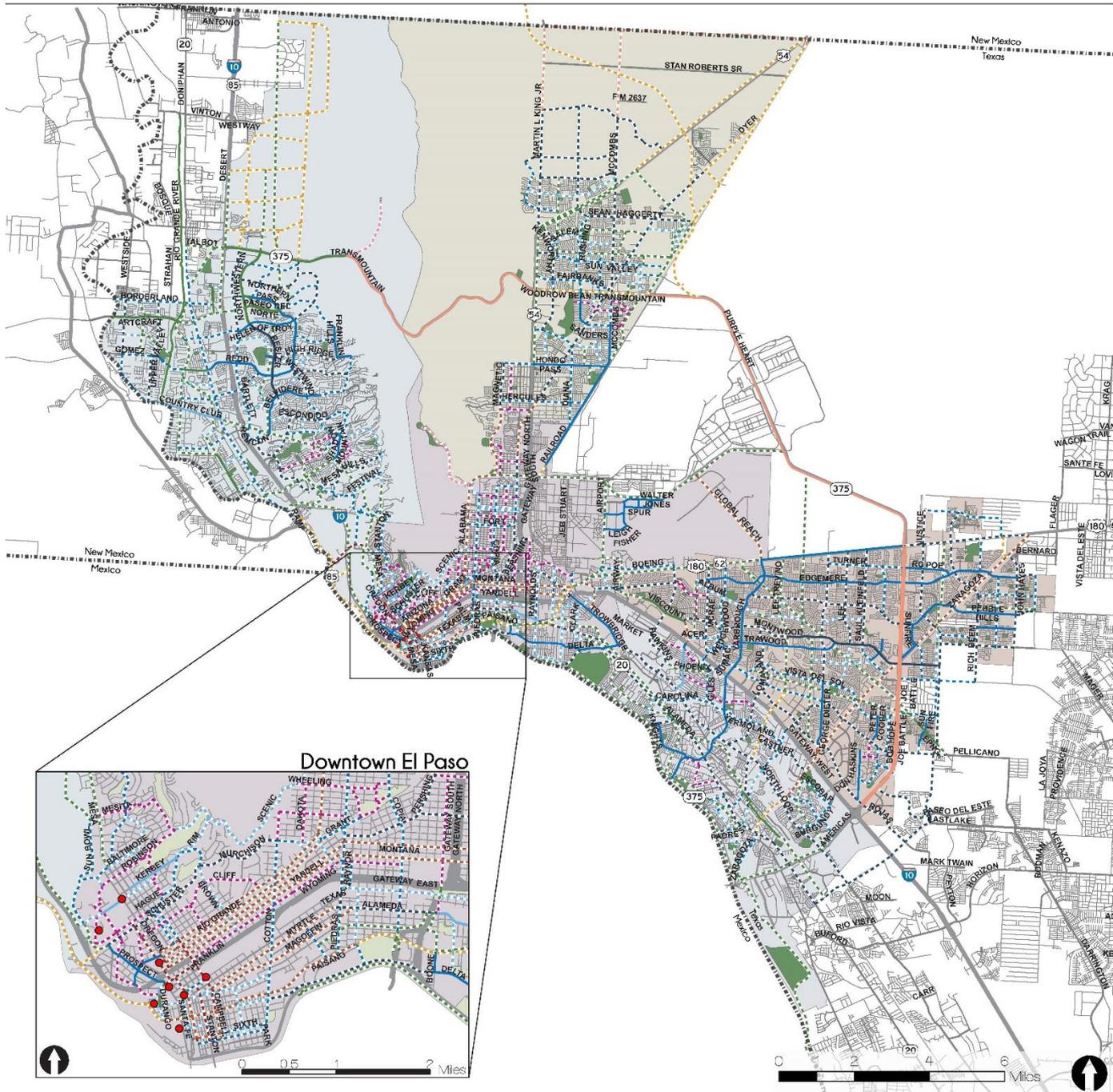
Bicycle Facility Demand

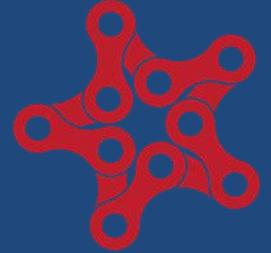


Other Map Elements



Draft Bikeway Network





PROGRAMS

*What's wrong
with this
picture?*



Why *not* bike today?



