



CHARLOTTE 2016 TRANSPORTATION SURVEY

The **2016 Transportation Survey** is a statistically valid household opinion survey regarding transportation-related issues in Charlotte that is completed every two years as recommended in the City's Transportation Action Plan *Policy 4.1.4*.

The survey was conducted from May-June of 2016 and includes responses from 404 randomly selected households within Charlotte and its ETJ, using both landline and wireless phone numbers. This survey was conducted by The Jackson Group/Bivarus of Hickory, NC. Questions cover a variety of topics including residents' opinions about:

- Existing driving conditions
- Possible solutions to congestion
- Priorities for public sector actions
- Centers, Corridors and Wedges
- Pedestrian and bicycle travel
- Funding options for road construction and maintenance
- Speeding and safety

TAP Policy 4.1.4

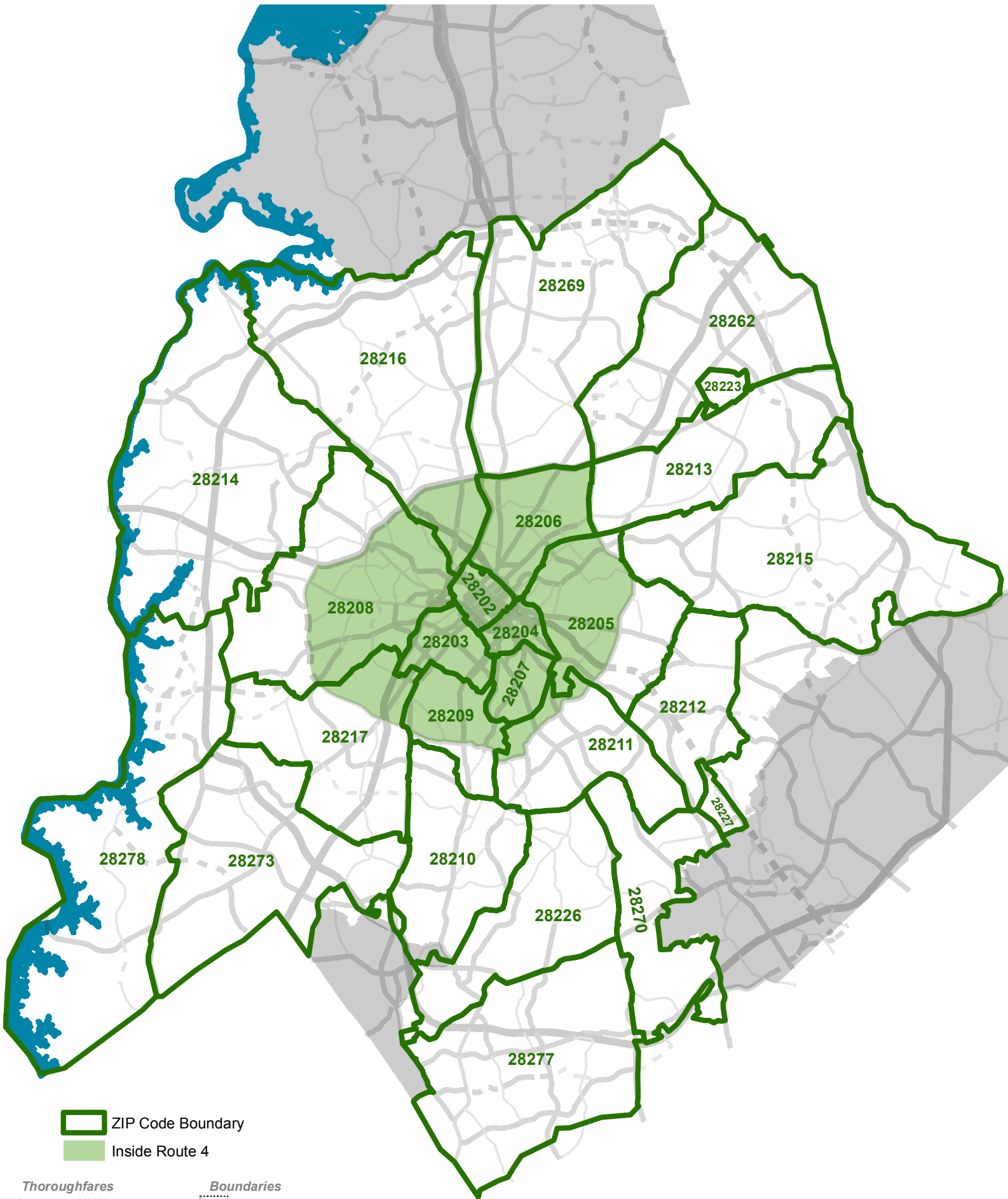
The City will continue to implement a biennial survey to determine baseline public awareness and knowledge of the strategies recommended in the TAP, including the Centers, Corridors and Wedges Growth Framework and the City's multimodal transportation approach.

