

BICYCLE SURVEY REPORT - 2012-07-09
StanCOG BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE
REPORT - SUMMARY

232-43\bike survey final report summary
2/15/2012 rev 7/9/2012 ptd 8/1/2012

PURPOSE OF REPORT

To report data and opinions from the general bicycling public regarding their uses of and feelings about bicycling as an element of non-motorized transport.

METHOD

The survey was developed by BPAC members--several of whom are cycling enthusiasts. This information was obtained through an on-line survey [created through Survey Monkey] which was linked to the StanCOG website, as well as linked to local bicycle-advocacy organizations. The collected data was compiled by StanCOG staff, and summarized and rendered into a summary format by the BPAC.

PURPOSE OF SURVEY AND DATA COLLECTION

The survey was designed and implemented to collect opinions from the general bicycling public regarding their uses of and feelings about such non-motorized transport.

The data collected is intended for members of the Bicycle Pedestrian Advisory Committee [BPAC] to use in making presentations to local city councils and the Stanislaus County Board of Supervisors. This information will show these governing bodies the level of cycling transport interest in each jurisdiction. Further, this information should shape the jurisdictions' planning for and expenditures on bicycle-related transport-related items as well as other non-motorized elements of the overall transportation plan.

DATA DESIRED

The survey questions were designed to elicit opinions regarding the ease or difficulty encountered by local residents in using bicycles for various transit needs and recreation, as well as the respondents' opinions regarding the local cycling infrastructure.

MISCELLANEOUS

This survey was designed and implemented solely as an on-line instrument. A flyer--inviting participation in the survey--was developed by BPAC and StanCOG staff and distributed to the Modesto Public Library, bicycle shops and organizations, Modesto and Ceres high school libraries, health food shops, sporting goods and outdoor shops, and fitness centers. Approximately 2000 flyers were distributed between April and October 2011. This report contains responses from 222 individuals--a return rate of about 11.1 percent.

FORMAT OF THE REPORT

The report was produced in two formats: Summary and Full.

Summary Report	Full Report
<u>Overall Data 1</u> This section shows the responses to the multiple-choice questions - Questions 1-7, and 10-13.	
<u>Overall Data 2</u> This section shows the aggregated results of the anecdotal questions - Questions 8, 9 and 14.	
The final section, <u>Appendices by Jurisdiction</u> shows the individual responses to each of Questions 8, 9, and 14--separated by residence jurisdiction. They were not included in the body of the summary report for compactness. [Any of these page sets may be distributed along with the summary report as desired.]	The <u>Appendices by Jurisdiction</u> sections are contained in the body of the full report.

OVERALL DATA 1

<u>1] Respondants' Residences</u>			<u>Location</u>		
<u>Location</u>	<u>Percentage</u>	<u>Persons</u>	<u>Percentage</u>	<u>Persons</u>	
Ceres	2.9%	6	Patterson.....	2.9%	6
Hughson	3.4%	7	Riverbank.....	4.8%	10
Modesto	61.4%	127	Turlock.....	10.1%	21
Newman.....	0.5%	1	Waterford	1.0%	2
Oakdale	11.1%	23	County	1.9%	4
			Other [outside County]	6.8%	15

From this, it can be seen that residents of Modesto, Turlock, and Oakdale accounted for the bulk of the responses [over 82 percent]. [All figures do not total 100 percent due to skipped questions, multiple responses, and rounding of amounts.]