- Lack of confidence
- Lack of information
- Lack of support

1. *It's not about "why"*
2. *Infrastructure can't fix this!*

What shifts trips to bike?



- Infrastructure (separation, completeness)
- Traffic operations (minimizing delay)
- Making car use harder/more expensive
- Laws & enforcement
- Bike parking (short-term, high-capacity, residential)
- Policy and funding
- Transit integration, regional connections
- Bikesharing
- **Encouragement: Outreach, education, and media campaigns**



Program Elements of the El Paso Bike Plan



- Promoting bicycling as a fun, healthy, and positive activity
- Law Enforcement training and education programs
- City Staff, programs, and policy
- Programs that promote safety

Framing



- *Goal: Normalize bicycling, create empathy, not favor one mode over another*
- *Language: Mode-neutral, person-centric*
 - *“Person Biking ” vs:*
 - *“Person on a bike ”*
 - *“Resident traveling by bicycle ”*
 - *“Neighbor who chooses to use a bike ”*
- *Images: “Normal ” people, diversity, non-scary setting*

Encouragement Strategy



- Broaden the base (8 – 80/AAA, full range of residents)
- Normalizing cycling & image of “cyclist”
- Anticipate questions/concerns
- Help people change habits
- Positive peer pressure

Promoting bicycling - “I Ride” Campaign



I ride
for exercise with my kids.

Community
Cycling
Center

KAISER PERMANENTE.

Bikes Take You Places

Learn more at:
www.CommunityCyclingCenter.org

The advertisement is a rectangular sign with a blue background. On the left side, there is a photograph of a man and two children riding bicycles. The man is in the center, wearing a white jacket and a green helmet, with his hands on the handlebars of a yellow bicycle. To his left is a boy in a grey hoodie and a blue helmet riding a blue bicycle. To his right is a girl in a purple jacket and a blue helmet riding a purple bicycle. The background of the photo shows a park-like setting with trees and a cloudy sky. The text 'I ride' is in large white letters at the top left of the photo, and 'for exercise with my kids.' is in white at the bottom left. To the right of the photo, the text 'Community Cycling Center' is in white, with a circular logo featuring a caduceus-like symbol. Further right, the Kaiser Permanente logo (a stylized figure) and the text 'KAISER PERMANENTE.' are in white. Below this, the slogan 'Bikes Take You Places' is in large, bold, white letters. At the bottom right, the text 'Learn more at:' is in white, followed by the website address 'www.CommunityCyclingCenter.org' in white.

I ride

to my garden.

to see nature.

Michelle and Dominic



Community
Cycling
Center

Ride with us

I ride

cuz it's fun!

Abolade



Community
Cycling
Center

Ride with us

Promoting bicycling



- Open Streets
- Individualized Marketing
- Infrastructure Rollout
Campaigns
- Cross-cultural Outreach
- 8-80 Outreach
- Tourism & Identity



Infrastructure Campaigns





Education Programs

- Law Enforcement
- Elected Officials
- Planners
- Engineers

City Staff, Programs and Education



life
is
a
cycle

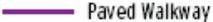
amsterdam **cy**cling to sustainability

I **amsterdam**

www.iamsterdam.com



LEGEND

	Paved Walkway		Ferry Terminal
	Hiking Trail		Transit Stop
	On-Street Bikeway		Park and Ride
	Stairs		Bike Parking
	Historic District		School
	Commercial District		Library
	Parks		City Hall
			Post Office

