LESSONS FROM THE GREEN LANES: EVALUATING PROTECTED BIKE LANES IN THE U.S.

FINAL REPORT: APPENDIX B SURVEY FREQUENCIES/RESULTS

NITC-RR-583

by **Portland State University**

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1 RESIDENT SURVEY: AUSTIN – BARTON SPRINGS

1.1 About How You Get Around

		Commute Tr	ips	
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	64%	19%	17%	88
Walking	5%	37%	59%	82
Bicycling	15%	23%	62%	82
Public Transportation	1%	32%	67%	81
Other	7%	3%	90%	29

	Other Tri	ps (e.g. to the etc.)	store, parl	ζ,
1b. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	63%	36%	1%	89
Walking	6%	87%	7%	84
Bicycling	6%	61%	33%	80
Public Transportation	0%	43%	58%	80
Other	3%	10%	87%	31

2. Compared to two years ago, are you taking more or fewer trips by each	More	No	Fewer	
mode of transportation?	Trips	Change	Trips	n
Car/truck/motor vehicle (including carpool)	13%	53%	34%	89
Walking	37%	51%	13%	87
Bicycling	39%	45%	16%	84
Public Transportation	17%	63%	20%	82
Other	13%	81%	6%	32

1.2 About Your Neighborhood

 Over the past two years, changes to my neighborhood as a place for 	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	2%	9%	33%	39%	17%	89
driving have been	10%	41%	35%	11%	2%	88
bicycling have been	5%	11%	17%	44%	23%	88
taking public transportation have been	5%	2%	76%	16%	1%	83

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	n
4. Overall, my level of satisfaction with			04	601	
transportation in my neighborhood is	5%	18%	52%	26%	85

1.3 About People You Encounter on the Street

Please indicate if y disagree with the statement	following	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n_
Most drivers follow th road.	e rules of the	10%	27%	44%	19%	0%	90
Most drivers are pr	edictable.	11%	22%	49%	18%	0%	90
Most bicyclists follow to road.	he rules of the	22%	30%	36%	12%	0%	91
Most bicyclists are p	redictable.	14%	26%	46%	12%	1%	91
Most pedestrians follo the road.	w the rules of	6%	19%	52%	23%	1%	91
Most pedestrians are	predictable.	7%	15%	51%	28%	0%	91

1.4 About Bicycling

6. Please indicate whether you agree or disagree with the following statements about bicycling:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Bicycling in my city is a convenient way to get places.	7%	23%	43%	27%	0%	90
Bicycling in my neighborhood is safe.	13%	20%	47%	20%	ο%	90
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	0%	4%	42%	53%	1%	91
I would like to bicycle more often for transportation.	14%	8%	22%	49%	7%	90
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	10%	11%	23%	47%	9%	91
Facilities that encourage bicycling for transportation are a good way to improve public health.	3%	4%	24%	66%	2%	91

7. Whether or not you currently ride a bicycle, please consider how comfortable you would be	Very Uncomfortable					Very Comfortable	
riding a bicycle in each place:	(1)	(2)	(3)	(4)	(5)	(6)	n
(A) On a path or trail separate from the street	0%	ο%	2%	2%	7%	89%	90
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	60%	21%	8%	1%	9%	1%	90
(C) On a similar street to (B), but with a striped bike lane added	10%	17%	20%	26%	20%	8%	90
(D) On a similar street to (B), but with a physically separated bike lane	4%	6%	4%	14%	38%	33%	90

1.5 About the protected bike lanes

8. Because of the protected bike lanes .	Decrease d a lot	Decrease d somewha t	Not change d	Increased somewha t	Increase d a lot	No Opinio n	n
the aesthetic appeal of this street has	9%	17%	37%	17%	17%	4%	9
the <i>safety</i> of DRIVING on this street has	3%	8%	51%	22%	12%	3%	9
the $safety$ of BICYCLING on this street has	1%	2%	6%	35%	52%	3%	8 8
the <i>safety</i> of WALKING on this street has	1%	1%	51%	24%	18%	6%	8 9
the number of people I see riding bikes on this street has	2%	ο%	34%	36%	17%	10%	8
how well the road works for all people has	2%	10%	10%	44%	29%	4%	9

9. Please indicate whether you agree or disagree with the following statements about the effectiveness of the protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' design makes it clear where cars can be and where the designated bicycle lanes are.	2%	4%	23%	69%	1%	90
The buffer effectively separates bikes from cars.	1%	11%	11% 43% 44%		1%	89
The buffer does a good job at protecting bikes from cars.	4%	16%	47%	32%	1%	90
The protected bike lanes improve the predictability of drivers and bicyclists.	8%	9%	39%	42%	2%	90
The protected bike lanes make it clear where bicyclists and pedestrians should be.	3%	2%	27%	67%	1%	90
The protected bike lanes effectively separate bicyclists from pedestrians.	3%	9%	39%	42%	7%	90

11. Over time, my opinion of						
the protected bike lanes has	A Lot More	Somewhat More	No	Somewhat	A Lot More	
become:	Negative	Negative	Change	More Positive	Positive	n
	6%	6%	29%	36%	24%	89

12. Please indicate whether you agree or disagree with the following statements about protected bike lanes.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	6%	6%	29%	57%	2%	89
Overall, I support separating bikes from cars.	1%	2%	11%	82%	3%	87

1.6 About Driving

13. Have you driven a motor vehicle <u>eastbound</u> on this section of the street since the protected bike lanes were built? Yes

 Yes
 No
 n

 99%
 1%
 89

14. Since the protected bike lanes were built	Decrease d a lot	Decreased somewhat	Not changed	Increased somewhat	Increase d a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	34%	32%	11%	11%	3%	8%	88
how safe and predictable bicyclists are acting has	1%	2%	25%	47%	17%	8%	88
how safe and predictable drivers are acting has	1%	3%	39%	42%	8%	7%	88
the amount of time it takes me to drive on the street has	2%	9%	64%	11%	6%	8%	88

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	2%	10%	71%	15%	1%	87
my ability to turn off of this street at signalized intersections has been	5%	29%	56%	10%	0%	87
my ability to turn off of this street into alleys, driveways, and parking lots has been	4%	17%	71%	8%	0%	86
my ability to pull onto this street from alleys, driveways, and parking lots has been	4%	13%	74%	8%	1%	85

Please indicate if you agree or disagree with the following statements about turning across the cycle tracks.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinion	<u>n</u>
When I want to make a left turn (across the cycle track), I am able to adequately see if there are any approaching cyclists in the bike lane	3%	5%	42%	42%	8%	88
When I want to make a right turn (across the cycle track), I am able to adequately see if there are any approaching cyclists in the bike lane	3%	13%	48%	32%	5%	88

__17. Do you avoid driving on this street because of the protected bike lanes? Yes No $_{96\%}$ $_{4\%}$ $_{84}$

1.7 About Bicycling in the protected bike lanes

18. Have you bicycled <u>eastbound</u> on this section of this street since the protected lanes were built?	Yes	No	n
	48%	52%	87

19. How comfortable do you feel when	Very			Very				
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n	
	12%	2%	5%	12%	28%	42%	43	

20. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	7%	13%	41%	43%	33%	4%	46
the time it takes me to bicycle on this street has	9%	36%	36%	9%	0%	9%	44
the usefulness of this street for getting places I want to go has	2%	ο%	29%	44%	20%	4%	45
how often I stop at shops and businesses on this street has	2%	4%	56%	20%	4%	13%	45
drivers' awareness of bicyclists on this street has	2%	4%	13%	40%	36%	4%	45
drivers' speeds on this street have	5%	9%	77%	2%	2%	5%	44
how comfortable I feel when bicycling on this street has	4%	2%	4%	40%	40%	9%	45
how often I ride a bicycle overall has	4%	2%	49%	31%	4%	9%	45
the difficulty of making a left- turn off of this street has	2%	11%	60%	16%	2%	9%	45
the difficulty of navigating around turning motor vehicles has	7%	24%	49%	7%	2%	11%	45
the difficulty of navigating around pedestrians has	9%	38%	33%	9%	2%	9%	45
how comfortable I feel bicycling with my kids has	2%	o%	9%	9%	11%	69%	45
how safe I feel bicycling with my kids has	2%	ο%	9%	9%	11%	69%	45

When bicycling eastbound on this street, how often do you		Most of the	Some of the		
ride on the following:	Always	time	time	Never	n
Cycle track	45%	24%	19%	12%	42
Standard traffic lanes	2%	0%	21%	76%	42
Sidewalk	2%	9%	34%	55%	44
Shared-use path on north side of the road	14%	14%	42%	30%	43

When bicycling eastbound on this street, how often do you		Most of the	Some of the		
ride on the following:	Always	time	time	Never	n
Cycle track	39%	50%	7%	4%	46
Standard traffic lanes	2%	0%	33%	64%	45
Sidewalk	ο%	7%	29%	64%	45
Shared-use path on north side of the road	20%	24%	30%	26%	46

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for	
recreation/exercise)?	Mean number of days

9

22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us

recently?	Yes	No	n	
	0%	100%	4.8	

1.8 About the Shared-Use Path

Have you walked on this section of the shared-use path in the past year?	Yes	No	n	
	71%	20%	90	

Have you bicycled on this section of the shared-use path in the past year? Yes No n

How comfortable do you feel when bicycling	Very					Very	
on the shared-use path?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n
	13%	7%	7%	7. %	12%	56%	/.5

20. Because of the shared- use path	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	2%	2%	7%	33%	54%	2%	46
the time it takes me to bicycle on this street has	9%	20%	59%	9%	2%	2%	46
the usefulness of this street for getting places I want to go has	0%	2%	33%	35%	30%	ο%	46
how often I stop at shops and businesses on this street has	0%	2%	80%	15%	0%	2%	46
drivers' awareness of bicyclists on this street has	4%	4%	33%	41%	11%	7%	46
how comfortable I feel when bicycling on this street has	2%	4%	2%	44%	44%	4%	46
how often I ride a bicycle overall has	o%	2%	59%	26%	9%	4%	46
the difficulty of making a left- turn off of this street has	5%	2%	64%	21%	2%	7%	44
the difficulty of navigating around turning motor vehicles has	7%	16%	64%	7%	2%	4%	45
the difficulty of navigating around pedestrians has	2%	11%	37%	37%	11%	2%	46
how comfortable I feel bicycling with my kids has	2%	2%	9%	11%	9%	67%	45
how safe I feel bicycling with my kids has	2%	2%	9%	9%	11%	67%	45
my satisfaction with the walking environment on this street has	5%	11%	33%	31%	20%	ο%	64
my sense of safety when crossing this street has	5%	5%	56%	25%	9%	0%	64
how often I have conflicts with bicyclists has	3%	22%	52%	17%	3%	3%	64

Path: In the past 30 days, how many days have you bicycled for transportation (i.e. not just for recreation/exercise)?

Mean number of days

9

Path: Did you fill out a separate online bicyclist survey about these protected bike lanes from us

recently? Yes No n

0% 100% 47

1.9 About Walking

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n	
73%	27%	90	

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on this street have generally	0%	17%	70%	6%	2%	6%	66
the number of bicyclists riding on the sidewalk has	15%	39%	22%	15%	0%	9%	67
my satisfaction with the walking environment on this street has	0%	2%	36%	48%	13%	2%	67
my sense of safety when crossing this street has	2%	2%	40%	48%	8%	2%	67

26. Do you ever walk or jog in the protected bike lanes, rather than on the sidewalk?	Yes	No	Total
	7%	93%	68

1.10 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days

7

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	38%	51%	11%	81
Walking	35%	59%	6%	83
Bicycling	13%	51%	36%	72
Public Transportation	o%	9%	92%	71
Other	0%	8%	92%	26

29. What types of businesses in the area do you

 patronize? (check all that apply)	Retail Shops		patronize? (check all that apply) Retail Shops Banks		Banks		
	35	39%	14	15%	77	85%	
	Bars		Coffee Shop		Other		
	37	41%	39	43%	17	19%	

30. When you visit this area, how many businesses do you typically go to each time?						3 or more	n
				79%	16%	5%	82
31. Since the protected bike lanes were built, are you more or less likely to visit a	A lot less	Somewhat		Son	newhat	A lot more	
business on this street?	likely	less likely	No change	mor	e likely	likely	n
	1%	1%	71%		15%	12%	86

1.11Demographics

34. Do you have a current:	Yes	No	n
Driver's license	99%	1%	87
Transit pass	11%	89%	85
Carshare Membership	21%	79%	84

35. How many working motor vehicles does your household own or lea	ase?	0	1	2	3 or more	n
		2%	29%	52%	17%	87
36. How many working adult bicycles does your household own? o)	1	2	3 or mo	ore n	
14	%	29%	36%	18%	87	
37. INCLUDING YOURSELF, how many adults live in your household?		1	2	3 or more	. n_	
	2.	4% 7	70%	6%	87	
37. INCLUDING YOURSELF, how many children live in your household	! ?	o	1	2	3 or more	Total
		66%	20%	10%	4%	77

38. How long have you lived at this home? Mean years

 39. Do you rent or own your home?
 Rent
 Own
 n

 26%
 74%
 86

40. Do you consider yourself:	Amerio Indian/Al Nativ	laska	Asian	•	African erican	Hispa atino	•	White/ Caucasian	Other	Total
	1%		3%	0	%	110	%	84%	0	88
_41. What is your age?	Mean	18-24	25-34	35-44 26%	45-54 24%	55-64	65+	n 87		

42. What is your gender?	Male	Female	Other	Total
	55%	45%	ο%	88

43. What is your employment status?	Work	School	Work from home	Not employed	n
	65%	1%	17%		88

44. What is your household inco		<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
		7.0%	13%	8%	17%	24%	10%	69
45. What is the highest level of school you have completed?	Some high school or less	High scho diploma c GED					or	n
	0%	3%	6%	2%	ó 29	6 81%	6%	88

Source	Online	Paper	n
	40%	60%	91

2 RESIDENT SURVEY: AUSTIN – BLUEBONNET

2.1 About How You Get Around

		Commute Ti	ips	
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	78%	10%	12%	415
Walking	3%	32%	65%	356
Bicycling	5%	25%	70%	355
Public Transportation	3%	17%	80%	354
Other	5%	11%	83%	112

	Other Trips	s (e.g. to the st	tore, park,	etc.)
1b. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	77%	21%	2%	413
Walking	4%	83%	13%	388
Bicycling	4%	48%	48%	372
Public Transportation	3%	25%	72%	365
Other	4%	13%	83%	107

2. Compared to two years ago, are you taking more or fewer trips by each	More	No	Fewer	
mode of transportation?	Trips	Change	Trips	n
Car/truck/motor vehicle (including carpool)	12%	66%	22%	430
Walking	30%	60%	10%	411
Bicycling	23%	65%	13%	393
Public Transportation	10%	75%	15%	381
Other	7%	83%	10%	122

2.2 About Your Neighborhood

 Over the past two years, changes to my neighborhood as a place for 	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	4%	23%	37%	29%	6%	423
driving have been	18%	49%	27%	5%	1%	429
bicycling have been	7%	18%	20%	38%	17%	411
taking public transportation have been	10%	16%	67%	5%	2%	393

	Very	Somewhat	Somewhat	Very	
	Dissatisfied	Dissatisfied	Satisfied	Satisfied	n
4. Overall, my level of satisfaction with	-0/	- 007	0.7	07	
transportation in my neighborhood is	9%	38%	41%	11%	415

2.3 About People You Encounter on the Street

 Please indicate if you agree or disagree with the following statements: 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n_
Most drivers follow the rules of the road.	9%	27%	51%	13%	1%	431
Most drivers are predictable.	7%	25%	57%	10%	1%	431
Most bicyclists follow the rules of the road.	21%	41%	31%	7%	1%	431
Most bicyclists are predictable.	20%	39%	32%	8%	1%	432
Most pedestrians follow the rules of the road.	6%	32%	47%	15%	1%	430
Most pedestrians are predictable.	6%	30%	47%	16%	1%	432

2.4 About Bicycling

6. Please indicate whether you agree or disagree with the following statements about bicycling:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Bicycling in my city is a convenient way to get places.	14%	23%	45%	14%	4%	427
Bicycling in my neighborhood is safe.	10%	25%	43%	19%	3%	425
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	3%	4%	38%	52%	3%	428
I would like to bicycle more often for transportation.	14%	9%	26%	41%	9%	424
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	11%	9%	26%	47%	7%	425
Facilities that encourage bicycling for transportation are a good way to improve public health.	5%	5%	24%	61%	5%	427

7. Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street	3%	1%	2%	4%	10%	80%	429
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	66%	18%	8%	5%	2%	2%	427
(C) On a similar street to (B), but with a striped bike lane added	12%	21%	23%	22%	17%	5%	427
(D) On a similar street to (B), but with a physically separated bike lane	4%	9%	10%	14%	33%	31%	426

2.5 About the Bluebonnet Protected Bike Lanes

8. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the desirability of living in my neighborhood has	4%	8%	33%	36%	14	5	40 8
the aesthetic appeal of this street has	12%	27%	21%	25%	12%	3%	40 8
the <i>safety</i> of DRIVING on this street has	7%	15%	39%	24%	14%	2%	40 8
the <i>safety</i> of BICYCLING on this street has	2%	3%	7%	32%	54%	3%	410
the <i>safety</i> of WALKING on this street has	2%	4%	39%	26%	27%	4%	412
the number of people I see riding bikes on this street has	1%	1%	30%	39%	19%	11%	40 9
how well the road works for all people has	6%	14%	13%	41%	20%	7%	411

9. Please indicate whether you agree or disagree with the following statements about the effectiveness of the protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' design makes it clear where cars can be and where the designated bicycle lanes are.	2%	4%	21%	71%	1%	408
The buffer effectively separates bikes from cars.	3%	5%	37%	54%	1%	408
The buffer does a good job at protecting bikes from cars.	3%	11%	44%	41%	2%	408
The protected bike lanes improve the predictability of drivers and bicyclists.	5%	11%	39%	42%	3%	406
The protected bike lanes make it clear where bicyclists and pedestrians should be.	4%	12%	31%	51%	2%	409
The protected bike lanes effectively separate bicyclists from pedestrians.	15%	20%	32%	26%	6%	409

the protected bike lanes has become:	A Lot More Negative	Somewhat More Negative	No Change	Somewhat More Positive	A Lot More Positive	n
	6%	9%	35%	30%	20%	409

 Please indicate whether you agree or disagree with the following statements about protected bike lanes. 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	11%	7%	29%	50%	4%	410
Overall, I support separating bikes from cars.	3%	1%	20%	74%	2%	407

2.6 About Driving on Bluebonnet Lane

13. Have you driven a motor vehicle <u>eastbound</u> on this section of the street since the protected bike lanes were built?

Yes No n
93% 7% 420

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	32%	22%	15%	17%	3%	12%	384
how safe and predictable bicyclists are acting has	2%	4%	24%	41%	18%	11%	385
how safe and predictable drivers are acting has	1%	3%	36%	37%	9%	12%	385
the amount of time it takes me to drive on the street has	1%	6%	74%	10%	4%	4%	386

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	3%	14%	73%	8%	2%	380
my ability to turn off of this street into alleys, driveways, and parking lots has been	5%	21%	67%	6%	2%	379
my ability to pull onto this street from alleys, driveways, and parking lots has been	6%	24%	62%	7%	2%	382
my ability to find a parking spot on the street has been	16%	28%	53%	2%	2%	367
how stressful it is to park a car on the street has been	12%	25%	59%	1%	2%	364

Please indicate if you agree or disagree with the following statements about turning across the cycle tracks.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinion	n
When I want to make a left turn (across the cycle track), I am able to adequately see if there are any approaching cyclists in the bike lane	3%	11%	39%	36%	11%	381
When I want to make a right turn (across the cycle track), I am able to adequately see if there are any approaching cyclists in the bike lane	5%	11%	41%	34%	10%	380

17. Do you avoid driving on this street because of the protected bike lanes?	Yes	No	n
	9%	91%	368

2.7 About Bicycling in the Bluebonnet Protected Bike Lanes

18. Have you bicycled <u>eastbound</u> on this section of this street since the protected lanes were

built?	Yes	No	n	
	42%	58%	419	

19. How comfortable do you feel when	Very					Very		
bicycling in the protected bike lanes	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n	
in the lane closest to the sidewalk?	12%	5%	3%	4%	17%	59%	170	
in the lane closest to the standard traffic lanes?	11%	6%	7%	8%	26%	43%	169	

19b. When bicycling on Bluebonnet Lane, how often do you		Most of the	Some of the		
ride on the following	Always	time	time	Never	n
Protected bike lane	61%	30%	6%	2%	171
Standard traffic lanes	1%	4%	34%	61%	163
Sidewalk	1%	0%	17%	82%	162

20. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	1%	2%	19%	38%	41%	1%	173
the time it takes me to bicycle on this street has	2%	19%	61%	11%	2%	5%	171
the usefulness of this street for getting places I want to go has	ο%	2%	37%	38%	21%	3%	173
drivers' awareness of bicyclists on this street has	0%	2%	13%	48%	33%	4%	171
drivers' speeds on this street have	1%	21%	62%	4%	2%	9%	170
how comfortable I feel when bicycling on this street has	0%	4%	9%	37%	50%	1%	170
how often I ride a bicycle overall has	1%	2%	53%	32%	11%	1%	170
the difficulty of making a left- turn off of this street has	1%	10%	67%	14%	2%	6%	171
the difficulty of navigating around pedestrians has	6%	16%	47%	18%	7%	6%	171
how comfortable I feel bicycling with my kids has	0%	1%	7%	14%	24%	54%	168
how safe I feel bicycling with my kids has	0%	1%	8%	13%	24%	54%	168

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22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us	
.1 a	

recently?	Yes	No	n
	1%	99%	173

8. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the aesthetic appeal of this street has	8%	18%	42%	20%	8%	4%	328
the safety of DRIVING on this street has	5%	11%	35%	35%	10%	4%	327
the safety of BICYCLING on this street has	2%	3%	5%	43%	37%	9%	330
the safety of WALKING on this street has	2%	3%	42%	33%	13%	9%	329
the number of people I see riding bikes on this street has	1%	1%	34%	38%	14%	13%	329
how well the road works for all people has	5%	9%	9%	49%	22%	7%	329

2.8 About Walking on Bluebonnet Lane

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n
68%	32%	420

24. How often do bicyclists in the bike lanes stop for pedestrians at	Usual	Someti	Rare	Nev	
unsignalized intersections?	ly	mes	ly	er	n
	0/	0/	-00/	16%	26
	14%	32%	38%	16%	2

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on this street have generally	2%	23%	60%	5%	1%	10%	280
the number of bicyclists riding on the sidewalk has .	30%	37%	17%	4%	3%	10%	278
my satisfaction with the walking environment on this street has	3%	7%	39%	32%	17%	2%	281
my sense of safety when crossing this street has	3%	7%	54%	25%	9%	3%	281

2.9 About the Barton Springs Protected Bike Lanes

disagree with the following statements about the effectiveness of the protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' design makes it clear where cars can be and where the	2%	.04	a=04	04	204	220
designated bicycle lanes are.	290	4%	37%	55%	3%	328
The buffer effectively separates bikes from cars.	3%	7%	48%	38%	3%	328
The buffer does a good job at protecting bikes from cars.	6%	10%	49%	29%	6%	327
The protected bike lanes improve the predictability of drivers and bicyclists.	7%	13%	48%	25%	7%	328
The protected bike lanes make it clear where bicyclists and pedestrians should be.	4%	9%	44%	38%	6%	328
The protected bike lanes effectively separate bicyclists from pedestrians.	9%	13%	41%	25%	12%	326

11. Over time, my opinion of the protected bike lanes has become:	A Lot M Negat		mewhat Negative	No Change		ewhat Positive	A Lot More Positive	n
	5%		8%	39%	3	4%	14%	327
12. Please indicate whether you or disagree with the follow statements about protected bik	ing	Strongly Disagree	Somewhat Disagree		ewhat Jree	Strongly Agree	No Opinion	n
I would support building more problem bike lanes at other location		11%	7%	29	9%	50%	4%	410
Dike laries at other location								

2.10 About Driving on Barton Springs Road

13. Have you driven a motor vehicle <u>eastbound</u> on this section of the street since the protected bike				
lanes were built?	Yes	No	n	
	91%	9%	337	

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	16%	21%	26%	21%	3%	14%	301
how safe and predictable bicyclists are acting has	2%	4%	28%	46%	11%	10%	301
how safe and predictable drivers are acting has	1%	3%	48%	34%	5%	8%	301
the amount of time it takes me to drive on the street has 	1%	7%	68%	12%	6%	6%	301