- 2] *Are you a member of a cycling club or bicycle advocacy organization?*
- a. Yes39.1%
 - b. No60.9%
- 215 responses/7 skipped
- 3] *Why do you bike? [check all that apply]*
- a. For health/exercise93.6%
 - b. For enjoyment88.1%
 - c. For environmental and/or social reasons40.8%
 - d. To get to work28.9%
 - e. To get to school6.9%
 - f. To get to public transit4.8%
- 218/4
- 4] *Are a majority of your bicycle trips for*
- a. work12.4%
 - b. errands7.8%
 - c. recreational79.8%
- 218/4

- 5] *What are the average number of days per week that you ride?*
- a. 1-222.4%
 - b. 3-449.1%
 - c. 5-625.2%
 - d. 73.3%

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- 6] *What is the average distance of your rides [one way]?*
- a. Less than 2 12.8%
 - b. 3-522.5%
 - c. 6-1018.3%
 - d. 11+46.3%

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- 7] *What prevents you from biking more? [check all that apply]*
- a. I have too much to carry 17.1%
 - b. I travel with small children or passengers9.0%
 - c. Bikeways/roadways in poor condition.....55.7%
 - d. Absence of bike lanes/paths68.6%
 - e. Insufficient parking or storage27.1%
 - f. Destinations too far away 15.7%
 - g. Weather23.3%
 - h. Erratic schedule, work "on call", or "work at night" 14.8%
 - i. I'm content, no change needed.....6.2%

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- 10] *Would the following improvements influence you to bike more often? [check all that apply]*
- a. More bike lanes [separate lanes] on major streets.85.1%
 - b. More bike routes72.1%
 - c. More paved [off-street] bike paths67.4%
 - d. Bicycle boulevards [shared roadways designed w/ priority to cyclists]56.7%
 - e. Widen outside/curb lanes on major streets [easier to share lanes w/ cars] .65.6%
 - f. More on-road bike signage.....51.6%
 - g. More education, encouragement, and enforcements programs56.3%
 - h. Increase maintenance39.5%
 - i. More bicycle parking/storage31.2%
 - j. Showers and lockers at work18.6%

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- 11] *Have you participated in any of the following resources or programs? [check all that apply]*
- a. Education programs for motorists40.0%
 - b. Education programs for all levels of K-12 school students35.0%
 - c. Education programs covering health benefits of cycling63.3%

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12] *Please rate your level of interest in seeing these bicycling programs be developed [left = very interested, right = not at all interested]. ["Average" ratings shown as value based on 4]*

	Very Interested	Average
a. Education programs for motorists	60.8%	1.71
b. Education programs for law enforcement personnel	44.3%	2.01
c. Education programs for all levels of K-12 students.	58.9%	1.63
d. Public awareness campaign focused on bicyclists' rights.	65.5%	1.54
e. User-friendly bicycle maps and guides	54.7%	1.71
f. Incentive programs to encourage cycling	54.6%	1.74
g. Cell phone or GPS-friendly route guides.	34.5%	2.20

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13] *Please rate your level of interest in participating in the development of any of these bicycling programs.*

- a. Highly interested30.8%
- b. Interested35.1%
- c. Somewhat interested23.6%
- d. Not interested10.6%

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OVERALL DATA 2

The following tables show the condensed overall [all jurisdictions] results to Questions 8, 9, and 14.

8) *Which Stanislaus County/City roads are not bike friendly or are unsafe?*

The responses to this question were separated into two tables:

Q08a Roads Seen as Dangerous to Cyclists [three pages]

Q08b Street Conditions - Dangerous to Cyclists [one page]

9) *Which Stanislaus County/City intersections/overpasses are not bike friendly or are unsafe?*

Q09 Bridges/Overpasses/Intersections - Dangerous [one page]

14) *Other comments or suggestions regarding bicycle safety, education, environment, or resources.*

Q14 Suggestions for Improvement [one page]

[Overall Data 2 tables follow the next heading.]

APPENDICES - DATA PER JURISDICTION

[full anecdotal responses]

These appendices show the actual anecdotal responses for each question, separated by jurisdiction. Many of the responses offer comments of areas other than their jurisdiction of residence. The appendices have not been edited for accuracy, spelling, grammar, or content--except in a very few cases where spelling was corrected.

Ceres	2 pages
Hughson	2 pages
Modesto	20 pages
Newman	1 page
Oakdale	4 pages
Patterson	1 page
Riverbank	2 pages
Turlock	4 pages
Waterford	1 page
County in General/Visitors	2 pages

[Appendices by Jurisdiction are sets of separate pages: "appx ceres", etc.] Any of these pages may be distributed along with Report - Summary as desired.

