W. Mulberry Reshaping Project – 2018 Online Survey Summary

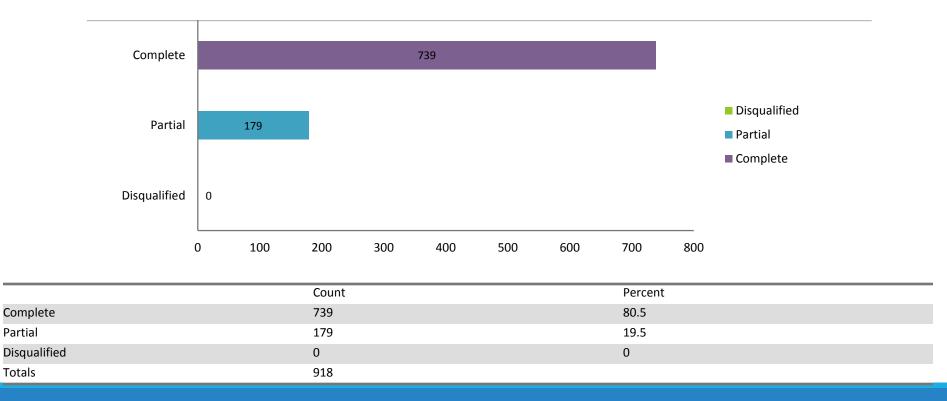
The following information summarizes the feedback received through an online survey about the W. Mulberry redesign project with an emphasis on the protected bike lanes. In addition to the information reflected in this summary, City Staff are in the process of summarizing the input received through openended questions – this summary will be made available to the public in spring 2019.



Response Statistics

Partial

Totals



1. How did you receive information about this survey?

Value	Percent	Count
I received a handout with information about the survey.	4.3%	35
On the City of Fort Collins website.	2.8%	23
Through social media (for example, Facebook).	37.9%	312
Through an email invitation.	27.6%	227
Through a direct mailing/flier to my home.	15.8%	130
I saw the yard signs with survey information	3.2%	26
Other - Write In	8.5%	70
Totals		823

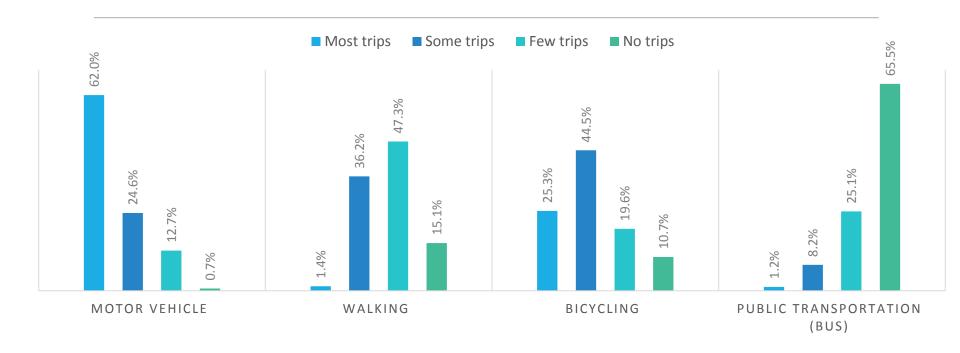
2. How far from W. Mulberry Street (between Overland Trail and Shields) do you live?

Value	Percent	Count
l live directly on W. Mulberry Street.	10.3%	85
l live within three blocks of W. Mulberry Street.	34.3%	283
I live within ½ mile of W. Mulberry Street.	16.3%	134
l live more than ½ mile from W. Mulberry Street.	39.1%	322
Totals		824

3. How do you typically move about town?

	Мо	st trips	Some	trips	Few	trips	No t	trips	Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
Motor Vehicle	497	62.0%	197	24.6%	102	12.7%	6	0.7%	802
Walking	10	1.4%	258	36.2%	337	47.3%	108	15.1%	713
Bicycling	192	25.3%	338	44.5%	149	19.6%	81	10.7%	760
Public transportation (bus)	8	1.2%	55	8.2%	168	25.1%	439	65.5%	670
Other									41