INFORMATION ABOUT THE REPORT

On the following pages you will find 1) a map illustrating the ZIP codes used to define the crosstabs provided for "Inside Route 4" and "Outside Route 4," and 2) the data for the entire survey.

Additionally, the Charlotte Department of Transportation has prepared a graphical summary of all questions in the survey as a supplement to the report. It can be found on CDOT's webpage (<http://www.charlottenc.gov/transportation>).

Charlotte ZIP Code Boundaries



- ZIP Code Boundary
- Inside Route 4

Thoroughfares

- Freeway
- Proposed Freeway
- Major
- Proposed Major
- Minor
- Proposed Minor

Boundaries

- Charlotte City Limits
- Charlotte Sphere of Influence
- Surrounding Spheres of Influence



2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

A. What is your home zip code?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	28202	10	2.5%	10	5.0%	0	0.0%
2	28203	15	3.7%	15	7.5%	0	0.0%
3	28204	14	3.4%	14	7.0%	0	0.0%
4	28205	57	14.0%	57	28.4%	0	0.0%
5	28206	15	3.7%	15	7.5%	0	0.0%
6	28207	15	3.7%	15	7.5%	0	0.0%
7	28208	40	9.9%	40	19.9%	0	0.0%
8	28209	35	8.6%	35	17.4%	0	0.0%
9	28210	15	3.7%	0	0.0%	15	7.3%
10	28211	15	3.7%	0	0.0%	15	7.3%
11	28212	15	3.7%	0	0.0%	15	7.3%
12	28213	12	3.0%	0	0.0%	12	5.9%
13	28214	11	2.7%	0	0.0%	11	5.4%
14	28215	17	4.2%	0	0.0%	17	8.3%
15	28216	20	4.9%	0	0.0%	20	9.8%
16	28217	3	0.7%	0	0.0%	3	1.5%
17	28226	18	4.4%	0	0.0%	18	8.8%
18	28262	7	1.7%	0	0.0%	7	3.4%
19	28269	24	5.9%	0	0.0%	24	11.7%
20	28270	9	2.2%	0	0.0%	9	4.4%
21	28273	9	2.2%	0	0.0%	9	4.4%
22	28277	21	5.2%	0	0.0%	21	10.2%
23	28278	9	2.2%	0	0.0%	9	4.4%
24	Other/None listed	0	0.0%	0	0.0%	0	0.0%
25	Don't Know / REFUSED	0	0.0%	0	0.0%	0	0.0%
Total		406	100.0%	201	100.0%	205	100.0%

1. Do think it is easy to drive in Charlotte?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	Yes	212	52.2%	107	53.2%	105	51.2%
2	No	173	42.6%	83	41.3%	90	43.9%
3	Don't Know / REFUSED	21	5.2%	11	5.5%	10	4.9%
Total		406	100.0%	201	100.0%	205	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

2. Please describe the route you most commonly take to work. Would you say it is...?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Very uncongested.	17	4.2%	9	4.5%	8	3.9%
2 Somewhat uncongested.	12	3.0%	4	2.0%	8	3.9%
3 Some days congested/Other days uncongested.	57	14.0%	24	11.9%	33	16.1%
4 Somewhat congested.	94	23.2%	43	21.4%	51	24.9%
5 Very congested.	77	19.0%	28	13.9%	49	23.9%
6 I don't work/Work at home.	144	35.5%	90	44.8%	54	26.3%
9 [Don't Read] Don't Know / Refused to Answer	5	1.2%	3	1.5%	2	1.0%
Total	406	100.0%	201	100.0%	205	100.0%

3. (TOTAL) If the route you most frequently take to work is or were to become extremely congested, would you:

# TOTAL RESPONSES	Yes	No	Don't Know	Total
a. Change your route	199	57	6	262
	76.0%	21.8%	2.3%	100.0%
b. Find alternative modes of transportation	89	161	12	262
	34.0%	61.5%	4.6%	100.0%
c. Change time of travel	142	111	9	262
	54.2%	42.4%	3.4%	100.0%
d. Move closer to work	43	203	16	262
	16.4%	77.5%	6.1%	100.0%
e. Find a job closer to home	66	181	15	262
	25.2%	69.1%	5.7%	100.0%
f. Continue current travel plan	200	52	10	262
	76.3%	19.8%	3.8%	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

