



# THE City Of Sausalito

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MARIN COUNTY CALIFORNIA

## BICYCLE AND PEDESTRIAN PLAN UPDATE

February 17, 2015





# AGENDA

- 1 Recap of 1<sup>st</sup> Workshop and Survey
- 2 Proposed Pedestrian Projects
- 3 Proposed Intersection Projects
- 4 Proposed Bicycle Projects
- 5 Project Prioritization Exercise
- 6 Next Steps



# 1<sup>st</sup> Workshop (11/3/2014)

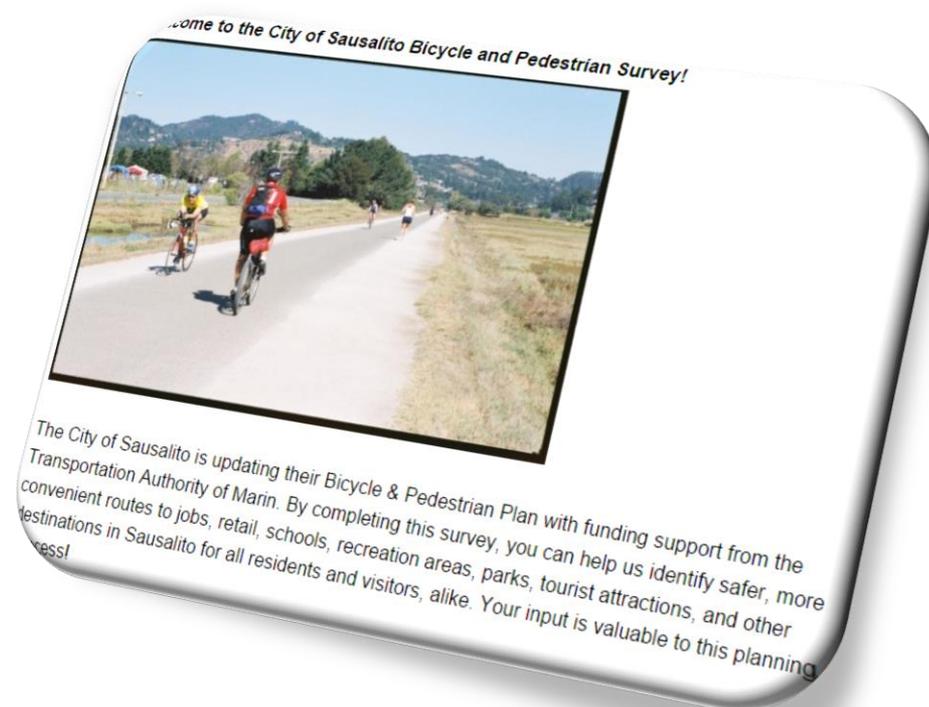


- Approximately 20 residents
- Over 50 identified walking and bicycling issues, programs, and policy ideas
- Specific feedback on residents' daily experiences



# Online Survey Results

- 51 responses
- 81% from Sausalito
- 53% male/47% female
- 75% above 40 years old
- Even distribution of different types of bicyclists





# Online Survey Results

## Top 3 Bicycling Obstacles

- Road/trails do not feel safe (44%)
- Drivers are too aggressive (31%)
- Street crossings feel unsafe (20%)

## Top 3 Walking Obstacles

- Roads/sidewalks do not feel safe (33%)
- Destinations are too far to walk (26%)
- There are no sidewalks or paths (22%)





# Online Survey Results



Image: Marcy Roth

Sausalito residents primarily walk and bike for recreation

## Top Reasons for Walking and Bicycling

- Health and fitness
- More time outdoors
- Pleasure



# Online Survey Results

## Top Bike Destinations

- No particular destination
- Parks, trails, and off-street paths
- Shopping and restaurants

## Top Walk Destinations

- Spencer Avenue Bus Stop
- Golden Gate Bridge
- Caledonia Street



Image: Google Maps



# Online Survey Results



Image: MCBC

## Overall Bike Conditions

- 69% fair or poor

## Overall Walk Conditions

- 79% fair or good



# Online Survey Results

## Bike Attention Areas

- Bridgeway
- Richardson
- Alexander
- Golden Gate
- Gate 6

## Walk Attention Areas

- Bridgeway
- Richardson
- Alexander
- Spencer Ave
- Second
- Waterfront



Image: Nancy Engstad



# Online Survey Results

## Bike Parking Desired

- Caledonia Street
- Ferry terminal

## Walk Amenities Desired

- Dunphy Park
- Bridgeway
- Waterfront



Image: Alan Dep



# Online Survey Results

## Top 3 Transportation Priorities

- Expand/improve bike/ped pathway and trail network (47%)
- Construct more bikeways (33%)
- Improve existing public transit (28%)