3. How do you typically move about town? (same as previous slide, different chart)



4. On average, how often do you travel along W. Mulberry Street?

	N	ever	Montl	nly	We	ekly	A few tim	es a week	Da	nily	Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
Bicycling	176	22.7%	236	30.5%	139	17.9%	125	16.1%	99	12.8%	775
Walking	370	50.8%	139	19.1%	80	11.0%	89	12.2%	50	6.9%	728
Driving	21	2.6%	140	17.5%	174	21.8%	193	24.1%	272	34.0%	800
Public Transportatio n (bus)	629	90.0%	47	6.7%	13	1.9%	6	0.9%	4	0.6%	699
Other	407	82.9%	23	4.7%	13	2.6%	20	4.1%	28	5.7%	491

5. Whether or not you currently ride a bicycle, please consider how comfortable you would be riding a bicycle in each place.

	Very co	mfortable	Somewha	it comfortable	Somewhat	uncomfortable	Very unco	mfortable	Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
On a path or trail separate from	709	87.2%	77	9.5%	14	1.7%	13	1.6%	813
the street.									
On a major street (arterial, like	30	3.7%	70	8.6%	182	22.3%	533	65.4%	815
Prospect or Lemay) with two									
lanes of traffic in each direction,									
traffic speeds of 35 miles per									
hour, and no bike lane.									
On a similar street to Prospect or	112	13.8%	334	41.1%	283	34.8%	84	10.3%	813
Lemay, but with a standard									
striped bike lane added.									
On a similar street to Prospect or	313	38.5%	352	43.2%	96	11.8%	53	6.5%	814
Lemay, but with a BUFFERED									
bike lane added (buffered bike									
lanes include a painted 2-3'									
buffer between the bike lane									
and travel lane) .									
On a similar street to Prospect or	537	65.9%	165	20.2%	63	7.7%	50	6.1%	815
Lemay, but with a PHYSICALLY									
SEPARATED bike lane (like W.									
Mulberry Street).				DRAFT SURVEY SUMI	MARY				

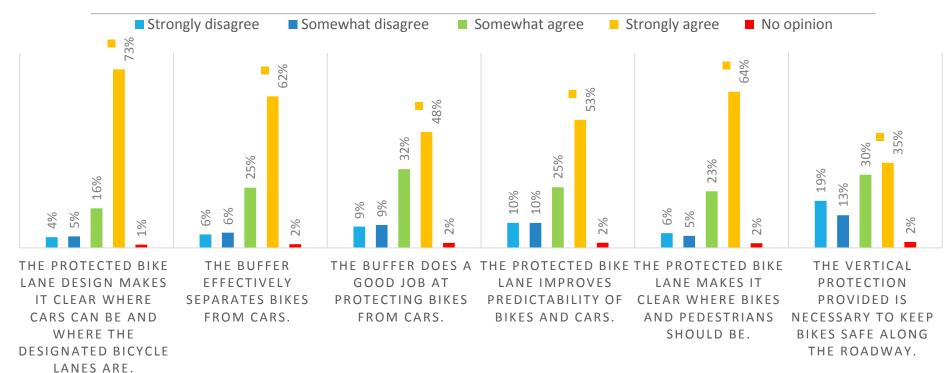
6. The W. Mulberry Street reshaping project was completed in August 2018. Have you traveled the corridor (anywhere between Overland Trail and Jackson Avenue on the east edge of City Park) since the project was completed?