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	3%	17%	67%	11%	2%	293
my ability to turn off of this street at signalized intersections has been	5%	19%	71%	4%	1%	292
my ability to turn off of this street into alleys, driveways, and parking lots has been	6%	22%	67%	4%	1%	290
my ability to pull onto this street from alleys, driveways, and parking lots has been	4%	20%	71%	5%	1%	290

Please indicate if you agree or disagree with the following statements about turning across the cycle tracks.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinion	n
When I want to make a right turn (across the cycle track), I am able to adequately see if there are any approaching cyclists in the bike lane.	6%	17%	43%	23%	11%	291

17. Do you avoid driving on this street because of the protected bike lanes?	Yes	No	n	
	6%	94%	265	

2.11About Bicycling in the Barton Springs Protected Bike Lanes

18. Have you dicycled on this section of this street since the protected lanes were built?	res	INO	n	
	22%	78%	325	

19. How comfortable do you feel when	Very					Very	
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n
	6%	11%	4%	20%	30%	30%	256

20. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	1%	0%	20%	47%	32%	0%	71
the time it takes me to bicycle on this street has	4%	45%	32%	16%	1%	1%	71
the usefulness of this street for getting places I want to go has	1%	4%	15%	54%	26%	ο%	69
drivers' awareness of bicyclists on this street has	1%	1%	23%	39%	32%	3%	71
drivers' speeds on this street have	0%	7%	80%	10%	ο%	3%	71
how comfortable I feel when bicycling on this street has	o%	0%	16%	39%	39%	6%	71
how often I ride a bicycle overall has	0%	1%	58%	27%	10%	4%	71
the difficulty of making a left- turn off of this street has	0%	13%	55%	21%	3%	9%	71
the difficulty of navigating around turning motor vehicles has	3%	19%	60%	10%	1%	7%	70
the difficulty of navigating around pedestrians has	6%	29%	44%	9%	6%	7%	70
how comfortable I feel bicycling with my kids has	0%	0%	12%	15%	14%	60%	66
how safe I feel bicycling with my kids has	0%	2%	9%	18%	14%	58%	66

When bicycling eastbound on this street, how often do you		Most of the	Some of the		
ride on the following:	Always	time	time	Never	n
Cycle track	51%	32%	10%	7%	69
Standard traffic lanes	2%	5%	44%	50%	64
Sidewalk	ο%	2%	29%	70%	66
Shared-use path on north side of the road	6%	9%	54%	31%	67

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for	
recreation/exercise)?	Mean number of days

2.12 About Walking on Barton Springs Road

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n
41%	59%	330

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on this street have generally	1%	16%	72%	5%	1%	5%	134
the number of bicyclists riding on the sidewalk has .	13%	35%	20%	17%	4%	11%	133
my satisfaction with the walking environment on this street has	2%	5%	33%	45%	11%	3%	133
my sense of safety when crossing this street has	3%	4%	53%	29%	8%	2%	133

26. Do you ever walk or jog in the protected bike lanes, rather than on the sidewalk? Yes No Total
7% 93% 138

2.13 About Zilker Elementary School

Do you have a child (or children) that attends Zilker Elementary School? Yes No n $9\% \quad 92\% \quad 418$

How often do your children bike or walk to

		schoo	l?	Do they bike or walk (select all that					
My child or children	Never	Some of the time	Most of the time	n	With an adult	With other children	Alone	n	
bike(s) to school	33% 52%		15%	33	4%	1%	1%	33	
walk(s) to school	19%	33%	47%	36	7%	1%	1%	33	

Does your child or children bike or walk on Bluebonnet	Yes, walks and						
Lane?	Yes, bikes	Yes, walks	bikes	No	n		
	14%	20%	49%	17%	35		

Please indicate to what degree these issues are barriers that	Not a barrier				Major	
prevent your child(ren) from biking to school:	at all (1)	(2)	(3)	(4)	barrier (5)	n
Distance is too great	85%	9%	6%	ο%	0%	34
Stranger danger	44%	24%	12%	3%	18%	34
Traffic	27%	9%	24%	15%	27%	34
Not enough time	62%	9%	15%	6%	9%	34
Child is not interested	65%	9%	12%	3%	12%	34
Other (please specify)	27%	0%	9%	9%	55%	11

Please indicate to what degree these issues are barriers that	Not a barrier				Major	
prevent your child(ren) from walking to school:	at all (1)	(2)	(3)	(4)	barrier (5)	n
Distance is too great	72%	3%	14%	3%	8%	36
Stranger danger	42%	25%	17%	3%	14%	36
Traffic	37%	20%	9%	14%	20%	35
Not enough time	58%	14%	8%	3%	17%	36
Child is not interested	65%	12%	21%	3%	ο%	34
Other (please specify)	43%	14%	ο%	0%	43%	12

Since the protected bike lanes were built on Bluebonnet Lane were built	Strongly disagree	Somewhat disagree	Somewhat agree	Strongly agree	No Opinion	n
My children are biking to school more often.	18%	11%	25%	14%	32%	28
My children are walking to school more often.	15%	18%	21%	12%	33%	33
Biking on Bluebonnet Lane is safer for children now.	3%	o%	19%	69%	8%	36
Walking on Bluebonnet Lane is safer for children now.	9%	0%	23%	54%	14%	35
The protected bike lanes are an important reason for why I allow my child to bike on Bluebonnet Lane.	7%	13%	13%	42%	26%	31
The protected bike lanes are an important reason for why I allow my child to walk on Bluebonnet Lane.	16%	16%	28%	19%	22%	32

2.14Demographics

34. Do you have a current:	Yes	No	n
Driver's license	98%	2%	429
Transit pass	10%	90%	426
Carshare Membership	12%	88%	426

35. How many working motor vehicles does your household own or le	ease	? o	1	2	3 or mor	e n
		4%	31%	6 50%	15%	427
36. How many working adult bicycles does your household own?	o	1	2	3 or n	nore n	_
25	5%	25%	28%	23	% 426	
_37. INCLUDING YOURSELF, how many adults live in your household?	?	1	2	3 or mo	re n	
		31%	63%	6%	425	
_37. INCLUDING YOURSELF, how many children live in your househol	d?	0	1	2	3 or more	Total
		76%	13%	10%	2%	394

38. How long have you lived at this home? Mean years

15

40. Do you consider yourself:	India	merican an/Alask Native		ian	Black/Afri America		Hispanio	•	White/ Caucasian	Other	Total
		2%	2	%	1%		5%		87%	2%	416
41. What is your age?	Mean	18-24	25-34	35-44	45-54	55-6	4 65+	n	_		
	E1	1%	120%	21%	21%	270/	18%	<i>l</i> .1 <i>l</i> .			

42. What is your gender?	Male	Female	Other	Total
	46%	54%	1%	416

43. What is your employment status?	Work	School	Work from home	Not employed	n
	58%	1%	21%	18%	406

44. What is your household inco		<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
		6%	13%	19%	13%	24%	10%	406
45. What is the highest level of school you have completed?	Some high school or less	High sch diploma GED	or Some			Four-y ciate college gree more	or	n
	1%	3%	9%	3%	6 2	% 78%	5%	421

Source	Online	Paper	n
	31%	69%	439

3 RESIDENT SURVEY: CHICAGO – MILWAUKEE AVE.

3.1 About How You Get Around

 For each mode of transportation, please 	Commute Trips					
indicate your level of use:	Most Trips	Some Trips	No Trips	n		
Car/truck/motor vehicle (including carpool)	43%	26%	23%	289		
Walking	19%	49%	32%	266		
Bicycling	7%	22%	71%	263		
Public Transportation	29%	51%	21%	279		
Other	8%	19%	74%	80		

2. Compared to two years ago, are you taking more or fewer trips by each	More	No	Fewer	
mode of transportation?	Trips	Change	Trips	n
Car/truck/motor vehicle (including carpool)	22%	49%	29%	294
Walking	36%	58%	7%	285
Bicycling	24%	66%	10%	271
Public Transportation	31%	51%	18%	287
Other	8%	88%	5%	80

3.2 About Your Neighborhood

Over the past two years, changes to my neighborhood as a place for	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	3%	11%	52%	23%	11%	299
driving have been	19%	44%	27%	8%	2%	297
bicycling have been	8%	11%	17%	33%	31%	290
taking public transportation have been	2%	10%	66%	17%	6%	296

4. Overall, my level of satisfaction with transportation in my neighborhood is	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	n	
	7%	18%	42%	33%	304	

3.3 About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	12%	30%	47%	10%	2%	312
Most drivers are predictable.	8%	25%	56%	10%	2%	306
Most bicyclists follow the rules of the road.	48%	34%	14%	4%	1.0%	308
Most bicyclists are predictable.	38%	41%	16%	5%	1.0%	308
Most pedestrians follow the rules of the road.	6%	27%	50%	16%	1%	311
Most pedestrians are predictable.	6%	25%	51%	18%	1.0%	308

3.4 About Bicycling

 Please indicate whether you agree or disagree with the following statements about bicycling: 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Bicycling in my city is a convenient way to get places.	5%	8%	45%	36%	7%	303
Bicycling in my neighborhood is safe.	17%	24%	45%	13%	2%	302
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	3%	4%	29%	63%	3%	304
I would like to bicycle more often for transportation.	22%	11%	26%	28%	12%	300
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	16%	16%	25%	33%	10%	302
Facilities that encourage bicycling for transportation are a good way to improve public health.	7%	6%	32%	46%	9%	301

Whether or not you currently ride a bicycle, please consider how comfortable you would	Very Uncomfortable					Very Comfortable	
be riding a bicycle in each place:	(1)	(2)	(3)	(4)	(5)	(6)	n
(A) On a path or trail separate from the street	3%	1%	2%	3%	15%	75%	304
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	53%	22%	13%	7%	3%	2%	303
(C) On a similar street to (B), but with a striped bike lane added	9%	19%	21%	22%	19%	9%	304
(D) On a similar street to (B), but with a physically separated bike lane	7%	11%	9%	12%	31%	31%	304

3.5 About the Protected Bike Lanes

8. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the desirability of living in my neighborhood has	7%	15%	36%	24%	8%	9%	301
the aesthetic appeal of this street has	18%	28%	22%	20%	8%	4%	299
the safety of DRIVING on this street has	29%	24%	17%	20%	8%	2%	298
the safety of BICYCLING on this street has	8%	5%	7%	39%	36%	5%	298
the safety of WALKING on this street has	10%	13%	54%	12%	8%	3%	300
the number of people I see riding bikes on this street has	0%	1%	15%	23%	59%	2%	301
how well the road works for all people has	23%	25%	9%	31%	10%	3%	300
9. Please indicate whether disagree with the followin about the effectiveness of bike lanes:	g statements the protected	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' de clear where cars can be an designated bicycle la	d where the	10%	9%	41%	40%	0%	304
The buffer effectively separa cars.		5%	12%	39%	45%	1%	303
The buffer does a good job bikes from cars		8%	15%	39%	37%	2%	301
The protected bike lanes in predictability of drivers are	•	16%	23%	39%	20%	2%	302
The protected bike lanes r where bicyclists and pedestr	ians should be.	7%	11%	37%	43%	2%	301
The protected bike lanes separate bicyclists from p	,	15%	14%	37%	27%	7%	302
11. Over time, my opinion the protected bike lanes ha become:			newhat Negative C		ewhat Positive	A Lot More Positive	n
	34%	1	.8%	12% 3	3%	13	302
 Please indicate whether or disagree with the forestatements about protected 	llowing	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building mo bike lanes at other loca	re protected	21%	13%	28%	36%	2%	304
Overall, I support separating cars.	g bikes from	7%	5%	28%	58%	2%	303

3.6 About Driving

13. Have you driven a motor vehicle on this section of the street since the protected bike lanes were

built?	Yes	No	n
	92%	8%	301

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has .	33%	26%	10%	11%	18%	2%	277
how safe and predictable bicyclists are acting has	12%	14%	28%	34%	11%	1%	277
how safe and predictable drivers are acting has	7%	18%	39%	28%	7%	1%	276
the amount of time it takes me to drive on the street has	4%	8%	22%	26%	37%	2%	277

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	37%	31%	24%	7%	1%	276
my ability to turn off of this street at signalized intersections has been	30%	37%	25%	7%	1%	276
my ability to turn off of this street into alleys, driveways, and parking lots has been	37%	33%	26%	5%	0%	275
my ability to pull onto this street from alleys, driveways, and parking lots has been	38%	30%	27%	5%	0%	276
my ability to find a parking spot on this street has been	30%	18%	47%	3%	1%	273
how stressful it is to park a car on this street has been	32%	28%	37%	3%	0%	273

16. To make a right turn off of Milwaukee Avenue, motorists must cross the bike lane: • At some intersections (PICTURE A) there is a right-turn lane to the right of the bike lane (at these locations motorists must cross the bike lane prior to the intersection).

At other intersections (PICTURE B) motorists must cross the bike lane as they turn.

	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinion	n
When I want to make a right turn off of Milwaukee Avenue, it is generally clear where I should cross over the bike lane.	17%	18%	37%	26%	2%	279
Picture A: When I want to turn right, I am able to adequately see if there are any approaching cyclists in the bike lane.	20%	26%	35%	17%	2%	278
I prefer to merge across the bike lane prior to arriving at an intersection (like in Picture A).	10%	14%	36%	34%	7%	271
Picture B: When I want to turn right, I am able to adequately see if there are any approaching cyclists in the bike lane.	25%	28%	32%	11%	4%	276
The "Yield to Bikes" signs (like in Picture B) have made me pay closer attention to cyclists when turning off Milwaukee Ave.	11%	18%	39%	24%	9%	276

17. Do you avoid driving on this street because of the protected bike lanes?	Yes	No	n
	36%	64%	259

3.7 About Bicycling in the Protected Bike Lanes

18. Have you bicycled on this section of this street since the protected lanes were built?	Yes	No	n	
	41%	59%	297	

19. How comfortable do you feel when	very					very	
bicycling in the protected bike lanes?	Uncomfortable (1)		(3)	(4)	(5)	Comfortable (6)	n
	9%	9%	3%	11%	30%	38%	122

20. Because of the protected bike lanes	Decrease d a lot	Decreased somewhat	Not Changed	Increased somewhat	Increase d a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	5%	ο%	23%	30%	41%	2%	121
the time it takes me to bicycle on this street has	7%	24%	50%	12%	5%	3%	121
the usefulness of this street for getting places I want to go has	7%	4%	31%	35%	22%	1%	121
how often I stop at shops and businesses on this street has	7%	3%	68%	17%	4%	2%	121
drivers' awareness of bicyclists on this street has	3%	3%	17%	58%	17%	3%	121
drivers' speeds on this street have	6%	31%	52%	7%	0%	4%	121
how comfortable I feel when bicycling on this street has	4%	2%	18%	41%	33%	2%	121
how often I ride a bicycle overall has	2%	3%	49%	31%	15%	0%	121
the difficulty of making a left-turn off of this street has	3%	11%	48%	21%	11%	7%	121
the difficulty of navigating around turning motor vehicles has	4%	21%	35%	21%	13%	5%	119
the difficulty of navigating around pedestrians has	3%	13%	59%	13%	8%	5%	119

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for recreation/exercise)?

Mean number of days

n

22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us recently? Yes

No 0% 100% 121

3.8 About Walking

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n	
89%	11%	301	

24. How often do bicyclists in the bike lanes stop for pedestrians at unsignalized intersections?	Usual ly	Someti mes	Rare ly	Nev er	n
	5%	16%	33%	46	26

	25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
9	drivers' speeds on this street have generally	12%	35%	43%	5%	3%	3%	261
	the number of bicyclists ding on the sidewalk has . 	19%	22%	32%	10%	10%	7%	259
	my satisfaction with the walking environment on this street has	13%	13%	54%	13%	7%	1%	261
	my sense of safety when rossing this street has	19%	18%	45%	12%	5%	1%	259

26. Do you ever walk or jog in the protected bike lanes, rather than on the sidewalk?	Yes	No	Total
	9%	91%	261

3.9 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days

11

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	39%	43%	18%	258
Walking	49%	45%	6%	284
Bicycling	5%	34%	61%	237
Public Transportation	9%	43%	49%	247
Other	2%	9%	90%	59

patronize? (check all that apply)		Retail Shops	Banks	Restaurants	Ba	rs Co	offee Shop	Other
		68%	36%	79%	51 ⁰	%	59%	22%
o. When you visit this area, how many bu	sinesses	do you typica	lly go to		1 56%	2 31%	3 or more	n 294

3.10Demographics

34. Do you have a current:	Yes	No	n
Driver's license	98%	2%	296
Transit pass	84%	16%	289
Bikeshare Membership	7%	93%	263
Carshare Membership	9%	91%	264

35. How many working mot	or vehicles d	oes your h	ouseho	ld own	or lease	e? o	1	L 2	3 or mor	e r	<u>1</u>
						119	% 56	28%	5%	29	97
36. How many working adu	lt bicycles do	es your ho	useholo	d own?	0	1	2	3 or mo	re n		
					31%	28%	27%	14%	297		
37. INCLUDING YOURSELF	, how many a	adults live	in your	househ	old?	1	2	3 or more	n		
						32%	63%	4%	295		
37. INCLUDING YOURSELF	, how many	children liv	e in you	ır hous	ehold?	0	1	2 3	or more	Tota	<u>l</u>
						75%	13%	11%	2%	200	
38. How long have you live	d at this hom	ie? Meai	n years	-							
			9								
39. Do you rent or own you		ent Owr	n n	_							
	39	6% 63%	290								
40. Do you	L	_	-	N1-/A	C.:			NA/I- (4.	- 1		
	Indian/Alask Jative	a Asia		lack/A Ameri		Hispa atin		White Caucas	-	her	Tota
	1%	20%	б	17%	6	1	4	89%) 1	14	297
41. What is your age? Me	an 18-24	25-34 3	5-44	45-54	55-64	65+	n	-			
4:	2 0%	38%	26%	16%	13%	6%	287				
42. What is your gender?	Male Fema		er Tot								

44. What is your annual household income?	< \$25,00	\$25k- o \$50k	\$50k- 75k	\$75k- \$100k	\$100k- \$200k	>\$200,000	DtS	n
	3.0%	8%	12%	13%	30%	14%	20%	293
45. What is the highest level of	Some high	High school				Four-year		
school you have completed?	school or less	diploma or GED	Some college	Trade/Voc school	Associate Degree	•	Other	n
	1%	3%	7%	2%	2%	78%	8%	294

Source	Online	Paper	n
	41%	59%	313

4 RESIDENT SURVEY: CHICAGO – DEARBORN AVE.

4.1 About How You Get Around

		Commute Tr	ips	
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	21%	23%	55%	175
Walking	51%	25%	24%	182
Bicycling	7%	14%	80%	167
Public Transportation	31%	47%	23%	185
Other	10%	8%	83%	40
1b. For each mode of transportation, please indicate your level of use:	Other Trips (e.g. to the store, park, etc.			etc.)
	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	21%	61%	18%	184
Walking	50%	50%	1%	187
Bicycling	7%	31%	62%	167
Public Transportation	24%	68%	8%	180
Other	3%	28%	70%	36

2. Compared to two years ago, are you taking more or fewer trips by each	More	No	Fewer	
mode of transportation?	Trips	Change	Trips	n
Car/truck/motor vehicle (including carpool)	15%	57%	28%	190
Walking	33%	60%	7%	192
Bicycling	19%	72%	9%	185
Public Transportation	28%	57%	16%	193
Other	5%	83%	12%	42

4.2 About Your Neighborhood

 Over the past two years, changes to my neighborhood as a place for 	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	5%	17%	52%	17%	10%	197
driving have been	14%	35%	44%	6%	2%	190
bicycling have been	6%	6%	18%	30%	40%	183
taking public transportation have been	2%	15%	63%	17%	3%	191

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	n
4. Overall, my level of satisfaction with transportation in my neighborhood is	4%	13%	32%	52%	196

4.3 About People You Encounter on the Street

 Please indicate if you agree or disagree with the following statements: 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	10%	33%	42%	15%	1%	198
Most drivers are predictable.	8%	32%	43%	16%	2%	197
Most bicyclists follow the rules of the road.	31%	41%	21%	6%	1.0%	196
Most bicyclists are predictable.	28%	43%	22%	4%	3.0%	197
Most pedestrians follow the rules of the road.	11%	39%	38%	10%	1%	198
Most pedestrians are predictable.	9%	33%	44%	12%	3.0%	197

4.4 About Bicycling

6. Please indicate whether you agree or disagree with the following statements about bicycling:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Bicycling in my city is a convenient way to get places.	8%	10%	46%	27%	9%	193
Bicycling in my neighborhood is safe.	12%	23%	43%	15%	8%	194
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	2%	6%	33%	53%	6%	192
I would like to bicycle more often for transportation.	25%	12%	24%	28%	12%	192
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	11%	14%	25%	36%	15%	191
Facilities that encourage bicycling for transportation are a good way to improve public health.	5%	6%	24%	54%	12%	193

7. Whether or not you currently ride a bicycle, please consider how comfortable you would	Very Uncomfortable					Very Comfortable	
be riding a bicycle in each place:	(1)	(2)	(3)	(4)	(5)	(6)	n
(A) On a path or trail separate from the street	3%	1%	4%	5%	14%	73%	192
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	56%	21%	12%	8%	2%	2%	192
(C) On a similar street to (B), but with a striped bike lane added	13%	20%	25%	19%	19%	4%	191
(D) On a similar street to (B), but with a physically separated bike lane	8%	9%	9%	15%	29%	31%	191

4.5 About the Protected Bike Lanes

8. Because of the protected bike lanes .	Decrease d a lot	Decrease d somewha t	Not change d	Increased e somewha t	Increase d a lot	No Opinio n	n
the desirability of living in my neighborhood has	9%	11%	32%	28%	13%	8%	191
the aesthetic appeal of this street has	20%	25%	23%	22%	7%	3%	18 9
the safety of DRIVING on this street has	15%	30%	26%	18%	5%	7%	19 2
the safety of BICYCLING on this street has	5%	5%	6%	26%	50%	8%	18 9
the safety of WALKING on this street has	15%	28%	40%	12%	3%	2%	191
the number of people I see riding bikes on this street has	0%	1%	16%	37%	45%	3%	19 2
how well the road works for all people has	19%	24%	6%	34%	13%	4%	191
. Please indicate whether you agree or disagree with the following statements about the effectiveness of the protected bike lanes:	Strongly Disagree			Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' design makes it clear where cars can be and where the designated bicycle lanes are.	8%	12%		33%	47%	0%	194
The buffer effectively separates bikes from cars.	8%	9%		38%	45%	1%	194
The buffer does a good job at protecting bikes from cars.	8%	13%		38%	40%	1%	192
The protected bike lanes improve the predictability of drivers and bicyclists.	15%	21%		34%	27%	3%	193
The protected bike lanes make it clear where bicyclists and pedestrians should be.	8%	18%		36%	37%	1%	194
The protected bike lanes effectively separate bicyclists from pedestrians.	18%	31%		33%	17%	3%	193

11. Over time, my opinion of the protected bike lanes has become:	A Lot More Negative	Somewhat More Negative	No Change	Somewhat More Positive	A Lot More Positive	n
	20%	12%	22%	32%	14	192
 Please indicate whether you agree or disagree with the following statements about protected bike lanes. 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	21%	10%	23%	41%	4%	192
Overall, I support separating bikes from cars.	4%	6%	26%	59%	4%	193

4.6 About Driving

13. Have you driven a motor vehicle on this section of the street since the protected bike lanes

 were built?	Yes	No	n
	76%	23%	191

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	39%	22%	12%	14%	8%	5%	147
how safe and predictable bicyclists are acting has	6%	10%	28%	36%	17%	3%	147
how safe and predictable drivers are acting has	6%	14%	50%	23%	3%	3%	147
the amount of time it takes me to drive on the street has	3%	9%	30%	20%	34%	4%	148

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	30%	31%	33%	5%	1%	148
my ability to turn off of this street at signalized intersections has been	29%	38%	23%	9%	1%	148
my ability to turn off of this street into alleys, driveways, and parking lots has been	21%	25%	49%	6%	0%	146
my ability to pull onto this street from alleys, driveways, and parking lots has been	20%	27%	50%	3%	0%	146
my ability to find a parking spot on this street has been	22%	19%	51%	6%	2%	148
how stressful it is to park a car on this street has been	27%	22%	45%	5%	1%	147

16. At many intersections along Dearborn Street, new bicycle signals were added, along with a new left-turn signal for motor vehicles in the left turn lane (see picture).