3. (INSIDE) If the route you most frequently take to work is or were to become extremely congested, would you:

# INSIDE ROUTE 4	Yes	No	Don't Know	Total
a. Change your route	84 75.7%	23 20.7%	4 3.6%	111 100.0%
b. Find alternative modes of transportation	45 40.5%	59 53.2%	7 6.3%	111 100.0%
c. Change time of travel	60 54.1%	46 41.4%	5 4.5%	111 100.0%
d. Move closer to work	16 14.4%	87 78.4%	8 7.2%	111 100.0%
e. Find a job closer to home	30 27.0%	70 63.1%	11 9.9%	111 100.0%
f. Continue current travel plan	82 73.9%	24 21.6%	5 4.5%	111 100.0%

3. (OUTSIDE) If the route you most frequently take to work is or were to become extremely congested, would you:

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Total
a. Change your route	115 76.2%	34 22.5%	2 1.3%	151 100.0%
b. Find alternative modes of transportation	44 29.1%	102 67.5%	5 3.3%	151 100.0%
c. Change time of travel	82 54.3%	65 43.0%	4 2.6%	151 100.0%
d. Move closer to work	27 17.9%	116 76.8%	8 5.3%	151 100.0%
e. Find a job closer to home	36 23.8%	111 73.5%	4 2.6%	151 100.0%
f. Continue current travel plan	118 78.1%	28 18.5%	5 3.3%	151 100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

4. (TOTAL) If the route you take to work is or were to become extremely congested, which actions should the City of Charlotte or the State take to relieve congestion?

# TOTAL RESPONSES	Yes	No	Don't Know	Total
a. Provide alternate modes of transportation	207	50	5	262
	79.0%	19.1%	1.9%	100.0%
b. Build more streets and roads	150	106	6	262
	57.3%	40.5%	2.3%	100.0%
c. Widen existing streets and roads	201	55	6	262
	76.7%	21.0%	2.3%	100.0%
d. Improve coordination of traffic signals	229	27	6	262
	87.4%	10.3%	2.3%	100.0%

4. (INSIDE) If the route you take to work is or were to become extremely congested, which actions should the City of Charlotte or the State take to relieve congestion?

# INSIDE ROUTE 4	Yes	No	Don't Know	Total
a. Provide alternate modes of transportation	84	24	3	111
	75.7%	21.6%	2.7%	100.0%
b. Build more streets and roads	54	54	3	111
	48.6%	48.6%	2.7%	100.0%
c. Widen existing streets and roads	76	31	4	111
	68.5%	27.9%	3.6%	100.0%
d. Improve coordination of traffic signals	93	15	3	111
	83.8%	13.5%	2.7%	100.0%

4. (OUTSIDE) If the route you take to work is or were to become extremely congested, which actions should the City of Charlotte or the State take to relieve congestion?

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Total
a. Provide alternate modes of transportation	123	26	2	151
	81.5%	17.2%	1.3%	100.0%
b. Build more streets and roads	96	52	3	151
	63.6%	34.4%	2.0%	100.0%
c. Widen existing streets and roads	125	24	2	151
	82.8%	15.9%	1.3%	100.0%
d. Improve coordination of traffic signals	136	12	3	151
	90.1%	7.9%	2.0%	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

5. - 7. (TOTAL) Please answer Yes, or No to the following questions:

# TOTAL RESPONSES	Yes	No	Don't Know	Total
5. Would you like to drive less in Charlotte?	258 63.5%	132 32.5%	16 3.9%	406 100.0%
6. Do think it is easy to take the bus or train in Charlotte?	133 32.8%	184 45.3%	89 21.9%	406 100.0%
7. Would you like to take the bus or train more in Charlotte?	238 58.6%	150 36.9%	18 4.4%	406 100.0%

5. - 7. (INSIDE ROUTE 4) Please answer Yes, or No to the following questions:

# INSIDE ROUTE 4	Yes	No	Don't Know	Total
5. Would you like to drive less in Charlotte?	122 60.7%	68 33.8%	11 5.5%	201 100.0%
6. Do think it is easy to take the bus or train in Charlotte?	72 35.8%	83 41.3%	46 22.9%	201 100.0%
7. Would you like to take the bus or train more in Charlotte?	123 61.2%	72 35.8%	6 3.0%	201 100.0%