Q 08a: ROADS SEEN AS DANGEROUS TO CYCLISTS

	Safe o/all width	Needs bike lane striping [or striping is erratic]	Trash, paving issues	Other safety, incl traffic	Total items
09th St, Modesto.....				2	2
26-mile Rd - Oakdale	2	1	1	1	5
28-mile Rd - Oakdale	1	1	1	1	4
Albers Rd NOI	1			1	2
Albers Rd--McHenry to Escalon		1			1
All roads	1	1			2
Bacon Rd--west end			1		1
Bangs--McHenry to Carver	1				1
Beckwith/Standiford NOI				2	2
Blaker Road, Ceres		1			1
Briggsmore Ave NOI	1	3		4	8
Canal Rd, Turlock.....				1	1
Carpenter Rd NOI	1			2	3
Carver Rd NOI	2	2		2	6
Ceres roads - all.....				2	2
Cities--all of them in the county	2	2			4
Claratina NOI.....	3	1		1	5
Claribel Rd NOI.....	1	2		4	7
Claus NOI.....				5	5
Coffee Rd NOI	1	4		3	8
Cooperstown Rd.....			1		1
County roads NOI	1	1	1	6	9
Dale Rd NOI.....		1		2	3
Daubenburger, Turlock.....				1	1
Del Puerto Canyon.....				1	1
Diablo Grande				1	1
Donkin Rd - Patterson.....			1		1
East Ave--Quincy to Berkeley -Turlock	1				1
El Vista.....	1			1	2
Emerald NOI	1				1
F St in Oakdale.....	2			3	5
Floyd NOI	1	1			2
Frankenheimer Rd - Oakdale.....			2		2
Fulkerth Rd, Turlock.....				1	1
G St, Modesto		1	1	2	4
Geer Rd NOI	2	2		2	6
Golden State Blvd, Turlock.....	1	1		2	4
H St NOI, Modesto			1	2	3
Hammett NOI.....				2	2
Hart Rd				1	1
Hatch Rd NOI	1			1	2
Hickman Rd - Turlock.....				1	1
Kansas NOI.....	2	1			3
Keyes Rd NOI.....	2			3	5
Kiernan-Claribel	2				2
Ladd Rd NOI.....				1	1
Lake Road, Hickman				1	1

Laloma Park area				3	3
Langworth	1		1	1	3
Lone Tree.....	1	1			2
Main St, Turlock				1	1
Maze NOI.....				2	2
McHenry NOI - in Modesto and SR 108 to Escalon....	2	5		16	23
Milnes Rd NOI.....	7	2		5	14
MJC Area.....				1	1
Modesto in general.....			1	2	3
Modesto north-south roads				2	2
Modesto streets [downtown]		1		7	8
Modesto west side roads.....	1	1		1	3
Monte Vista, Turlock.....		1		3	4
Needham NOI				2	2
Oakdale city roads NOI	1	1		1	3
Oakdale Rd NOI	4	6	1	17	28
Oakdale--rural roads.....	1	1		1	3
Olive St, Oakdale				1	1
Orange Blossom Rd NOI.....	3			6	9
Orangeburg NOI.....		3		3	6
Paradise Rd NOI.....				1	1
Patterson area roads	1	1			2
Patterson Rd NOI.....	7	3		6	16
Pelandale NOI		1		7	8
Pirrone Rd NOI.....		1	1	1	3
Quincy - Turlock.....	1		3		4
Raines Rd - Patterson.....			1		1
River Rd NOI.....	1			2	3
River Rd--Riverbank.....	1	1			2
River Road - West side				1	1
River Road--Riverbank to Oakdale.....	1			1	2
Riverbank--rural roads.....	1	1		1	3
Rock River Rd			1		1
Rodden Rd.....	2			1	3
Rogers Rd - Patterson.....	1		1	1	3
Roselle NOI.....				1	1
Rosemore NOI.....	1				1
Rural roads NOI.....	1	1		2	4
Santa Fe Ave NOI.....	1	1		1	3
Scenic by the cemetery/hospital.....	5	1		3	9
Scenic NOI.....		3		11	14
Service Road, Ceres.....				2	2
Sisk Rd NOI	4	4		2	10
Sperry Ave				1	1
SR 033	1	1			2
SR 033--Westley to Patterson	1				1
SR 108 [rural] east from Oakdale.....				1	1
SR 108 east of downtown Oakdale.....	1			2	3
SR 108 rural	3	3			6
SR 108--Jamestown to Knights Ferry	1	1			2
SR 120/Yosemite in Oakdale.....				1	1
SR 132 east from Modesto.....				2	2

