



# 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 Program Suggestions
- 3 Policy Suggestions
- 4 Proposed Projects
- 5 Project Prioritization Exercise
- 6 Next Steps



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

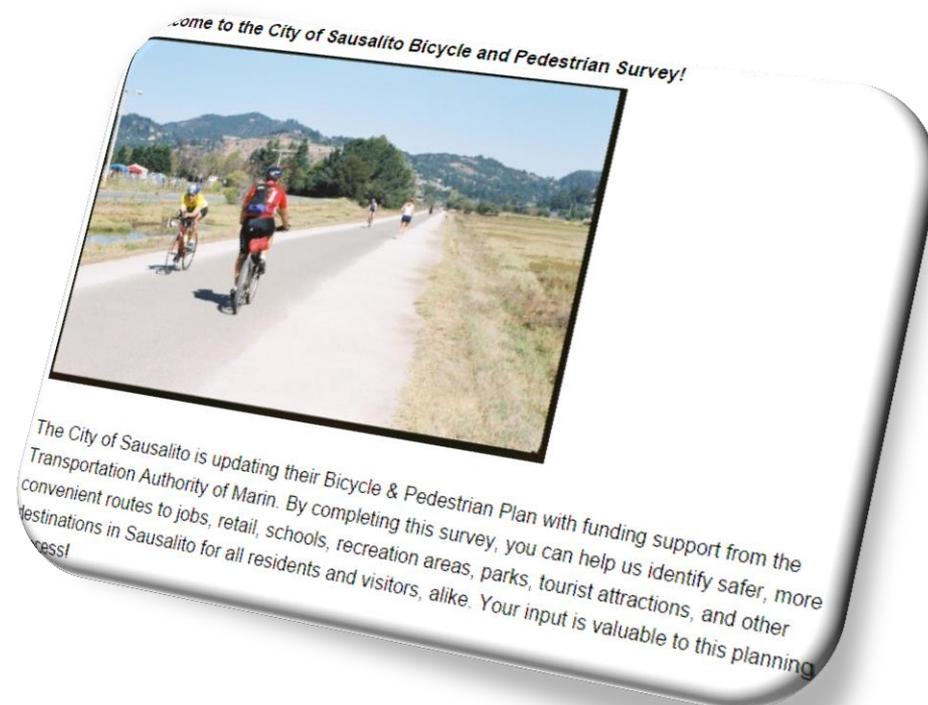


- Approximately 20 residents
- Over 50 identified walking and bicycling issues, programs, and policy ideas
- Specific feedback on residents' daily experiences



# 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: Google Maps

## 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



# Program Suggestions

- 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.)



# Policy Suggestions

- **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 South Gateway Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Alexander Ave	South City Limit	Edwards Ave	II	0.03	Study feasibility of Class II Bicycle Lanes.
	2 <sup>nd</sup> St	Main St	N/A	N/A	Improve lighting as part of citywide bicycle and pedestrian maintenance and modify intersection to heighten awareness of bicyclists and crossing pedestrians (currently part of South Gateway Complete Streets study).
	2 <sup>nd</sup> St	Richardson St	N/A	N/A	Improve lighting as part of citywide bicycle and pedestrian maintenance and consider enhanced intersection treatment options to better control and separate bicyclist, pedestrian, and motor vehicle movements (currently part of South Gateway Complete Streets study).
Richardson St	2 <sup>nd</sup> St	Bridgeway	II	0.04	Class II Bicycle Lanes with transitions to proposed Bridgeway projects.



# Proposed Bridgeway Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Bridgeway	Richardson St	Princess St	II/IV	0.37	Study feasibility of southbound Class II Bicycle Lane, removal of center loading zone, addition of designated loading parking aisles, and northbound Class IV Protected Bicycle Lane. Alternative: removal of southbound parking aisle, southbound and northbound Class II Bicycle Lanes, and center landscaped parking /loading zone median.
	Tracy Way	Anchor St	N/A	N/A	Vegetation maintenance.
Bridgeway	Johnson St	Napa St	II/III	0.34	Proposed southbound Class II Bicycle Lane and northbound Class III Bicycle Route. Feasibility study complete (2011).
Caledonia St	Bridgeway	Napa St	III	0.06	Proposed Class III with greenback sharrows.
Bridgeway	Napa St	Easterby St	II	0.24	Proposed southbound Class II Bicycle Lane and northbound Bicycle Lane maintenance.
	Bridgeway	Marinship Way	N/A	0.05	Study enhanced intersection treatments for bicyclists and pedestrians.
	Bridgeway	Gate 6 Rd	N/A	N/A	Feasibility study and permitting complete. Actively seeking construction funding for enhanced intersection treatments for bicyclists and pedestrians.