5. - 7. (OUTSIDE) Please answer Yes, or No to the following questions:

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Total
5. Would you like to drive less in Charlotte?	136 66.3%	64 31.2%	5 2.4%	205 100.0%
6. Do think it is easy to take the bus or train in Charlotte?	61 29.8%	101 49.3%	43 21.0%	205 100.0%
7. Would you like to take the bus or train more in Charlotte?	115 56.1%	78 38.0%	12 5.9%	205 100.0%

8. Do you believe roads should be designed to accommodate all users including motorists, pedestrians, bicyclists, and transit users?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	346	85.2%	175	87.1%	171	83.4%
2 No	48	11.8%	21	10.4%	27	13.2%
3 Don't Know	9	2.2%	4	2.0%	5	2.4%
9 Refused to Answer	3	0.7%	1	0.5%	2	1.0%
	406	100.0%	201	100.0%	205	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

9. How should the government pay for new roads?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Impact Fees for new development	95	23.4%	50	24.9%	45	22.0%
2 Sales Taxes	52	12.8%	28	13.9%	24	11.7%
3 Property Tax	48	11.8%	23	11.4%	25	12.2%
4 Gas Taxes	98	24.1%	55	27.4%	43	21.0%
5 Tolls	42	10.3%	21	10.4%	21	10.2%
6 If someone says "none" but offers "Other"	93	22.9%	36	17.9%	57	27.8%
7 Don't Know / Refused to Answer	55	13.5%	28	13.9%	27	13.2%
Multi-answer Grand Total	483		241		242	

10. How should the government pay for road maintenance?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Sales Taxes	88	21.7%	34	16.9%	54	26.3%
2 Property Tax	64	15.8%	32	15.9%	32	15.6%
3 Gas Taxes	156	38.4%	91	45.3%	65	31.7%
4 Tolls	47	11.6%	23	11.4%	24	11.7%
5 If someone says "none" but offers "Other"	59	14.5%	22	10.9%	37	18.0%
6 Don't Know / Refused to Answer	48	11.8%	21	10.4%	27	13.2%
Multi-answer Grand Total	462		223		239	

11. Do you believe that the COC should steer growth to areas where there is sufficient infrastructure to accommodate it; steer growth away from areas where there is not sufficient infrastructure?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	270	66.5%	137	68.2%	133	64.9%
2 No	104	25.6%	46	22.9%	58	28.3%
3 Don't Know	26	6.4%	15	7.5%	11	5.4%
9 Refused to Answer	6	1.5%	3	1.5%	3	1.5%
Total	406	100.0%	201	100.0%	205	100.0%

12. Are you aware of the City's growth management strategy known as the "Centers, Corridors and Wedges"?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	121	29.8%	65	32.3%	56	27.3%
2 No	278	68.5%	130	64.7%	148	72.2%
9 Don't Know / REFUSED	7	1.7%	6	3.0%	1	0.5%
Total	406	100.0%	201	100.0%	205	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

13. Do think it is easy to bicycle in Charlotte?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	113	27.8%	68	33.8%	45	22.0%
2 No	252	62.1%	106	52.7%	146	71.2%
3 Don't Know	40	9.9%	26	12.9%	14	6.8%
9 Refused to Answer	1	0.2%	1	0.5%	0	0.0%
Total	406	100.0%	201	100.0%	205	100.0%

14. Would you like to bicycle more in Charlotte?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	206	50.7%	95	47.3%	111	54.1%
2 No	189	46.6%	101	50.2%	88	42.9%
3 Don't Know	9	2.2%	4	2.0%	5	2.4%
9 Refused to Answer	2	0.5%	1	0.5%	1	0.5%
Total	406	100.0%	201	100.0%	205	100.0%

15. How many bicycles are in your household?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 0 [Skip to 20.]	143	35.2%	82	40.8%	61	29.8%
2 1	61	15.0%	30	14.9%	31	15.1%
3 2	110	27.1%	50	24.9%	60	29.3%
4 3	37	9.1%	17	8.5%	20	9.8%
5 4	27	6.7%	9	4.5%	18	8.8%
6 5+	26	6.4%	11	5.5%	15	7.3%
9 Refused to Answer [Skip to 20.]	2	0.5%	2	1.0%	0	0.0%
Total	406	100.0%	201	100.0%	205	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

16. (TOTAL) Can you bike to the following within 10 minutes of your residence?