Prior to taking this survey, had you noticed the bicycle signals on Dearborn Street?	Yes	No	n
	97%	3%	145

16b. Please indicate whether you agree or disagree with the following statements.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinion	n
At these intersections, it is always clear to me which signal I should use as a motorist.	11%	22%	29%	36%	1%	149
Using the small bicycle in the bicycle signal lens is a good way to communicate the signal is only for bicycles.	10%	11%	35%	43%	3%	148

16c. When making a left-turn off of Dearborn Street, how often

	Never	Rarely	Sometimes	Often	N/A	n
do you encounter bicyclists in your path when attempting to make a left turn?	11%	26%	43%	16%	5%	148
do you encounter pedestrians in your path when attempting to make a left turn?	2%	9%	46%	38%	5%	149

17. Do you avoid driving on this street because of the protected bike lanes? Yes No n

33% 67% 147

4.7 About Bicycling in the Protected Bike Lanes

18. Have you bicycled on this section of this street since the protected lanes were built? Yes No n 32% 68% 196

19. How comfortable do you feel when	Very					Very	
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n
	12%	5%	5%	9%	32%	38%	66

20. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	4%	7%	4%	18%	65%	2%	68
the time it takes me to bicycle on this street has	6%	30%	31%	17%	5%	11%	64
the usefulness of this street for getting places I want to go has	6%	9%	19%	24%	40%	2%	67
how often I stop at shops and businesses on this street has	5%	2%	77%	9%	5%	3%	66
drivers' awareness of bicyclists on this street has	5%	5%	14%	49%	25%	3%	65
drivers' speeds on this street have	3%	23%	56%	3%	2%	14%	66
how comfortable I feel when bicycling on this street has	3%	8%	8%	24%	52%	6%	66
how often I ride a bicycle overall has	2%	3%	42%	33%	15%	5%	66
the difficulty of making a left- turn off of this street has	0%	5%	42%	27%	14%	12%	66
the difficulty of navigating around turning motor vehicles has	8%	18%	42%	12%	14%	6%	66
the difficulty of navigating around pedestrians has	2%	20%	47%	14%	14%	5%	66

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for recreation/exercise)?

Mean number of days

8

22.	. Did you fill out a separate online bicyclist survey about these protected bike lanes from us
	.1 &

 	recently?	•	Yes	No	n
			0%	100%	199

4.8 About Walking

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n
99%	1%	195

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed		eased ewhat		reased a lot	No Opinion	n						
drivers' speeds on this street have generally	5%	23%	57%	5%		5%		5%		5%			1%	10%	189
the number of bicyclists riding on the sidewalk has .	22%	25%	28%	1	0%		7%	8%	190						
my satisfaction with the walking environment on this street has	14%	15%	52%	14%		4% 4%		2%	191						
my sense of safety when crossing this street has	18%	27%	37%	13%			5%	1%	191						
27de. These "Look Bikes" added at some crosswalks: these markings will be at v bicycle	Not effective at all (1)	(2)	(3)	(4)	(5)	Very effective (6)	n								
			14%	14%	22%	25%	16%	9%	191						

26. Do you ever walk or jog in the protected bike lanes, rather than on the sidewalk?	Yes	No	Total
	10%	90%	187

4.9 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days

16

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	3%	31%	67%	154
Walking	94%	6%	1%	187
Bicycling	5%	24%	71%	150
Public Transportation	12%	53%	35%	158
Other	5%	13%	82%	39

29. What types of businesses in the area do							
you patronize? (check all that apply)	Retail Shops		Banks		Restaurants		
	133	70%	147	77%	182	96%	
	Bars		Coffee Shop		Other		n
	103	54%	134	71%	28	15%	190

30. When you visit this area, how many bu	1	2	3 or more	n			
				45%	37%	18%	190
31. Since the protected bike lanes were	A lot					A lot	
built, are you more or less likely to visit a business on this street?	less likely	Somewhat less likely	No change		ewhat likely	more likely	n
	۵%	8%	81%	5.	0%	3%	197

4.10 Demographics

34. Do you have a current:	Yes	No	n
Driver's license	96%	4%	195
Transit pass	91%	9%	187
Bikeshare Membership	6%	94%	173
Carshare Membership	29%	71%	176

35. How many working motor vehicles does	your household own	or lease	? o	1	. 2	3 or mor	e n
			44%	6 43 €	% 10%	3%	194
36. How many working adult bicycles does y	our household own?	o	1	2	3 or mo	ore n	
		38%	21%	31%	9%	194	
37. INCLUDING YOURSELF, how many adul	ts live in your housel	nold?	1	2	3 or more	e n	
		4	₄ 2% <u>5</u>	53%	5%	194	
37. INCLUDING YOURSELF, how many child	dren live in your hous	ehold?	0	1	2 3	or more	Total
37. INCLUDING YOURSELF, how many child	dren live in your hous	ehold?	o 85%	10%	2 3	or more	Total 112
37. INCLUDING YOURSELF, how many child 38. How long have you lived at this home?	dren live in your hous Mean years 8	ehold?					-

40. Do you consid yourself:	er	Ameri Indian// a Nat	Alask	Asia n	Black/Af		Hispanio	c/Latino(a)	White/ Caucasia n	Othe r	Tota I
		1%		6%	5%		4%		77%	4	199
41. What is your age?	Mean	18-24		35-44	45-54	55-64	 				
	47	3%	23%	20%	21%	23%	10%	181			

42. What is your gender?	Male	Female	Other Tot	:al_				
	45%	55%	0% 18	7				
43. What is your employ	ment stat		School	Work from h		mployed n	_	
		75%	5%	15%		6% 183		
44. What is your ann household income		<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
		2.0%	7%	17%	18%	34%	8%	183
45. What is the	Some							
highest level of	high	High sch	nool			Four-y	rear	
school you have completed?	school or less	diploma GED				ciate college gree mor		n

5%

ο%

1%

ο%

Source	Online	Paper	n
	39%	61%	199

74%

16%

190

3%

5 RESIDENT SURVEY: PORTLAND - NE MULTNOMAH ST.

5.1 About How You Get Around

		Commute Tr	ips	
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	47%	22%	31%	394
Walking	17%	39%	45%	363
Bicycling	11%	22%	67%	352
Public Transportation	21%	38%	42%	369
Other	۷%	11%	84%	90

	Other Trips	s (e.g. to the st	tore, park,	etc.)
1b. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	47%	46%	7%	438
Walking	23%	73%	4%	417
Bicycling	8%	32%	60%	380
Public Transportation	7%	67%	26%	392
Other	9%	22%	70%	79

2. Compared to two years ago, are you taking more or fewer trips by each mode of transportation?	More Trips	No Change	Fewer Trips	n
Car/truck/motor vehicle (including carpool)	14%	49%	38%	461
Walking	38%	53%	10%	446
Bicycling	20%	65%	15%	394
Public Transportation	35%	45%	20%	434
Other	11%	76%	12%	89

5.2 About Your Neighborhood

3. Over the past two years, changes to my neighborhood as a place for	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	1%	7%	58%	22%	12%	460
driving have been	5%	22%	61%	10%	3%	442
bicycling have been	2%	6%	51%	27%	14%	400
taking public transportation have been	3%	12%	52%	19%	14%	436

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	n
4. Overall, my level of satisfaction with transportation in my neighborhood is	3%	7%	37%	54%	473

5.3 About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	3%	18%	52%	26%	1%	485
Most drivers are predictable.	4%	22%	56%	17%	2%	483
Most bicyclists follow the rules of the road.	14%	34%	41%	11%	1%	484
Most bicyclists are predictable.	15%	36%	37%	11%	1%	487
Most pedestrians follow the rules of the road.	5%	26%	50%	18%	1%	488
Most pedestrians are predictable.	8%	25%	49%	16%	3%	488

5.4 About Bicycling

Please indicate whether you agree or disagree with the following statements about bicycling:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Bicycling in my city is a convenient way to get places.	2%	5%	33%	48%	12%	467
Bicycling in my neighborhood is safe.	3%	16%	46%	26%	10%	463
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	3%	6%	33%	49%	8%	467
I would like to bicycle more often for transportation.	20%	10%	22%	30%	18%	458
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	13%	11%	24%	32%	20%	459
Facilities that encourage bicycling for transportation are a good way to improve public health.	3%	3%	25%	60%	9%	466

Whether or not you currently ride a bicycle, please consider how comfortable you would	Very Uncomfortable					Very Comfortable	
be riding a bicycle in each place:	(1)	(2)	(3)	(4)	(5)	(6)	n
(A) On a path or trail separate from the street	3%	1%	2%	5%	12%	78%	469
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	55%	25%	11%	6%	2%	2%	469
(C) On a similar street to (B), but with a striped bike lane added	6%	14%	23%	25%	20%	11%	469
(D) On a similar street to (B), but with a physically separated bike lane	5%	5%	7%	14%	31%	39%	469

5.5 About the protected Bike Lanes

8. Because of the protected bike		crease a lot	Decrease d somewha t	Not change d	Increased somewha t	Increase d a lot	No Opinio n	n
the desirability of living in m neighborhood has	ny	2%	6%	33%	30%	15%	13%	46 4
the aesthetic appeal of this street	has	6%	12%	14%	37%	22%	9%	46 6
the safety of DRIVING on this stre	eet has .	7%	11%	25%	29%	17%	11%	46 4
the safety of BICYCLING on this has	street	2%	2%	8%	31%	43%	14%	46 0
the safety of WALKING on this str	reet has	1%	3%	47%	21%	16%	11%	46 5
the number of people I see riding on this street has	g bikes	1%	2%	32%	31%	11%	24%	46 5
how well the road works for all p	eople	8%	12%	10%	37%	17%	15%	467
9. Please indicate whether you disagree with the following star about the effectiveness of the p bike lanes: The protected bike lanes' design	tements protected	Strongly Disagree			omewhat	Strongly	No	
clear where cars can be and wh designated bicycle lanes a	ere the	3%			Agree	Agree	Opinion	n
The buffer effectively separates b		3/4	11%		29%	Agree 51%	Opinion 5%	n 469
cars.		3%	11% 7%	1			•	
cars. The buffer does a good job at pr bikes from cars.	oikes from otecting	-		,	29%	51%	5%	469
cars. The buffer does a good job at pr bikes from cars. The protected bike lanes impro predictability of drivers and bic	otecting ove the cyclists.	3%	7%	,	29% 31%	51% 54%	5% 6%	469 469 468
cars. The buffer does a good job at print bikes from cars. The protected bike lanes impropredictability of drivers and bice. The protected bike lanes make where bicyclists and pedestrians seeman.	otecting ove the cyclists. it clear should be.	3%	7% 6%		29% 31% 35%	51% 54% 46%	5% 6% 8%	469 469
cars. The buffer does a good job at pr bikes from cars. The protected bike lanes impro predictability of drivers and bic The protected bike lanes make	otecting ove the cyclists. it clear should be. ctively	3% 4% 6%	7% 6% 14%		29% 31% 35% 35%	51% 54% 46% 34%	5% 6% 8% 10%	469 469 468 469
cars. The buffer does a good job at private bikes from cars. The protected bike lanes impropredictability of drivers and bice. The protected bike lanes make where bicyclists and pedestrians of the protected bike lanes effects.	otecting ove the cyclists. it clear should be. ctively	3% 4% 6% 4% 6%	7% 6% 14%		29% 31% 35% 35% 24% 33%	51% 54% 46% 34% 54% 36%	5% 6% 8% 10% 7%	469 469 468 469 469

 Please indicate whether you agree or disagree with the following statements about protected bike lanes. 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	10%	8%	29%	47%	6%	463
Overall, I support separating bikes from cars.	2%	3%	25%	68%	2%	464

5.6 About Driving

13. Have you driven a motor vehicle on this section of the street since the protected bike lanes				
were built?	Yes	No	n	
	79%	21%	467	

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	25%	19%	19%	14%	2%	22%	376
how safe and predictable bicyclists are acting has	2%	5%	29%	34%	14%	16%	375
how safe and predictable drivers are acting has	1%	9%	32%	36%	7%	16%	374
the amount of time it takes me to drive on the street has 	2%	8%	47%	21%	11%	12%	375

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
traffic congestion has been	9%	27%	51%	11%	3%	369
my ability to turn off of this street at signalized intersections has been	6%	20%	58%	12%	4%	369
my ability to turn off of this street into alleys, driveways, and parking lots has been	6%	21%	60%	9%	4%	365
my ability to pull onto this street from alleys, driveways, and parking lots has been	5%	19%	60%	12%	4%	363
my ability to find a parking spot on this street has been	11%	19%	61%	6%	3%	360
how stressful it is to park a car on this street has been	13%	21%	58%	6%	3%	357

16. To make a right turn off of NE Multnomah Street, there are different intersection designs: At some intersections there is a right-turn lane to the right of the bike lane (at these locations motorists must cross the bike lane prior to the intersection), and at other intersections motorists must cross the bike lane as they turn.

Some- Somew

	Strongly disagree	Some- what disagree	Somew hat agree	Strongly agree	l don't know	No opinion	n
When drivers want to make a right turn off of NE Multnomah, it is generally clear where they should cross over the bike lane.	9%	21%	37%	19%	8%	6%	458
Picture A: Before moving into the right- turn lane, drivers are able to adequately see any approaching bicyclists in the bike lane.	8%	16%	42%	16%	10%	9%	453
The markings in Picture A indicate that motorists should yield to bicyclists when making a right turn.	14%	25%	21%	20%	12%	7%	453
Picture B: When drivers want to turn right, they are able to adequately see any approaching bicyclists in the bike lane.	8%	22%	39%	15%	8%	8%	453
The green dashed lines in the intersection like in Picture B have made drivers pay closer attention to bicyclists when turning right.	8%	17%	35%	19%	12%	9%	453

17. Do you avoid driving on this street because of the protected bike lanes?	Yes	No	n
	1/1/%	86%	422

5.7 About Bicycling in the Protected Bike Lanes

18. Have you bicycled on this section of this street since the protected lanes were built?						No n	
					34%	66% 464	
19. How comfortable do you feel when	Very					Very	
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n
	8%	10%	11%	10%	27%	35%	167

		Decrease d	Not	Increased		No	
20. Because of the protected bike lanes	Decrease	somewha	Change	somewha	Increase	Opinio	
	d a lot	t	d	t	d a lot	n	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	3%	2%	29%	28%	34%	4%	18 0
the time it takes me to bicycle on this street has	6%	23%	48%	7%	3%	14%	17 9
the usefulness of this street for getting places I want to go has	1%	4%	71%	10%	3%	10%	175
how often I stop at shops and businesses on this street has	2%	3%	18%	48%	13%	15%	178
drivers' awareness of bicyclists on this street has	2%	28%	40%	6%	1%	24%	17 9
drivers' speeds on this street have	2%	2%	19%	38%	31%	9%	175
how comfortable I feel when bicycling on this street has	2%	3%	55%	21%	12%	7%	178
how often I ride a bicycle overall has	3%	6%	45%	19%	3%	25%	177
the difficulty of making a left-turn off of this street has	2%	19%	45%	13%	3%	19%	175
the difficulty of navigating around turning motor vehicles has	4%	9%	60%	9%	3%	17%	173
the difficulty of navigating around pedestrians has	5%	12%	31%	24%	6%	23%	178

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for recreation/exercise)?

Mean number of days

8

22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us				
recently?	Yes	No	n	
	2%	۵7%	105	

5.8 About Walking

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n
73%	27%	471

24. How often do bicyclists in the bike lanes stop for pedestrians at	Usual	Someti	Rare	Nev	
unsignalized intersections?	ly	mes	ly	er	n
	14%	37%	36%	13%	34

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on this street have generally	5%	35%	42%	3%	1%	14%	353
the number of bicyclists riding on the sidewalk has	13%	32%	22%	10%	2%	22%	351
my satisfaction with the walking environment on this street has	3%	5%	49%	27%	10%	7%	356
my sense of safety when crossing this street has	3%	5%	51%	24%	10%	7%	355

26. Do you ever walk or jog in the protected bike lanes, rather than on the			
sidewalk?	Yes	No	Total
	3%	97%	367

5.9 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days

7

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	28%	52%	20%	376
Walking	55%	36%	9%	415
Bicycling	12%	24%	64%	336
Public Transportation	5%	27%	68%	342
Other	2%	9%	90%	67

29. What types of businesses in the area do

you patronize? (check all that apply)	Retail Shops		Banks		Restaurants		
	373	84%	214	48%	295	67%	
	Bars		Coffee Shop		Other		n
	105	24%	222	50%	101	23%	443

30. When you visit this area, how many businesses do you typically go to each time?	1	2	3 or more	n
	45%	42%	13%	443

31. Since the protected bike lanes were	A lot				A lot	
built, are you more or less likely to visit a	less	Somewhat		Somewhat	more	
business on this street?	likely	less likely	No change	more likely	likely	n
	3%	3%	83%	9.0%	3%	463

5.10Demographics

34. Do you have a current:	Yes	No	n
Driver's license	92%	8%	482
Transit pass	33%	67%	402
Carshare Membership	15%	85%	363

35. How many working motor vehicles does your household own o	r lease	? o	1	2	3 or more	n
		16%	6 55%	6 25%	4%	479
36. How many working adult bicycles does your household own?	0	1	2	3 or mor	e n	
	42%	22%	21%	15%	470	
37. INCLUDING YOURSELF, how many adults live in your househo	old?	1	2 3	or more	<u>n</u>	
					_	

37. INCLUDING YOURSELF, how many children live in your household?	o	1	2	3 or more	Total	
	82%	11%	5%	2%	254	

38. How long have you lived at this home? Mean years

/

40. Do you consid yourself:	er	Ameri Indian/ <i>i</i> a Nat	Alask	Asia n	Black/At		Hispani	c/Latino(a)	White/ Caucasia n	Othe r	Tota I
		2%)	5%	3%			2	86%	2	495
41. What is your age?	Mean	18-24	25-34	35-44	45-54	55-64	65+	n			
	53	3%	20%	20%	12%	15%	31%	465			

42. What is your gender	? Male	Female (Other To	tal				
	41%	59%	0% 47	73				
43. What is your emplo	yment stat	tus? Work	School	Work from l	nome Not ei	mployed n		
		55%	4%	9%	3	4%		
44. What is your an household incom		<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
		8.0%	26%	23%	15%	14%	3%	463
45. What is the highest level of school you have completed?	Some high school or less	High sch diploma GED	or So		•		or	n
	0%	3%	11	.% 3%	√o 4 ⁰	74%	5%	478

Source Online Paper n 26%

74%

495

6 RESIDENT SURVEY: SAN FRANCISCO – OAK AND FELL STREETS

6.1 About How You Get Around

	Commute Trips			
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	34%	30%	37%	478
Walking	21%	41%	39%	428
Bicycling	18%	20%	62%	425
Public Transportation	2006	· 70%	2206	, 57

	Other Trips (e.g. to the store, park, etc.			
1b. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	26%	63%	11%	465
Walking	40%	58%	2%	481
Bicycling	13%	38%	49%	422
Public Transportation	19%	68%	13%	459
Other	7%	24%	69%	98

2. Compared to two years ago, are you taking more or fewer trips by each	More	No	Fewer	
mode of transportation?	Trips	Change	Trips	n
Car/truck/motor vehicle (including carpool)	16%	52%	33%	495
Walking	40%	53%	7%	496
Bicycling	26%	65%	10%	452
Public Transportation	28%	50%	22%	494
Other	15%	74%	11%	109

6.2 About Your Neighborhood

 Over the past two years, changes to my neighborhood as a place for 	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	5%	16%	41%	24%	15%	512
driving have been	14%	39%	39%	6%	1%	500
bicycling have been	5%	8%	19%	40%	28%	475
taking public transportation have been	4%	16%	61%	15%	5%	501

	Very	Somewhat	Somewhat	Very	
4. Overall, my level of satisfaction with	Dissatisfied	Dissatisfied	Satisfied	Satisfied	n
transportation in my neighborhood is	6%	20%	42%	32%	508

13%

74%

103

6.3 About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	9%	26%	48%	17%	1%	518
Most drivers are predictable.	5%	26%	53%	15%	2%	518
Most bicyclists follow the rules of the road.	41%	34%	20%	5%	1.0%	518
Most bicyclists are predictable.	26%	36%	29%	7%	2.0%	519
Most pedestrians follow the rules of the road.	7%	24%	47%	22%	1%	520
Most pedestrians are predictable.	6%	22%	49%	22%	2.0%	519

6.4 About Bicycling

3	Strongly Disagree	Somewh Disagre	-	Somev Agre		Strongly Agree	/ No Opinion	n
Bicycling in my city is a convenient way to get places.	4%	9%		38%	ó	40%	9%	514
Bicycling in my neighborhood is safe.	10%	27%		42%	ó	15%	6%	515
I am familiar with the bicycle lanes and other bicycle facilities in my neighborhood.	2%	5%		27%	ó	64%	3%	511
I would like to bicycle more often for transportation.	17%	10%		25%	ó	34%	13%	508
I would be more likely to ride a bicycle if motor vehicles and bicycles were physically separated by a barrier.	16%	13%		20%	6	38%	12%	509
Facilities that encourage bicycling for transportation are a good way to improve public health.	4%	7%		26%	ó	58%	5%	516
7. Whether or not you currently ride a bicycle please consider how comfortable you would be riding a bicycle in each place:	-	Very mfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street		3%	1%	1%	4%	11%	80%	511
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane		54%	23%	9%	8%	5%	2%	514
(C) On a similar street to (B), but with a striped bike lane added	d	8%	15%	23%	19%	20%	15%	514
(D) On a similar street to (B), but with a physically separated bike lane		5%	5%	8%	14%	27%	40%	514

6.5 About the Protected Bike Lanes

8. Because of the protected bike lanes	Decrease d a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the desirability of living in my neighborhood has	9%	8%	32%	27%	14%	9%	507
the aesthetic appeal of these streets has	9%	15%	31%	24%	14%	8%	509
the safety of DRIVING on these streets has	10%	15%	29%	28%	10%	8%	509
the safety of BICYCLING on these streets has	4%	4%	5%	29%	51%	8%	511
the safety of WALKING on these streets has	8%	11%	56%	13%	8%	4%	510
the number of people I see riding bikes on these streets has	1%	1%	15%	38%	41%	6%	514
how well the streets works for all people has	9%	15%	11%	38%	20%	8%	512
Please indicate whether you agree or disagree with the following statements							
about the effectiveness of the problem bike lanes:	about the effectiveness of the protected		Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The protected bike lanes' design clear where cars can be and who designated bicycle lanes ar	ere the	Disagree 5%	11%	32%	50%	2%	509
The buffer effectively separates be cars.	kes from	6%	10%	39%	44%	2%	512
The buffer does a good job at pro bikes from cars.	otecting	6%	11%	44%	36%	4%	509
The protected bike lanes impro predictability of drivers and bic		9%	13%	40%	33%	5%	510
The protected bike lanes make where bicyclists and pedestrians s		6%	10%	34%	48%	3%	511
The protected bike lanes effect separate bicyclists from pedest		12%	18%	37%	27%	6%	510

11. Over time, my opinion of the protected bike lanes has become:	A Lot More Negative	Somewhat More Negative	No Change	Somewhat More Positive	A Lot More Positive	n
	12%	10%	25%	33%	20	508

 Please indicate whether you agree or disagree with the following statements about protected bike lanes. 	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	12%	8%	25%	52%	4%	506
Overall, I support separating bikes from cars.	3%	5%	26%	64%	2%	508

6.6 About Driving

13. Have you driven a moto		s section of the vere built?	e street since t	he protected bil	ce lanes	Yes N	No n
							3% 505
Consider the intersections p pages 5-6. Please indicate agree or disagree with the statements about the interse	whether you e following	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No opinio	on n
When I want to make a right to or Fell Streets, it is generally should cross over the bike lan turn.	clear where I	15%	20%	36%	28%	2%	436
When I want to make a turi bikeway, I am able to adequat are any approaching c	10%	20%	47%	22%	2%	435	
The intersection design provides me adequate time/space to move into the turn lane.		11%	20%	44%	20%	6%	434
14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinio	on n
how safe and predictable bicyclists are acting has	9%	9%	22%	40%	14%	5%	436
how safe and predictable drivers are acting has	3%	13%	32%	39%	7%	6%	435
the number of bicyclists riding in the same lanes with cars on Oak Street has	21%	29%	13%	15%	14%	8%	432
the number of bicyclists riding in the same lanes with cars on Fell Street has	23%	33%	13%	12%	9%	9%	436
the amount of time it takes me to drive on Oak Street has	3%	7%	60%	14%	8%	% 8%	
the amount of time it takes me to drive on Fell Street has	2%	7%	63%	13%	7%	8%	433

15. The impact of the protected bike lanes on	Very Negative	Somewhat Negative	No Impact/ Neutral	Somewhat Positive	Very Positive	Total
my ability to find a parking spot on these streets has been	33%	22%	44%	1%	1%	431
how stressful it is to park a car on these streets has been	32%	21%	46%	1%	1%	430
my ability to turn off of these streets at signalized intersections has been	11%	25%	45%	16%	4%	434
my ability to turn off of these streets into alleys, driveways, and parking lots has been	14%	22%	53%	8%	4%	430
my ability to pull onto these streets from alleys, driveways, and parking lots has been	12%	20%	59%	6%	3%	430

17a. Do you avoid driving on Oak Street because of the protected bike lanes?	Yes	No	n
	11%	89%	440

17b. Do you avoid driving on Fell Street because of the protected bike lanes?	Yes	No	n
	10%	90%	441

6.7 About Bicycling in the Protected Bike Lanes

18. Have you bicycled on this section of these streets since the protected lanes were built?	Yes	No	n
	46%	54%	511

19. How comfortable do you feel when	Very				Very			
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n	
Oak Street	7%	5%	9%	20%	29%	31%	231	
Fell Street	7%	6	10%	16	27%	34%	229	

20. Because of the Oak Street protected bike lanes . 	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	4%	2%	25%	35%	31%	3%	237
how often I stop at shops and businesses on this street has	4%	3%	72%	14%	2%	5%	236
drivers' awareness of bicyclists on this street has	3%	1%	10%	56%	27%	4%	235
how comfortable I feel when bicycling on this street has	2%	3%	15%	40%	37%	3%	235
the difficulty of making a left- turn off of this street has	5%	11%	49%	17%	5%	15%	235
the difficulty of navigating around turning motor vehicles has	8%	26%	40%	17%	2%	8%	235
how often I ride a bicycle overall has	3%	1%	61%	25%	6%	4%	236

20. Because of the Fell Street protected bike lanes . 	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	3%	2%	32%	35%	26%	1%	235
how often I stop at shops and businesses on this street has .	3%	3%	73%	15%	3%	3%	234
drivers' awareness of bicyclists on this street has	1%	1%	14%	56%	25%	2%	234
how comfortable I feel when bicycling on this street has	2%	3%	19%	43%	32%	1%	233
the difficulty of making a right-turn off of this street has	4%	10%	55%	17%	5%	9%	234
the difficulty of navigating around turning motor vehicles has	6%	29%	42%	16%	1%	6%	233
how often I ride a bicycle overall has	2%	1%	63%	24%	9%	2%	233

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for recreation/exercise)?