# Proposed Bridgeway Path Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Bridgeway Path	Ferry Landing	Johnson St	I	0.34	Proposed Class I path through parking lots. Feasibility study complete (2011). Coordinate with Golden Gate Transit.
Johnson St	Humboldt Ave	Bridgeway	I	0.03	Proposed Class I path. Feasibility study complete (2011).
Bridgeway Path	Johnson St	Litho St	I	0.23	Proposed Class I path. Feasibility study complete (2011). Add wayfinding at Bridgeway/Bee Street and Bridgeway/Litho Street directing people toward the "Waterfront Trail" through Dunphy Park. Alternative: study feasibility of northbound Class II.
	Bridgeway	Napa St	N/A	N/A	Proposed connection, crosswalk, and planters between proposed Class I path and existing path near Dunphy Park. Feasibility study complete (2011).
Bridgeway Path	Existing path south of Dunphy Park (Mono St)	Existing path west of Dunphy Park	I	0.01	Proposed Class I connection between existing path south of Dunphy Park and existing path west of Dunphy Park. Feasibility study complete (2011).
	Marinship Way	Liberty Ship Way	N/A	N/A	Proposed enhanced intersection treatments for bicyclists and pedestrians. Feasibility study complete (2011).
Bridgeway Path	Liberty Ship Way	Harbor Dr	I	0.47	Proposed Class I path. Feasibility study complete (2011).
	Harbor Dr	Bridgeway/ Marinship Way	N/A	N/A	Proposed enhanced intersection treatments for bicyclists and pedestrians. Feasibility study complete (2011).
Bridgeway Path	Harbor Dr	Gate 6 Rd	I	0.48	Proposed Class I path (widening). Feasibility study complete (2011).
	Bridgeway	Gate 5 Rd	N/A	N/A	Proposed enhanced intersection treatments for bicyclists and pedestrians. Feasibility study complete (2011).



# Proposed Rodeo Trailhead Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Spring St	Bridgeway	Woodward Ave	III	0.14	Proposed Class III Bicycle Route (reach out to neighborhood for input).
Woodward Ave	Spring St	Rodeo Ave	III	0.07	Proposed Class III Bicycle Route (reach out to neighborhood for input).
Rodeo Ave	Woodward Ave	Rodeo Ave Trailhead	III	0.63	Proposed Class III Bicycle Route (reach out to neighborhood for input).
Rodeo Ave – US 101 Undercrossing	Rodeo Trailhead (west side of US 101)	Rodeo Ave (east side of US 101)	I	0.2	Study feasibility of new undercrossing (reach out to Caltrans).



# Proposed Waterfront Trail Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Liberty Ship Way	East “Waterfront Trail”	West “Waterfront Trail” near Liberty Ship Marina	III	0.25	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding (reach out to right-of-way owner).
“Waterfront Trail”	West “Waterfront Trail” north of Sea Trek	Path north of Marinship Park	III	0.04	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding (reach out to right-of-way owner).
Road 3	West “Waterfront Trail” near Marina Plaza Harbor	Harbor Dr	III	0.17	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding (reach out to right-of-way owner).
Harbor Dr	Bridgeway	Gate 5 Rd	III	0.16	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding.
Gate 5 Rd	Harbor Dr	Bridgeway	III	0.36	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding (reach out to right-of-way owner).
Marinship Way	Harbor Dr	Bridgeway	III	0.53	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding.
Testa St	Marinship Way	West “Waterfront Trail” north of Marinship Park	III	0.10	Proposed Class III Bicycle Route with greenback sharrows and “Waterfront Trail” wayfinding.