Image: Marin Mommies

# Existing Bicycle Network





# Feedback Themes

- Focus on **north/south bike network** for “enthused and confident” bicyclists
- Create and market connected **Waterfront Trail** for “interested but concerned” bicyclists
- Improve **intersection lighting** conditions
- **Maintain** existing bicycle infrastructure
- Upgrade **staircase** tread, rails, and lighting for pedestrians and transit riders



# Programs

- Consider closing Bridgeway for **open street activities**
- Develop a **tourist-friendly naming** scheme for trails and paths
- Develop a more **user-friendly map**
- Reach out **to bike rental companies**
  - Inform renters of difficult terrain
  - Multilingual rules of the road
- Cohesive vision for **purpose of multiuse path** (every kid can bike or walk to school, visitors can travel between X and Y, etc.)



# Policies

- **Share the Road** 3 foot passing signage
- **Prohibit sidewalk bike riding** (unless children under 13-years-old)
- **Bike Parking** Ordinance
- Work with homeowners to **open fire roads**



# Proposed Maintenance Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
<b>Bridgeway</b>	Easterby Street	Napa Street	II	0.24	Pavement maintenance (citywide bicycle and pedestrian maintenance).
<b>Excelsior Lane</b>	Bridgeway	San Carlos Avenue	N/A	0.15	Improve lighting (reach out to neighborhood for input ).
<b>Laurel Lane Stairs</b>	Woodward Avenue	Laurel Lane	N/A	0.08	Stair maintenance (reach out to neighborhood for input ).
<b>Mill Valley-Sausalito Path</b>	Ebbtide Avenue	Harbor Drive	I	0.31	Pavement maintenance and widen where possible.
<b>Spencer Avenue Stairs</b>	Spencer Avenue	Prospect Avenue	N/A	0.10	Stair maintenance and improved lighting (reach out to neighborhood for input).
<b>Spencer Avenue Undercrossing</b>	Monte Mar Drive	Morning Star Trail	N/A	N/A	Improve lighting in tunnel and near Spencer Avenue southbound bus stop (reach out to Caltrans for approval and maintenance agreement).



# Proposed Maintenance Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
	Nevada Street	Buchanan Drive	N/A	N/A	Install high-visibility crosswalks.
	Nevada Street	Lincoln Drive/Marin Avenue	N/A	N/A	Install high-visibility crosswalks.
	Nevada Street	Wateree Street	N/A	N/A	Install high-visibility crosswalks.
	Nevada Street	Willow Creek Academy Entrance	N/A	N/A	Install high-visibility crosswalks.
	Second Street	Main Street	N/A	N/A	Improve lighting.
	Second Street	Richardson Street	N/A	N/A	Improve lighting.
	San Carlos Avenue	Bulkey Avenue	N/A	N/A	Improve lighting.
	Tracy Way	Anchor Street	N/A	N/A	Vegetation maintenance.



# Proposed Pedestrian Projects

SEGMENT	BEGIN	END	LENGTH	NOTES
<b>Caledonia Street</b>	Napa Street	Johnson Street	0.34	Study feasibility of curb extensions and parklets .
<b>Maple Street</b>	Woodward Avenue	Bridgeway	0.02	Clear vegetation from roadway and construct bicycle-friendly staircase (reach out to neighborhood for input ).
<b>Liberty Way Stairs</b>	Spring Street	Liberty Ship Way	0.02	Construct staircase to connect streets (reach out to neighborhood for input ).



# Proposed Intersection Projects

PRIMARY	SECONDARY	NOTES
<b>Second Street</b>	<b>Main Street</b>	Improve lighting (citywide bicycle and pedestrian maintenance) and modify intersection to heighten awareness of bicyclists and crossing pedestrians (currently part of South Gateway Complete Streets study).
<b>Second Street</b>	<b>Richardson Street</b>	Improve lighting (citywide bicycle and pedestrian maintenance) and consider enhanced intersection treatment to better control and separate bicyclist, pedestrian, and motor vehicle movements (currently part of South Gateway Complete Streets study).
<b>Bridgeway</b>	<b>Marinship Way</b>	Study enhanced intersection treatments for bicyclists and pedestrians.
<b>Bridgeway</b>	<b>Gate 6 Road</b>	Study enhanced intersection treatments for bicyclists and pedestrians
<b>San Carlos Avenue</b>	<b>Bulkey Avenue</b>	Improved lighting (citywide bicycle and pedestrian maintenance) and study feasibility of an all-way stop (reach out to neighborhood for input).