Value	Percent	Count
Yes	96.0%	791
No	4.0%	33

7. Since the completion of the W. Mulberry Street reshaping project (between Overland Trail and Jackson Avenue):

	Decreased a lot		Decreased somewhat		Not changed		Increased somewhat		Increased a lot		Not applicable to me		Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
The aesthetic appeal of Mulberry has	158	21.2%	140	18.8%	123	16.5%	147	19.7%	172	23.1%	6	0.8%	746
How well Mulberry works for all people traveling along it has	125	16.8%	107	14.3%	55	7.4%	178	23.9%	272	36.5%	9	1.2%	746
The usefulness of this street for getting places I want to go has	120	16.0%	90	12.0%	157	21.0%	138	18.4%	243	32.4%	1	0.1%	749
The likelihood that I will choose to bicycle on this street as opposed to other streets has	44	5.9%	11	1.5%	177	23.7%	132	17.7%	351	47.0%	32	4.3%	747
Drivers' awareness of bicyclists on this street has	24	3.2%	21	2.8%	170	22.8%	226	30.4%	285	38.3%	18	2.4%	744
How often I ride a bicycle overall has	18	2.4%	10	1.3%	501	67.0%	124	16.6%	54	7.2%	41	5.5%	748
Drivers' speeds on this street have	65	8.7%	308	41.3%	304	40.8%	29	3.9%	14	1.9%	26	3.5%	746

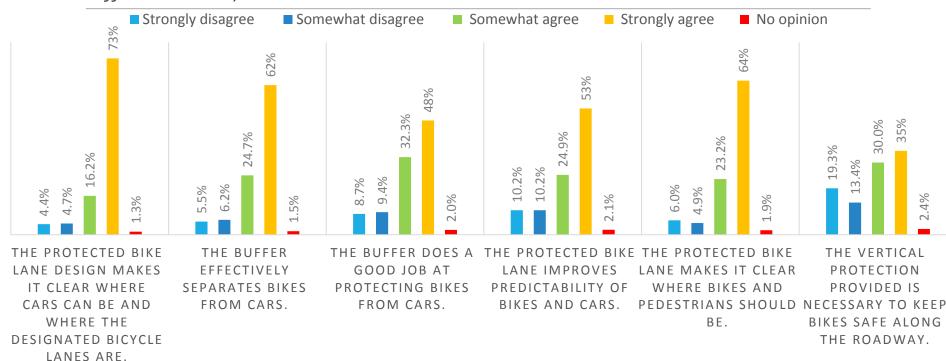
7. Since the completion of the W. Mulberry Street reshaping project (between Overland Trail and Jackson Avenue): (same as previous slide, different chart)



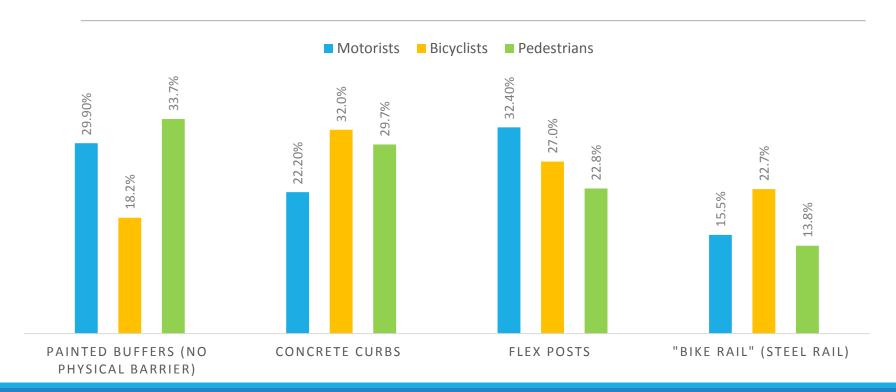
8. Please indicate whether you agree or disagree with the following statements about the effectiveness of the W. Mulberry Street protected bike lanes:

	Strongly disagree		Somewhat disagree		Somewhat agree		Strongly agree		No opinion		Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
The protected bike lane design makes it clear where cars can be and where the designated bicycle lanes are.	33	4.4%	35	4.7%	121	16.2%	547	73.3%	10	1.3%	746
The buffer effectively separates bikes from cars.	41	5.5%	46	6.2%	184	24.7%	464	62.2%	11	1.5%	746
The buffer does a good job at protecting bikes from cars.	65	8.7%	70	9.4%	241	32.3%	354	47.5%	15	2.0%	745
The protected bike lane improves predictability of bikes and cars.	76	10.2%	76	10.2%	186	24.9%	392	52.5%	16	2.1%	746
The protected bike lane makes it clear where bikes and pedestrians should be.	44	6.0%	36	4.9%	171	23.2%	473	64.1%	14	1.9%	738
The vertical protection provided is necessary to keep bikes safe along the roadway.	144	19.3%	100	13.4%	224	30.0%	260	34.9%	18	2.4%	746