# Proposed Pedestrian Projects

SEGMENT	BEGIN	END	CLASS	LENGTH	NOTES
Excelsior Ln	Bridgeway	San Carlos Ave	N/A	0.18	Improve lighting (reach out to neighborhood for input).
Caledonia St	Johnson St	Napa St	N/A	0.34	Study feasibility of curb extensions and parklets (reach out to neighborhood and business owners for input).
Laurel Ln Stairs	Woodward Ave	Laurel Ln	N/A	0.08	Stair maintenance (reach out to neighborhood for input).
Maple St	Bridgeway	Woodward Ave	N/A	0.02	Clear vegetation from roadway and construct bicycle-friendly staircase (reach out to neighborhood for input).
Spring St Stairs	Spring St	Liberty Ship Way	N/A	0.02	Construct bicycle-friendly staircase to connect streets (reach out to neighborhood for input).
Nevada St	N/A	N/A	N/A	N/A	Install yellow high-visibility crosswalks near Willow Creek Academy (Buchanan Dr, Lincoln Dr/Marin Ave, Wateree St, and Willow Creek Academy Entrance).
Spencer Ave Stairs	Spencer Ave	Prospect Ave	N/A	0.10	Stair maintenance and improved lighting (reach out to neighborhood for input).
Spencer Ave Undercrossing	Monte Mar Drive	Morning Star Trail	N/A	N/A	Improve lighting in tunnel and near southbound Spencer Avenue bus stop (reach out to Caltrans for approval and maintenance agreement).
	San Carlos Ave	Bulkey Ave	N/A	N/A	Improve lighting as part of citywide bicycle and pedestrian maintenance and study feasibility of an all-way stop (reach out to neighborhood for input).

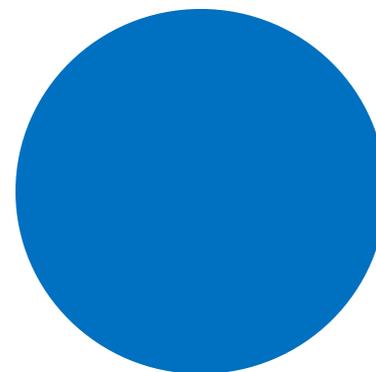
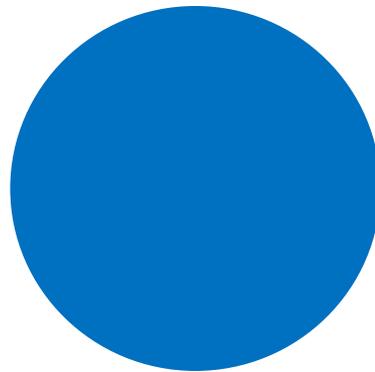
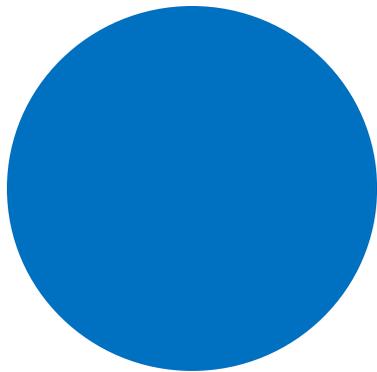
# Proposed Projects