Mean number of days

11

22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us				
recently?	Yes	No	n	
	1%	99%	235	

6.8 About Walking

23. Have you walked on this section of these streets since the protected bike lanes were built?

Yes	No	n	
94%	6%	505	

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on these streets have generally	2%	13%	70%	6%	2%	7%	476
the number of bicyclists riding on the sidewalk has .	15%	32%	28%	11%	8%	7%	471
my satisfaction with the walking environment on these streets has	8%	10%	47%	27%	7%	3%	472
my sense of safety when crossing these streets has .	8%	13%	53%	18%	6%	2%	471

6.9 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days

1

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	8%	42%	50%	395
Walking	88%	11%	1%	496
Bicycling	6%	37%	57%	391
Public Transportation	5%	26%	69%	374
Other	5%	10%	86%	84

29. What types of businesses in the area do you

patronize? (check all that apply)	Retail Shops	Banks				
	406	77%	351	67%	434	83%
	Bars		Coffee Shop		Other	
	277	53%	378	72%	147	28%

30. When you visit this area, how many businesses do you typically go to each time?	1	2	3 or more	n
	39%	48%	13%	497

31. Since the protected bike lanes were	A lot				A lot	
built, are you more or less likely to visit a	less	Somewhat		Somewhat	more	
business on these streets?	likely	less likely	No change	more likely	likely	n
	4.0%	۸%	82%	8%	2%	E03

6.10 Demographics

34. Do you have a current:	Yes	No	n
Driver's license	95%	5%	509
Transit pass	67%	33%	462
Bikeshare Membership	4%	96%	195
Carshare Membership	31%	69%	435

35. How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	22%	50%	23%	5%	509

36. How many working	adult biovolog	loos vour b	aucah ald	own? o	_	_	_	, .	- or more	_
30. How many working	addit bicycles c	ides your in	Joseffold	own? o 29%	24%	24%	<u>3</u> 11%	4 5	or more 7%	n 506
37. INCLUDING YOURS	SELF, how many	adults live	in your h	ousehold?	1	2	3 4		n	
					31%	55% 8	8% 4%	6 2%	504	
37. INCLUDING YOURS	SELF, how many	/ children li	ve in you	r household?	. 0	1	2	3 or mo	re Total	
					73%	15%	10%	1%	288	_
38. How long have you	lived at this ho	me? Mea	n years							
30. How long have you	iiveu at tilis iio	ille: iviea	11							
39. Do you rent or own		Rent Ow								
		61% 39%	6 502							
	American									
40. Do you consider	Indian/Alasl Native	ca Asiar			Hispani		White/		shor T	
yourself:	2%	7%	ı Ali	nerican 7%	atino(a	a) (Caucasia 75%			otal 04
	270	//0		7,0	,		/3/0			-4
41. What is your age?	Mean 18-24	25-34	35-44 4	5-54 55-64	65+	n				
	46 1%	26%	27%	15%	12%	495				
144										
42. What is your gende		nale Oth		<u> </u>						
	50% 50	0% 0%	503							
43. What is your emplo	yment status?	Work S	School	Work from h	ome I	Not em	oloyed	n		
		66%	3%	18%		169	%	498		
44. What is your a	nnual									
household incom			5k-\$50k	\$50k-75k	\$75k-\$:		\$100k-\$		>\$200,000	n
	7-	0%	10%	14%	15%	ó	26%	Ď	13%	424
45. What is the	Some									
highest level of		ligh school	_					our-yea		
school you have completed?	school or dess	diploma or GED	Some colleg			Associa Degre		ollege o more	r Other	n
	0%	2%	12%			4%	-	77%	6%	498
						·				.5
Course Online Dec										
Source Online Pap										
3970 013	v 520									

6.11 Mixing Zone Questions

6.11.1 About Intersections on Oak Street

The following lane and intersection designs were recently installed along Oak Street. Whether or not you are familiar with the locations, please answer the following questions about the designs in the photos.

12. When traveling eastbound on Oak Street at the intersection of Broderick Street	٨	D	
Please indicate whether you think the person should be in lane A or B for each scenario	A	Ь	11
A motorist turning right should be in lane	5%	93%	519
A bicyclist continuing straight should be in lane	20%	78%	518
A bicyclist turning right should be in lane	1%	96%	519

13. When traveling eastbound on Oak Street at the intersection of Divisadero Street . . .

Please indicate whether you think the person should be in lane A, B or C for each scenario

	А	D	C	п
A motorist turning right should be in lane	3%	4%	90%	510
A bicyclist continuing straight should be in lane	2%	92%	4%	517
A bicyclist turning right should be in lane	1%	26%	71%	511

14. Do you think either of the above designs performs better at making clear where drivers and bicyclists should be when	The first design is	The second design is	Neither one	
approaching the intersection?	better	better	is better	n
	23%	55%	21%	497

6.11.2 About Intersections on Fell Street

The following lane and intersection designs were recently installed along Fell Street. Whether or not you are familiar with the locations, please answer the following questions about the designs in the photos.

12. When traveling westbound on Fell Street at the intersection of			Α		В		n
Please indicate whether you think the person should be in lane A or	B for each scena	rio	^	Ь			"
A motorist turning right should be in lane					3%	5	15
A bicyclist continuing straight should be in lane			72%	2	4%	5	14
A bicyclist turning right should be in lane			94%	- 2	2%	5	14
13. When traveling westbound on Fell Street at the intersection of	Divisadero Stre	eet					
Please indicate whether you think the person should be in lane A, B	or C for each sce	nario	Α	В	C	n	
A motorist turning left should be in lane			95%	1%	1%	516	
A bicyclist continuing straight should be in lane.			5%	91%	2%	515	
A bicyclist turning left should be in lane			73%	23%	1%	514	
14. Do you think either of the above designs performs better at	The first	The	second				
making clear where drivers and bicyclists should be when	design is	des	ign is	Ne	ither c	ne	
approaching the intersection?	better	be	etter	is	bette	r	n
	17%		61		23%		49

7 RESIDENT SURVEY: WASHINGTON DC - L STREET

7.1 About How You Get Around

	Commute Trips			
1a. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n
Car/truck/motor vehicle (including carpool)	21%	26%	53%	202
Walking	60%	19%	21%	208
Bicycling	8%	21%	72%	190
Public Transportation	26%	52%	22%	206
Other	6%	13%	82%	55

	Other Trips				
	(e.g. to the store, park, etc.)				
1b. For each mode of transportation, please indicate your level of use:	Most Trips	Some Trips	No Trips	n	
Car/truck/motor vehicle (including carpool)	22%	54%	24%	201	
Walking	61%	38%	1%	210	
Bicycling	12%	30%	58%	192	
Public Transportation	13%	77%	11%	200	
Other	6%	19%	76%	54	

2. Compared to two years ago, are you taking more or fewer trips by each mode of transportation?	More Trips	No Change	Fewer Trips	n
Car/truck/motor vehicle (including carpool)	16%	51%	32%	219
Walking	43%	48%	9%	223
Bicycling	27%	66%	8%	203
Public Transportation	32%	44%	24%	225
Other	8%	72%	21%	53

7.2 About Your Neighborhood

Over the past two years, changes to my neighborhood as a place for	Very Negative	Somewhat Negative	No Impact/No Changes	Somewhat Positive	Very Positive	n
walking have been	3%	16%	43%	23%	16%	227
driving have been	10%	34%	52%	4%	0%	218
bicycling have been	3%	7%	25%	35%	30%	215
taking public transportation have been	2%	11%	60%	19%	9%	224

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	n	
4. Overall, my level of satisfaction with transportation in my neighborhood is	3%	11%	46%	40%	228	

7.3 About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	16%	35%	43%	6%		229
Most drivers are predictable.	16%	33%	45%	6%		228
Most bicyclists follow the rules of the road.	33%	38%	26%	4%		228
Most bicyclists are predictable.	27%	35%	34%	5%		223
Most pedestrians follow the rules of the road.	9%	37%	38%	16%		233
Most pedestrians are predictable.	8%	24%	49%	18%		229

7.4 About Bicycling

Strongly Disagree					_	•	n
8%	7%		44%	б	42%		213
11%	27%		42%	6	20%		213
4%	6%		40%	6	50%		218
22%	13%		33%	б	33%		197
14%	9%		29%	б	48%		199
6%	4%		25%	6	65%		206
	nfortable	(2)	(2)	(1)	(c)		n
							229
		26%	8%	5%	2%	4%	229
3	12%	21%	19%	21%	20%	8%	229
	7%	7%	12%	11%	32%	32%	229
	22% 14% 6% Uncor	Disagree Disagree 8% 7% 11% 27% 4% 6% 22% 13% 14% 9% 6% 4% Very Uncomfortable (1) 3% 55% 55%	Disagree Disagree 8% 7% 11% 27% 4% 6% 22% 13% 14% 9% 6% 4% Very Uncomfortable (1) (2) 3% 1% 55% 26% 12% 21%	Disagree Disagree Agree 8% 7% 44% 11% 27% 42% 4% 6% 40% 22% 13% 33% 14% 9% 29% 6% 4% 25% Very Uncomfortable (1) (2) (3) 3% 1% 3% 55% 26% 8% 12% 21% 19%	Disagree Disagree Agree 8% 7% 44% 11% 27% 42% 4% 6% 40% 22% 13% 33% 14% 9% 29% 6% 4% 25% Very Uncomfortable (1) (2) (3) (4) 3% 1% 3% 5% 55% 26% 8% 5% 12% 21% 19% 21%	Disagree Disagree Agree Agree 8% 7% 44% 42% 11% 27% 42% 20% 4% 6% 40% 50% 22% 13% 33% 33% 14% 9% 29% 48% 6% 4% 25% 65% Very Uncomfortable (1) (2) (3) (4) (5) 3% 1% 3% 5% 15% 55% 26% 8% 5% 2% 12% 21% 19% 21% 20%	Disagree Agree Agree Opinion 8% 7% 44% 42% 11% 27% 42% 20% 4% 6% 40% 50% 22% 13% 33% 33% 14% 9% 29% 48% 6% 4% 25% 65% Very Uncomfortable (1) (2) (3) (4) (5) (6) 3% 1% 3% 5% 15% 74% 55% 26% 8% 5% 2% 4% 12% 21% 19% 21% 20% 8%

7.5 About the Protected Bike Lanes

8. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the desirability of living in my neighborhood has	3%	5%	38%	34%	20%		203
the aesthetic appeal of this street has	7%	15%	31%	27%	19%		217
the safety of DRIVING on this street has	11%	20%	36%	24%	9%		203
the safety of BICYCLING on this street has	2%	3%	6%	41%	48%		205
the safety of WALKING on this street has	4%	12%	56%	20%	7%		222
the number of people I see riding bikes on this street has	1%	1%	22%	45%	32%		20 9
how well the road works for all people has	11%	19%	9%	43%	18%		20 4
 Please indicate whether disagree with the followin about the effectiveness of bike lanes: 	g statements	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n_
disagree with the followin about the effectiveness of	g statements the protected esign makes it nd where the						n 227
disagree with the followin about the effectiveness of bike lanes: The protected bike lanes' d clear where cars can be ar	g statements the protected esign makes it nd where the nes are.	Disagree	Disagree	Agree	Agree		
disagree with the followin about the effectiveness of bike lanes: The protected bike lanes' d clear where cars can be ar designated bicycle la	g statements the protected esign makes it nd where the nes are. etes bikes from at protecting	Disagree 8%	Disagree	Agree 36%	Agree 44%		227
disagree with the followin about the effectiveness of bike lanes: The protected bike lanes' d clear where cars can be ar designated bicycle la The buffer effectively separa cars. The buffer does a good job	esign makes it and where the nes are. etes bikes from at protecting s. improve the	Disagree 8%	Disagree 13% 14%	Agree 36% 37%	Agree 44%		227
disagree with the followin about the effectiveness of bike lanes: The protected bike lanes' d clear where cars can be ar designated bicycle la The buffer effectively separa cars. The buffer does a good job bikes from car.	esign makes it and where the nes are. at protecting s. improve the and bicyclists.	8% 8% 7%	13% 14%	36% 37% 42%	Agree 44% 41% 37%		227 224 219

11. Over time, my opinion of the protected bike lanes has become:	A Lot More Negative	Somewhat More Negative	No Change	Somewhat More Positive	A Lot More Positive	n
	7%	9%	33%	31%	20	229

12. Please indicate whether you agree or disagree with the following statements about protected bike lanes.	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would support building more protected bike lanes at other locations.	10%	7%	31%	52%		219
Overall, I support separating bikes from cars.	3%	3%	18%	77%		223

7.6 About Driving

13. Have you driven a motor vehicle on this section of the street since the protected bike lanes				
were built?	Yes	No	n	
	73%	27%	225	

14. Since the protected bike lanes were built	Decreased a lot	Decreased somewhat	Not changed	Increased somewhat	Increased a lot	No Opinion	n
the number of bicyclists riding in the same lanes with cars on the street has	31%	28%	15%	18%	8%		155
how safe and predictable bicyclists are acting has	5%	11%	29%	36%	19%		160
how safe and predictable drivers are acting has	3%	16%	41%	32%	8%		161
the amount of time it takes me to drive on the street has	4%	11%	54%	19%	12%		153

15. The impact of the protected bike lanes on	Very Negati		mewhat legative	No Imp Neuti		omewhat Positive	Very Positive	Total
traffic congestion has been	15%		24%	52%)	10%	0%	169
my ability to turn off of this street at signalized intersections has been	10%		39%	37%	1	13%	2%	168
my ability to turn off of this street into alleys, driveways, and parking lots has been	10%		27%	55%)	6%	2%	168
my ability to pull onto this street from alleys, driveways, and parking lots has been	8%		23%	61%)	8%	1%	168
my ability to find a parking spot on this street has been	28%		18%	51%)	3%	1%	166
how stressful it is to park a car on this street has been	26%		19%	51%)	3%	1%	166
16a. Please indicate whether you agre disagree with the following statemer		Strongly Disagree	Somewl Disagre		omewhat Agree	Strongly Agree	No opinion	n
When I want to make a turn off of L Str	oot							
across the bikeway, I am able to adequa see if there are any approaching cyclist the bike lane.	itely	16%	27%		35%	23%		148
The designated merge zone for left-turn vehicles provides me adequate time/sp to move into left turn lane.		19%	21%		36%	25%		150
When attempting to turn left off of L Sta I am sometimes unable to move into designated left turn lane, and forced to from another lane.)	20%	20%		42%	19%		135
16b. How often do you encounter d mixing zone or left	-	•	rked in the	Neve	er Rarel	y Sometime	es Usually	n
				10%	22%	47%	21%	168
17. Do you avoid driving on this street	hecause	of the pro	stacted hike	lanes?	Yes N	o n		
17. Do you avoid driving on this street	necause	or the pro	rected bike	iailes:				
					14% 86	% 172		

7.7 About Bicycling in the Protected Bike Lanes

Have you bicycled on this section of this s	treet since the protecte	d lane	s were	built?	Yes	No n	
					30%	69% 229	
19. How comfortable do you feel when	Very					Very	
bicycling in the protected bike lanes?	Uncomfortable (1)	(2)	(3)	(4)	(5)	Comfortable (6)	n
	4%	3%	6%	17%	25%	46%	79

20. Because of the protected bike lanes .	Decrease d a lot	Decrease d somewha t	Not Change d	Increased somewha t	Increase d a lot	No Opinio n	n
the likelihood that I will choose to bicycle on this street as opposed to other streets has	0%	0%	12%	28%	58%	3%	7
the time it takes me to bicycle on this street has	25%	38%	17%	5%	12%	4%	7
the usefulness of this street for getting places I want to go has	1%	3%	18%	34%	42%	1%	7
how often I stop at shops and businesses on this street has	o%	4%	49%	30%	12%	5%	7
drivers' awareness of bicyclists on this street has	ο%	3%	13%	63%	17%	4%	6
drivers' speeds on this street have	1%	18%	68%	5%	0%	7%	7
how comfortable I feel when bicycling on this street has	o%	1%	12%	30%	54%	3%	7
how often I ride a bicycle overall has	0%	3%	38%	30%	26%	4%	7
the difficulty of making a left-turn off of this street has	1%	12%	37%	37%	4%	9%	7
the difficulty of navigating around turning motor vehicles has	5%	14%	35%	31%	5%	9%	7
the difficulty of navigating around pedestrians has	8%	15%	58%	13%	4%	3%	7

21. In the past 30 days, how many days have you bicycled for transportation (i.e. not just for	
recreation/exercise)?	Mean number of days

....omber or a

22. Did you fill out a separate online bicyclist survey about these protected bike lanes from us				
recently?	Yes	No	n	
	6%	04%	70	

7.8 About Walking

23. Have you walked on this section of the street since the protected bike lanes were built?

Yes	No	n
97%	3%	230

25. Because of the protected bike lanes	Decreased a lot	Decreased somewhat	Not Changed	Increased somewhat	Increased a lot	No Opinion	n
drivers' speeds on this street have generally	1%	16%	67%	5%	0%	11%	221
the number of bicyclists riding on the sidewalk has	12%	36%	26%	13%	6%	7%	221
my satisfaction with the walking environment on this street has	4%	7%	51%	28%	8%	2%	222
my sense of safety when crossing this street has	5%	14%	51%	20%	8%	3%	222

26. Do you ever walk or jog in the protected bike lanes, rather than on the sidewalk?	Yes	No	Total
	7%	93%	225

7.9 About Visiting Businesses

27. How many days per month do you spend money at businesses on or near this street? Mean number of days
--

11

28. How did you travel to get there?	Most of the time	Some of the time	Never	n
Car/truck/etc	7%	29%	63%	175
Walking	89%	10%	1%	220
Bicycling	9%	26%	65%	171
Public Transportation	6%	38%	55%	172
Other	4%	4%	91%	46

29. What types of businesses in the area d you patronize? (check all that apply)		il Shops		Banks		Resta	urants		
		140	59%	138	59%	19)1	81%	
		Bars		Coffee Shop		Otl	ner		n
		104	44%	150	64%	4	0	17%	23
30. When you visit this area, how many bus	sinesses do	o you typic	cally go	o to each time?	1	2	3 or mo	re	n
o. When you visit this area, how many bus	sinesses do	o you typic	cally go	to each time?	1 53%	2 32%	3 or mo		
31. Since the protected bike lanes were	sinesses do	o you typic	cally go	o to each time?					
31. Since the protected bike lanes were built, are you more or less likely to visit a	A lot less	Somev	what		53% Som	32% ewhat	14% A le mo	ot ore	n 225
30. When you visit this area, how many bus 31. Since the protected bike lanes were built, are you more or less likely to visit a business on this street?	A lot		what	o to each time? No change	53% Som	32%	14% A le	ot ore	

7.10 Demographics

34. Do you have a current:	Yes	No	n
Driver's license	95%	5%	229
Transit pass	91%	9%	217
Bikeshare Membership	16%	84%	198
Carshare Membership	29%	71%	199

35. How many working	ı motor v	ehicles o	oes y	our hous	sehold ov	n or leas	s e? o 38'					n 26
							30	/0 4 <i>/</i>	,,,, 1	170	470 2	20
36. How many working	յ adult bi	icycles d	es yo	ur house	ehold ow	n? o	1	2	3 0	r more	n	
						50%	22%	20%	Ď	9%	225	
37. INCLUDING YOUR	SELF, ho	w many	adults	live in y	our hous	ehold?	1	2	3 or n	nore n		
							42%	51%	7%	6 22	7	
37. INCLUDING YOUR	SELF, ho	w many	childr	en live ir	n your ho	usehold?	· o	1	2	3 or moi	e Total	
							87%	6%	6%	2%	127	_
38. How long have you 39. Do you rent or own			ne?	Mean ye 8 Own	ears n							
		4	.8%	51%	224							
40. Do you consider yourself:	India	merican an/Alask Native		Asian	Black/Af Ameri		Hispani atino(hite/ casian	Other	Tot
		1%		9%	7%		7		7	ο%	2%	23
,		1%		<i>J</i> , v	,							
41. What is your age?	Mean	1%	25-3	4 35-4	·	55-64	65+	n	_			

43. What is your employment status?	Work	School	Work from home	Not employed	n
	70%	5%	10%	10%	230

50% 0% 224

44. What is your annual household income?	<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	3.0%	9%	21%	16%	32%	14%	199

42. What is your gender? Male Female Other Total 50%

45. What is the highest level of	Some high	High school	Cama	Trodo Mas	Associate	Four-year		
school you have completed?	school or less	diploma or GED	Some college	Trade/Voc school	Associate Degree	college or more	Other	n
	0%	3%	5%	1%	1%	90%	1%	218

Source	Source Online		n
	37%	63%	236

8 BICYCLIST SURVEY: AUSTIN – BARTON SPRINGS

8.1 Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	19%	31%	6%	6%	19%	19%	16
going TO on your bicycle?	35%	35%	0%	0%	18%	12%	17

8.2 Eastbound Cycle Track

How often do you ride a bicycle EASTBOUND	This was	Less than	A few	A few	Daily	n
(toward 1st Street and Congress Avenue) on this	my first	once a	times a	times a		
part of Barton Springs Road?	time	month	month	week		
	0%	11%	6%	50%	33%	18

How comfortable do you feel when bicycling in	Very	(2)	(3)	(4)	(5)	Very	n
the Barton Spring Road separated bikeway?	Uncomfortable (1)					Comfortable (6)	
	11%	6%	11%	17%	33%	22%	18

Since the [FACILITY] was built, do you	Less	More	About the	This is my first time on	n
travel on this route:	frequently	frequently	same	this route	
	0%	39%	56%	6%	18