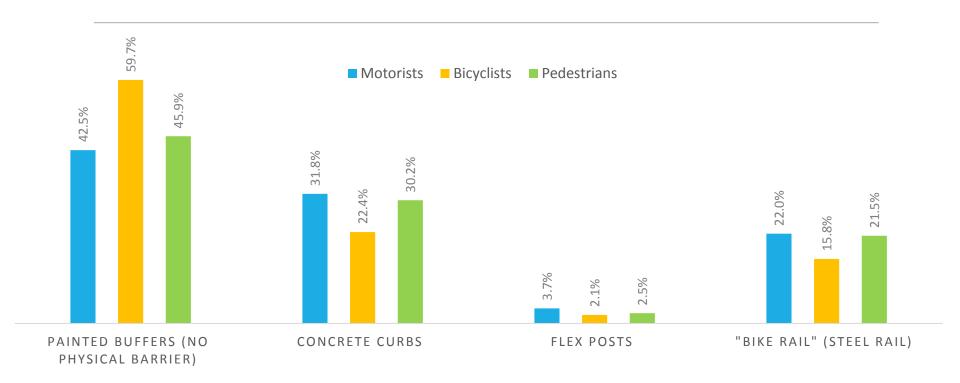
8. Please indicate whether you agree or disagree with the following statements about the effectiveness of the W. Mulberry Street protected bike lanes: (same as previous slide, different chart)



For all respondents, by mode – which protected bike lane barrier type do you prefer **THE MOST**?



For all respondents, by mode – which protected bike lane barrier type do you prefer **THE LEAST**?



9. Have you driven a motor vehicle on this section of W. Mulberry Street since the reshaping project was completed?

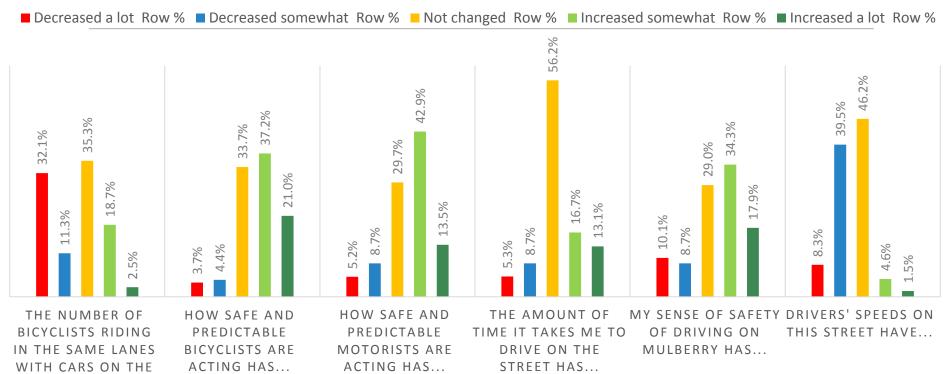
Value	Percent	Count
Yes	94.1%	704
No (skip section to next page)	5.9%	44
Totals		748

10. Since the W. Mulberry Street reshaping project was completed ...

	Decreased a lot		Decreased somewhat		Not changed		Increased somewhat		Increased a lot		Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
The number of bicyclists riding in the same lanes with cars on the street has	218	32.1%	77	11.3%	240	35.3%	127	18.7%	17	2.5%	679
How safe and predictable bicyclists are acting has	25	3.7%	30	4.4%	228	33.7%	252	37.2%	142	21.0%	677
How safe and predictable motorists are acting has	35	5.2%	59	8.7%	202	29.7%	291	42.9%	92	13.5%	679
The amount of time it takes me to drive on the street has	36	5.3%	59	8.7%	381	56.2%	113	16.7%	89	13.1%	678
My sense of safety of driving on Mulberry has	69	10.1%	59	8.7%	198	29.0%	234	34.3%	122	17.9%	682
Drivers' speeds on this street have	56	8.3%	268	39.5%	313	46.2%	31	4.6%	10	1.5%	678