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	N/a	Total
a. Park	197 75.5%	62 23.8%	2 0.8%	0 0.0%	0 0.0%	261 100.0%
b. School	205 78.5%	54 20.7%	1 0.4%	0 0.0%	1 0.4%	261 100.0%
c. Grocery Store/Shopping	214 82.0%	46 17.6%	1 0.4%	0 0.0%	0 0.0%	261 100.0%
d. Transit (bus or rail)	172 65.9%	83 31.8%	6 2.3%	0 0.0%	0 0.0%	261 100.0%
e. Work	50 19.2%	168 64.4%	6 2.3%	3 1.1%	34 13.0%	261 100.0%
f. Restaurant/Entertainment	192 73.6%	67 25.7%	2 0.8%	0 0.0%	0 0.0%	261 100.0%
g. Friend's house	200 76.6%	60 23.0%	1 0.4%	0 0.0%	0 0.0%	261 100.0%

16. (INSIDE) Can you bike to the following within 10 minutes of your residence?

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	N/a	Total
a. Park	103 88.0%	13 11.1%	1 0.9%	0 0.0%	0 0.0%	117 100.0%
b. School	95 81.2%	21 17.9%	1 0.9%	0 0.0%	0 0.0%	117 100.0%
c. Grocery Store/Shopping	103 88.0%	14 12.0%	0 0.0%	0 0.0%	0 0.0%	117 100.0%
d. Transit (bus or rail)	97 82.9%	19 16.2%	1 0.9%	0 0.0%	0 0.0%	117 100.0%
e. Work	27 23.1%	65 55.6%	4 3.4%	1 0.9%	20 17.1%	117 100.0%
f. Restaurant/Entertainment	93 79.5%	24 20.5%	0 0.0%	0 0.0%	0 0.0%	117 100.0%
g. Friend's house	92 78.6%	25 21.4%	0 0.0%	0 0.0%	0 0.0%	117 100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

16. (OUTSIDE) Can you bike to the following within 10 minutes of your residence?

#	OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	N/a	Total
a.	Park	94 65.3%	49 34.0%	1 0.7%	0 0.0%	0 0.0%	144 100.0%
b.	School	110 76.4%	33 22.9%	0 0.0%	0 0.0%	1 0.7%	144 100.0%
c.	Grocery Store/Shopping	111 77.1%	32 22.2%	1 0.7%	0 0.0%	0 0.0%	144 100.0%
d.	Transit (bus or rail)	75 52.1%	64 44.4%	5 3.5%	0 0.0%	0 0.0%	144 100.0%
e.	Work	23 16.0%	103 71.5%	2 1.4%	2 1.4%	14 9.7%	144 100.0%
f.	Restaurant/Entertainment	99 68.8%	43 29.9%	2 1.4%	0 0.0%	0 0.0%	144 100.0%
g.	Friend's house	108	35	1	0	0	144

17. How often do you ride a bicycle for school, work, or running errands?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	1 - 3 times per week	43	16.5%	25	21.4%	18	12.5%
2	4 - 6 times per week	8	3.1%	3	2.6%	5	3.5%
3	Every day	6	2.3%	5	4.3%	1	0.7%
4	1 - 3 times per month	28	10.7%	16	13.7%	12	8.3%
5	4 - 6 times per month	8	3.1%	4	3.4%	4	2.8%
6	Less than once a month	146	55.9%	55	47.0%	91	63.2%
7	Don't Know	19	7.3%	9	7.7%	10	6.9%
9	Refused to Answer	3	1.1%	0	0.0%	3	2.1%
	Total	261	100.0%	117	100.0%	144	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

18. How often do you ride a bicycle for exercise or recreation?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 1 - 3 times per week	74	28.4%	22	18.8%	52	36.1%
2 4 - 6 times per week	16	6.1%	7	6.0%	9	6.3%
3 Every day	17	6.5%	9	7.7%	8	5.6%
4 1 - 3 times per month	37	14.2%	20	17.1%	17	11.8%
5 4 - 6 times per month	22	8.4%	12	10.3%	10	6.9%
6 Less than once a month	85	32.6%	42	35.9%	43	29.9%
7 Don't Know	7	2.7%	4	3.4%	3	2.1%
9 Refused to Answer	3	1.1%	1	0.9%	2	1.4%
Total	261	100.0%	117	100.0%	144	100.0%

19. (TOTAL) Which of the following would encourage you to bicycle more?