When bicycling EASTBOUND (toward 1st Street and Congress Avenue) on Barton Springs Road between Lamar Boulevard and 1st Street, how often do you ride on the following:	Always	Most of the time	Some of the time	Never	n
Protected bike lanes	59%	29%	12%	ο%	17
Standard traffic lanes	ο%	7%	29%	64%	14
Sidewalk	0%	ο%	43%	57%	14
Shared-use path on north side of Barton Springs Road	13%	13%	20%	53%	15

Consider the trip you were making when you were handed the postcard. Before the Barton Spring Road protected bike lanes were built, how would you have made this trip?	By bicycle, using this same route	By bicycle, using this same route, on the sidewalk	By bicycle, using another route	By foot	By public transportation	By car	By taxi	I would NOT have taken this trip	Other	n
	61%	28%	6%	0%	0%	0%	0%	ο%	6%	18

8.3 About Changes Due to the Separated Bikeway

Because of the Barton Spring Road protected bike lanes	Decreased a lot	Decreased Somewhat	Not Changed	Increased Somewhat	Increased A lot	No Opinion	n
I feel the safety of bicycling on Barton Spring Road has	0%	ο%	11%	33%	56%	0%	18
the time it takes me to bicycle on Barton Spring Road has	6%	28%	61%	6%	0%	0%	18
the usefulness of Barton Spring Road for getting to places I want to go has	0%	0%	22%	33%	44%	0%	18
how often I stop at shops and businesses on Barton Spring Road has	0%	0%	89%	11%	0%	0%	18
how comfortable I feel when bicycling on Barton Spring Road has	0%	6%	11%	28%	56%	0%	18
drivers' awareness of people biking on Barton Spring Road has	0%	о%	33%	28%	28%	11%	18
drivers' speeds on Barton Spring Road have	0%	6%	83%	0%	0%	11%	18
how often I ride a bicycle overall has	0%	ο%	67%	11%	22%	0%	18
the difficulty of navigating around turning motor vehicles has	17%	33%	33%	17%	0%	0%	18
the difficulty of navigating around pedestrians has	22%	17%	61%	ο%	0%	0%	18
the difficulty of making a left- turn off of Barton Springs Road has	0%	28%	39%	28%	0%	6%	18
how comfortable I feel bicycling with my kids has	0%	ο%	17%	17%	0%	67%	18
how safe I feel bicycling with my kids has	0%	6%	11%	17%	0%	67%	18

8.4 Your Opinions about the Separated Bikeway

Please indicate if you agree or disagree with the following statements about the Barton Spring	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Road protected bike lanes:						
I would go out of my way to ride on [STREET] compared to other streets.	6%	13%	38%	44%	0%	16
Taking [STREET] is the most direct bicycle route to my destination.	0%	13%	13%	69%	6%	16
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	0%	0%	69%	31%	0%	16
Leaves and debris in the [FACILITY] are worse than other places I ride.	19%	38%	31%	6%	6%	16
The [FACILITY] is wide enough for me to ride comfortably.	0%	0%	25%	75%	0%	16
The [FACILITY] is wide enough for one bicyclist to pass another.	0%	19%	44%	38%	0%	16
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	6%	25%	50%	13%	6%	16
If I am bicycling with another adult, I would prefer to ride side-by-side.	13%	25%	13%	38%	13%	16
The [FACILITY] is safer than other [FACILITIES IN CITY].	0%	0%	31%	50%	19%	16

Please indicate if you disagree or agree with the	Strongly	Somewhat	Somewhat	Strongly	No	n
following statements about the effectiveness of	Disagree	Disagree	Agree	Agree	Opinion	
the Barton Spring Road protected bike lanes:						
The [FACILITY] makes it clear where cars can be	ο%	0%	31%	63%	6%	16
and where the designated bicycle lanes are.						
The intersection signals, signs, and street	ο%	31%	25%	31%	13%	16
markings make it clear who has the right-of-way						
at intersections.						
The [buffer] effectively separates bikes from	ο%	0%	69%	25%	6%	16
cars.						
The [buffer] does a good job at protecting bikes	ο%	31%	44%	19%	6%	16
from cars.						
The [FACILITY] makes drivers and bicyclists	6%	6%	50%	31%	6%	16
more predictable.						
The [FACILITY] makes it clear where pedestrians	0%	6%	44%	44%	6%	16
and bicyclists should be.						
The [FACILITY] design effectively separates	ο%	13%	44%	38%	6%	16
bicyclists from pedestrians.						

8.5 About What You Encounter in the Protected Bike Lanes

	How	,	ou encounter th otected Bike La		ig	How	nuch of a prob	olem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	69%	19%	6%	6%	16	86%	7%	7%	14
Cars loading or unloading passengers	44%	38%	19%	0%	16	54%	31%	15%	13
Delivery vehicles loading or unloading	33%	40%	27%	0%	15	50%	21%	29%	14
Taxis	73%	20%	7%	ο%	15	86%	14%	0%	14
Cars/trucks driving where they are not supposed to (in the [FACILITY])	63%	13%	19%	6%	16	64%	14%	21%	14
Cars/trucks waiting to make turns OFF of [STREET]	38%	13%	25%	25%	16	43%	29%	29%	14
Cars/trucks waiting to pull out ONTO [STREET]	25%	31%	25%	19%	16	29%	29%	43%	14
People walking in the [FACILITY]	38%	31%	25%	6%	16	43%	43%	14%	14
People standing in the [FACILITY] while waiting to cross the street	31%	38%	25%	6%	16	50%	50%	0%	14
Bicyslists Travelling in the WRONG direction	19%	44%	25%	13%	16	50%	36%	14%	14

While riding in the Barton Spring Road protected bike lanes, have you had	Yes, a	Yes, A Near	No,	n
collisions or near-collisions with other people or objects on the road?	collision	Collision	Neither	
	0%	18%	82%	17

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	0	1	17
A pedestrian	0	1	17
A turning car	0	3	17
A parking car	0	1	17
A parked car	0	0	17
A delivery truck	0	1	17
A bus	0	1	17
A taxi	0	1	17
One of the plastic flexposts	0	1	17
Other stationary object	0	0	17
Something else	0	0	17

8.6 Buffer Upgrade

Ī	Did you ever ride in the cycle track before the flexposts were in place?	Yes	No	n
Ī		82%	18%	17

Because of the plastic flexposts	Decreased a lot	Decreased Somewhat	Not Changed	Increased Somewhat	Increased A lot	No Opinion	n
I feel the safety of bicycling in the cycle track has	7%	0%	0%	71%	21%	0%	14
how comfortable I feel when bicycling in the cycle track has	7%	ο%	21%	43%	29%	0%	14

8.7 Barton Spring Road Shared-use Path

Ī	Have you ridden a bike on this path since it was improved from a sidewalk?	Yes	No	n	
		76%	24%	17	

How often do you ride a bicycle on	This was my	Less than once a	A few times a	A few times a	Daily	n
this part of [STREET]?	first time	month	month	week		
	0%	0%	15%	46%	38%	13

How comfortable do you feel when bicycling in	Very	(2)	(3)	(4)	(5)	Very	n
the Barton Spring Road shared-use path?	Uncomfortable (1)					Comfortable (6)	
	23%	0%	8%	38%	8%	23%	13

Since the Barton Spring Road shared-use path	Less	More	About the	This is my first time	n
was built, do you travel on this route:	frequently	frequently	same	on this route	
	ο%	38%	62%	0%	13

When bicycling WESTBOUND (toward Lamar Boulevard and Barton Springs Pool) on Barton Springs Road between Lamar Boulevard and 1st Street how often do you ride on the following:	Always	Most of the time	Some of the time	Never	n
Shared Use Path	31%	38%	23%	8%	13
Standard traffic lanes	ο%	17%	33%	50%	12
Cycle track on south side of BS Road	17%	ο%	25%	58%	12
Sidewalk on south side of BS Road	0%	8%	25%	67%	12

8.8 About Changes Due to the Shared-use Path

[D		- ·	NI.		Ι, .	L 5.1	
Because of the Barton Spring	Decreased	Decreased	Not	Increased	Increased	No	n
Road SHARED-USE PATH	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on Barton Spring Road has	0%	о%	0%	46%	54%	0%	13
the time it takes me to bicycle on Barton Spring Road has	8%	23%	54%	15%	0%	0%	13
the usefulness of Barton Spring Road for getting to places I want to go has	0%	0%	31%	38%	31%	ο%	13
how comfortable I feel when bicycling on Barton Spring Road has	0%	0%	8%	38%	54%	0%	13
how often I ride a bicycle overall has	0%	ο%	69%	15%	15%	0%	13
the difficulty of navigating around pedestrians has	0%	23%	15%	46%	15%	0%	13
the difficulty of making a left- turn off of Barton Springs Road has	0%	15%	46%	23%	8%	8%	13
how comfortable I feel bicycling with my kids has	0%	о%	15%	8%	8%	69%	13
how safe I feel bicycling with my kids has	0%	8%	8%	8%	8%	69%	13

8.9 Your Opinions about the Shared-use Path

Please indicate if you agree or disagree with the following statements about the Barton Spring Road SHARED-USE PATH:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would go out of my way to ride on [STREET] compared to other streets.	0%	15%	31%	46%	8%	13
The curb and grass buffer between the traffic lanes and the bikeway makes me feel safe.	0%	0%	23%	62%	15%	13
The [FACILITY] is wide enough for me to ride comfortably.	38%	38%	0%	15%	8%	13
The [FACILITY] is wide enough for me to ride comfortably.	0%	0%	38%	62%	0%	13
The [FACILITY] is wide enough for one bicyclist to pass another.	15%	15%	23%	46%	0%	13
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	31%	31%	38%	0%	0%	13
The [FACILITY] is safer than other [FACILITIES IN CITY].	0%	0%	38%	54%	8%	13
The signs and markings make it clear where bikes are supposed to ride up the ramp from the road onto the path	0%	0%	31%	69%	0%	13
The shared-use path is wide enough to allow me to comfortably pass pedestrians	0%	23%	46%	31%	0%	13

Please indicate if you disagree or agree with the	Strongly	Somewhat	Somewhat	Strongly	No	n
following statements about the effectiveness of	Disagree	Disagree	Agree	Agree	Opinion	
the Barton Spring Road SHARED-USE PATH:						
The intersection signals, signs, and street	ο%	38%	46%	15%	ο%	13
markings make it clear who has the right-of-way						
at intersections.						
The [buffer] effectively separates bikes from	ο%	8%	0%	77%	15%	13
cars.						
The [buffer] does a good job at protecting bikes	8%	8%	0%	77%	8%	13
from cars.						
The [FACILITY] makes it clear where pedestrians	ο%	15%	46%	31%	8%	13
and bicyclists should be.						
The [FACILITY] design effectively separates	23%	23%	38%	8%	8%	13
bicyclists from pedestrians.						

8.10 About What You Encounter in the Shared-use Path

	How	How often do you encounter the following IN the Protected Bike Lanes?					How much of a problem is this?				
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n		
People walking in the bike lane portion of the shared use path	0%	15%	62%	23%	13	25%	58%	17%	12		
People standing in the bike lane portion of the shared use path while waiting to cross the street	0%	15%	54%	31%	13	25%	58%	17%	12		
Bicyslists Travelling in the WRONG direction	0%	31%	46%	23%	13	50%	33%	17%	12		

While riding in the Barton Spring Road protected bike lanes, have you had	Yes, a	Yes, A Near	No,	n
collisions or near-collisions with other people or objects on the road?	collision	Collision	Neither	
	0%	15%	85%	13

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	0	2	13
A pedestrian	0	1	13
A turning car	0	1	13
A stationary object	0	0	13
Something else	0	0	13

8.11About Bicycling and Comfort

Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street	0%	0%	12%	ο%	0%	88%	17
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	24%	24%	35%	18%	0%	0%	17
(C) On a similar street to (B), but with a striped bike lane added	0%	6%	18%	35%	35%	6%	17
(D) On a similar street to (B), but with a physically separated bike lane	0%	6%	0%	6%	35%	53%	17

How comfortable would you feel bicycling on a commercial street with two lanes of traffic in each direction, with traffic speeds of 35 miles per hour (Situation D above), but with the following types of separation from traffic:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
With a painted buffer and parked cars	6%	6%	18%	12%	29%	29%	17
With a 2-3 foot buffer and plastic flexposts	6%	0%	6%	0%	41%	47%	17
With a painted 2-3 foot buffer	0%	0%	18%	41%	29%	12%	17
With planters separating the bikeway	0%	6%	6%	0%	18%	71%	17
With a solid painted buffer	0%	6%	12%	35%	18%	29%	17
with a raised concrete curb	6%	12%	ο%	6%	35%	41%	17

8.12About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	6%	24%	65%	6%	0%	17
Most drivers are predictable.	18%	18%	59%	6%	0%	17
Most bicyclists follow the rules of the road.	6%	53%	29%	12%	0%	17
Most bicyclists are predictable.	12%	41%	29%	18%	0%	17
Most pedestrians follow the rules of the road.	18%	29%	41%	12%	0%	17
Most pedestrians are predictable.	18%	41%	29%	12%	0%	17

8.13 Demographics

Do you have a current:	Yes	No	Ν
Driver's license	82%	18%	17
Transit pass	24%	76%	17
Carshare Membership	12%	88%	17

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	24%	18%	53%	6%	17

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	0%	29%	24%	47%	17

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	35%	47%	18%	17

How many children live in your household?	0	1	2	3 or more	n
	45%	9%	36%	9%	11

What is your gender?	Male	Female	Other	Total
	76%	24%	ο%	17

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	36.6	24%	18%	24%	35%	0%	17

Do you consider yourself:	American Indian/Alaska Native	Asian	Black/African American	Hispanic/Latino(a)	White/ Caucasian	Other	Total
	0%	13%	0%	0%	75%	13%	16

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	76%	12%	18%	0%	17

What is your annual household	<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
income?							
	7%	33%	13%	7%	33%	7%	15

What is the highest	Some high	High school	Some	Trade/Voc	Associate	Four-year	Other	n
level of school you	school or	diploma or	college	school	Degree	college or		
have completed?	less	GED				more		
	6%	0%	6%	ο%	0%	76%	12%	17

9 BICYCLIST SURVEY: AUSTIN - RIO GRANDE

9.1 Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	42%	22%	8%	8%	6%	14%	36
going TO on your bicycle?	29%	21%	31%	0%	10%	10%	42

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	2%	0%	5%	40%	52%	42

How comfortable do you feel when bicycling	Very	(2)	(3)	(4)	(5)	Very	n
	Uncomfortable					Comfortable	
	(1)					(6)	
in the Rio Grande Street cycle track in the lane closest to the sidewalk (i.e. southbound)?	5%	2%	2%	0%	12%	79%	42
in the Rio Grande Street cycle track in the lane closest to the standard traffic lanes and plastic flexposts (i.e. northbound)?	5%	5%	0%	7%	12%	71%	42

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	0%	79%	12%	10%	42

When bicycling on [FACILITY], how often do you ride on the following:	Always	Most of the time	Some of the time	Never	n
Protected bike lanes	79%	21%	0%	0%	42
Standard traffic lanes	0%	0%	50%	50%	38
Sidewalk	0%	3%	11%	87%	38

Consider the trip you were making when you were handed the postcard. Before the Rio Grande Street protected bike lanes were built, how would you have made this trip?	By bicycle, using this same route	By bicycle, using another route	By foot	By public transportation	By car	By taxi	I would NOT have taken this trip	Other	n
	55%	38%	2%	2%	0%	0%	0%	2%	42

9.2 About Changes Due to the Protected Bike Lanes

Because of the Rio Grande Street protected bike lanes	Decreased a lot	Decreased Somewhat	Not Changed	Increased Somewhat	Increased A lot	No Opinion	n
I feel the safety of bicycling on Rio Grande Street has	0%	5%	2%	26%	64%	2%	42
the time it takes me to bicycle on Rio Grande Street has	21%	33%	24%	12%	5%	5%	42
the usefulness of Rio Grande Street for getting to places I want to go has	0%	0%	12%	33%	52%	2%	42
how often I stop at shops and businesses on Rio Grande Street has	0%	7%	67%	12%	5%	10%	42
how comfortable I feel when bicycling on Rio Grande Street has	2%	2%	5%	14%	74%	2%	42
drivers' awareness of people biking on Rio Grande Street has	2%	10%	5%	38%	31%	14%	42
drivers' speeds on Rio Grande Street have	0%	17%	48%	2%	2%	31%	42
how often I ride a bicycle overall has	0%	0%	57%	21%	17%	5%	42
the difficulty of navigating around pedestrians has	19%	31%	29%	17%	0%	5%	42
the difficulty of turning across Rio Grande Street while bicycling has	2%	36%	29%	19%	5%	10%	42
how comfortable I feel bicycling with my kids has	0%	0%	5%	2%	0%	93%	42
how safe I feel bicycling with my kids has	0%	0%	5%	2%	0%	93%	42

9.3 Your Opinions about the Protected Bike Lanes

Strongly

Somewhat

Somewhat

Strongly

No

Please indicate if you agree or disagree with the

bicyclists from pedestrians.

following statements about the Rio Grande Street protected bike lanes:	Disagree	Disagree	Agree	Agree	Opinion	n
I would go out of my way to ride on [STREET] compared to other streets.	5%	7%	45%	38%	5%	42
Taking [STREET] is the most direct bicycle route to my destination.	2%	17%	24%	52%	5%	42
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	0%	10%	26%	62%	2%	42
Leaves and debris in the [FACILITY] are worse than other places I ride.	43%	31%	5%	2%	19%	42
The [FACILITY] is wide enough for me to ride comfortably.	0%	0%	10%	88%	2%	42
The [FACILITY] is wide enough for one bicyclist to pass another.	0%	12%	33%	52%	2%	42
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	12%	26%	33%	24%	5%	42
If I am bicycling with another adult, I would prefer to ride side-by-side.	5%	26%	24%	36%	10%	42
The [FACILITY] is safer than other [FACILITIES IN CITY].	0%	5%	14%	79%	2%	42
The cycle track is wide enough for me to be comfortable passing by a bicyclist going in the opposite direction	0%	0%	12%	86%	2%	42
			Γ		ı	1
Please indicate if you disagree or agree with the following statements about the effectiveness of the Rio Grande Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	2%	0%	10%	86%	2%	42
The intersection signals, signs, and street markings make it clear who has the right-of-way at intersections.	7%	19%	33%	36%	5%	42
The [buffer] effectively separates bikes from cars.	0%	5%	29%	64%	2%	42
The [buffer] does a good job at protecting bikes from cars.	5%	14%	38%	40%	2%	42
The [FACILITY] makes drivers and bicyclists more predictable.	5%	12%	29%	52%	2%	42
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	0%	2%	24%	71%	2%	42
The [FACILITY] design effectively separates	2%	10%	17%	67%	5%	42
later relience from the electric and		i e	ı	i	1	

9.4 About What You Encounter in the Protected Bike Lanes

	How o	,	ou encounter th otected Bike La		ng	How	much of a prob	olem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	37%	27%	27%	10%	41	40%	33%	28%	40
Cars loading or unloading passengers	21%	38%	24%	17%	42	40%	35%	25%	40
Delivery vehicles loading or unloading	21%	26%	31%	21%	42	38%	30%	33%	40
Taxis	62%	14%	17%	7%	42	67%	18%	15%	39
Cars/trucks driving	61%	22%	5%	12%	41	68%	5%	28%	40
Cars/trucks waiting to make turns OFF of [STREET]	43%	21%	21%	14%	42	68%	18%	15%	40
Cars/trucks waiting to pull out ONTO [STREET]	38%	19%	19%	24%	42	65%	13%	23%	40
People walking in the [FACILITY]	19%	31%	31%	19%	42	38%	43%	20%	40
People standing in the [FACILITY] while waiting to cross the street	12%	26%	45%	17%	42	25%	58%	18%	40
Bicyslists Travelling in the WRONG direction	38%	43%	14%	5%	42	63%	28%	10%	40

While riding in the Rio Grande Street protected bike lanes, have you had collisions or near-collisions with other people or objects on the road?	Yes, a collision	Yes, A Near Collision	No, Neither	n
	0%	19%	81%	42

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	0	2	42
A pedestrian	0	7	42
A turning car	1	6	42
A parking car	0	3	42
A parked car	0	3	42
A delivery truck	0	3	42
A bus	0	0	42
A taxi	0	1	42
One of the plastic flexposts	1	1	42
Other stationary object	1	0	42
Something else	1	1	42

9.5 About the MLK Intersection

Have you ridden through this intersection (travelling NB) in this direction since the cycle track was built?	Yes, a collision	Yes, A Near Collision	n
	90%	10%	42

When riding northbound through this intersection (toward the cycle track - as shown in the photo), I ride in the	Always	Most of the time	Some of the time	Never	n
Bike Lane	92%	8%	0%	0%	38
Crosswalk	0%	0%	17%	83%	29

How comfortable do you feel bicycling through this intersection in the bike lane?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	6%	6%	17%	22%	42%	8%	36

How satisfied are you with	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	n
The amount of time you have to wait for the signal to turn green	5%	26%	53%	16%	38
How long the signal stays green while you are crossing	5%	21%	29%	45%	38

Have you ridden through this intersection (travelling NB) in this direction since the cycle track was built?	Yes, a collision	Yes, A Near Collision	n
	81%	19%	42

How comfortable do you feel bicycling through this intersection in the bike lane?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	6%	3%	12%	18%	35%	26%	34

How often do you wait for the bicycle signal to turn green before crossing MLK?	Always	Most of the time	Some of the time	Never	n	n
	32%	38%	24%	6%	0%	34

How satisfied are you with	Strongly	Somewhat	Somewhat	Strongly	n
	Disagree	Disagree	Agree	Agree	
The amount of time you have to wait for the signal to turn green	24%	24%	38%	15%	34
How long the signal stays green while you are crossing	6%	18%	44%	32%	34

How often are the following blocking your way through the intersection when the bicycle signal is green:	Never	Some of the time	Most of the time	Always	n
Cars/trucks	53%	47%	0%	0%	34
Pedestrians	65%	35%	0%	ο%	34

9.6 About Bicycling and Comfort

Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street	0%	2%	2%	2%	14%	79%	42
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	26%	26%	31%	10%	7%	0%	42
(C) On a similar street to (B), but with a striped bike lane added	2%	7%	10%	43%	33%	5%	42
(D) On a similar street to (B), but with a physically separated bike lane	0%	2%	0%	7%	21%	69%	42

How comfortable would you feel bicycling on a commercial street with two lanes of traffic in each direction, with traffic speeds of 35 miles per hour (Situation D above), but with the following types of separation from traffic:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
With a painted buffer and parked cars	7%	7%	0%	24%	36%	26%	42
With a 2-3 foot buffer and plastic flexposts	0%	2%	2%	17%	12%	67%	42
With a painted 2-3 foot buffer	2%	2%	5%	19%	45%	26%	42
With planters separating the bikeway	2%	0%	0%	2%	14%	81%	42
With a solid painted buffer	2%	0%	7%	19%	45%	26%	42
with a raised concrete curb	2%	2%	5%	12%	12%	67%	42

9.7 About People You Encounter on the Street

Please indicate if you agree or disagree	Strongly	Somewhat	Somewhat	Strongly	No	n
with the following statements:	Disagree	Disagree	Agree	Agree	Opinion	
Most drivers follow the rules of the road.	12%	19%	55%	14%	0%	42
Most drivers are predictable.	14%	21%	52%	12%	0%	42
Most bicyclists follow the rules of the road.	22%	37%	41%	0%	0%	41
Most bicyclists are predictable.	14%	33%	45%	7%	0%	42
Most pedestrians follow the rules of the road.	27%	46%	24%	2%	0%	41
Most pedestrians are predictable.	19%	45%	29%	7%	0%	42

9.8 Demographics

Do you have a current:	Yes	No	n
Driver's license	90%	10%	42
Transit pass	34%	66%	41
Carshare Membership	15%	85%	41

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	26%	33%	21%	19%	42

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	0%	31%	29%	40%	42

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	38%	33%	29%	42

How many children live in your household?	0	1	2	3 or more	n
	87%	3%	7%	3%	30

What is your gender?	Male	Female	Other	Total
	76%	24%	0%	42

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	30.6	45%	26%	10%	19%	0%	42

Do you consider yourself:	American Indian/Alaska Native	Asian	Black/African American	Hispanic/Latino(a)	White/ Caucasian	Other	Total
	0%	10%	0%	10%	81%	7%	42

What is your employment status?	tus? Work Outside home		Work from home	Not employed	n
	74%	43%	10%	0%	42