# 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

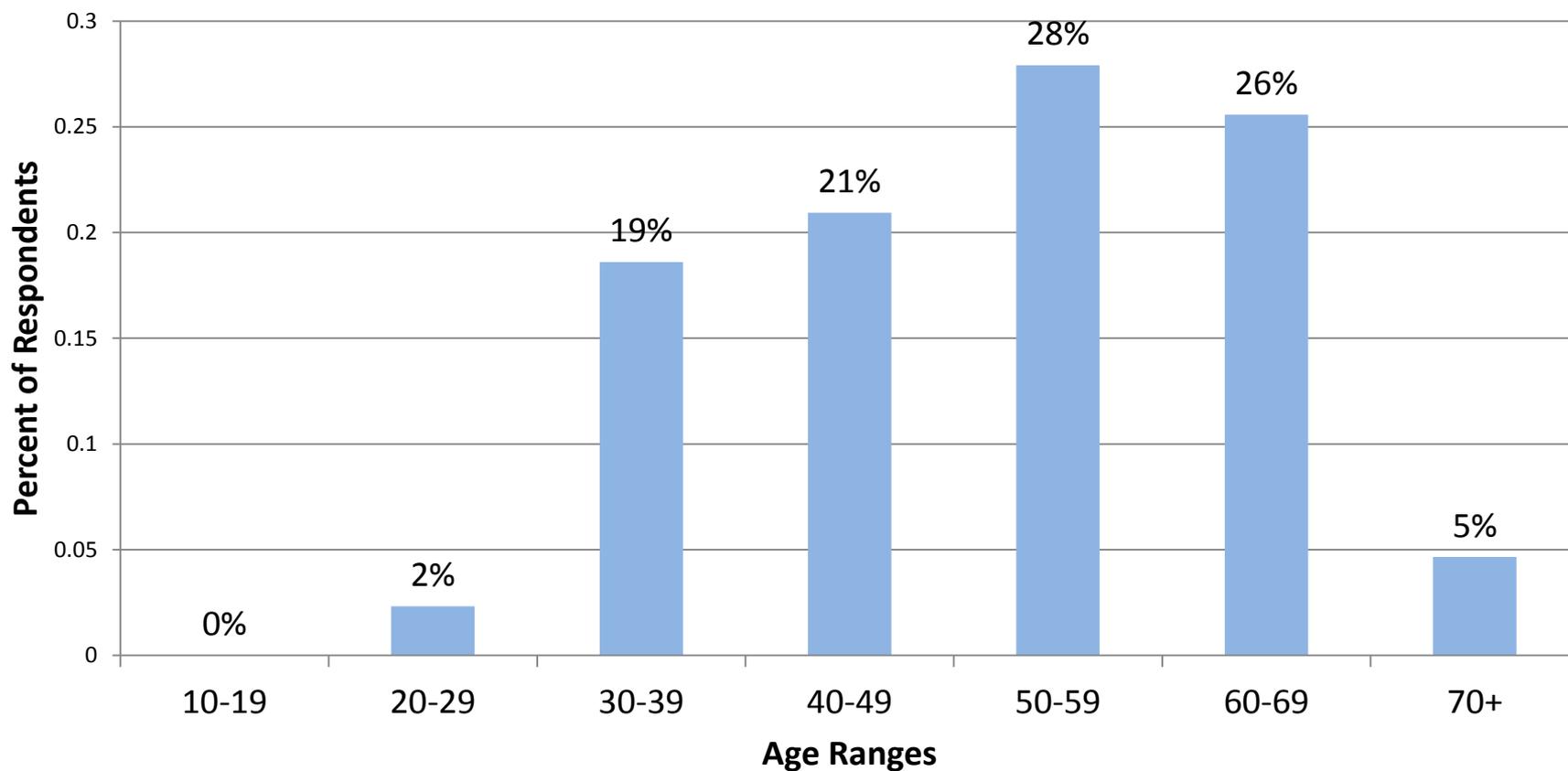
- 1 Cost Estimates
- 2 Project Prioritization
- 3 Draft Report
- 4 Review Period (Mid 2015)
- 5 Final Report
- 6 City Council Approval