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	Total
a. Separated on-street bicycle facilities	211	46	3	1	261
	80.8%	17.6%	1.1%	0.4%	100.0%
b. Off-street bicycle facilities	208	48	5	0	261
	79.7%	18.4%	1.9%	0.0%	100.0%
c. Slower traffic speeds	116	142	3	0	261
	44.4%	54.4%	1.1%	0.0%	100.0%
d. Better or safer crossings of thoroughfares	224	34	3	0	261
	85.8%	13.0%	1.1%	0.0%	100.0%

19. (INSIDE) Which of the following would encourage you to bicycle more?

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a. Separated on-street bicycle facilities	91	22	3	1	117
	77.8%	18.8%	2.6%	0.9%	100.0%
b. Off-street bicycle facilities	88	24	5	0	117
	75.2%	20.5%	4.3%	0.0%	100.0%
c. Slower traffic speeds	55	60	2	0	117
	47.0%	51.3%	1.7%	0.0%	100.0%
d. Better or safer crossings of thoroughfares	104	11	2	0	117
	88.9%	9.4%	1.7%	0.0%	100.0%

2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

19. (OUTSIDE) Which of the following would encourage you to bicycle more?

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a. Separated on-street bicycle facilities	120	24	0	0	144
	83.3%	16.7%	0.0%	0.0%	100.0%
b. Off-street bicycle facilities	120	24	0	0	144
	83.3%	16.7%	0.0%	0.0%	100.0%
c. Slower traffic speeds	61	82	1	0	144
	42.4%	56.9%	0.7%	0.0%	100.0%
d. Better or safer crossings of thoroughfares	120	23	1	0	144
	83.3%	16.0%	0.7%	0.0%	100.0%

20. Do you believe that a bike network should exist that includes bike lanes, side streets, and greenways?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	363	89.4%	184	91.5%	179	87.3%
2 No	31	7.6%	11	5.5%	20	9.8%
3 Don't Know	12	3.0%	6	3.0%	6	2.9%
9 Refused to Answer	0	0.0%	0	0.0%	0	0.0%
Total	406	100.0%	201	100.0%	205	100.0%

21. - 22. (TOTAL) Please answer Yes, or No to the following questions:

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	Total
21. Do you think it is easy to walk in Charlotte?	222	168	15	1	406
	54.7%	41.4%	3.7%	0.2%	100.0%
22. Would you like to walk more in Charlotte?	311	92	2	1	406
	76.6%	22.7%	0.5%	0.2%	100.0%

21. - 22. (INSIDE ROUTE 4) Please answer Yes, or No to the following questions:

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
21. Do you think it is easy to walk in Charlotte?	125	66	9	1	201
	62.2%	32.8%	4.5%	0.5%	100.0%
22. Would you like to walk more in Charlotte?	152	48	1	0	201
	75.6%	23.9%	0.5%	0.0%	100.0%

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21. - 22. (OUTSIDE) Please answer Yes, or No to the following questions:

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
21. Do you think it is easy to walk in Charlotte?	97	102	6	0	205
	47.3%	49.8%	2.9%	0.0%	100.0%
22. Would you like to walk more in Charlotte?	159	44	1	1	205
	77.6%	21.5%	0.5%	0.5%	100.0%

23. (TOTAL) Can you walk to the following within 10 minutes of your residence?

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	N/a	Total
a. Park	230	172	1	0	3	406
	56.7%	42.4%	0.2%	0.0%	0.7%	100.0%
b. School	228	170	5	0	3	406
	56.2%	41.9%	1.2%	0.0%	0.7%	100.0%
c. Grocery Store/Shopping	240	163	2	0	1	406
	59.1%	40.1%	0.5%	0.0%	0.2%	100.0%
d. Transit (bus or rail)	234	164	6	0	2	406
	57.6%	40.4%	1.5%	0.0%	0.5%	100.0%
e. Work	36	284	9	2	75	406
	8.9%	70.0%	2.2%	0.5%	18.5%	100.0%
f. Restaurant/Entertainment	215	187	2	0	2	406
	53.0%	46.1%	0.5%	0.0%	0.5%	100.0%
g. Friend's house	288	117	0	0	1	406
	70.9%	28.8%	0.0%	0.0%	0.2%	100.0%

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23. (INSIDE) Can you walk to the following within 10 minutes of your residence?