What is your annual household income?	<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
meome:	40%	29%	3%	14%	11%	3%	35

What is the highest level of school you have completed?	Some high school or less	High school diploma or GED	Some college	Trade/Voc school	Associate Degree	Four-year college or more	Other	n
	2%	2%	38%	0%	2%	45%	10%	42

10 BICYCLIST SURVEY: CHICAGO – MILWAUKEE AVE.

10.1Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	69%	29%	1%	0%	0%	2%	189
going TO on your bicycle?	17%	78%	3%	0%	0%	1%	217

What type of bicycle were you riding when you received the postcard?	Personal Bicycle	Bike Share Bicycle	Rental Bicycle	Other (please specify):	n
	94%	6%	0%	0%	234

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	0%	1%	6%	30%	62%	231

How comfortable do you feel when bicycling	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
In sections with parked cars between the bike lane and moving traffic	7%	2%	5%	9%	30%	47%	213
In sections with plastic flexposts marking the separation between the bike lane and moving traffic	7%	1%	6%	17%	38%	30%	216
In sections with a painted area separating the bike lane and moving traffic	4%	12%	25%	27%	23%	9%	220

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	1%	31%	67%	1%	231

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	1%	31%	67%	1%	231

When bicycling on [FACILITY], how often do you ride on the		Most of the	Some of the	Never	n
following:		time	time		
Protected bike lanes	77%	21%	1%	0%	231
Standard traffic lanes	2%	3%	41%	53%	216
Sidewalk	0%	0%	5%	95%	218

Consider the trip you were making when you were handed the postcard. Before the Milwaukee Avenue protected bike lanes were built, how would you have made this trip?	By bicycle, using this same route	By bicycle, using another route	By foot	By public transportation	By car	By taxi	I would NOT have taken this trip	Other	n
	83%	6%	ο%	9%	ο%	0%	1%	1%	231

10.2About Changes Due to the Protected Bike Lanes

Because of the Milwaukee	Decreased	Decreased	Not	Increased	Increased	No	n
Avenue protected bike lanes	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on Milwaukee Avenue has	1%	2%	1%	31%	65%	1%	226
the time it takes me to bicycle on Milwaukee Avenue has	4%	31%	46%	13%	3%	3%	226
the usefulness of Milwaukee Avenue for getting to places I want to go has	0%	0%	31%	38%	29%	0%	226
how often I stop at shops and businesses on Milwaukee Avenue has	0%	0%	75%	19%	3%	2%	226
how comfortable I feel when bicycling on Milwaukee Avenue has	0%	2%	6%	39%	54%	0%	226
drivers' awareness of people biking on Milwaukee Avenue has	1%	3%	16%	45%	32%	3%	226
drivers' speeds on Milwaukee Avenue have	1%	21%	60%	4%	2%	12%	225
how often I ride a bicycle overall has	0%	0%	67%	17%	15%	0%	226
the difficulty of navigating around turning motor vehicles has	8%	34%	30%	21%	5%	2%	226
the difficulty of navigating around pedestrians has	5%	29%	47%	15%	3%	1%	226

10.4Your Opinions about the Protected Bike Lanes

Please indicate if you agree or disagree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the Milwaukee	Disagree	Disagree	Agree	Agree	Opinion	
Avenue protected bike lanes:						
I would go out of my way to ride on	2%	11%	50%	32%	5%	218
[STREET] compared to other streets.						
Taking [STREET] is the most direct bicycle	1%	1%	10%	87%	0%	218
route to my destination.						
The buffer section with parked cars	1%	5%	31%	63%	0%	218
between the traffic lanes and the bike						
lanes makes me feel safe.						
The buffer section with plastic flexposts	0%	4%	47%	47%	1%	218
between the traffic lanes and the bikeway						
makes me feel safe.						
The buffer section with painted/striped	2%	10%	68%	19%	1%	218
buffer between the traffic lanes and the						
bikeway makes me feel safe.						
Leaves and debris in the [FACILITY] are	29%	43%	9%	4%	15%	218
worse than other places I ride.						
Puddles and standing water are worse	24%	43%	14%	4%	15%	218
than other places I ride.						
The [FACILITY] is wide enough for me to	1%	4%	23%	71%	0%	218
ride comfortably.						
The [FACILITY] is wide enough for one	1%	12%	42%	44%	0%	217
bicyclist to pass another.						
The [FACILITY] is wide enough for two	12%	28%	36%	22%	2%	218
people to comfortably ride side-by-side.						
If I am bicycling with another adult, I	20%	33%	28%	16%	4%	218
would prefer to ride side-by-side.						
The [FACILITY] is safer than other	0%	4%	25%	68%	3%	218
[FACILITIES IN CITY].						

Please indicate if you disagree or agree with the	Strongly	Somewhat	Somewhat	Strongly	No	n
following statements about the effectiveness of the Milwaukee Avenue protected bike lanes:	Disagree	Disagree	Agree	Agree	Opinion	
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	0%	3%	28%	68%	о%	218
The intersection signals, signs, and street markings make it clear who has the right-of-way at intersections.	3%	15%	48%	34%	0%	218
The [buffer] effectively separates bikes from cars.	1%	3%	35%	61%	0%	218
The [buffer] does a good job at protecting bikes from cars.	2%	7%	33%	58%	0%	218
The [FACILITY] makes drivers and bicyclists more predictable.	2%	11%	38%	45%	3%	218
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	1%	7%	37%	55%	0%	218
The [FACILITY] design effectively separates bicyclists from pedestrians.	4%	17%	45%	33%	1%	218

10.5 About What You Encounter in the Protected Bike Lanes

		ten do you e N the Prote			/ing	How	much of a pro	oblem is this	?
	Never	Rarely	Somet imes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	13%	36%	41%	10%	209	29%	37%	34%	206
Cars loading or unloading passengers	3%	26%	50%	21%	209	16%	46%	38%	207
Delivery vehicles loading or unloading	6%	23%	49%	23%	207	17%	40%	42%	206
Taxis	4%	25%	43%	28%	207	15%	39%	46%	206
Cars/trucks driving where they are not supposed to (in the [FACILITY])	17%	47%	27%	10%	210	31%	34%	36%	202
Cars/trucks waiting to make turns OFF of [STREET]	5%	29%	39%	27%	208	30%	47%	24%	204
Cars/trucks waiting to pull out ONTO [STREET]	8%	29%	40%	24%	210	30%	49%	21%	201
People walking in the [FACILITY]	16%	38%	30%	17%	210	36%	38%	26%	205
People standing in the [FACILITY] while waiting to cross the street	9%	28%	37%	27%	208	30%	45%	25%	206
Bicyslists Travelling in the WRONG direction	23%	48%	28%	1%	210	39%	35%	26%	203
Buses Loading and Unloading Passengers	11%	21%	38%	30%	210	22%	51%	27%	205

While riding in the Milwaukee Avenue protected bike lanes, have you had collisions or near-collisions with other people or objects on the road?	Yes, a collision	Yes, A Near Collision	No, Neither	n
	3%	47%	49%	211

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	1	56	211
A pedestrian	2	53	211
A turning car	9	72	211
A parking car	1	25	211
A parked car	0	15	211
A delivery truck	0	21	211
A bus	0	31	211
A taxi	0	54	211
One of the plastic flexposts	2	9	211
Other stationary object	0	2	211
Something else	1	4	211

10.6 About Intersections (Milwaukee/Kinzie Intersection):

Milw/Kinzie Intersection: How often have you bicycled through this intersection in	Often	Sometimes	Never	n
the direction of downtown Chicago and made the following turns?				
Turning left from N. Milwaukee Avenue onto Kinzie Street	60%	26%	14%	210
Turning right from N. Milwaukee Avenue		31%	27%	210
onto Desplaines Street				

Consider the times you turn	Decreased	Decreased	Not	Increased	Increased	No	n
onto Kinzie from Milwaukee:	a Lot	Somewhat	Changed	Somewhat	a Lot	Opinion	
Because of the green lane to							
the left of the standard traffic							
lane on Milwaukee							
how easy it is to merge across	1%	6%	24%	48%	16%	5%	180
the standard traffic lane (and							
into position to turn onto							
Kinzie) has							
the amount of time I have to	3%	15%	49%	23%	4%	6%	180
merge across the standard							
traffic lane has							
the amount of attention	1%	1%	13%	48%	34%	4%	180
motorists pay to people on							
bicycles has							

Do you ride through this intersection differently now than you did before the changes were made?	Yes	No	n
	43%	57%	202

How comfortable do you feel when riding a	Very	(2)	(3)	(4)	(5)	Very	n
bicycle through this intersection?	Uncomfortable (1)					Comfortable (6)	
Turning left from N. Milwaukee Avenue onto Kinzie Street	4%	12%	8%	28%	30%	17%	179
Turning right from N. Milwaukee Avenue onto Desplaines Street	1%	1%	4%	9%	15%	70%	149

10.7 About Intersections (N. Milwaukee Ave. and N. Elston Ave.)

Have you bicycled through this intersection travelling north since the bicycle signal was installed?	Yes	No	n
	91%	9%	209

When riding North through this intersection, do you most often:	Proceed straight through the intersection and continue on N. Milwaukee Avenue	Turn right onto N. Elston Avenue	n
	80%	20%	188

When riding North through this intersection, do you most often:	Ride in the bike lane	Move out into the standard travel lane	n
	90%	10%	186

Because of the changes to	Decreased	Decreased	Not	Increased	Increased	No	n
the intersection:	a Lot	Somewhat	Changed	Somewhat	a Lot	Opinion	
how safe I feel bicycling through this intersection has 	4%	11%	17%	43%	24%	2%	188
how stressful bicycling through this intersection is has	13%	39%	20%	20%	5%	3%	187
how long I have to wait for a signal to get through the intersection has	0%	8%	37%	35%	16%	4%	188
how likely I am wait for the signal to turn green before crossing has	1%	5%	34%	24%	33%	3%	188

	How comfortable do you feel when riding a	Very	(2)	(3)	(4)	(5)	Very	n
	bicycle through this intersection?	Uncomfortable (1)					Comfortable (6)	
Ī	When continuing STRAIGHT on Milwaukee	2%	4%	8%	8%	40%	38%	140
Γ	When turning RIGHT onto Elston	3%	3%	3%	7%	29%	54%	117

10.8 About Bicycling and Comfort

Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street	0%	1%	1%	6%	12%	79%	208
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	28%	31%	18%	13%	7%	3%	208
(C) On a similar street to (B), but with a striped bike lane added	ο%	7%	14%	34%	34%	11%	208
(D) On a similar street to (B), but with a physically separated bike lane	ο%	1%	2%	10%	31%	55%	208

How comfortable would you feel bicycling on a	Very	(2)	(3)	(4)	(5)	Very	n
commercial street with two lanes of traffic in	Uncomfortable					Comfortable	
each direction, with traffic speeds of 35 miles per	(1)					(6)	
hour (Situation D above), but with the following							
types of separation from traffic:							
With a painted buffer and parked cars	o%	4%	7%	14%	25%	49%	208
With a 2-3 foot buffer and plastic flexposts	0%	2%	2%	11%	28%	57%	209
With a painted 2-3 foot buffer	0%	3%	9%	21%	42%	24%	208
With planters separating the bikeway	1%	1%	1%	8%	17%	70%	208
With a solid painted buffer	0%	3%	11%	26%	37%	22%	208
with a raised concrete curb	3%	2%	8%	9%	23%	54%	208

10.9About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	13%	27%	49%	12%	0%	208
Most drivers are predictable.	8%	23%	56%	13%	0%	208
Most bicyclists follow the rules of the road.	17%	39%	38%	6%	0%	208
Most bicyclists are predictable.	8%	35%	47%	11%	0%	208
Most pedestrians follow the rules of the road.	18%	36%	37%	9%	1%	208
Most pedestrians are predictable.	14%	30%	45%	11%	0%	208

10.10 Demographics

Do you have a current:	Yes	No	n
Driver's license	98%	2%	207
Transit pass	91%	9%	206
Bikeshare Membership	18%	83%	200
Carshare Membership	21%	79%	199

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	32%	52%	14%	2%	207

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	1%	16%	38%	44%	208

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	22%	64%	13%	208

How many children live in your household?	0	1	2	3 or more	n
	73%	10%	13%	4%	143

What is your gender?	Male	Female	Other	Total
	64%	36%	0%	208

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	33	5%	55%	18%	8%	0%	240

Do you consider	American	Asian	Black/African	Hispanic/Latino(a)	White/	Other	Total
yourself:	Indian/Alaska Native		American		Caucasian		
	1%	4%	0%	4%	91%	2%	207

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	98%	6%	1%	1%	207

What is your annual household income?	<\$25 , 000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	4%	18%	23%	15%	30%	10%	197

What is the highest	Some high	High school	Some	Trade/Voc	Associate	Four-year	Other	n
level of school you	school or	diploma or	college	school	Degree	college or		
have completed?	less	GED				more		
	0%	0%	6%	1%	2%	83%	7%	208

11 BICYCLIST SURVEY: CHICAGO – DEARBORN AVE.

11.1Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	47%	36%	2%	4%	2%	10%	103
going TO on your bicycle?	21%	61%	3%	8%	2%	5%	113

What type of bicycle were you riding when you received the postcard?	Personal Bicycle	Bike Share Bicycle	Rental Bicycle	Other (please specify):	n
	73%	26%	0%	1%	124

How often do you ride a bicycle on this	This was my	Less than once	A few times a	A few times	Daily	n
part of Dearborn Street?	first time	a month	month	a week		
	3%	3%	16%	33%	44%	123

How comfortable do you feel when bicycling	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
SOUTHBOUND in the Dearborn Street protected bike lanes	4%	7%	10%	21%	33%	24%	123
NORTHBOUND in the Dearborn Street protected bike lanes	6%	4%	3%	13%	35%	39%	123

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	1%	86%	7%	6%	123

When bicycling on [FACILITY], how often do you ride on the following:	Always	Most of the time	Some of the time	Never	n
Protected bike lanes	83%	17%	0%	0%	123
Standard traffic lanes	1%	2%	28%	69%	96
Curb Area	ο%	1%	6%	93%	96
Sidewalk	0%	0%	6%	94%	97

Consider the trip you were making when you were handed the postcard. Before the Dearborn Street protected bike lanes were built, how would you have made this trip?	By bicycle, using this same route	By bicycle, using another route	By foot	By public transportation	By car	By taxi	I would NOT have taken this trip	Other	n
	17%	60%	7%	13%	1%	1%	2%	ο%	123

11.2About Changes Due to the Protected Bike Lanes

Because of the Dearborn Street protected bike lanes	Decreased a lot	Decreased Somewhat	Not Changed	Increased Somewhat	Increased A lot	No Opinion	n
I feel the safety of bicycling on Dearborn Street has	1%	0%	0%	17%	81%	1%	121
the time it takes me to bicycle on Dearborn Street has	11%	22%	25%	25%	7%	10%	121
the usefulness of Dearborn Street for getting to places I want to go has	0%	1%	9%	25%	65%	0%	121
how often I stop at shops and businesses on Dearborn Street has	0%	0%	76%	14%	5%	5%	121
how comfortable I feel when bicycling on Dearborn Street has	1%	2%	2%	26%	69%	0%	121
drivers' awareness of people biking on Dearborn Street has	1%	2%	10%	50%	30%	7%	121
drivers' speeds on Dearborn Street have .	2%	16%	59%	2%	0%	21%	121
how often I ride a bicycle overall has	0%	0%	47%	23%	29%	1%	121
the difficulty of navigating around turning motor vehicles has	30%	34%	17%	9%	7%	3%	121
the difficulty of navigating around pedestrians has	6%	23%	18%	39%	12%	2%	121

11.3 Your Opinions about the Protected Bike Lanes

Please indicate if you agree or disagree with the following statements about the Dearborn Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would go out of my way to ride on Dearborn Street compared to other streets.	1%	7%	33%	58%	1%	118
When bicycling SOUTHBOUND, I prefer the protected bike lanes on Dearbon Street to riding south on Clark Street.	0%	5%	21%	70%	3%	118
Taking Dearborn Street is the most direct bicycle route to my destination.	5%	29%	25%	38%	3%	118
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	1%	3%	43%	53%	1%	118
The buffer section with parked cars between the traffic lanes and the bike lanes makes me feel safe.	2%	2%	31%	64%	2%	118
Leaves and debris in the [FACILITY] are worse than other places I ride.	24%	42%	6%	2%	26%	118
During the winter, snow is quickly removed from the [FACILITY].	1%	6%	7%	3%	84%	118
Puddles and standing water are worse than other places I ride.	13%	28%	36%	9%	14%	118
The [FACILITY] is wide enough for me to ride comfortably.	1%	8%	31%	60%	0%	118
The [FACILITY] is wide enough for one bicyclist to pass another.	11%	31%	39%	19%	0%	118
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	47%	36%	14%	3%	1%	118
If I am bicycling with another adult, I would prefer to ride side-by-side.	24%	30%	25%	16%	6%	118
The [FACILITY] is safer than other [FACILITIES IN CITY].	1%	7%	25%	68%	0%	118
During rush hour the bike lanes get congested with bicyclists.	3%	27%	42%	14%	14%	118

Please indicate if you disagree or agree with the following statements about the effectiveness of the Dearborn Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	1%	4%	25%	69%	1%	118
The intersection signals, signs, and street markings make it clear who has the right-ofway at intersections.	1%	7%	31%	60%	1%	118
Motorists know not to turn across the bike lanes at intersection when the bicycle signal is green (and the turn arrow for cars is red)	8%	25%	38%	25%	4%	118
The [buffer] effectively separates bikes from cars.	2%	4%	32%	62%	0%	118
The [buffer] does a good job at protecting bikes from cars.	2%	3%	30%	64%	2%	118
The [FACILITY] makes drivers and bicyclists more predictable.	3%	7%	40%	50%	1%	118
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	3%	12%	45%	40%	0%	118
The [FACILITY] design effectively separates bicyclists from pedestrians.	15%	30%	40%	14%	1%	118

11.4About What You Encounter in the Protected Bike Lanes

	How o	,	ou encounter t otected Bike L		/ing	How much of a problem is this?				
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n	
Cars parking	23%	34%	39%	3%	117	40%	36%	24%	116	
Cars loading or unloading passengers	10%	23%	51%	15%	117	22%	45%	33%	114	
Delivery vehicles loading or unloading	11%	29%	44%	15%	117	24%	47%	28%	116	
Taxis	21%	23%	38%	19%	111	30%	32%	38%	110	
Cars/trucks driving where they are not supposed to (in the [FACILITY])	36%	41%	18%	5%	117	50%	22%	27%	113	
Cars/trucks waiting to make turns OFF of Dearborn Street	28%	36%	23%	13%	117	57%	28%	15%	114	
Cars/trucks waiting to pull out ONTO Dearborn Street	23%	45%	24%	8%	116	55%	34%	11%	114	
People walking in the [FACILITY]	3%	12%	37%	47%	116	9%	43%	48%	117	
People standing in the [FACILITY] while waiting to cross the street	2%	3%	29%	67%	115	2%	35%	63%	117	

While riding in the Dearborn Street protected bike lanes, have you had collisions or near-collisions with other people or objects on the road?	Yes, a collision	Yes, A Near Collision	No, Neither	n
	3%	60%	38%	117

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	1	19	117
A pedestrian	2	69	117
A turning car	1	28	117
A parking car	0	18	117
A parked car	0	12	117
A delivery truck	0	11	117
A bus	0	4	117
A taxi	0	18	117
One of the plastic flexposts	1	3	117
Other stationary object	0	2	117
Something else	0	2	117

11.5About Intersections

How comfortable do you feel bicycling through	Very	(2)	(3)	(4)	(5)	Very	n
these intersections on Dearborn Street?	Uncomfortable (1)					Comfortable (6)	
When traveling SOUTHBOUND	2%	6%	10%	20%	27%	35%	51
When traveling NORTHBOUND	4%	1%	4%	17%	39%	36%	84

Please indicate if you disagree or	Strongly	Somewhat	Neither	Somewhat	Strongly	No	n
agree with the following	Disagree	Disagree	Agree nor	Agree	Agree	Opinion	
statements about the effectiveness			Disagree				
of the Dearborn Street protected							
bike lanes:							
DearbornSignal: The bicycle signal	ο%	10%	6%	24%	57%	3%	117
stays green long enough for me to							
ride through the intersection							
comfortably.							
Dearborn Signal: Motorists	2%	7%	5%	47%	36%	3%	117
generally understand to folllow left							
turn signals at these intersections.							
DearbornSignal: I often see	22%	26%	23%	17%	7%	5%	117
motorists making left turns when							
the bicycle signal is green (and the							
left turn signal is red).							
DearbornSignal: I generally feel	2%	ο%	5%	40%	52%	1%	117
safe when bicycling through the							
intersection.							
DearbornSignal: I often encounter	1%	7%	3%	42%	45%	2%	117
pedestrians waiting in the bike							
lanes when the bicycle signal is							
green.							
DearbornSignal: Its generally not	44%	30%	10%	9%	3%	3%	117
worth my time to wait for the							
bicycle signal to turn green on							
Dearborn Street.							