# Proposed Bicycle Projects

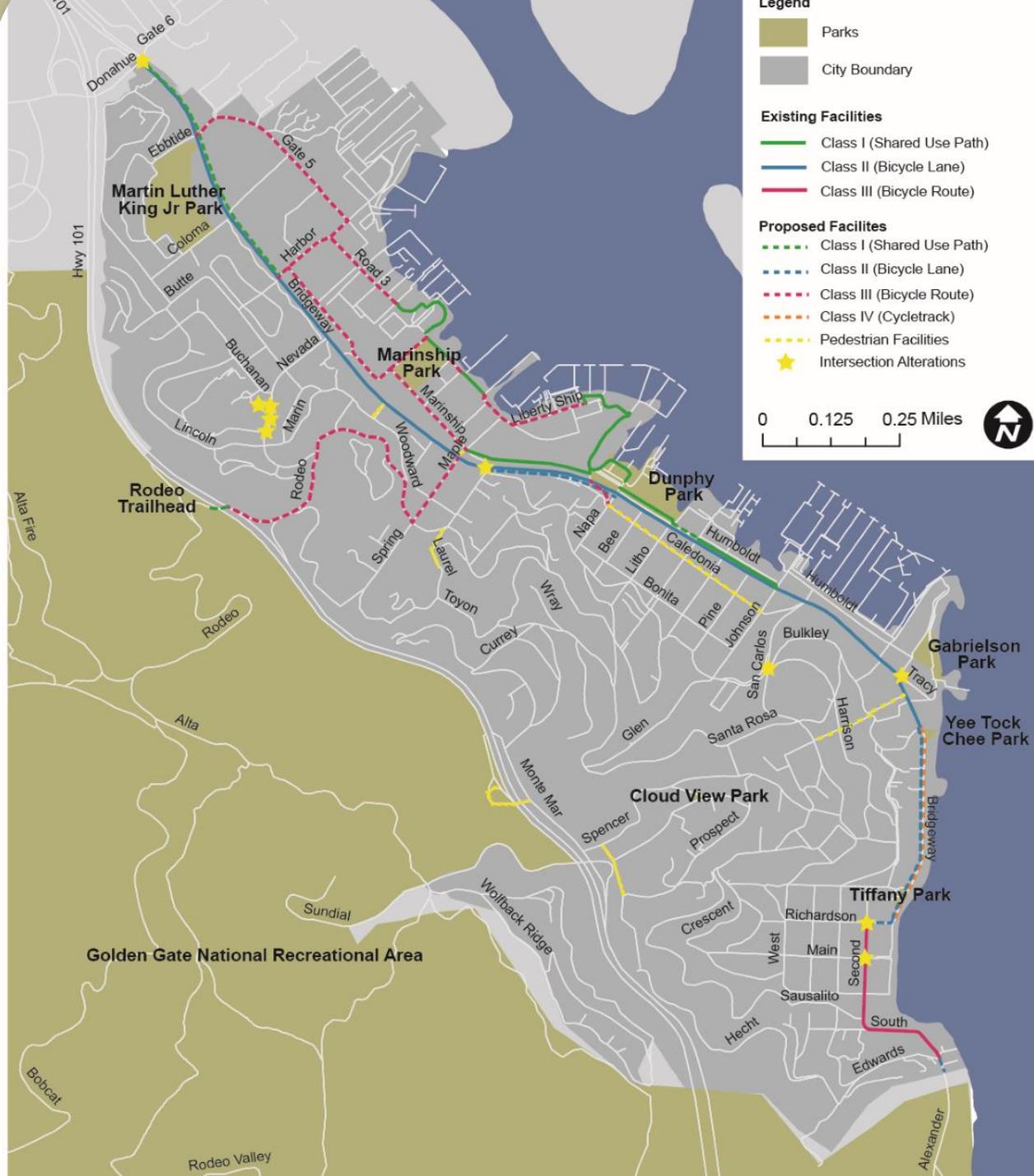
SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
<b>Bridgeway Pathway</b>	Johnson Street	Locust Street	I	0.17	Study feasibility of widening existing pathway to become a Class I shared use path .
<b>Bridgeway</b>	Johnson Street	Litho Street	II	0.22	Study feasibility of adding northbound Class II Bicycle Lane. Add wayfinding at Bridgeway/Bee Street and Bridgeway/Litho Street directing people toward “Waterfront Trail” through Dunphy Park .
<b>Caledonia Street</b>	Bridgeway	Napa Street	III	0.06	Class III Bicycle Route with greenback sharrows.
<b>Gate 5 Road</b>	Bridgeway	Harbor Drive	III	0.36	Class III Bicycle Route (“Waterfront Trail”).
<b>Harbor Drive</b>	Gate 5 Road	Bridgeway	III	0.16	Class III Bicycle Route.