10. Since the W. Mulberry Street reshaping project was completed ... (same as previous slide, different chart)

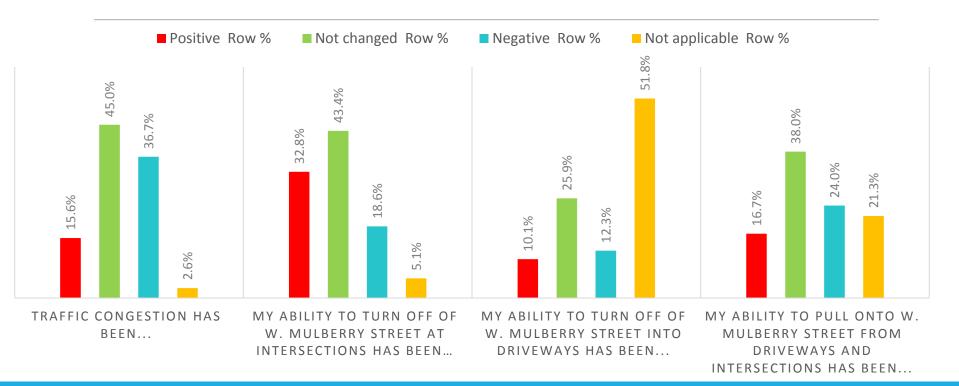
STREET HAS...



11. The impact of the W. Mulberry Street reshaping project on...

	Pos	sitive	Not ch	anged	Neg	ative	Not app	olicable	Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
Traffic congestion has been	107	15.6%	308	45.0%	251	36.7%	18	2.6%	684
My ability to turn off of W. Mulberry Street at intersections has been	224	32.8%	296	43.4%	127	18.6%	35	5.1%	682
My ability to turn off of W. Mulberry Street into driveways has been	69	10.1%	177	25.9%	84	12.3%	354	51.8%	684
My ability to pull onto W. Mulberry Street from driveways and intersections has been	114	16.7%	259	38.0%	164	24.0%	145	21.3%	682

11. The impact of the W. Mulberry Street reshaping project on... (same as previous slide, different chart)



12. Since the Mulberry Street reshaping project was completed, how often do you (or will you) drive this route?

Value	Percent	Count
More frequently	9.0%	62
About the same	76.8%	527
Less frequently	14.1%	97
Totals		686

13. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. <u>As a vehicle driver</u>, please click on the picture of the type of separation you prefer THE MOST:

Value	Percent	Count
Painted buffers (no physical barrier)	29.9%	191
Concrete Curbs	22.2%	142
Flex Posts	32.4%	207
"Bike Rail" (Steel Rail)	15.5%	99
Totals		639

14. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. <u>As a vehicle driver</u>, please click on the picture of the type of separation you prefer THE LEAST:

Value	Percent	Count
Painted buffers (no physical barrier)	42.5%	277
Concrete Curbs	31.8%	207
Flex Posts	3.7%	24
"Bike Rail" (Steel Rail)	22.0%	143
Totals		651

15. Have you ridden a bike on this section of W. Mulberry Street since the reshaping project was completed?

Value	Percent	Count
Yes	61.7%	450
No (skip section to next page)	38.3%	279
Totals		729

16. Had you bicycled on W. Mulberry Street prior to the implementation of the protected bike lanes?

Value	Percent	Count
Yes	88.0%	381
No	12.0%	E2
		52
Totals		433

17. How have the W. Mulberry Street protected bike lanes changed your sense of comfort and safety when bicycling along the street?