# Appendix Slides



# Online Survey Results

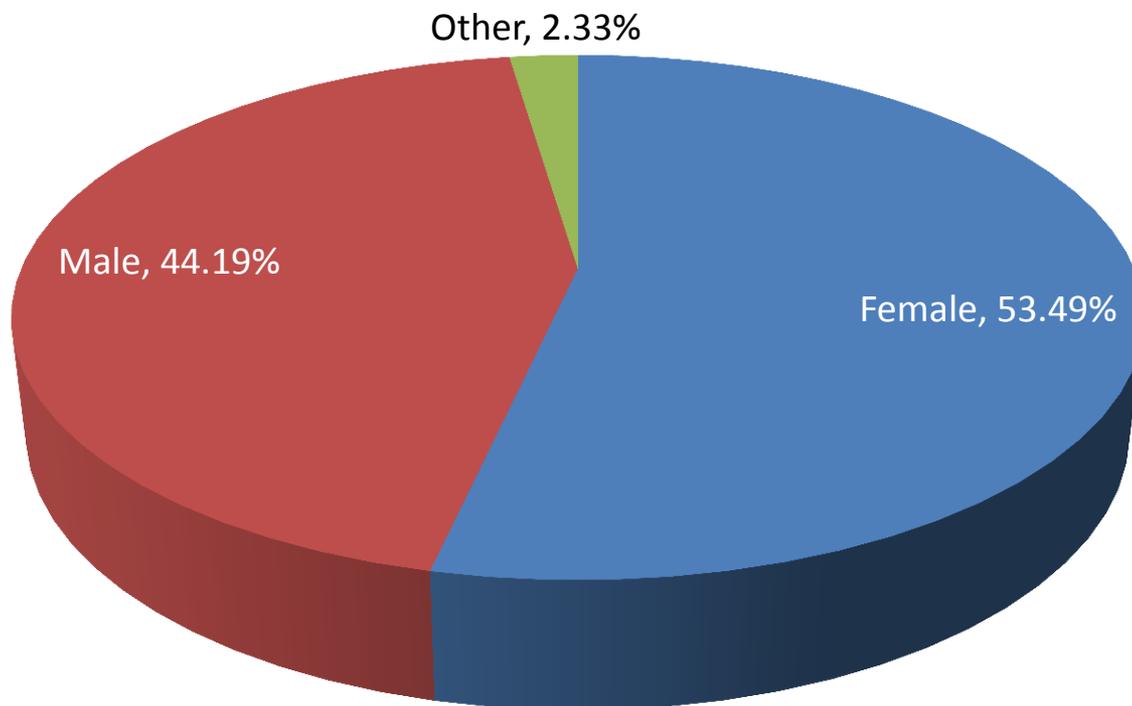
## Age of Respondents



# Online Survey Results



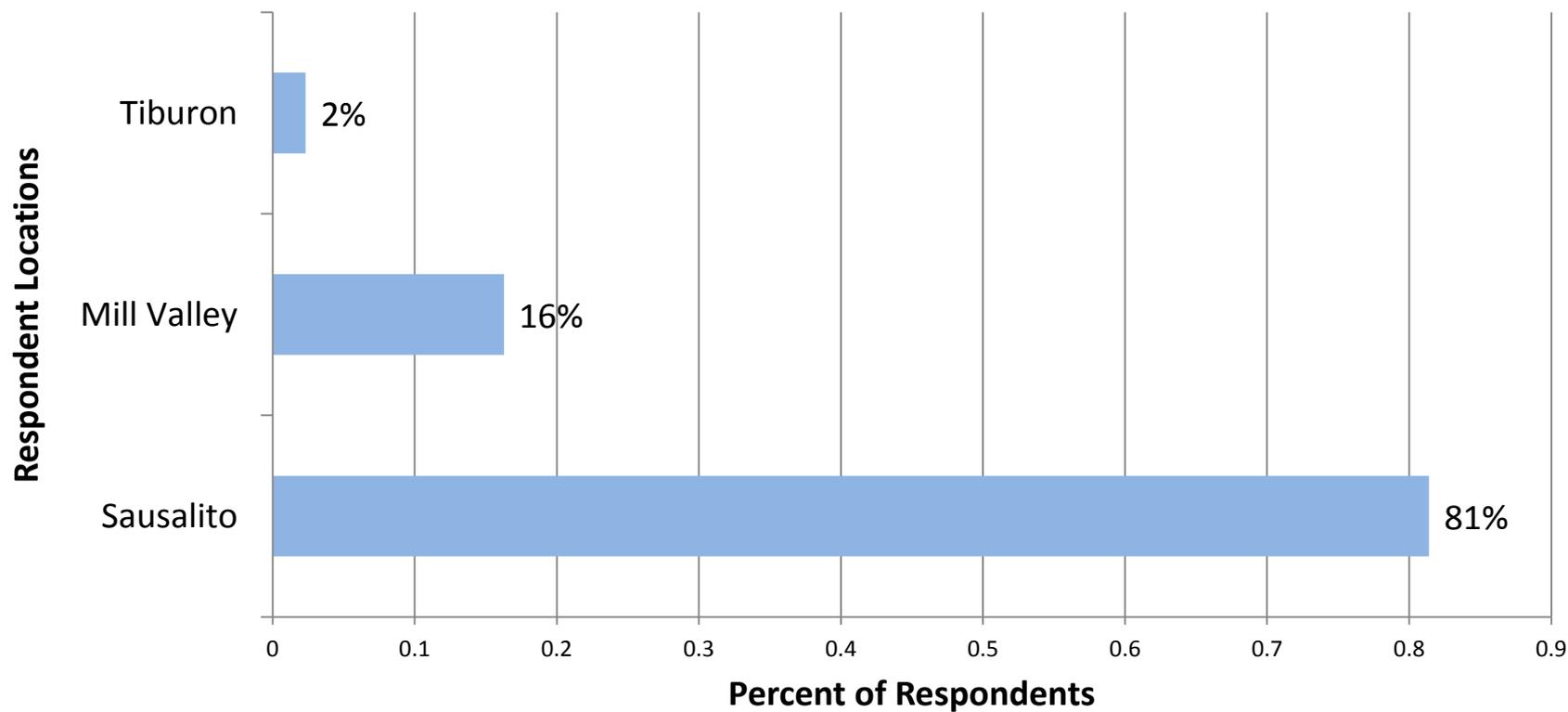
## Gender of Respondents





# Online Survey Results