# Proposed Bicycle Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
<b>Marinship Way</b>	Harbor Drive	Bridgeway	III	0.53	Class III Bicycle Route.
<b>Road 3</b>	Harbor Drive	Trail through Marina Plaza Harbor	III	0.18	Class III Bicycle Route and wayfinding (“Waterfront Trail”).
<b>Rodeo Avenue</b>	Woodward Avenue	Rodeo Avenue Trailhead	III	0.63	Class III Bicycle Route.
<b>Woodward Avenue</b>	Rodeo Avenue	Spring Street	III	0.08	Class III Bicycle Route.
<b>Spring Street</b>	Rodeo Avenue	Bridgeway	III	0.15	Class III Bicycle Route.
<b>Rodeo Highway 101 Undercrossing</b>	Rodeo Trailhead (west side of Highway 101)	Rodeo Avenue (east side of Highway 101)	I	0.2	Study feasibility of new undercrossing (reach out to Caltrans ).

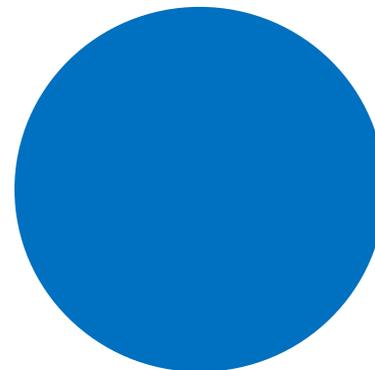
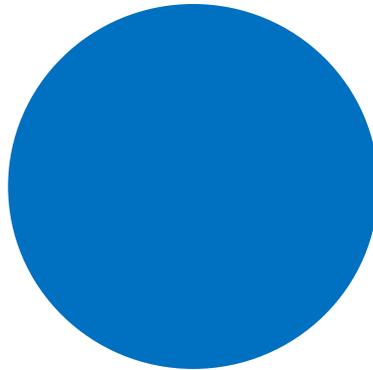
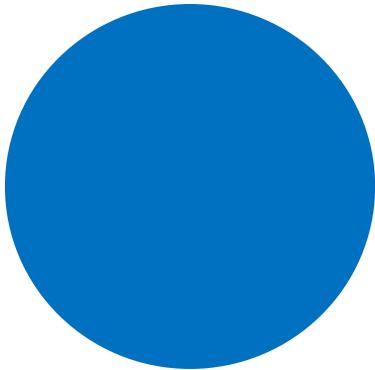
# Proposed Projects





# Project Prioritization

- Each resident gets 3 dots to place next to the 3 projects on the map or lists they believe should be highest priority
- Write in any additional projects you don't see on the map or lists that you believe should be prioritized





