



SHAKER HEIGHTS

Bike Plan Survey Results Summary

- Survey conducted September–October 2012
- 396 responses
- Responses fairly evenly split between casual cyclists that ride occasionally and serious cyclists that ride regularly
- Most respondents ride for recreation (79%) and exercise (67%)
- Twenty-seven percent (27%) commute to work by bicycle

Most survey respondents are interested in improving conditions for cyclists in Shaker Heights. The primary concern for most is **safety** for themselves and their children. The fear of riding on Shaker's busier streets keeps some people off bikes. Other deterrents mentioned were Shaker's bicycle helmet law and dangerous storm grates.

According to the survey, **bike lanes** will encourage the most biking. Bike lanes are perceived as the safest, most effective way for Shaker Heights to accommodate bicyclists. When asked what bike route elements are most important, bike lanes were considered most important and wayfinding signs the least.

Many respondents supported the removal of parking on South Woodland in order to install bike lanes, stressing that bike lanes are preferable to sharrows, which are viewed as less effective. Alternatives suggested included bike lanes on Shaker Boulevard or Shelburne (to continue the North Park Boulevard bike lanes).

The most desirable cycling destinations include the parks, Shaker Town Center, Shaker Square, libraries and schools. Respondents supported the idea of having a **bike map** available online or at the library that shows the location of bike lanes and sharrows, biker amenities, local landmarks, traffic conditions and the location of the safest routes. Survey responses indicate that **bike racks** are needed most at Shaker Town Center, Shaker Square, libraries, schools, parks, RTA stations and the Larchmere district. It was noted that many of the existing bike racks around town are positioned too close to walls and cannot be used properly.

Most respondents feel that **education** will be beneficial to improving biking conditions in Shaker Heights. Bikers feel motorists need education and motorists feel bikers need education. Adding bike safety to school curriculum was a popular suggestion as was implementing some type of online resource.

Shaker Heights Bike Plan Survey Results

Survey Name: Bike Plan Survey Sept 2012

10/31/2012 9:38 AM EDT

Are you a Shaker Heights resident?

	Number of Response(s)	Response Ratio
Yes	370	93.4%
No	26	6.5%
No Responses	0	0.0%
Total	396	100%

Do you currently ride your bicycle in Shaker Heights?

	Number of Response(s)	Response Ratio
Yes	303	76.5%
No	82	20.7%
No Responses	11	2.7%
Total	396	100%

How often do you ride your bicycle?

	Number of Response(s)	Response Ratio
Rarely/almost never	39	9.8%
Occasionally - several times per year	70	17.6%
Monthly - at least once per month	43	10.8%
Fairly regularly - several times per month	74	18.6%
Regularly - at least once per week	66	16.6%
Daily (or pretty close to it)	42	10.6%
No Responses	62	15.6%
Total	396	100%

Approximately how long is your average bicycle ride?

	Number of Response(s)	Response Ratio
3 miles or fewer	118	29.7%
4-9 miles	116	29.2%
10-14 miles	38	9.5%
15+ miles	49	12.3%
No Responses	75	18.9%
Total	396	100%

How would you describe your bicycling? (select as many as apply)

	Number of Response(s)	Response Ratio
Recreation	252	78.5%
Exercise	214	66.6%
Commuting	88	27.4%
Shopping/errands	81	25.2%
Other	12	3.7%
Total	321	100%

What type of route do you typically ride on? (select as many as apply)

	Number of Response(s)	Response Ratio
Neighborhood streets	269	83.8%
Collector streets (South Park, Lomond)	171	53.2%
Major routes (Shaker, Van Aken, Warrensville)	127	39.5%
Off-road paths	123	38.3%
Other	19	5.9%
Total	321	100%

Do you bicycle to other transportation modes to get to your destination (i.e. bus, rapid)?

	Number of Response(s)	Response Ratio
Yes	27	6.8%
No	299	75.5%
No Responses	70	17.6%
Total	396	100%
25 Comment(s)		

Which of the following would encourage you to bicycle more often? (select as many as apply)

	Number of Response(s)	Response Ratio
Bike Route signs	156	46.7%
Share the Road signs	167	50.0%
Bikes May Use Full Lane signs	144	43.1%
Bike lanes	284	85.0%
Sharrows (share the road arrows)	122	36.5%
Wayfinding signage	126	37.7%
More bike racks	125	37.4%
None of the above	16	4.7%
Other	26	7.7%
Total	334	100%

Rank these bike route elements in order of importance:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.