0 500 1000
MAP SCALE IN FEET

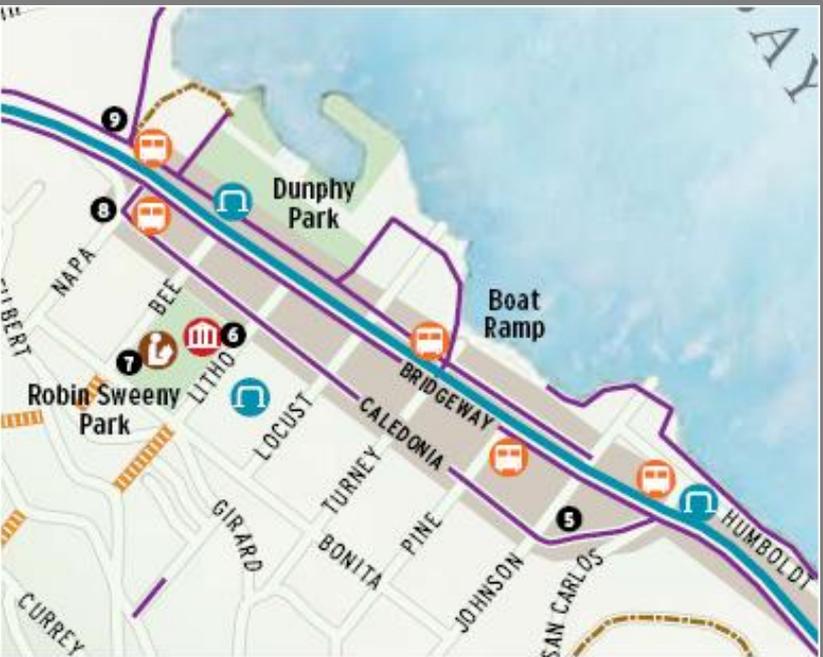
SAUSALITO WALK BIKE RIDE MAP

WAY TO GO SAUSALITO!



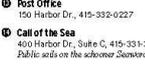

Map showing Sausalito streets, parks, and transportation routes. Key landmarks include Golden Gate National Recreation Area, Richardson Bay, and various schools and libraries.