# Next Steps

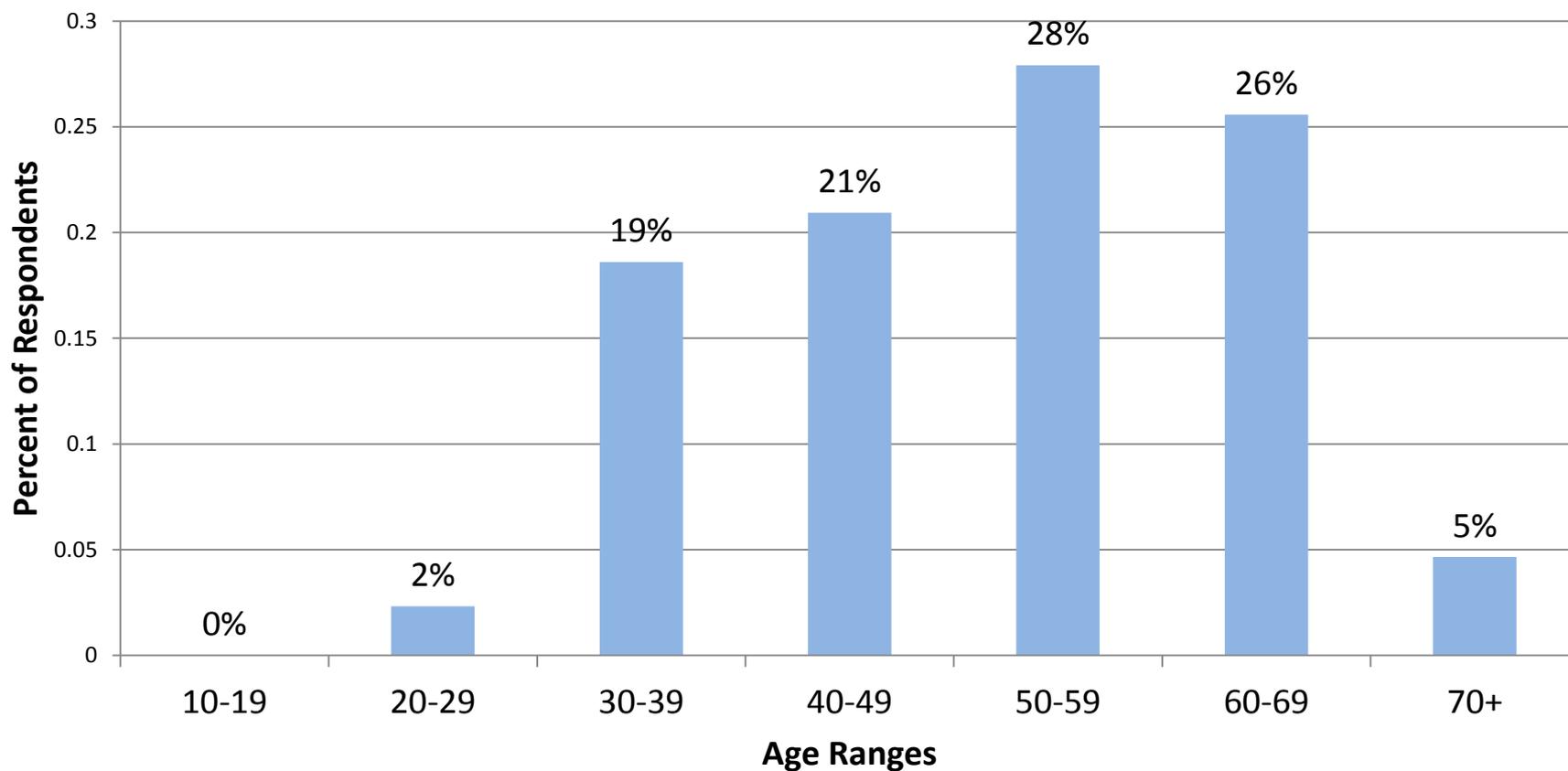
- 1 Cost Estimates
- 2 Project Prioritization
- 3 Draft Report
- 4 Review Period (Mid 2015)
- 5 Final Report
- 6 City Council Approval