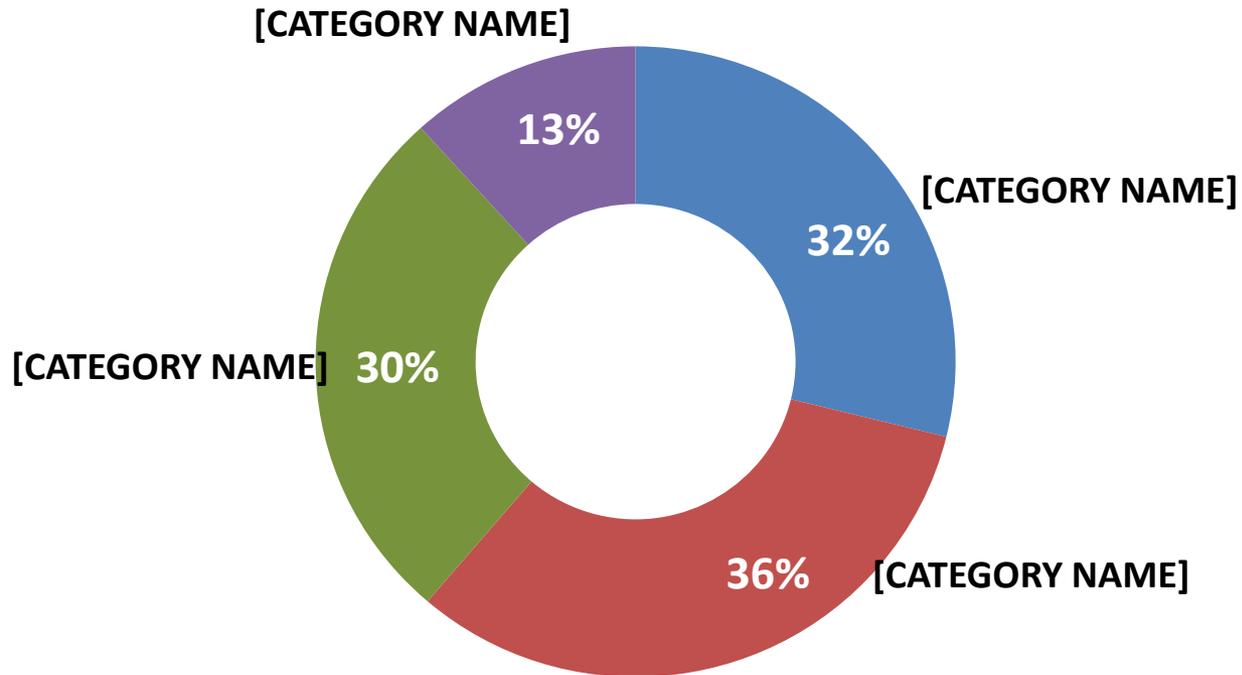
## Location of Respondents



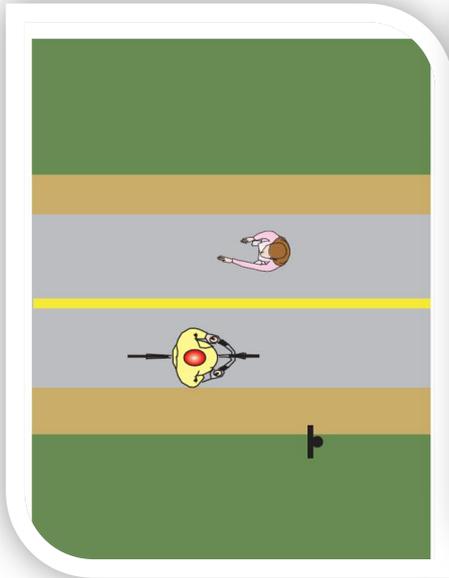


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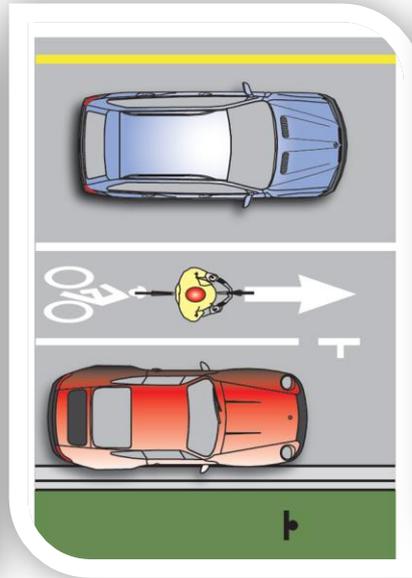
## Types of Bicyclists