0 500 1000
MAP SCALE IN FEET

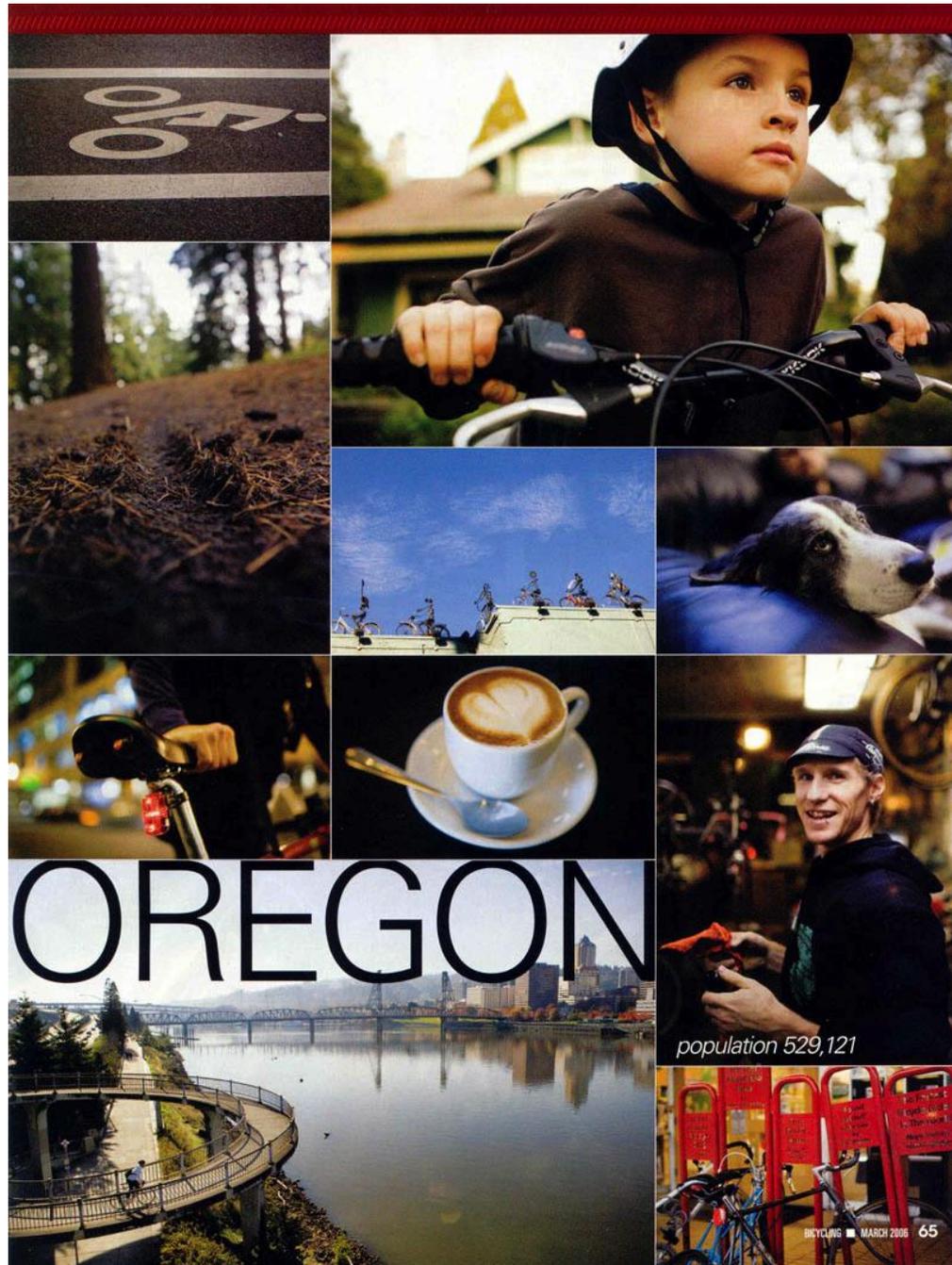


Detailed map of the central Sausalito area, highlighting Dunphy Park, Boat Ramp, and streets like Napa, Bee, Litho, Locust, Caledonia, Bridgeway, Turney, Pine, Johnson, San Carlos, and Humboldt.

REDISCOVER SAUSALITO WHEN YOU WALK, BIKE OR RIDE

 <p>1 Seal (81 Sycamore) In the water south of Scoma's Restaurant on Bridgeway</p>	 <p>1 Hernandez (Gerger Castillo) Gabrielson Park Call from the art list from Sausalito's Sister City, Vina del Mar, Chile</p>	 <p>1 Art Car (Weather Wilcoxon) North of Dunphy Park off Bridgeway</p>	 <p>1 Bay Model (Don Liberto) Sausalito Art Festival Fair Grounds, Marin ship Park</p>	 <p>1 Marin City Library 164 Donahue St., 415-332-6158</p>	 <p>1 Hermaid (Denise Wiser) Shell Station on Bridgeway just south of Gate Five Road</p>
 <p>1 Sally's Fountain Ferry Terminal</p>	 <p>1 City Hall 420 Litho St., 415-289-4100</p>	 <p>1 Sausalito Chamber of Commerce 10 Liberty Ship Way, 415-331-7262</p>	 <p>1 Post Office 150 Harbor Dr., 415-332-0227</p>	 <p>1 Call of the Sea 400 Harbor Dr., Suite C, 415-331-3214 Public art on the schooner Cleopatra</p>	 <p>1 Bay Model Visitors Center 2100 Bridgeway, 415-332-3671 3D hydro-cubic model of SF Bay and Delta</p>