# Appendix Slides



# Online Survey Results

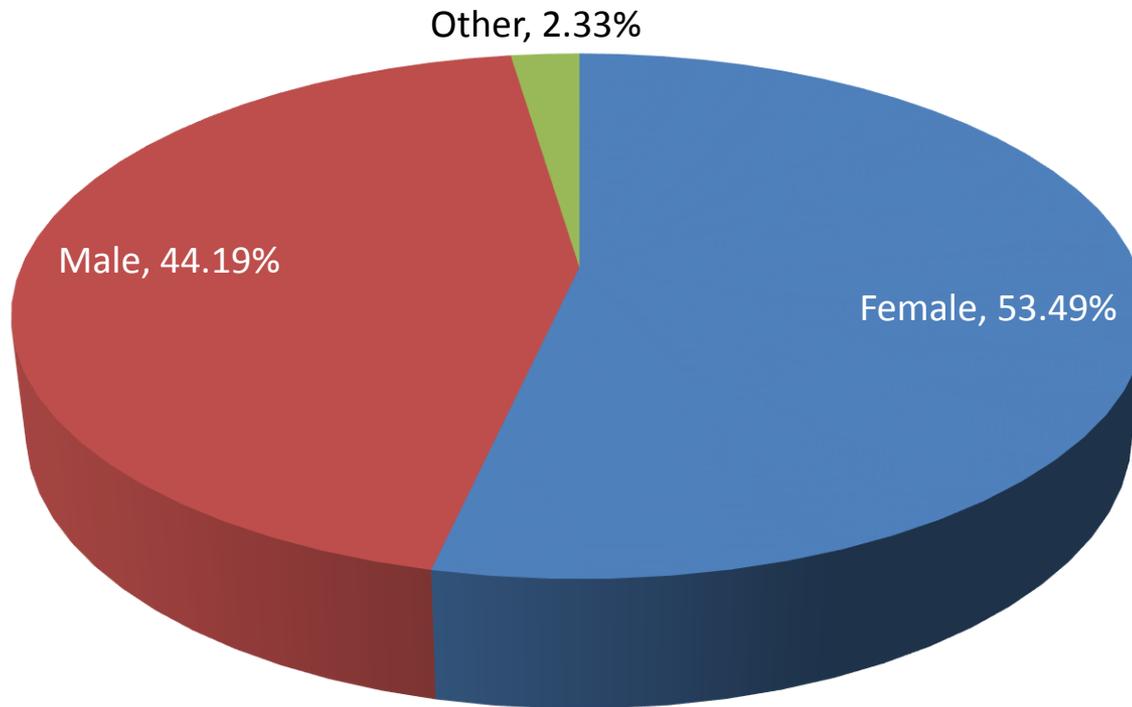
## Age of Respondents





# Online Survey Results

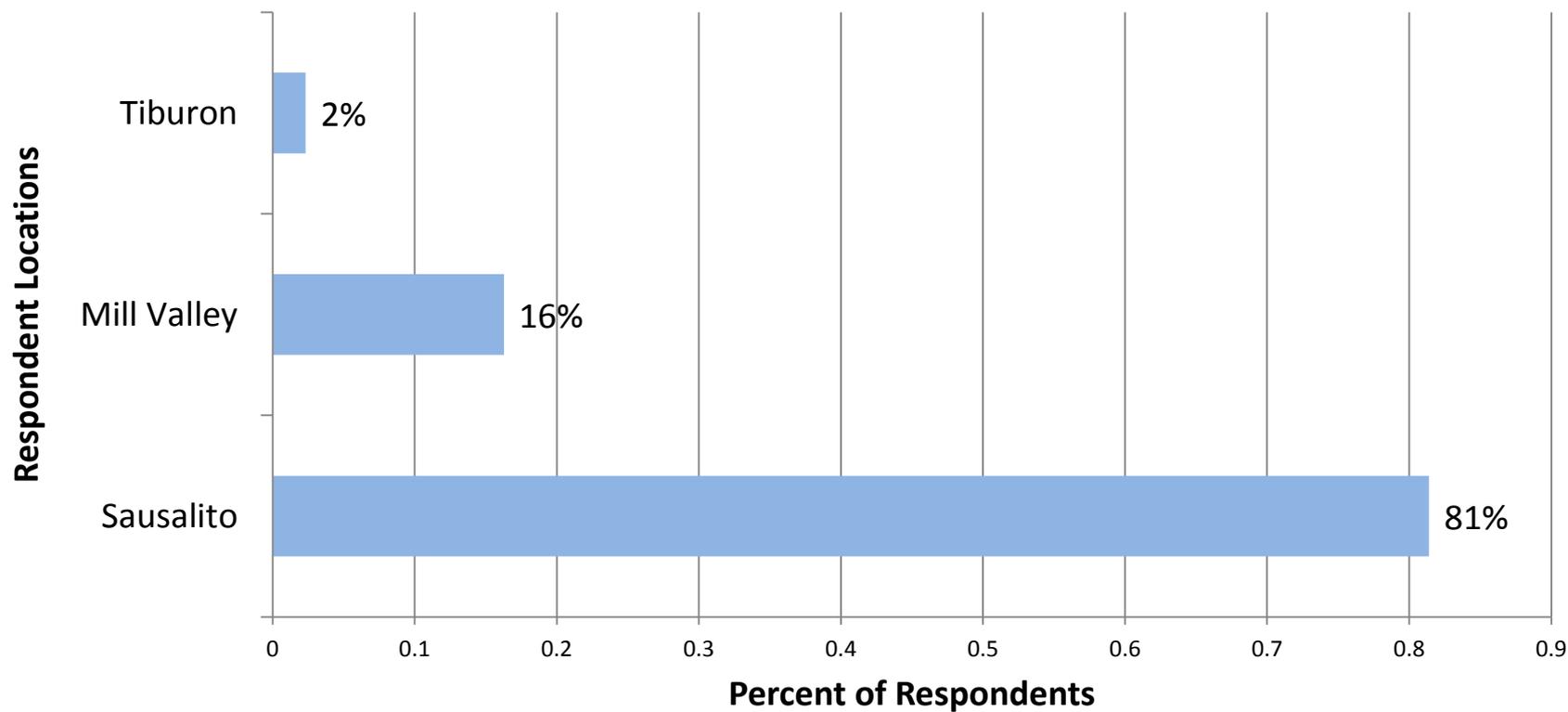
## Gender of Respondents





# Online Survey Results

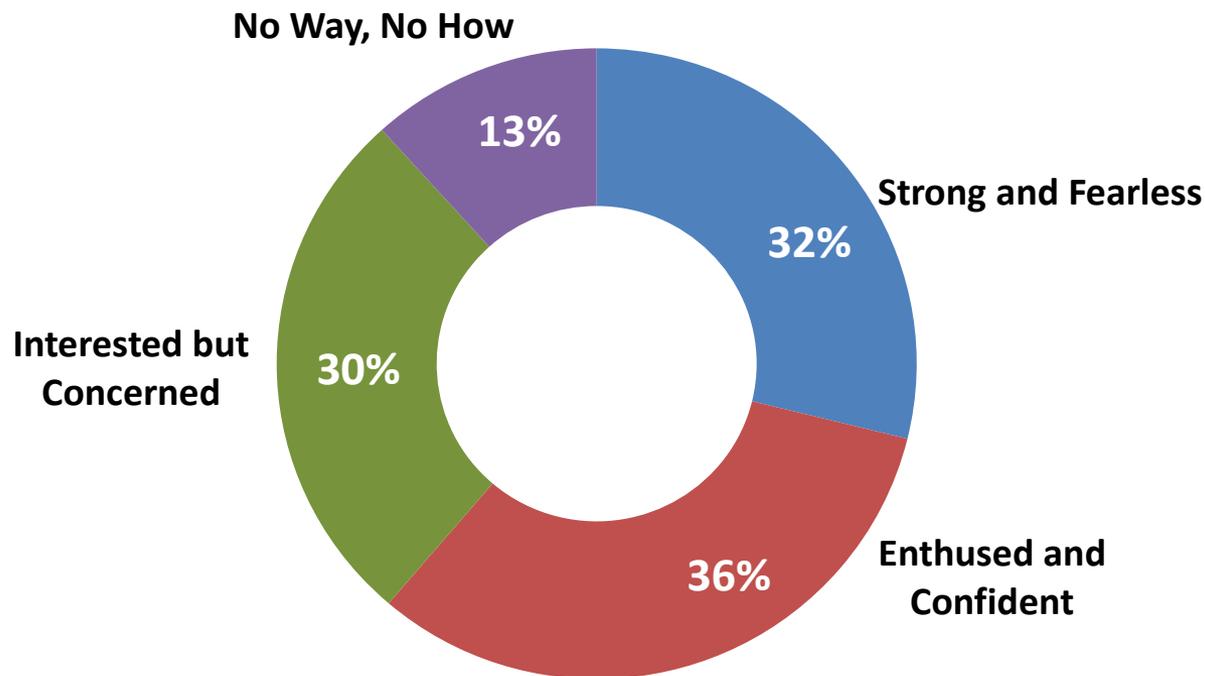
## Location of Respondents



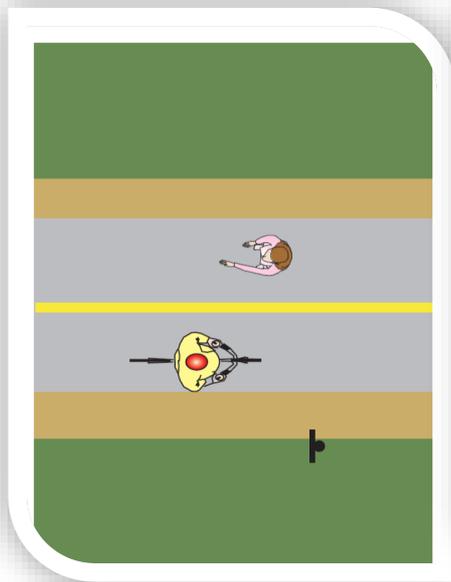


# Online Survey Results

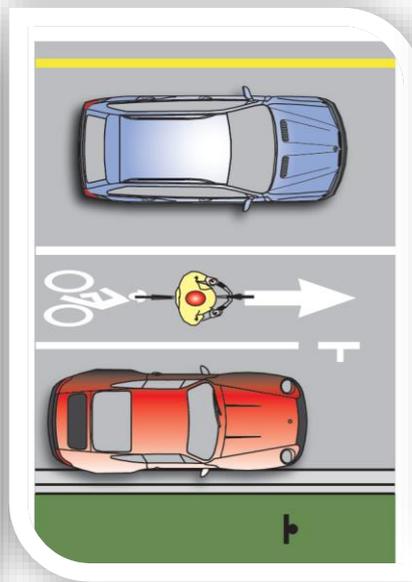