	Most Important					
	1	2	3	4	5	6
Bike lanes	249 78%	26 8%	17 5%	11 3%	6 2%	9 3%
Bike Route signs	15 5%	90 28%	59 19%	37 12%	80 25%	37 12%
Bikes May Use Full Lane signs	26 8%	82 26%	51 16%	62 19%	50 16%	47 15%
Share the Road signs	17 5%	52 16%	78 25%	88 28%	51 16%	32 10%
Sharrows	5 2%	48 15%	70 22%	73 23%	67 21%	55 17%
Wayfinding signage	6 2%	20 6%	43 14%	47 15%	64 20%	138 43%

69 Comment(s)

South Woodland could be a major east-west bike route. Installing bike lanes would require eliminating on-street parking, which is currently allowed in some places on the south side of the street. Would you support removing parking on South Woodland to add bike lanes?

	Number of Response(s)	Response Ratio
Yes	259	65.4%
No	39	9.8%
Not sure	40	10.1%
No Responses	58	14.6%
Total	396	100%

84 Comment(s)

If parking were to remain on South Woodland, sharrows could be used to mark the bike route instead. Would you support sharrows as an alternative to bike lanes on South Woodland?

	Number of Response(s)	Response Ratio
Yes	123	31.0%
No	111	28.0%
Not sure	98	24.7%
No Responses	64	16.1%
Total	396	100%

85 Comment(s)

Which would make you feel more comfortable while riding on South Woodland - sharrows or bike lanes?

	Number of Response(s)	Response Ratio
Bike lanes	279	70.4%
Sharrows	24	6.0%
Neither	33	8.3%
No Responses	60	15.1%
Total	396	100%

Some communities post signs at intersections along bike routes to direct cyclists to major destinations, such as schools, parks and libraries. How important is it to have wayfinding signage that indicates destinations?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.

	Very important	Somewhat important	Not important
	38	145	141
	12%	45%	44%

How likely would you be to bicycle to the following destinations?

1 = Likely, 2 = Maybe, 3 = Not Likely

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.

	1	2	3
Horseshoe Lake Park	261 80%	45 14%	21 6%
Shaker Heights High School	155 50%	58 19%	97 31%
Shaker Heights Middle School	120 39%	69 23%	116 38%
Shaker Town Center	162 52%	76 24%	76 24%
Shaker Heights Main Library	178 56%	75 24%	66 21%
Bertram Woods Branch Library	154 49%	80 25%	80 25%
Shaker Lakes Nature Center	227 70%	71 22%	25 8%
Thornton Park	188 59%	71 22%	59 19%
Shaker Square	218 66%	64 20%	46 14%

Would having a map of Shaker Heights bike routes available online or at the library help you plan your trip and make you more likely to bike around town?

	Number of Response(s)	Response Ratio
Yes, definitely	178	44.9%
Maybe	75	18.9%
Probably not	81	20.4%
No Responses	62	15.6%
Total	396	100%

Would bicycle racks at destinations throughout Shaker Heights encourage you to bicycle more often?

	Number of Response(s)	Response Ratio
Yes, definitely	188	47.4%
Maybe	99	25.0%
Probably not	47	11.8%
No Responses	62	15.6%
Total	396	100%

Would it be beneficial to have an educational program that teaches cyclists (adults and/or children) the rules of the road?

	Number of Response(s)	Response Ratio
Yes, definitely	182	45.9%
Maybe	105	26.5%
Probably not	44	11.1%
No Responses	65	16.4%
Total	396	100%
90 Comment(s)		

Are you:

	Number of Response(s)	Response Ratio
Male	177	44.6%
Female	157	39.6%
No Responses	62	15.6%
Total	396	100%

Please indicate your age group:

	Number of Response(s)	Response Ratio
10-19	6	1.5%
20-29	21	5.3%
30-39	57	14.3%
40-49	135	34.0%
50-59	75	18.9%
60+	41	10.3%
No Responses	61	15.4%
Total	396	100%