Tourism

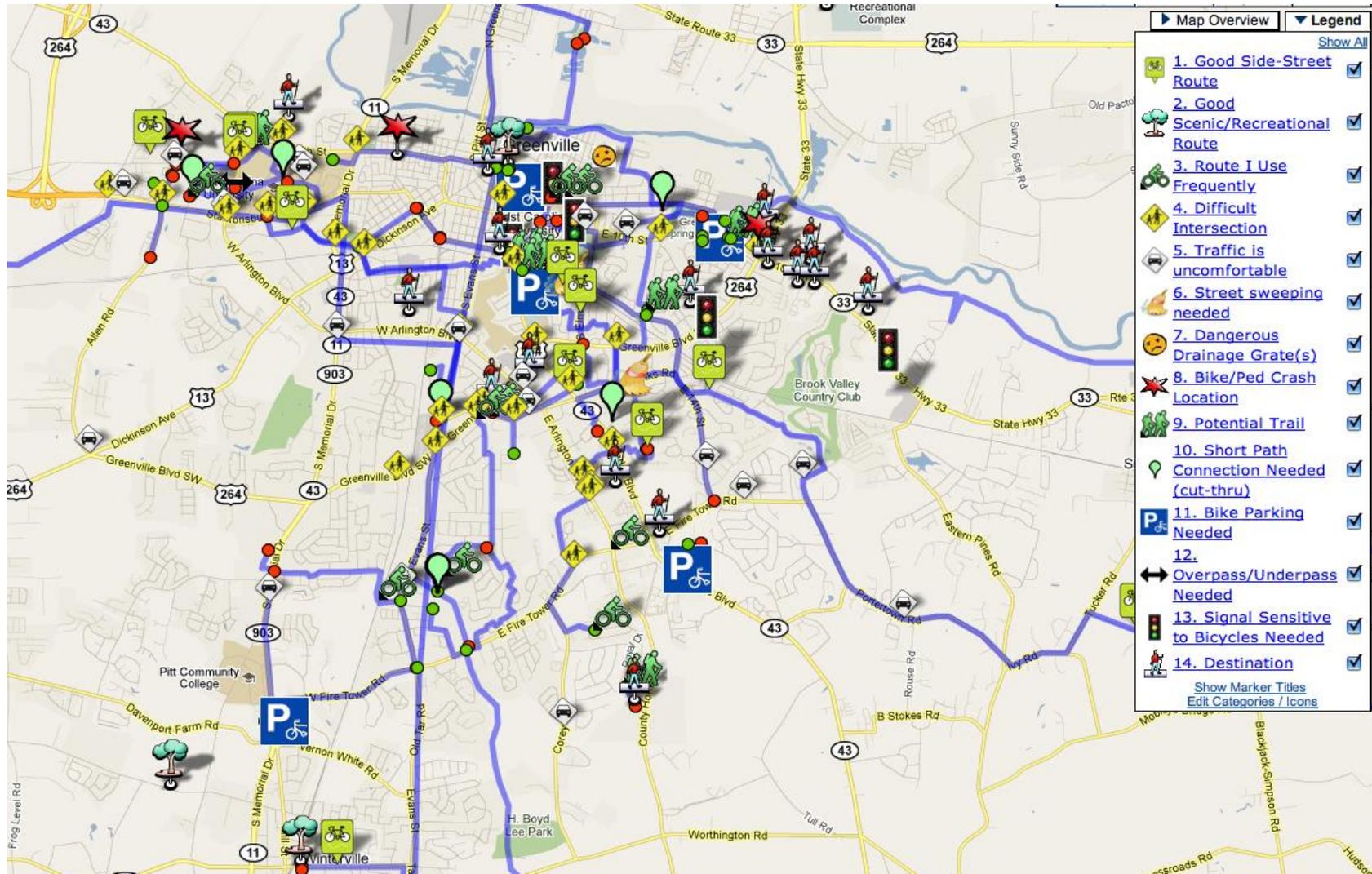


City as the Best Source of Information

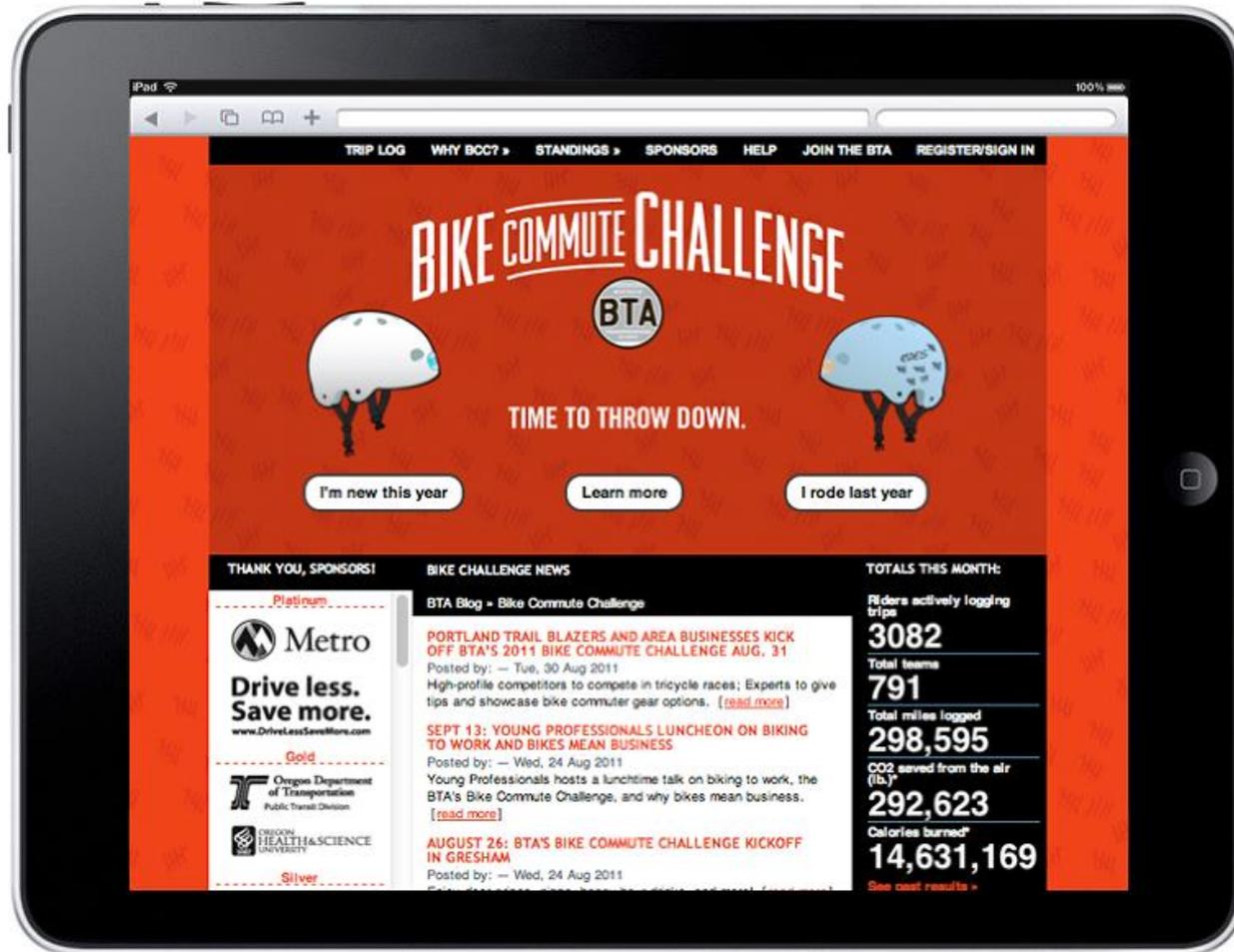


The screenshot shows a web browser window displaying the NACTO website. The URL in the address bar is nacto.org/cities-for-cycling/design-guide/bike-lanes/contr-flow-bike-lane/. The page header includes the NACTO logo and the text "National Association of City Transportation Officials". A navigation menu contains links for Home, About NACTO, Initiatives, NACTO News, NACTO Policy, Videos, Press, and Contact. A "Member City Login" link is visible in the top right corner. The main content area features the title "Contra-Flow Bike Lanes" and a photograph of a street with a contra-flow bike lane. The photo shows a white bicycle symbol and a white arrow pointing left, with a blue arrow pointing right above it, indicating the opposite directions of travel. The location "Portland, OR" is noted in the bottom right of the photo. To the right of the main content is a sidebar titled "Urban Bikeway Design Guide" with a list of categories: Bike Lanes (with sub-items: Conventional Bike Lanes, Buffered Bike Lanes, **Contra-Flow Bike Lanes**, and Left-Side Bike Lanes), Cycle Tracks, Intersections, Signals, and Signing & Marking. Below this is a "Master Reference Matrix" section with links for City Projects, Print Guide, and Design Guide Project Teams.