## Types of Bicyclists



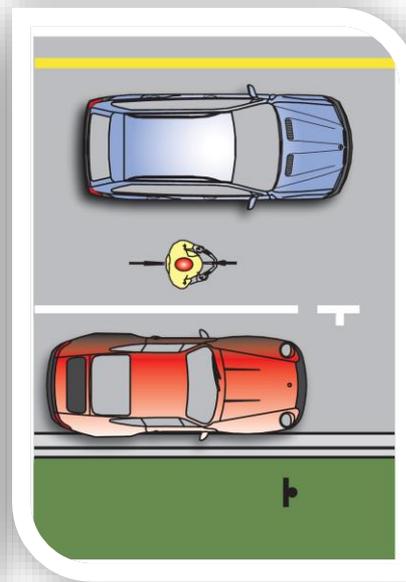
# TERMINOLOGY



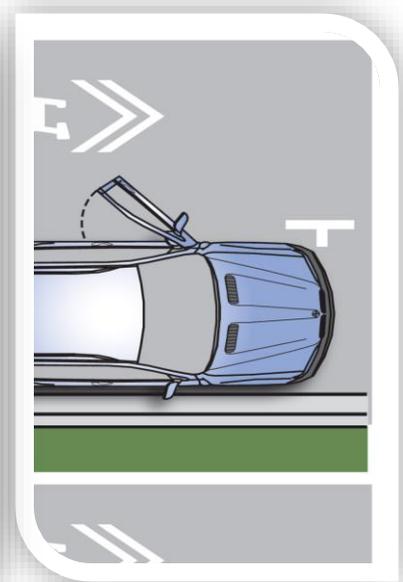
**CLASS I**  
SHARED USE PATH



**CLASS II**  
BICYCLE LANE



**CLASS III**  
BICYCLE ROUTE



**CLASS III**  
SHARED LANE  
MARKINGS



# PROTECTED BIKEWAYS



**2-WAY  
CYCLETRACK**



**RAISED  
CYCLETRACK**

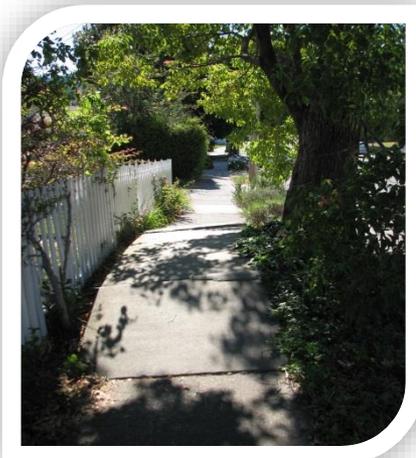