Standiford NOI.....				2	3	5
Sylvan NOI.....					3	3
Tim Bell Rd.....			1			1
Tully Rd NOI - Modesto.....			2		3	5
Turlock - downtown.....					1	1
Turlock--all roads.....					1	1
Turlock--county roads.....	1	1	1		1	4
Turlock--roads west of SR 99.....	1				1	2
Valley Home Rd north to Dodds.....		1				1
Warnerville Rd - Oakdale.....			2			2
Waterford-Oakdale Hwy.....	1					1
Whitmore Ave NOI.....	1				2	3
Wilms Rd--SR132 to south of SR 108.....			1			1
Woodland NOI.....	1				1	2
Yosemite NOI.....					2	2
Yosemite/SR 132 east of Empire.....	1					1
Yosemite--east to Bonds Flat Rd.....					1	1

Q 08b: STREET CONDITIONS - DANGEROUS TO CYCLISTS

	Nr	Comments
Bike lanes - none, or intermittent along a given street.....	10	
Bus bike racks--should carry 3+ bikes.....	2	
Connecting roads between cities--not bike-friendly.....	8	
Cyclists ride wrong-way [in and out of bike lanes].....	2	
Dogs loose/not on leash.....	1	
Drivers driving in bike lanes.....	2	
Drivers hostile, lack respect, discourteous.....	16	
Drivers ignoring rules and laws, reckless, sloppy.....	10	
Drivers Inattentive--cell phones, radios, GPS, etc.....	3	
Drivers speeding--not enforced.....	1	
Drivers throwing objects at cyclists.....	1	
Drivers throwing trash on streets.....	3	
Education--cyclists.....	2	
Education--motorists.....	3	
Paint-line bike lanes insufficient--need physical separation.....	2	
Parking for bikes, not safe/secure.....	3	
Pedestrian traffic controls not readily accessible to cyclists.....	5	
Police appear antagonistic toward cyclists.....	1	
Roadway--narrow.....	2	
Rubbish in streets/bike lanes--esp. sharp materials.....	9	
Sensors [for traffic lights] not tuned to bicycles.....	12	
Shoulders - none or too narrow.....	7	