How often are the following blocking your pathway through the intersection when the bicycle signal is green:	Never	Some of the time	Most of the Time	Always	n
Cars/trucks	37%	62%	1%	ο%	117
Pedestrians	4%	69%	24%	3%	117

Have you ever waited to cross Dearborn in one of these green boxes when bicycling?	Yes I have	No, I've never had the opportunity	No, I've chosen not to wait in one of those boxes	n
	34%	61%	5%	117

Compared to crossing Dearborn WITHOUT a green queue box, waiting in this green box is (Convenience?)	A lot LESS convenient	Somewhat LESS convenient	No Difference	Somewhat MORE convenient	A lot MORE convenient	n
	ο%	3%	18%	50%	30%	40

Compared to crossing Dearborn WITHOUT a green queue box, waiting in this green box is (Comfort?)	A lot LESS comfortable	Somewhat LESS comfortable	No Difference	Somewhat MORE comfortable	A lot MORE comfortable	n
	3%	15%	15%	40%	28%	40

11.6About Bicycling and Comfort

Whether or not you currently ride a bicycle,	Very	(2)	(3)	(4)	(5)	Very	n
please consider how comfortable you would be	Uncomfortable					Comfortable	
riding a bicycle in each place:	(1)					(6)	
(A) On a path or trail separate from the street	2%	1%	0%	2%	8%	88%	117
(B) On a commercial street with two lanes of	28%	26%	21%	20%	4%	1%	117
traffic in each direction, traffic speeds of 35 miles							
per hour, on-street car parking, and no bike lane							
(C) On a similar street to (B), but with a striped	1%	9%	25%	23%	32%	9%	117
bike lane added							
(D) On a similar street to (B), but with a	1%	1%	0%	11%	30%	57%	117
physically separated bike lane							

How comfortable would you feel bicycling on a	Very	(2)	(3)	(4)	(5)	Very	n
commercial street with two lanes of traffic in each	Uncomfortable					Comfortable	
direction, with traffic speeds of 35 miles per	(1)					(6)	
hour (Situation D above), but with the following							
types of separation from traffic:							
With a painted buffer and parked cars	2%	2%	6%	19%	32%	39%	117
With a 2-3 foot buffer and plastic flexposts	1%	2%	1%	6%	35%	56%	117
With a painted 2-3 foot buffer	2%	1%	9%	30%	38%	20%	117
With planters separating the bikeway	1%	1%	2%	3%	22%	71%	117
With a solid painted buffer	1%	3%	10%	29%	37%	21%	117
with a raised concrete curb	0%	3%	4%	9%	32%	51%	117

11.7 About People You Encounter on the Street

Please indicate if you agree or disagree	Strongly	Somewhat	Somewhat	Strongly	No	n
with the following statements:	Disagree	Disagree	Agree	Agree	Opinion	
Most drivers follow the rules of the road.	10%	20%	54%	16%	0%	117
Most drivers are predictable.	7%	22%	56%	15%	0%	117
Most bicyclists follow the rules of the road.	16%	47%	32%	5%	0%	117
Most bicyclists are predictable.	9%	40%	41%	9%	0%	117
Most pedestrians follow the rules of the road.	21%	44%	32%	3%	0%	117
Most pedestrians are predictable.	21%	39%	33%	6%	0%	117

11.8Demographics

Do you have a current:	Yes	No	n
Driver's license	97%	3%	117
Transit pass	95%	5%	116
Bikeshare Membership	37%	63%	112
Carshare Membership	24%	76%	112

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	32%	51%	14%	3%	117

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	3%	21%	34%	41%	117

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	21%	65%	14%	117

How many children live in your household?	0	1	2	3 or more	n
	68%	11%	16%	5%	81

What is your gender?	Male	Female	Other	Total
	64%	36%	0%	117

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	36.1	10%	48%	19%	22%	1%	117

Do you consider	American	Asian	Black/African	Hispanic/Latino(a)	White/	Other	Total
yourself:	Indian/Alaska Native		American		Caucasian		
	2%	9%	3%	3%	86%	2%	117

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	91%	9%	7%	2%	117

What is your annual household income?	<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	9%	15%	16%	20%	28%	12%	114

What is the highest	Some high	High school	Some	Trade/Voc	Associate	Four-year	Other	n
level of school you	school or	diploma or	college	school	Degree	college or		
have completed?	less	GED	_		_	more		
	0%	1%	5%	0%	2%	87%	5%	117

12 BICYCLIST SURVEY: PORTLAND - NE MULTNOMAH ST.

12.1Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	64%	23%	2%	7%	1%	3%	91
going TO on your bicycle?	18%	65%	4%	4%	0%	9%	106

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	1%	5%	19%	25%	50%	111

How comfortable do you feel when bicycling in the NE Multnomah protected bikeway?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	5%	8%	7%	18%	44%	18%	96

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	4%	51%	43%	2%	109

When bicycling on [FACILITY], how often do you ride on the	Always	Most of the	Some of the	Never	n
following:		time	time		
Protected bike lanes	62%	38%	0%	0%	109
Standard traffic lanes	ο%	0%	61%	39%	93
Curb Area	ο%	0%	14%	86%	88
Sidewalk	0%	0%	15%	85%	91

Consider the trip you were making when you were handed the postcard. Before the Multnomah Street protected bike lanes were built, how would you have made this trip?	By bicycle, using this same route	By bicycle, using another route	By foot	By public transportation	By car	By taxi	I would NOT have taken this trip	Other	n
made this trip.	56%	34%	ο%	3%	2%	ο%	0%	6%	109

12.2 About Changes due to the Protected Bike Lanes

Because of the Multnomah	Decreased	Decreased	Not	Increased	Increased	No	n
Street protected bike lanes	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on Multnomah Street has	1%	2%	5%	32%	57%	4%	110
the time it takes me to bicycle on Multnomah Street has	5%	17%	62%	5%	2%	9%	109
the usefulness of Multnomah Street for getting to places I want to go has	0%	2%	28%	37%	28%	6%	109
how often I stop at shops and businesses on Multnomah Street has	0%	ο%	84%	10%	1%	5%	109
how comfortable I feel when bicycling on Multnomah Street has	1%	4%	6%	31%	56%	3%	109
drivers' awareness of people biking on Multnomah Street has	2%	8%	17%	42%	20%	10%	109
drivers' speeds on Multnomah Street have	6%	38%	37%	1%	1%	18%	109
how often I ride a bicycle overall has	0%	0%	77%	10%	10%	3%	109
the difficulty of navigating around turning motor vehicles has	7%	38%	25%	18%	3%	9%	109
the difficulty of navigating around pedestrians has	1%	19%	59%	13%	1%	7%	109
the difficulty of making a right off of NE Multnomah Street while bicycling has	4%	17%	44%	6%	4%	25%	109

12.3 Your Opinions about the Protected Bike Lanes

Please indicate if you agree or disagree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	
Multnomah Street protected bike lanes:						
I would go out of my way to ride on [STREET]	4%	16%	45%	30%	5%	110
compared to other streets.						
Taking [STREET] is the most direct bicycle	5%	17%	28%	47%	3%	110
route to my destination.						
When bicycling on NE Multnomah, I always	0%	2%	19%	77%	2%	110
ride in the protected bikeway.						
The buffer section with planters between the	1%	8%	31%	58%	2%	110
traffic lanes and the bikeway makes me feel						
safe.						
The buffer section with plastic flexposts	1%	11%	53%	32%	3%	111
between the traffic lanes and the bikeway						
makes me feel safe.						
The buffer section with parked cars between	3%	12%	60%	21%	5%	110
the traffic lanes and the bike lanes makes me						
feel safe.						
Leaves and debris in the [FACILITY] are worse	15%	29%	32%	8%	15%	110
than other places I ride.						
The [FACILITY] is wide enough for me to ride	0%	3%	19%	78%	0%	110
comfortably.						
The [FACILITY] is wide enough for one	3%	16%	43%	39%	0%	108
bicyclist to pass another.						
The [FACILITY] is wide enough for two people	9%	30%	35%	17%	8%	110
to comfortably ride side-by-side.						
If I am bicycling with another adult, I would	8%	25%	27%	35%	5%	110
prefer to ride side-by-side.						
The [FACILITY] is safer than other [FACILITIES	1%	12%	42%	37%	8%	110
IN CITY].						

	1	1			1	
Please indicate if you disagree or agree with the following statements about the effectiveness of the Multnomah Street protected bike lanes:	Strongly Disagree	omewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	0%	11%	32%	57%	0%	110
The intersection signals, signs, and street markings make it clear who has the right-of-way at intersections.	6%	32%	40%	17%	5%	110
The [buffer] effectively separates bikes from cars.	1%	3%	36%	58%	2%	110
The [buffer] does a good job at protecting bikes from cars.	1%	7%	46%	45%	1%	110
The [FACILITY] makes drivers and bicyclists more predictable.	3%	14%	45%	35%	5%	110
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	1%	14%	38%	47%	0%	110
The [FACILITY] design effectively separates bicyclists from pedestrians.	4%	15%	42%	35%	5%	110

12.4About What You Encounter in the Protected Bike Lanes

	How	,	ou encounter th		ng	How	much of a pro	blem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	34%	38%	26%	2%	105	51%	33%	16%	100
Cars loading or unloading passengers	20%	32%	38%	10%	106	36%	43%	22%	101
Delivery vehicles loading or unloading	19%	22%	30%	30%	105	28%	40%	33%	101
Taxis	49%	35%	14%	2%	105	62%	28%	10%	99
Cars/trucks driving where they are not supposed to (in the [FACILITY])	47%	38%	14%	1%	106	58%	23%	18%	98
Cars/trucks waiting to make turns OFF of [STREET]	13%	29%	43%	14%	104	40%	47%	13%	98
Cars/trucks waiting to pull out ONTO [STREET]	22%	34%	32%	11%	105	62%	33%	5%	98
People walking in the [FACILITY]	29%	39%	28%	4%	106	52%	36%	12%	99
People standing in the [FACILITY] while waiting to cross the street	17%	35%	37%	10%	105	41%	40%	19%	98
Bicyslists Travelling in the WRONG direction	57%	33%	10%	0%	105	63%	22%	14%	98
Buses Loading and Unloading Passengers	24%	14%	36%	26%	105	36%	47%	17%	100

At certain points along the NE Multnomah protected	Stop and	Go around	Go up onto	Other	n
bikeway, the buffer is discontinued for a short distance and	wait for	the bus on	the sidewalk		
buses pull over to the curb to load and unload (see photo	the bus to	the left	to go around		
below). If you encountered this bus stopped in front of you,	move				
what would you do?					
	24%	54%	5%	18%	108

While riding in the Multnomah Street protected bike lanes, have you had	Yes, a	Yes, A Near	No,	n
collisions or near-collisions with other people or objects on the road?	collision	Collision	Neither	
	0%	38%	62%	108

If you have been involved in a collision or near-collision, please indicate what other people	Collision	Near	n
or objects were involved.		Collision	
Another bicyclist	0	8	108
A pedestrian	0	21	108
A turning car	1	31	108
A parking car	1	5	108
A parked car	1	4	108
A delivery truck	0	13	108
A bus	0	6	108
A taxi	0	0	108
One of the concrete planters	0	3	108
One of the plastic flexposts	0	2	108
Other stationary object	0	4	108
Something else	0	3	108

12.5 About Intersections (Shark Tooth Mixing Zone)

Please indicate whether you think the person should be in the space designated by A, B, or C for	Α	В	C	n
each scenario (select all that apply)				
A motorist turning right should be in	21%	2%	79%	107
A bicyclist continuing straight should be in			51%	107
A bicyclist turning right should be in	0%	4%	97%	107

Indicate your level of agreement with the following statements	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Turn lane w/Shark Tooth: I understand where I am supposed to ride when approaching the intersection.	7%	7%	44%	41%	0%	107
Turn lane w/Shark Tooth: Right-turning motorists generally yield to bicyclists who are continuing straight.	12%	18%	53%	14%	3%	107
Turn lane w/Shark Tooth: Motorists generally understand how to make right turns at these intersections.	8%	27%	51%	10%	3%	107
Turn lane w/Shark Tooth: Right-turning cars rarely block my pathway when I am going straight.	13%	22%	41%	20%	4%	107
Turn lane w/Shark Tooth: I often see motorists making right turns from the lanes to the left of bicyclists.	24%	29%	25%	11%	10%	107
Turn lane w/Shark Tooth: I generally feel safe when bicycling through the intersections like this one.	7%	20%	57%	16%	1%	107

12.6 About Intersections (without Turn Lane)

Indicate your level of agreement with the	Strongly	Somewhat	Somewhat	Strongly	No	n
following statements	Disagree	Disagree	Agree	Agree	Opinion	
Int w/o Turn Lane: Turning motorists generally yield to bicyclists when bicyclists are going straight and cars are turning right.	5%	15%	49%	29%	3%	107
Int w/o Turn Lane: Motorists generally understand how to make right turns at these intersections.	5%	22%	52%	17%	4%	107
Int w/o Turn Lane: Cars rarely block my pathway through these intersections.	8%	13%	41%	32%	6%	107
Int w/o Turn Lane: I generally feel safe when bicycling straight at these intersections when cars are turning right.	8%	20%	49%	20%	4%	107

12.7Path to Downtown/River

Do you ever use the NE Multnomah protected bikeway to head south and west (e.g. to get downtown, to the Steel Bridge, and/or the Eastbank Esplanade)?	Yes	No	I'm not Sure	n
	69%	28%	3%	108

When you head south and west, which	I continue on NE	I go left at	I merge out of the	Other	n
path do you usually take to get toward	Multnomah and go left	1st Avenue	protected bikeway and		
downtown, the Steel Bridge, and/or the	at NE Wheeler (Path A)	(Path B)	go left at 2nd Avenue		
Eastbank Esplanade?			(Path C)		
	79%	4%	4%	13%	75

12.8Loading and Drop-off Zone

Please indicate if you agree or disagree with the following statements about the loading	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
zone:	3	3	3	3		
I often encounter motor vehicles pulling into or out of this location.	7%	26%	27%	14%	26%	108
Stopped vehicles at this loading zone usually pull all the way into the pull-out and allow enough space for bicyclists to pass on the left.	1%	6%	37%	29%	28%	108
Most motorists pay attention to bicyclists when entering and exiting the loading zone area.	4%	13%	37%	10%	36%	108
I feel comfortable bicycling around vehicles in the loading zone.	3%	16%	45%	19%	17%	108

12.9About Bicycling and Comfort

Whether or not you currently ride a bicycle,	Very	(2)	(3)	(4)	(5)	Very	n
please consider how comfortable you would be	Uncomfortable					Comfortable	
riding a bicycle in each place:	(1)					(6)	
(A) On a path or trail separate from the street	1%	1%	1%	3%	9%	85%	108
(B) On a commercial street with two lanes of	47%	30%	14%	6%	2%	1%	108
traffic in each direction, traffic speeds of 35 miles							
per hour, on-street car parking, and no bike lane							
(C) On a similar street to (B), but with a striped	1%	10%	20%	30%	31%	7%	108
bike lane added							
(D) On a similar street to (B), but with a	0%	0%	3%	14%	39%	44%	107
physically separated bike lane							

How comfortable would you feel bicycling on a	Very	(2)	(3)	(4)	(5)	Very	n
commercial street with two lanes of traffic in	Uncomfortable					Comfortable	
each direction, with traffic speeds of 35 miles per	(1)					(6)	
hour (Situation D above), but with the following							
types of separation from traffic:							
With a painted buffer and parked cars	0%	10%	13%	26%	26%	25%	108
With a 2-3 foot buffer and plastic flexposts	0%	0%	5%	9%	44%	43%	108
With a painted 2-3 foot buffer	0%	4%	11%	30%	32%	23%	108
With planters separating the bikeway	0%	1%	2%	10%	25%	62%	108
With a solid painted buffer	0%	5%	11%	30%	32%	22%	108
with a raised concrete curb	1%	5%	6%	15%	26%	48%	108

12.10 About People You Encounter on the Street

Please indicate if you agree or	Strongly	Somewhat	Somewhat	Strongly	No	n
disagree with the following	Disagree	Disagree	Agree	Agree	Opinion	
statements:						
Most drivers follow the rules of the	5%	9%	63%	23%	0%	108
road.						
Most drivers are predictable.	4%	22%	63%	11%	ο%	108
Most bicyclists follow the rules of the road.	9%	28%	54%	9%	0%	108
Most bicyclists are predictable.	6%	34%	54%	6%	0%	108
Most pedestrians follow the rules of the road.	7%	38%	48%	6%	0%	108
Most pedestrians are predictable.	10%	40%	43%	7%	0%	108

12.11 Demographics

Do you have a current:	Yes	No	n
Driver's license	95%	5%	108
Transit pass	31%	69%	103
Carshare Membership	33%	67%	103

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	14%	46%	34%	6%	108

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	0%	14%	36%	50%	107

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	23%	67%	10%	108

How many children live in your household?	0	1	2	3 or more	n
	49%	25%	24%	3%	72

What is your gender?	Male	Female	Other	Total	
	56%	44%	0%	108	

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	41.3	6%	31%	26%	32%	5%	108

Do you consider yourself:	American Indian/Alaska Native	Asian	Black/African American	Hispanic/Latino(a)	White/ Caucasian	Other	Total
	4%	2%	0%	6%	90%	1%	108

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	88%	7%	8%	6%	108

What is your annual household income?	<\$25 , 000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	7%	15%	25%	26%	24%	3%	103

What is the highest level of school you have completed?	Some high school or less	High school diploma or GED	Some college	Trade/Voc school	Associate Degree	Four-year college or more	Other	n
	ο%	0%	5%	0%	6%	78%	12%	108

13 BICYCLIST SURVEY: SAN FRANCISCO – OAK AND FELL STREETS

13.1Intro Questions

When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
coming FROM on your bicycle?	35%	50%	1%	5%	7%	3%	239
going TO on your bicycle?	42%	40%	1%	2%	10%	5%	238

When you received the postcard for this survey, were you riding on	Oak Street	Fell St	Other	n
	40%	57%	3%	278

What type of bicycle were you riding when you received the postcard?	Personal Bicycle	Bike Share Bicycle	Rental Bicycle	Other (please specify):	n
	100%	0%	ο%	0%	278

13.20ak Street Separated Bikeway

Have you ridden a bicycle in the Oak Street separated bikeway since it was installed?	Yes	No	n
	89%	11%	278

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	2%	4%	17%	30%	47%	247

How comfortable do you feel when bicycling in the Oak Street separated bikeway?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	6%	8%	3%	14%	43%	26%	247

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	0%	44%	54%	2%	247

When bicycling on [FACILITY], how often do you ride on the	Always	Most of the	Some of the	Never	n
following:		time	time		
Protected bike lanes	76%	23%	1%	0%	243
Standard traffic lanes	1%	4%	42%	53%	191
Curb Area	1%	4%	29%	67%	191
Sidewalk	0%	0%	4%	96%	187

Consider the trip you were making when you were handed the postcard. Before the Oak Street protected bike lanes were built, how would you have	By bicycle, using this same	By bicycle, using another	By	By public	Ву	Ву	I would NOT have taken	Other	
made this trip?	route	route	foot	transportation	car	taxi	this trip	Other	n
	75%	18%	0%	3%	1%	0%	1%	2%	247

13.3 About Changes Due to the Separated Bikeway

Because of the Oak Street	Decreased	Decreased	Not	Increased	Increased	No	n
protected bike lanes	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on Oak Street has	0%	0%	2%	2% 18%		1%	245
the time it takes me to bicycle on Oak Street has	6%	30%	46%	9%	4%	6%	244
the usefulness of Oak Street for getting to places I want to go has	0%	0%	29%	31%	38%	2%	245
how often I stop at shops and businesses on Oak Street has	0%	о%	82%	9%	3%	7%	245
how comfortable I feel when bicycling on Oak Street has .	0%	0%	4%	27%	66%	3%	244
drivers' awareness of people biking on Oak Street has	0%	1%	8%	44%	41%	6%	245
drivers' speeds on Oak Street have	1%	11%	70%	4%	0%	13%	245
how often I ride a bicycle overall has	0%	0%	79%	8%	11%	3%	245
the difficulty of navigating around turning motor vehicles has	19%	38%	20%	13%	4%	6%	245
the difficulty of navigating around pedestrians has	7%	22%	62%	2%	2%	5%	245

13.4Your Opinions about the Separated Bikeway

Please indicate if you agree or disagree with the following statements about the Oak Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would go out of my way to ride on [STREET] compared to other streets.	3%	13%	46%	30%	7%	243
Taking [STREET] is the most direct bicycle route to my destination.	6%	9%	28%	53%	4%	243
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	2%	2%	29%	63%	4%	250
Leaves and debris in the [FACILITY] are worse than other places I ride.	36%	37%	3%	2%	23%	242
The [FACILITY] is wide enough for me to ride comfortably.	2%	2%	17%	80%	0%	243
The [FACILITY] is wide enough for one bicyclist to pass another.	1%	4%	33%	61%	1%	242
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	3%	18%	38%	37%	4%	243
If I am bicycling with another adult, I would prefer to ride side-by-side.	10%	27%	29%	25%	9%	243
The [FACILITY] is safer than other [FACILITIES IN CITY].	0%	7%	35%	51%	6%	243

Please indicate if you disagree or agree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	"
effectiveness of the Oak Street protected bike	Disagree	Disagree	Agree	Agree	Ориноп	
lanes:						
The [FACILITY] makes it clear where cars can	0%	1%	21%	78%	0%	243
be and where the designated bicycle lanes are.	070	170	2170	7070	070	243
The intersection signals, signs, and street	2%	15%	42%	40%	1%	2/2
markings make it clear who has the right-of-	270	1570	4270	4070	170	243
way at intersections.						
,	0.4	0.4	001	607	0.1	
The [buffer] effectively separates bikes from	2%	4%	38%	56%	0%	243
cars.						
The [buffer] does a good job at protecting	1%	8%	40%	50%	1%	242
bikes from cars.						
The [FACILITY] makes drivers and bicyclists	1%	6%	39%	53%	2%	243
more predictable.						
The [FACILITY] makes it clear where	0%	3%	25%	69%	2%	243
pedestrians and bicyclists should be.		J				
The [FACILITY] design effectively separates	0%	8%	30%	55%	7%	242
bicyclists from pedestrians.			J	33**		'

13.5 About Intersections (Oak Street and Divisadero Street)

Please indicate if you disagree or agree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	
effectiveness of the Oak Street protected bike						
lanes:						
I understand where I am supposed to ride when	0%	2%	23%	75%	ο%	237
approaching the intersection.						
I usually follow the bicycle lane marking and	1%	4%	26%	68%	2%	238
move over to the left (into the green marked						
bike lane) when approaching the intersection.						
Turning motorists generally yield to bicyclists	5%	18%	56%	18%	3%	238
when moving through the mixing zone and into						
the right-turn lane.						
Motorists generally understand how to make	11%	31%	42%	12%	3%	238
right turns at these intersections.						
Cars rarely block my pathway through the	12%	30%	42%	14%	3%	238
mixing zone.						
I often see motorists making right turns from	16%	32%	33%	11%	8%	238
the wrong lane (i.e. the lanes to the left of the						
cycle track rather than the right-turn lane).						
I generally feel safe when bicycling through the	5%	21%	52%	22%	1%	238
mixing zone.						
I generally feel safe when I am in the green	2%	19%	46%	31%	1%	237
marked lane next to the right-turn lane.						

13.6 About Intersections (Oak Street and Broderick Street)

Please indicate if you disagree or agree with the	Strongly	Somewha	Somewha	Strongly	No	n
following statements about the effectiveness of	Disagree	t Disagree	t Agree	Agree	Opinion	
the Oak Street protected bike lanes:						
I understand where I am supposed to ride when	ο%	2%	26%	71%	1%	234
approaching the intersection.						
Turning motorists generally yield to bicyclists	3%	18%	59%	14%	6%	234
when moving through the mixing zone to take a						
right turn.						
Motorists generally understand how to make right	4%	18%	58%	15%	4%	234
turns at these intersections.						
Cars rarely block my pathway through the mixing	9%	29%	41%	17%	4%	234
zone.						
I often see motorists making right turns from the	18%	38%	29%	6%	9%	233
wrong lane (i.e. the lanes to the left of the mixing						
zone rather than the right-turn lane).						
I generally feel safe when bicycling through the	ο%	19%	55%	24%	2%	234
mixing zone.						
When the traffic light is red, I use the bike box to	1%	3%	8%	87%	1%	234
wait for a green light.						
It is easy for me to make my way into the bike box	3%	15%	49%	25%	7%	234
when the traffic light is red and there are cars						
stopped in the right-turn lane in front of me.						