**1-WAY  
CYCLETRACK**



# TYPICAL PEDESTRIAN ISSUES

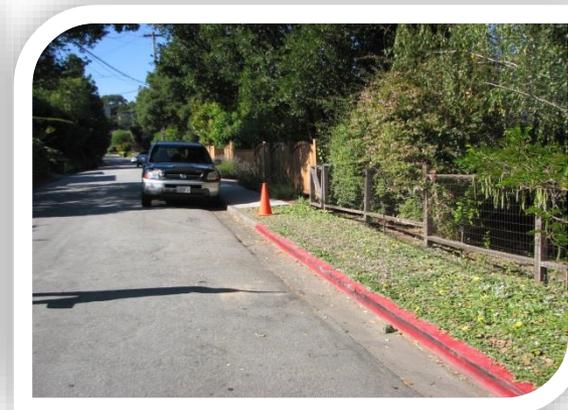
UNEVEN SIDEWALKS



SCHOOL AND TRANSIT ACCESS



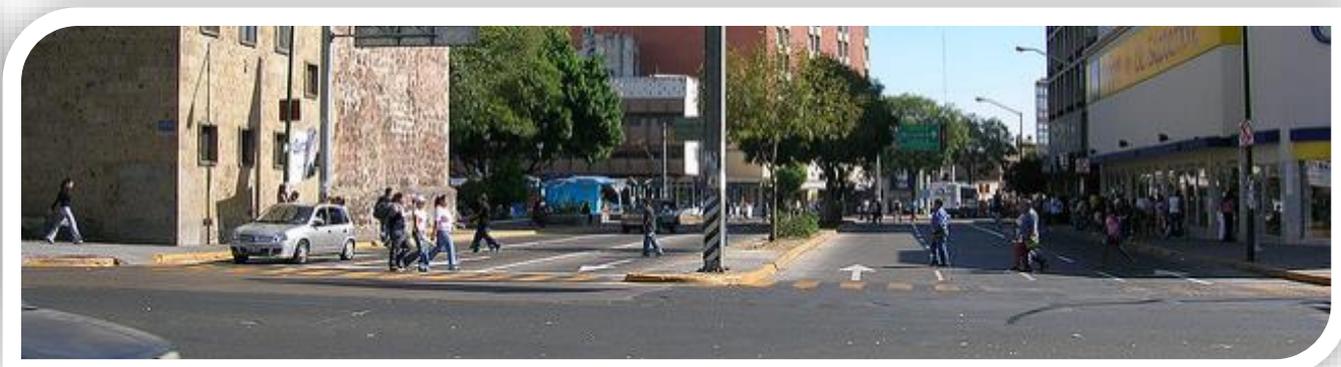
LACK OF SIDEWALKS



ADA ACCESSIBILITY



DIFFICULT INTERSECTION CROSSINGS





# TYPICAL BICYCLE ISSUES

**BICYCLE PARKING**



**TOURISM / CROWDS**



**VARIOUS SKILL LEVELS**



**TRAIL ETIQUETTE**