	Increased		No change		Decreased		I don't use the protected bike lanes, but do ride along Mulberry		Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
My sense of comfort has	303	79.9%	49	12.9%	18	4.7%	9	2.4%	379
My sense of safety has	305	81.8%	48	12.9%	13	3.5%	7	1.9%	373

18. Overall, how safe and comfortable do you feel when bicycling in the W. Mulberry Street protected bike lanes?

	Percent	Count
	64.9%	281
	26.1%	113
	7.4%	32
	1.6%	7
·		433
		26.1% 7.4%

19. Since the W. Mulberry Street protected bike lanes were installed, how often do you (or will you) bike on this route?

Value	Percent	Count
Less frequently	6.2%	27
More frequently	60.1%	261
About the same	33.6%	146
Totals		434

20. Do you prefer to bicycle on W. Mulberry Street following the installation of the protected bike lane over alternative routes?

Value	Percent	Count
Very much prefer alternatives	14.8%	64
Somewhat prefer alternatives	20.4%	88
Somewhat prefer W. Mulberry	36.4%	157
Very much prefer W. Mulberry	28.3%	122
Totals		431

21. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. <u>As a bicyclist</u>, please click on the picture of the type of separation you prefer **THE MOST**:

Value		Percent	Count
Painted buffers (no physical barrier)		18.2%	77
Concrete Curbs		32.0%	135
Flex Posts		27.0%	114
"Bike Rail" (Steel Rail)	-	22.7%	96
Totals			422

22. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. <u>As a bicyclist</u>, please click on the picture of the type of separation you prefer **THE LEAST**:

Value	Percent	Count
Painted buffers (no physical barrier)	59.7%	250
Concrete Curbs	22.4%	94
Flex Posts	2.1%	9
"Bike Rail" (Steel Rail)	15.8%	66
Totals		419

23. How safe and comfortable do you feel when bicycling in different sections of the W. Mulberry Street protected bike lanes?

	Very safe and So		Somewha	at safe and Somewhat ι		unsafe and Very unsafe and		Not applicable to me, I		Responses	
	comfortable		comfortable		uncomfortable		uncomfortable		haven't ridden this section		
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
Sections with	272	62.7%	93	21.4%	38	8.8%	19	4.4%	12	2.8%	434
concrete curbs											
Sections with	158	36.7%	215	49.9%	44	10.2%	9	2.1%	5	1.2%	431
only flexible											
posts											
Sections with	241	55.4%	123	28.3%	44	10.1%	20	4.6%	7	1.6%	435
"bike rail"											
(white metal											
rail)											
Section behind	82	18.9%	170	39.2%	104	24.0%	43	9.9%	35	8.1%	434
parked cars by											
Sheldon Lake											
Sections with	67	15.4%	204	46.9%	123	28.3%	38	8.7%	3	0.7%	435
only a											
buffered bike											
lane (just											
paint)											

24. Pertaining to the intersection treatments shown in the previous images: How safe and comfortable do you feel when bicycling through the different types of intersections along the W. Mulberry Street protected bike lanes?

	Very safe and comfortable		Somewhat safe and comfortable		Somewhat unsafe and uncomfortable		Very unsafe and uncomfortable		Not applicable to me, I haven't ridden this section		Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
Image 1. Green painted bike lanes indicating merge or conflict areas	141	32.5%	229	52.8%	49	11.3%	9	2.1%	6	1.4%	434
Image 2. Concrete- separated intersection (westbound at Bryan)	261	60.0%	102	23.4%	43	9.9%	16	3.7%	13	3.0%	435
Image 3. Dashed bike lane approaching intersections	52	12.0%	188	43.3%	132	30.4%	57	13.1%	5	1.2%	434

26. When riding along W. Mulberry, where do you typically ride? There is no right or wrong answer:

Value	Pe	ercent	Count
In the bike lanes.	75	5.8%	328
In the street with traffic.	1.4	4%	6
On the sidewalk.	3.2	2%	14
A mix of sidewalk and bike lanes.	19	0.6%	85
Totals			433