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	N/a	Total
a. Park	138 68.7%	61 30.3%	1 0.5%	0 0.0%	1 0.5%	201 100.0%
b. School	131 65.2%	64 31.8%	4 2.0%	0 0.0%	2 1.0%	201 100.0%
c. Grocery Store/Shopping	126 62.7%	73 36.3%	1 0.5%	0 0.0%	1 0.5%	201 100.0%
d. Transit (bus or rail)	148 73.6%	49 24.4%	2 1.0%	0 0.0%	2 1.0%	201 100.0%
e. Work	20 10.0%	123 61.2%	7 3.5%	0 0.0%	51 25.4%	201 100.0%
f. Restaurant/Entertainment	122 60.7%	75 37.3%	2 1.0%	0 0.0%	2 1.0%	201 100.0%
g. Friend's house	147 73.1%	53 26.4%	0 0.0%	0 0.0%	1 0.5%	201 100.0%

23. (OUTSIDE) Can you walk to the following within 10 minutes of your residence?

# OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	N/a	Total
a. Park	92 44.9%	111 54.1%	0 0.0%	0 0.0%	2 1.0%	205 100.0%
b. School	97 47.3%	106 51.7%	1 0.5%	0 0.0%	1 0.5%	205 100.0%
c. Grocery Store/Shopping	114 55.6%	90 43.9%	1 0.5%	0 0.0%	0 0.0%	205 100.0%
d. Transit (bus or rail)	86 42.0%	115 56.1%	4 2.0%	0 0.0%	0 0.0%	205 100.0%
e. Work	16 7.8%	161 78.5%	2 1.0%	2 1.0%	24 11.7%	205 100.0%
f. Restaurant/Entertainment	93 45.4%	112 54.6%	0 0.0%	0 0.0%	0 0.0%	205 100.0%
g. Friend's house	141 68.8%	64 31.2%	0 0.0%	0 0.0%	0 0.0%	205 100.0%

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24. (TOTAL) Which of the following would encourage you to walk to those destinations?

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	Total
a. More/better sidewalk connections	323 79.6%	73 18.0%	8 2.0%	2 0.5%	406 100.0%
b. More greenways/multi-use paths	321 79.1%	75 18.5%	10 2.5%	0 0.0%	406 100.0%
c. Slower traffic speeds	206 50.7%	190 46.8%	10 2.5%	0 0.0%	406 100.0%
d. More pedestrian crossings of busy thoroughfares	339 83.5%	64 15.8%	3 0.7%	0 0.0%	406 100.0%
e. A greater variety of land uses/activities within walking distance	347 85.5%	55 13.5%	4 1.0%	0 0.0%	406 100.0%
f. Better lighting	324 79.8%	77 19.0%	5 1.2%	0 0.0%	406 100.0%

24. (INSIDE) Which of the following would encourage you to walk to those destinations?

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a. More/better sidewalk connections	155 77.1%	39 19.4%	6 3.0%	1 0.5%	201 100.0%
b. More greenways/multi-use paths	160 79.6%	35 17.4%	6 3.0%	0 0.0%	201 100.0%
c. Slower traffic speeds	112 55.7%	85 42.3%	4 2.0%	0 0.0%	201 100.0%
d. More pedestrian crossings of busy thoroughfares	166 82.6%	34 16.9%	1 0.5%	0 0.0%	201 100.0%
e. A greater variety of land uses/activities within walking distance	171 85.1%	29 14.4%	1 0.5%	0 0.0%	201 100.0%
f. Better lighting	162 80.6%	35 17.4%	4 2.0%	0 0.0%	201 100.0%

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24. (OUTSIDE) Which of the following would encourage you to walk to those destinations?

#	OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a.	More/better sidewalk connections	168 82.0%	34 16.6%	2 1.0%	1 0.5%	205 100.0%
b.	More greenways/multi-use paths	161 78.5%	40 19.5%	4 2.0%	0 0.0%	205 100.0%
c.	Slower traffic speeds	94 45.9%	105 51.2%	6 2.9%	0 0.0%	205 100.0%
d.	More pedestrian crossings of busy thoroughfares	173 84.4%	30 14.6%	2 1.0%	0 0.0%	205 100.0%
e.	A greater variety of land uses/activities within walking distance	176 85.9%	26 12.7%	3 1.5%	0 0.0%	205 100.0%
f.	Better lighting	162 79.0%	42 20.5%	1 0.5%	0 0.0%	205 100.0%