Have you bicycled through this intersection travelling east since the	Yes	No	I have never noticed the	n
bicycle signal was installed?			bike signal	
	81%	8%	12%	231

When riding on Oak Street, do you most	Follow the standard traffic signals (stop on the red, go on the green)	Follow the bicycle signals (stop on bike red, go on bike green)	Other (please explain)	n
often				
	10%	81%	9%	183

Because of the changes to	Decreased	Decreased	Not	Increased	Increased	No	n
this intersection:	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling	0%	1%	19%	49%	29%	3%	183
on Oak Street has							
the time it takes me to	23%	47%	23%	3%	2%	3%	183
bicycle on Oak Street has							
the usefulness of Oak Street	4%	34%	41%	5%	1%	16%	183
for getting to places I want							
to go has							
how often I stop at shops	1%	7%	49%	20%	16%	8%	183
and businesses on Oak							
Street has							

How comfortable do you feel bicycling through this intersection?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	10%	11%	4%	7%	37%	30%	183

Do you ride through this intersection differently now than you did before the changes were made?	Yes	No	n
	36%	64%	183

Con	sider when you are traveling the whole length of Oak Street between Baker Street and Scott Street.	become easier	become more difficult	No opinion / I don't know	n
	Since the installation of the bicycle signal, hitting most or all green lights on Oak Street has	39%	11%	50%	183

When you bicycle on the Oak Street separated bikeway, do you ever make left turns off of Oak Street?	Yes	No, I don't ever need to	No, I'm not comfortable making left turns our of the cycle track	n
	13%	81%	6%	229

ow do you make your left turn from the separated bikeway?	I leave the separated bikeway before the intersection and ride over to the left lane to make my turn	I ride to the intersection and cross in the crosswalk when the light is red	Other	n
	62%	21%	17%	29

13.7 About What You Encounter in the Protected Bike Lanes

	How	,	ou encounter th		ng	How	much of a pro	blem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	20%	36%	37%	7%	223	34%	37%	28%	201
Cars loading or unloading passengers	16%	31%	42%	12%	223	9%	81%	10%	499
Delivery vehicles loading or unloading	17%	29%	36%	18%	223	26%	42%	33%	200
Taxis	24%	33%	30%	13%	220	35%	39%	26%	196
Cars/trucks driving where they are not supposed to (in the [FACILITY])	26%	44%	27%	3%	223	37%	37%	26%	199
Cars/trucks waiting to make turns OFF of [STREET]	9%	41%	38%	12%	220	39%	54%	7%	197
Cars/trucks waiting to pull out ONTO [STREET]	23%	47%	25%	5%	223	59%	36%	5%	196
People walking in the [FACILITY]	55%	33%	9%	2%	222	64%	28%	8%	198
People standing in the [FACILITY] while waiting to cross the street	35%	41%	19%	4%	223	53%	34%	13%	199
Bicyslists Travelling in the WRONG direction	47%	34%	18%	1%	222	54%	27%	18%	197

While riding in the Oak Street protected bike lanes, have you had	Yes, a	Yes, A Near	No,	n
collisions or near-collisions with other people or objects on the road?	collision	Collision	Neither	
	1%	14%	85%	229

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	2	17	229
A pedestrian	0	11	229
A turning car	1	22	229
A parking car	0	8	229
A parked car	0	3	229
A delivery truck	0	6	229
A bus	0	3	229
A taxi	0	8	229
One of the plastic flexposts	0	4	229
Other stationary object	0	1	229
Something else	0	2	229

13.8Fell Street Separated Bikeway

Have you ridden a bicycle in the Fell Street separated bikeway since it was installed?	Yes	No	n
	97%	3%	259

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	ο%	0%	16%	35%	48%	247

How comfortable do you feel when bicycling in the Fell Street separated bikeway?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	7%	7%	8%	16%	38%	25%	246

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	0%	28%	72%	0%	247

When bicycling on [FACILITY], how often do you ride on the following:	Always	Most of the time	Some of the time	Never	n
Protected bike lanes	80%	18%	2%	0%	247
Standard traffic lanes	ο%	1%	32%	66%	235
Curb Area	ο%	4%	39%	56%	234
Sidewalk	0%	0%	4%	96%	232

Consider the trip you were	Ву	By bicycle,	Ву	By public	Ву	Ву	I would	Other	n
making when you were	bicycle,	using	foot	transportation	car	taxi	NOT		
handed the postcard.	using this	another					have		
Before the Fell Street	same	route					taken		
protected bike lanes were	route						this trip		
built, how would you have									
made this trip?									
	80%	11%	0%	3%	1%	0%	1%	3%	247
	5570	11/0	7	370	1/0	7	1/0	3/0	-4/

13.9About Changes Due to the Separated Bikeway

Because of the Fell Street	Decreased	Decreased	Not	Increased	Increased	No	n
protected bike lanes	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on Fell Street has	0%	0%	3%	30%	65%	2%	246
the time it takes me to bicycle on Fell Street has	4%	26%	56%	6%	4%	4%	246
the usefulness of Fell Street for getting to places I want to go has	0%	0%	38%	32%	28%	3%	246
how often I stop at shops and businesses on Fell Street has	0%	0%	81%	11%	2%	6%	245
how comfortable I feel when bicycling on Fell Street has .	0%	о%	5%	38%	55%	2%	246
drivers' awareness of people biking on Fell Street has	0%	0%	10%	51%	35%	4%	245
drivers' speeds on Fell Street have	0%	12%	75%	4%	1%	8%	246
how often I ride a bicycle overall has	0%	0%	76%	13%	9%	2%	246
the difficulty of navigating around turning motor vehicles has	7%	44%	30%	13%	3%	2%	246
the difficulty of navigating around pedestrians has	4%	21%	65%	4%	0%	4%	246

13.10 Your Opinions about the Separated Bikeway

Please indicate if you agree or disagree with the following statements about the Fell Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would go out of my way to ride on [STREET] compared to other streets.	4%	10%	43%	30%	12%	243
Taking [STREET] is the most direct bicycle route to my destination.	2%	8%	29%	59%	1%	243
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	1%	3%	41%	54%	0%	242
Leaves and debris in the [FACILITY] are worse than other places I ride.	32%	37%	7%	2%	22%	243
The [FACILITY] is wide enough for me to ride comfortably.	0%	2%	25%	73%	0%	243
The [FACILITY] is wide enough for one bicyclist to pass another.	2%	5%	31%	62%	0%	242
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	5%	19%	38%	37%	1%	243
If I am bicycling with another adult, I would prefer to ride side-by-side.	15%	25%	27%	24%	9%	243
The [FACILITY] is safer than other [FACILITIES IN CITY].	2%	7%	43%	42%	6%	243

Please indicate if you disagree or agree with the following statements about the	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
effectiveness of the Fell Street protected bike lanes:					·	
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	1%	1%	28%	69%	0%	243
The intersection signals, signs, and street markings make it clear who has the right-ofway at intersections.	2%	19%	45%	33%	1%	243
The [buffer] effectively separates bikes from cars.	1%	5%	43%	50%	0%	242
The [buffer] does a good job at protecting bikes from cars.	3%	10%	44%	42%	1%	243
The [FACILITY] makes drivers and bicyclists more predictable.	1%	9%	48%	41%	2%	243
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	0%	3%	34%	59%	3%	243
The [FACILITY] design effectively separates bicyclists from pedestrians.	1%	6%	38%	48%	7%	243

13.11 About Intersections (Fell Street and Divisadero Street)

Please indicate if you disagree or agree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	
effectiveness of the Fell Street protected bike						
lanes:						
I understand where I am supposed to ride when	0%	2%	17%	80%	0%	243
approaching the intersection.						
I usually follow the bicycle lane marking and	о%	4%	26%	68%	1%	243
move over to the right (into the green marked						
bike lane) when approaching the intersection.						
Turning motorists generally yield to bicyclists	9%	28%	46%	14%	2%	243
when moving through the mixing zone and into						
the left-turn lane.						
Motorists generally understand how to make	13%	33%	40%	12%	2%	243
left turns at these intersections.						
Cars rarely block my pathway through the	33%	35%	24%	7%	1%	243
mixing zone.						
I often see motorists making left turns from the	13%	37%	32%	14%	5%	243
wrong lane (i.e. the lanes to the right of the						
cycle track rather than the left-turn lane).						
I generally feel safe when bicycling through the	6%	21%	54%	19%	0%	242
mixing zone.						
I generally feel safe when I am in the green	4%	19%	55%	22%	0%	243
marked lane next to the left-turn lane.						
When the traffic light is red, I use the bike box	0%	2%	15%	81%	1%	243
to wait for a green light.						
It is easy for me to make my way into the bike	9%	19%	47%	24%	1%	243
box when the traffic light is red and there are						
cars stopped in the left-turn lane in front of me.						

13.12 About Intersections (Fell Street and Broderick Street)

Please indicate if you disagree or agree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	
effectiveness of the Fell Street protected bike						
lanes:						
I understand where I am supposed to ride when	ο%	3%	22%	74%	ο%	240
approaching the intersection.						
Turning motorists generally yield to bicyclists	4%	15%	57%	22%	1%	240
when moving through the mixing zone to take						
a left turn.						
Motorists generally understand how to make	6%	24%	51%	18%	2%	240
left turns at these intersections.						
Cars rarely block my pathway through the	6%	24%	50%	20%	0%	240
mixing zone.						
I often see motorists making left turns from the	15%	42%	26%	13%	3%	240
wrong lane (i.e. the lanes to the right of the						
mixing zone rather than the left-turn lane).						
I generally feel safe when bicycling through the	3%	13%	54%	30%	ο%	240
mixing zone.						

When you bicycle on the Fell Street separated bikeway, do you ever make right turns off of Fell Street?	Yes	No, I don't ever need to	No, I'm not comfortable making right turns our of the cycle track	n
	21%	74%	5%	241

How do you make your right turn from the separated bikeway?	I leave the separated bikeway before the intersection and ride over to the right lane to make my turn	I ride to the intersection and cross in the crosswalk when the light is red	Other	n
	41%	49%	10%	51

13.13 About What You Encounter in the Protected Bike Lanes

	How		ou encounter th		ng	How	much of a pro	blem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	26%	37%	30%	8%	237	39%	35%	25%	216
Cars loading or unloading passengers	15%	42%	36%	7%	236	29%	50%	22%	216
Delivery vehicles loading or unloading	17%	35%	35%	14%	237	29%	39%	32%	217
Taxis	32%	38%	23%	7%	233	45%	34%	20%	209
Cars/trucks driving where they are not supposed to (in the [FACILITY])	26%	36%	26%	12%	237	36%	36%	28%	214
Cars/trucks waiting to make turns OFF of [STREET]	7%	21%	50%	22%	237	27%	50%	23%	220
Cars/trucks waiting to pull out ONTO [STREET]	19%	37%	32%	12%	237	48%	38%	14%	217
People walking in the [FACILITY]	57%	34%	8%	1%	235	68%	23%	9%	211
People standing in the [FACILITY] while waiting to cross the street	43%	37%	16%	4%	236	60%	31%	9%	214
Bicyslists Travelling in the WRONG direction	41%	37%	18%	3%	235	52%	27%	21%	214

While riding in the Fell Street protected bike lanes, have you had collisions or near-collisions with other people or objects on the road?	Yes, a collision	Yes, A Near Collision	No, Neither	n
	2%	21%	79%	238

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	0	25	238
A pedestrian	0	10	238
A turning car	4	43	238
A parking car	0	9	238
A parked car	0	6	238
A delivery truck	0	12	238
A bus	0	2	238
A taxi	1	7	238
One of the plastic flexposts	1	6	238
Other stationary object	0	1	238
Something else	0	4	238

13.14 About Bicycling and Comfort

Whether or not you currently ride a bicycle,	Very	(2)	(3)	(4)	(5)	Very	n
please consider how comfortable you would be	Uncomfortable					Comfortable	
riding a bicycle in each place:	(1)					(6)	
(A) On a path or trail separate from the street	1%	1%	1%	2%	12%	83%	247
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	38%	33%	16%	10%	2%	1%	247
(C) On a similar street to (B), but with a striped bike lane added	0%	6%	19%	32%	36%	7%	247
(D) On a similar street to (B), but with a physically separated bike lane	0%	0%	1%	8%	30%	60%	247

How comfortable would you feel bicycling on a commercial street with two lanes of traffic in each	Very Uncomfortable	(2)	(3)	(4)	(5)	Very Comfortable	n
direction, with traffic speeds of 35 miles per hour	(1)					(6)	
(Situation D above), but with the following types of							
separation from traffic:							
With a painted buffer and parked cars	4%	6%	15%	19%	33%	22%	247
With a 2-3 foot buffer and plastic flexposts	0%	0%	4%	7%	33%	55%	247
With a painted 2-3 foot buffer	0%	2%	9%	26%	44%	19%	246
With planters separating the bikeway	2%	1%	2%	6%	19%	70%	247
With a solid painted buffer	1%	1%	7%	26%	45%	20%	247
with a raised concrete curb	2%	4%	5%	10%	21%	57%	247

13.15 About People You Encounter on the Street

Please indicate if you agree or disagree with the following statements:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
Most drivers follow the rules of the road.	7%	23%	60%	10%	0%	247
Most drivers are predictable.	8%	32%	55%	6%	0%	247
Most bicyclists follow the rules of the road.	20%	40%	37%	3%	0%	247
Most bicyclists are predictable.	10%	40%	45%	5%	0%	247
Most pedestrians follow the rules of the road.	8%	31%	50%	11%	0%	247
Most pedestrians are predictable.	11%	28%	52%	10%	0%	247

13.16 Demographics

Do you have a current:	Yes	No	n
Driver's license	98%	2%	247
Transit pass	59%	41%	241
Bikeshare Membership	6%	94%	234
Carshare Membership	31%	69%	238

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	31%	45%	17%	7%	244

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	0%	17%	35%	48%	247

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	18%	55%	27%	248

How many children live in your household?	0	1	2	3 or more	n
	63%	16%	18%	2%	164

What is your gender?	Male	Female	Other	Total
	71%	28%	1%	248

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	35.4	10%	46%	28%	17%	0%	247

Do you consider yourself:	American Indian/Alaska Native	Asian	Black/African American	Hispanic/Latino(a)	White/ Caucasian	Other	Total
	1%	10%	1%	4%	80%	3%	261

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	94%	7%	8%	2%	246

What is your annual household income?	<\$25,000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	5%	14%	19%	19%	34%	9%	226

	What is the highest level of school you have completed?	Some high school or less	High school diploma or GED	Some college	Trade/Voc school	Associate Degree	Four-year college or more	Other	n
Ī		0%	1%	6%	ο%	2%	85%	5%	248

14 BICYCLIST SURVEY: WASHINGTON DC - L STREET

14.1Intro Questions

	When you received the postcard for this survey, where were you	Home	Work	School	Shopping / Errands	Just out riding	Other	n
	coming FROM on your bicycle?	51%	32%	0%	8%	3%	7%	260
ĺ	going TO on your bicycle?	23%	66%	0%	5%	1%	5%	275

What type of bicycle were you riding when you received the postcard?	Personal Bicycle	Bike Share Bicycle	Rental Bicycle	Other (please specify):	n
	82%	17%	0%	1%	301

How often do you ride a bicycle on this part of [STREET]?	This was my first time	Less than once a month	A few times a month	A few times a week	Daily	n
	2%	3%	19%	42%	34%	300

How comfortable do you feel when bicycling in the NE Multnomah protected bikeway?	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
	5%	6%	5%	23%	39%	22%	300

Since the [FACILITY] was built, do you travel on this route:	Less frequently	More frequently	About the same	This is my first time on this route	n
	1%	66%	30%	3%	300

When bicycling on [FACILITY], how often do you ride on the	Always	Most of the	Some of the	Never	n
following:		time	time		
Protected bike lanes	63%	35%	2%	ο%	299
Standard traffic lanes	1%	5%	60%	34%	241
Curb Area	0%	1%	20%	78%	232
Sidewalk	1%	0%	23%	76%	241

Consider the trip you were	By bicycle,	By bicycle,	Ву	By public	Ву	Ву	I would	Other	n
making when you were	using this	using	foot	transportation	car	taxi	NOT		
handed the postcard. Before	same	another					have		
the L Street protected bike	route	route					taken		
lanes were built, how would							this trip		
you have made this trip?									
	56%	32%	2%	5%	1%	1%	2%	1%	300
	56%	32%	2%	5%	1%	1%	2%	1%	300

14.2About Changes Due to the Protected Bike Lanes

Because of the L Street	Decreased	Decreased	Not	Increased	Increased	No	n
protected bike lanes	a lot	Somewhat	Changed	Somewhat	A lot	Opinion	
I feel the safety of bicycling on L Street has	1%	2%	2%	29%	65%	2%	298
the time it takes me to bicycle on L Street has	22%	38%	21%	10%	4%	4%	297
the usefulness of L Street for getting to places I want to go has	0%	2%	16%	27%	53%	1%	298
how often I stop at shops and businesses on L Street has	0%	о%	71%	17%	5%	6%	298
how comfortable I feel when bicycling on L Street has	1%	3%	6%	34%	55%	1%	298
drivers' awareness of people biking on L Street has	1%	2%	13%	42%	32%	10%	298
drivers' speeds on L Street have	0%	13%	61%	4%	1%	21%	298
how often I ride a bicycle overall has	0%	0%	69%	18%	11%	2%	298
the difficulty of navigating around turning motor vehicles has	14%	40%	14%	22%	7%	3%	298
the difficulty of navigating around pedestrians has	13%	30%	41%	10%	3%	3%	298
the difficulty of navigating around pedestrians has	3%	6%	24%	34%	12%	21%	298

14.3 Your Opinions about the Protected Bike Lanes

Please indicate if you agree or disagree with the following statements about the L Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I would go out of my way to ride on [STREET] compared to other streets.	4%	9%	43%	41%	2%	294
Taking [STREET] is the most direct bicycle route to my destination.	3%	16%	30%	45%	5%	294
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	1%	5%	17%	78%	0%	294
The buffer section with plastic flexposts between the traffic lanes and the bikeway makes me feel safe.	3%	8%	34%	55%	0%	294
During the winter, snow is quickly removed from the [FACILITY].	1%	3%	6%	3%	86%	294
Leaves and debris in the [FACILITY] are worse than other places I ride.	35%	29%	10%	2%	24%	294
The [FACILITY] is wide enough for me to ride comfortably.	0%	1%	13%	85%	1%	294
The [FACILITY] is wide enough for one bicyclist to pass another.	0%	4%	23%	72%	2%	294
The [FACILITY] is wide enough for two people to comfortably ride side-by-side.	4%	13%	33%	43%	7%	294
If I am bicycling with another adult, I would prefer to ride side-by-side.	14%	27%	25%	22%	13%	293
The [FACILITY] is safer than other [FACILITIES IN CITY].	4%	13%	34%	31%	17%	293

Please indicate if you disagree or agree with the following statements about the	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
effectiveness of the L Street protected bike lanes:						
The [FACILITY] makes it clear where cars can be and where the designated bicycle lanes are.	3%	7%	37%	51%	1%	294
The intersection signals, signs, and street markings make it clear who has the right-ofway at intersections.	7%	24%	45%	22%	2%	293
The [buffer] effectively separates bikes from cars.	5%	14%	35%	46%	0%	294
The [buffer] does a good job at protecting bikes from cars.	6%	15%	42%	36%	1%	294
The [FACILITY] makes drivers and bicyclists more predictable.	3%	12%	39%	46%	1%	294
The [FACILITY] makes it clear where pedestrians and bicyclists should be.	2%	7%	33%	55%	2%	294
The [FACILITY] design effectively separates bicyclists from pedestrians.	4%	13%	42%	37%	5%	294

14.4About What You Encounter in the Protected Bike Lanes

	How		ou encounter throtected Bike La		ng	How	much of a pro	blem is this?	
	Never	Rarely	Sometimes	Often	n	Not a Problem	Minor Problem	Major Problem	n
Cars parking	16%	36%	34%	14%	288	29%	44%	27%	273
Cars loading or unloading passengers	6%	18%	54%	22%	288	17%	53%	31%	277
Delivery vehicles loading or unloading	6%	9%	40%	45%	288	12%	37%	52%	281
Taxis	10%	22%	46%	22%	286	21%	49%	31%	276
Cars/trucks driving where they are not supposed to (in the [FACILITY])	19%	35%	34%	11%	288	28%	39%	32%	275
Cars/trucks waiting to make turns OFF of [STREET]	3%	16%	40%	41%	285	32%	52%	16%	273
Cars/trucks waiting to pull out ONTO [STREET]	21%	34%	31%	13%	283	58%	37%	5%	270
People walking in the [FACILITY]	24%	42%	28%	6%	287	47%	44%	9%	278
People standing in the [FACILITY] while waiting to cross the street	7%	28%	39%	26%	286	26%	47%	27%	280
Bicyslists Travelling in the WRONG direction	17%	31%	43%	8%	287	41%	40%	19%	276

While riding in the L Street protected bike lanes, have you had collisions or near-collisions with other people or objects on the road?	Yes, a collision	Yes, A Near Collision	No, Neither	n
	2%	36%	63%	287

If you have been involved in a collision or near-collision, please indicate what other people or objects were involved.	Collision	Near Collision	n
Another bicyclist	0	25	287
A pedestrian	1	59	287
A turning car	5	81	287
A parking car	1	23	287
A parked car	0	26	287
A delivery truck	0	38	287
A bus	0	4	287
Ataxi	1	44	287
One of the plastic flexposts	2	6	287
Other stationary object	1	2	287
Something else	1	9	287

14.5About Intersections

Please indicate if you disagree or agree with	Strongly	Somewhat	Somewhat	Strongly	No	n
the following statements about the	Disagree	Disagree	Agree	Agree	Opinion	
effectiveness of the L Street protected bike						
lanes:						
I understand where I am supposed to ride when	1%	2%	12%	85%	ο%	284
approaching the intersection.						
I usually follow the bicycle lane marking and	1%	3%	14%	82%	ο%	284
move over to the right (into the green marked						
bike lane) when approaching the intersection.						
Turning motorists generally yield to bicyclists	9%	23%	48%	17%	3%	284
when moving through the mixing zone and into						
the left-turn lane.						
Motorists generally understand how to make	9%	30%	47%	9%	5%	284
left turns at these intersections.						
Cars rarely block my pathway through the	21%	34%	31%	11%	3%	284
mixing zone.						
I often see motorists making left turns from the	14%	25%	41%	14%	6%	284
wrong lane (i.e. the lanes to the right of the						
cycle track rather than the left turn lane).						
I generally feel safe when bicycling through the	10%	25%	49%	15%	1%	284
mixing zone.						
I generally feel safe when I am in the green	5%	15%	51%	28%	1%	284
marked lane next to the left-turn lane.						

When you bicycle on L Street, do you ever make right turns off of the cycle track?	Yes	No, I don't ever need to	No, I'm not comfortable making right turns out of the cycle track	n
	40%	45%	15%	285

When the light is red and traffic is stopped	I use the bike box to cross in front of stopped motor vehicles and make my turn.	I use the crosswalk to cross in front of stopped motor vehicles and make my turn.	Prior to the intersection, I move over to the right lane on L Street and complete the turn from there	Other	I don't ever make right turns off of L Street	n
	62%	46%	49%	4%	1%	112

When the light is red and traffic is stopped	I wait in the bike lane for a red light or gap in traffic, and then cross to the right side of the street	I move onto the sidewalk and wait for a red light or gap in traffic, and then cross to the right side of the street	Prior to the intersection, I move over to the right lane on L Street and complete the turn from there	Other	I don't ever make right turns off of L Street	n
	49%	21%	54%	7%	1%	112

14.6Loading or Drop-off Zones

Please indicate if you disagree or agree with the following statements about the effectiveness of the L Street protected bike lanes:	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
I often encounter motor vehicles stopped in these loading zones.	3%	22%	39%	22%	13%	281
Stopped cars at these loading zones usually allow enough space for bicyclists to pass on the right.	14%	23%	37%	5%	21%	281
Most motorists pay attention to bicyclists when entering and exiting the loading zone area.	9%	36%	32%	5%	19%	281
I feel comfortable bicycling around cars in the loading zones.	5%	23%	42%	16%	13%	281

14.7 About Bicycling and Comfort

Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
(A) On a path or trail separate from the street	3%	0%	1%	3%	9%	85%	280
(B) On a commercial street with two lanes of traffic in each direction, traffic speeds of 35 miles per hour, on-street car parking, and no bike lane	17%	25%	24%	18%	14%	2%	281
(C) On a similar street to (B), but with a striped bike lane added	1%	4%	12%	30%	39%	15%	281
(D) On a similar street to (B), but with a physically separated bike lane	1%	1%	1%	5%	30%	62%	281

How comfortable would you feel bicycling on a commercial street with two lanes of traffic in each direction, with traffic speeds of 35 miles per hour (Situation D above), but with the following types of separation from traffic:	Very Uncomfortable (1)	(2)	(3)	(4)	(5)	Very Comfortable (6)	n
With a painted buffer and parked cars	1%	5%	7%	17%	35%	35%	281
With a 2-3 foot buffer and plastic flexposts	1%	1%	2%	7%	34%	55%	281
With a painted 2-3 foot buffer	1%	4%	8%	26%	40%	22%	280
With planters separating the bikeway	1%	1%	3%	4%	18%	73%	281
With a solid painted buffer	1%	2%	10%	25%	41%	21%	281
with a raised concrete curb	2%	4%	7%	7%	19%	61%	281

14.8 About People You Encounter on the Street

Please indicate if you agree or disagree with the following	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree	No Opinion	n
statements:	_	_	_		-	
Most drivers follow the rules of the road.	8%	29%	54%	9%	0%	282
Most drivers are predictable.	5%	28%	58%	8%	0%	282
Most bicyclists follow the rules of the road.	12%	46%	38%	4%	0%	282
Most bicyclists are predictable.	10%	39%	44%	6%	0%	282
Most pedestrians follow the rules of the road.	15%	44%	35%	5%	0%	282
Most pedestrians are predictable.	14%	37%	41%	8%	0%	282

14.9Demographics

Do you have a current:	Yes	No	n
Driver's license	98%	2%	282
Transit pass	88%	12%	279
Bikeshare Membership	37%	63%	268
Carshare Membership	37%	63%	268

How many working motor vehicles does your household own or lease?	0	1	2	3 or more	n
	27%	43%	24%	5%	282

How many working adult bicycles does your household own?	0	1	2	3 or more	n
	5%	25%	33%	37%	282

INCLUDING YOURSELF, how many adults live in your household?	1	2	3 or more	n
	22%	63%	15%	282

How many children live in your household?	0	1	2	3 or more	n
	51%	16%	25%	9%	170

What is your gender?	Male	Female	Other	Total
	72%	28%	0%	282

What is your age?	Mean	18-24	25-34	35-44	45-64	65+	n
	37.5	9%	42%	22%	25%	2%	281

Do you consider	American	Asian	Black/African	Hispanic/Latino(a)	White/	Other	Total
yourself:	Indian/Alaska Native		American		Caucasian		
	0%	4%	3%	4%	91%	3%	277

What is your employment status?	Work Outside home	School	Work from home	Not employed	n
	93%	5%	7%	3%	280

What is your annual household income?	<\$25 , 000	\$25k-\$50k	\$50k-75k	\$75k-\$100k	\$100k-\$200k	>\$200,000	n
	4%	9%	9%	17%	40%	21%	247

What is the highest	Some high	High school	Some	Trade/Voc	Associate	Four-year	Other	n
level of school you	school or	diploma or	college	school	Degree	college or		
have completed?	less	GED				more		
	ο%	1%	4%	0%	1%	82%	11%	282