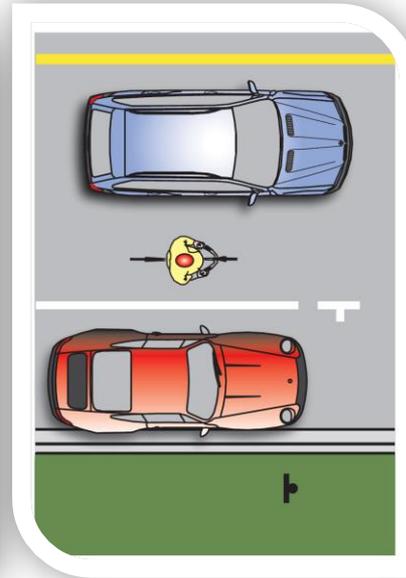
# TERMINOLOGY



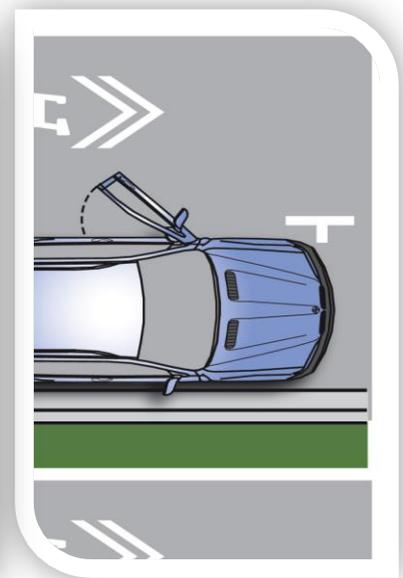
**CLASS I**  
SHARED USE PATH



**CLASS II**  
BICYCLE LANE



**CLASS III**  
BICYCLE ROUTE



**CLASS III**  
SHARED LANE  
MARKINGS



# PROTECTED BIKEWAYS



**2-WAY  
CYCLETRACK**



**RAISED  
CYCLETRACK**

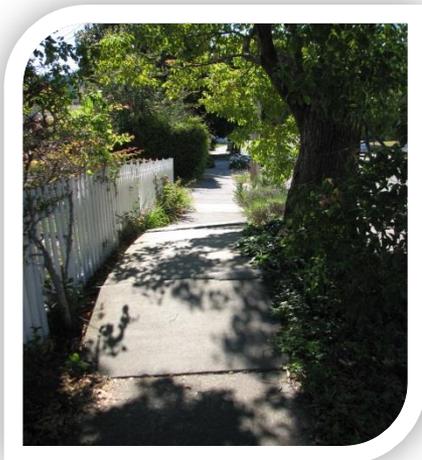


**1-WAY  
CYCLETRACK**



# TYPICAL PEDESTRIAN ISSUES

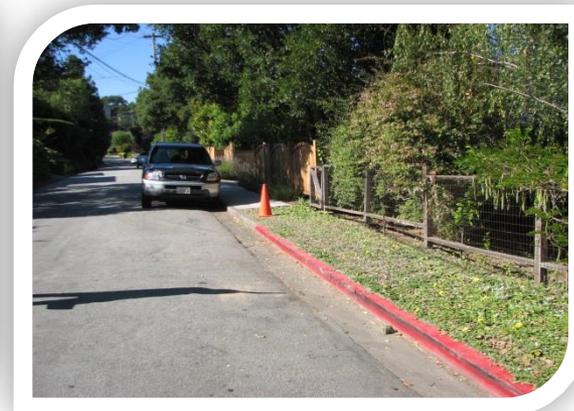
UNEVEN SIDEWALKS



SCHOOL AND TRANSIT ACCESS



LACK OF SIDEWALKS



ADA ACCESSIBILITY



DIFFICULT INTERSECTION CROSSINGS





# TYPICAL BICYCLE ISSUES

**BICYCLE PARKING**



**TOURISM / CROWDS**



**VARIOUS SKILL LEVELS**



**TRAIL ETIQUETTE**