Q 09: BRIDGES/OVERPASSES/INTERSECTIONS--DANGEROUS

	Safe o/all width	Needs bike lane stripe [or striping is erratic]	Trash, paving issues, other safety, traffic	Total items
Bridge - River Rd/SR108 bridge in Oakdale	1	1		2
Bridge - Santa Fe at Lakewood Cemetery [Tuolumne R]	3		1	4
Bridge - Yosemite/SR 120 over Stanislaus R.....			2	2
Bridges - [county] over rivers			1	1
Intersection - Carpenter/Standiford.....			1	1
Intersection - College Ave near MJC.....			2	2
Intersection - Dale/Sisk		1	1	2
Intersection - Floyd/Millbrook			1	1
Intersection - Golden State/Geer, Turlock.....			2	2
Intersection - Kiernan/Dale			2	2
Intersection - McHenry/J/17th/Downey/Needham [5 pts]		1	4	5
Intersection - Milnes/Albers			1	1
Intersection - Monte Vista/Golden State, Turlock.....			1	1
Intersection - Pelandale/Dale			2	2
Intersection - Rumble/Prescott				-
Intersection - SR108/Crane Rd in Oakdale			1	1
Intersection - Sylvan/Oakdale			1	1
Intersection - Vintage Faire Mall vicinity			1	1
Intersection - Yosemite/Stearns in Oakdale			1	1
Intersections - along Briggsmore.....	7	5	14	26
Intersections - along F in Oakdale.....			3	3
Intersections - along Scenic	1		6	7
Intersections - along Standiford	1	1	9	11
Intersections - Four-way in Turlock			1	1
Overpass - Beckwith/Standiford over SR99.....		1	5	6
Overpass - Briggsmore/Carpenter over SR99	5	6	8	19
Overpass - Broadway-Kiernan over SR99		1	4	5
Overpass - Jack Tone over SR99.....			4	4
Overpass - Kansas Ave over SR 99.....	1	1	4	6
Overpass - Maze/L St over SR99.....			4	4
Overpass - Pelandale over SR99.....		1	4	5
Overpass - Service Rd over SR99	1	1	4	6
Overpass - Woodland-Coldwell over SR99	2	2	5	9
Overpass [all] NOI	1	1	1	3
Roundabouts are dangerous.....	6			6
Traffic signals - change too fast J/14th.....			1	1
Traffic signals -change too fast Prescott/Rumble.....			1	1
Traffic signals - Hatch/Mitchell			1	1
Traffic signals - Riverbank.....			1	1

Q 14: SUGGESTIONS FOR IMPROVEMENT

	Nr comments
AB1358--implement it	1
Education - for all - all rules of the road.....	4
Education - no... Just separate bikes and cars.....	1
Education - school programs for bicyclists	4
Funding - seek grants for cycling-related items	1
Helmets - mandatory for all	2
Homeless - Clear-out from Dry Creek [assaults, etc].....	2
Laws - enforce cyclists' rights, no cellphones, all laws	7
Laws - need three-foot passing distance minimum	1
Locales to look at: Bay Area	2
Locales to look at: Boise, ID.....	1
Locales to look at: Chico.....	1
Locales to look at: Davis	1
Locales to look at: Folsom.....	1
Locales to look at: Fort Collins, CO	1
Locales to look at: Livermore.....	1
Locales to look at: Oregon.....	1
Locales to look at: Pleasanton.....	1
Locales to look at: Sacramento	1
Parking - in bike lanes - stop them	1
Parking - more bike lockers, secure bike racks.....	5
Parking - Park and Ride [bikes] at local churches	1
Police + cyclists must work together - no hostility	2
Projects - Bike routes to schools--well-marked	2
Projects - BMX park [Oakdale]	1
Projects - Bridge [ped/bike] over Tuolumne R at regional park.....	1
Projects - favor transport over recreation in granting permits, etc	1
Projects - more bike lanes.....	4
Projects - when repaving/resurfacing, widen road	3
Publish "Share the Road" campaign - for all	1
Publish [wider reach] all road rules [news, radio, schools]	1
Route needed: along Stanislaus R.....	1
Route needed: along Tuolumne R.....	1
Route needed: bike lanes between Westley and Grayson.....	1
Route needed: Ceres to Modesto	1
Route needed: Kewin Park to Virginia Corridor.....	1
Route needed: Modesto to Ripon	1
Route needed: North-South across Modesto	1
Route needed: Stan R Kerwin Park to Oakdale Rec Area	1
Route needed: Use canal roads	1
Route needed: Virginia Corridor to North County	1
Signage - Virginia Corridor bike path needs improvement.....	2
Signage, improved, general--directed at motorists	2
Signals to allow bikes in intersection before cars	1
Streets - better clean-up.....	3
Streets - close some downtown streets to auto traffic.....	1
Streets - more one-way streets downtown Modesto.....	1
Streets - need more bike lanes	2
Tracking system--w/ cell-/smart phone/GPS for bus info	1