27. Have you walked along this section of W. Mulberry Street since the reshaping project was completed?

Value	Percent	Count
Yes	36.7%	262
No (skip to next section)	63.3%	452
Totals		714

28. Since the W. Mulberry Street reshaping project was completed...

	Incre	ased a lot	Increase	d a little	No ch	nange	Decrease	ed a little	Decreas	sed a lot	Responses
	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count	Row %	Count
The number of bicyclists riding on the SIDEWALK has	10	3.9%	29	11.3%	98	38.3%	78	30.5%	41	16.0%	256
My sense of safety when crossing this street has	39	15.1%	71	27.5%	112	43.4%	25	9.7%	11	4.3%	258
My sense of comfort and safety of walking along Mulberry has		28.4%	66	25.7%	95	37.0%	14	5.4%	9	3.5%	257

29. Since the W. Mulberry Street reshaping project was completed, how often do you (or will you) walk on this route?

Value	Percent	Count
Less frequently	8.8%	23
More frequenly	23.5%	61
About the same	67.7%	176
Totals		260

30. Overall, how safe and comfortable do you feel walking on W. Mulberry Street since the reshaping project was completed?

Value	Percent	Count
Very safe and comfortable	47.5%	122
Somewhat safe and comfortable	37.7%	97
Somewhat unsafe and uncomfortable	10.5%	27
Very unsafe and uncomfortable	4.3%	11
Totals		257

31. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. <u>As a pedestrian</u>, please click on the picture of the type of separation you prefer THE MOST:

Value	Percent	Count
Painted buffers (no physical barrier)	33.7%	83
Concrete Curbs	29.7%	73
Flex Posts	22.8%	56
"Bike Rail" (Steel Rail)	13.8%	34
Totals		246

32. The protected bike lanes along W. Mulberry Street include different types of separation between the travel lane and bicycle lane. As a <u>pedestrian</u>, please click on the picture of the type of separation you <u>prefer THE LEAST</u>:

Value	Percent	Count
Painted buffers (no physical barrier)	45.9%	111
Concrete Curbs	30.2%	73
Flex Posts	2.5%	6
"Bike Rail" (Steel Rail)	21.5%	52
Totals		242

DRAFT SURVEY SUMMARY

33. Mark your response to the following questions:

		Agree	No	opinion	Disagree		Responses
	Count	Row %	Count	Row %	Count	Row %	Count
I support building more	471	67.0%	42	6.0%	190	27.0%	703
protected bike lanes around the							
city after experiencing them on							
W. Mulberry St.							
I would bike with children along	391	55.7%	165	23.5%	146	20.8%	702
W. Mulberry with the new							
protected bike lanes.							
My perspective of the Mulberry	271	38.7%	229	32.7%	200	28.6%	700
reshaping project has changed							
positively, compared to what I							
thought about the project before							
it was completed.							

35. Select your gender.

Value		Percent	Count
Female		41.7%	294
Male		52.5%	370
Transgender male		0.1%	1
Gender non-conforming	_	1.1%	8
Prefer to self-identify		0.1%	1
Decline to specify		4.4%	31
Totals			705

36. Select your race.

Value	Percent	Count
American Indian/Alaska Native	1.3%	9
Asian	0.4%	3
Black/African American	 0.1%	1
White	81.0%	566
Two or more races	3.4%	24
Decline to specify	13.7%	96
Totals		699

37. Select your ethnicity.

Value	Percent	Count
Hispanic/Latinx	3.7%	25
Non-Hispanic/non-Latinx	76.6%	523
Decline to specify	19.8%	135
Totals		683

38. Select your age range.

Value	Percent	Count
15-19 yrs	0.7%	5
20-29 yrs	13.0%	91
30-39 yrs	23.8%	167
40-49 yrs	18.2%	128
50-59 yrs	17.7%	124
60-69 yrs	15.5%	109
70 yrs or older	6.0%	42
Decline to specify	5.1%	36
Totals		702