Feedback from Public



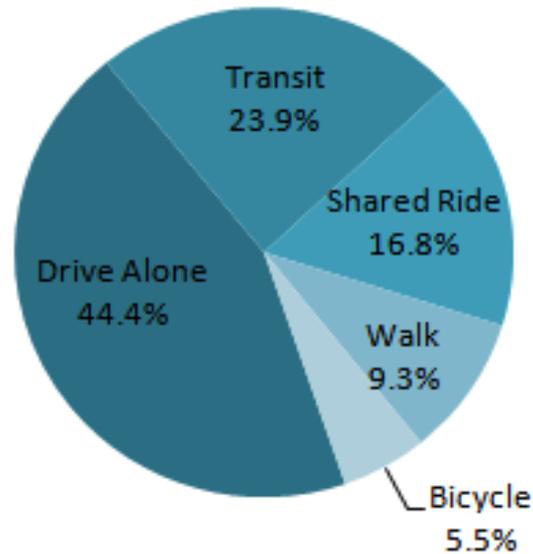
Everything Mobile



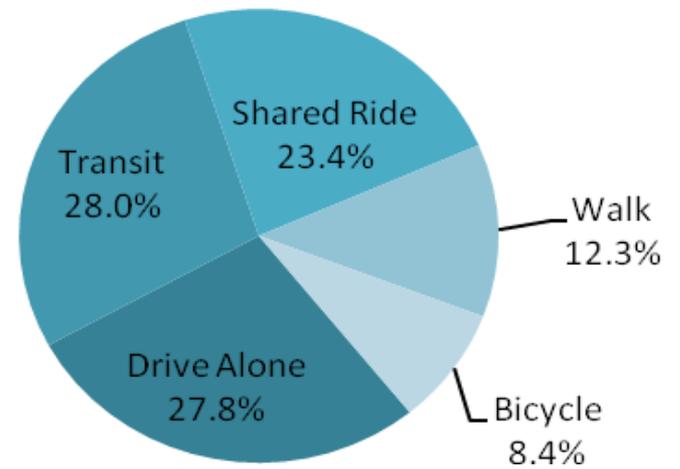
Evaluation



**Before
(All Participants)**



**After
(Survey Respondents)**



Cross-Cultural Outreach



Safety Programs at School





WE MAKE TIME
— to —
BRAKE
FOR KIDS

PAZADENA 



WE MAKE TIME
— to —
DRIVE
25

PAZADENA 



WE MAKE TIME
— to —
USE THE
CROSSWALK

PAZADENA 



WE MAKE TIME
— to —
BE
AWARE

PAZADENA 



HACEMOS TIEMPO
— para —
CONducIR A
25

PAZADENA 



HACEMOS TIEMPO
— para —
USAR EL
CRUCE
PEATONAL

PAZADENA 



HACEMOS TIEMPO
— para —
ESTAR
ATENTOS

PAZADENA 



8-80: Families & Kids



- Family Day, Biking w/ Kids classes (SF)
- Kidical Mass
- CCC Bike Camp & Bike Club



8-80: Teens



A film by Darlington Media Group, exploring why teenage girls in Britain love cycling. DVD, book and exhibition due for release November 2009.
www.bikebeauty.org www.mf2webshop.org.uk www.darlington.blogspot.com

8-80: Women



Women
ON BIKES

**SOUTHEAST
SMART TRIPS**

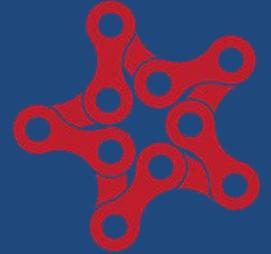
INSIDE : FREE WOMEN-ONLY RIDES AND CLINICS ON BASIC RIDING SKILLS, BIKE

8-80: Seniors



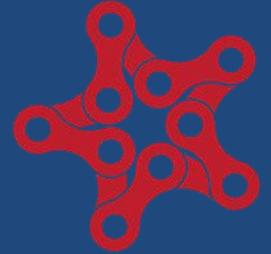
- 3-wheeled bikes
- Brought to parks & senior centers
- Guided ride
- Classes consistently full
- EPA “Active Aging” award



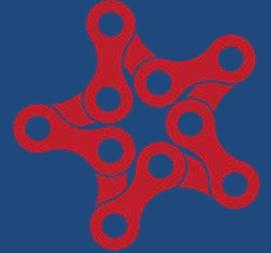


VIDEO

Infrastructure Campaign for Resler



NEXT STEPS



COMMENTS AND QUESTIONS?