25. Do you believe along thoroughfares pedestrians should be separated from traffic by a grass strip with trees?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	Yes	321	79.1%	165	82.1%	156	76.1%
2	No	80	19.7%	33	16.4%	47	22.9%
3	Don't Know	5	1.2%	3	1.5%	2	1.0%
9	Refused to Answer	0	0.0%	0	0.0%	0	0.0%
	Total	406	100.0%	201	100.0%	205	100.0%

26. How many school-aged children do you have?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	0 [Skip to 29.]	310	76.4%	161	80.1%	149	72.7%
2	1	37	9.1%	13	6.5%	24	11.7%
3	2	34	8.4%	13	6.5%	21	10.2%
4	3	16	3.9%	10	5.0%	6	2.9%
5	4	5	1.2%	3	1.5%	2	1.0%
6	5+	1	0.2%	0	0.0%	1	0.5%
9	Refused to Answer [Skip to 29.]	3	0.7%	1	0.5%	2	1.0%
	Total	406	100.0%	201	100.0%	205	100.0%

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27. How many of them walk or bike to school?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 0 [Go to 28.]	79	84.9%	31	79.5%	48	88.9%
2 1	4	4.3%	1	2.6%	3	5.6%
3 2	6	6.5%	4	10.3%	2	3.7%
4 3	3	3.2%	2	5.1%	1	1.9%
5 4	0	0.0%	0	0.0%	0	0.0%
6 5+	0	0.0%	0	0.0%	0	0.0%
9 Refused to Answer	1	1.1%	1	2.6%	0	0.0%
Total	93	100.0%	39	100.0%	54	100.0%

28. If they do not walk or bike to school, why not?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Too Far	43	54.4%	19	61.3%	24	50.0%
2 Safety concerns	20	25.3%	6	19.4%	14	29.2%
3 Difficulty crossing a thoroughfare	1	1.3%	0	0.0%	1	2.1%
4 No sidewalks	0	0.0%	0	0.0%	0	0.0%
5 Prefer CMS bus service	7	8.9%	4	12.9%	3	6.3%
6 Principal does not allow walking or biking	1	1.3%	0	0.0%	1	2.1%
9 Refused to Answer	7	8.9%	2	6.5%	5	10.4%
Total	79	100.0%	31	100.0%	48	100.0%

29. (TOTAL) How important is it that something be done to reduce speeding on...

# TOTAL RESPONSES	Not	Some-what	Very	Don't Know	Refused	Total
a. interstates	137	106	155	7	1	406
	33.7%	26.1%	38.2%	1.7%	0.2%	100.0%
b. 4-lane divided roads	95	131	173	6	1	406
	23.4%	32.3%	42.6%	1.5%	0.2%	100.0%
c. 4-lane undivided roads	83	130	185	6	2	406
	20.4%	32.0%	45.6%	1.5%	0.5%	100.0%
d. 2-lane roads	70	119	210	5	2	406
	17.2%	29.3%	51.7%	1.2%	0.5%	100.0%
e. neighborhood streets	40	72	289	4	1	406
	9.9%	17.7%	71.2%	1.0%	0.2%	100.0%

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29. (INSIDE) How important is it that something be done to reduce speeding on...

# INSIDE ROUTE 4	Not	Some-what	Very	Don't Know	Refused	Total
a. interstates	59 29.4%	58 28.9%	80 39.8%	4 2.0%	0 0.0%	201 100.0%
b. 4-lane divided roads	45 22.4%	64 31.8%	90 44.8%	2 1.0%	0 0.0%	201 100.0%
c. 4-lane undivided roads	37 18.4%	58 28.9%	105 52.2%	1 0.5%	0 0.0%	201 100.0%
d. 2-lane roads	24 11.9%	57 28.4%	117 58.2%	2 1.0%	1 0.5%	201 100.0%
e. neighborhood streets	16 8.0%	39 19.4%	144 71.6%	1 0.5%	1 0.5%	201 100.0%

29. (OUTSIDE) How important is it that something be done to reduce speeding on...

# OUTSIDE ROUTE 4	Not	Some-what	Very	Don't Know	Refused	Total
a. interstates	78 38.0%	48 23.4%	75 36.6%	3 1.5%	1 0.5%	205 100.0%
b. 4-lane divided roads	50 24.4%	67 32.7%	83 40.5%	4 2.0%	1 0.5%	205 100.0%
c. 4-lane undivided roads	46 22.4%	72 35.1%	80 39.0%	5 2.4%	2 1.0%	205 100.0%
d. 2-lane roads	46 22.4%	62 30.2%	93 45.4%	3 1.5%	1 0.5%	205 100.0%
e. neighborhood streets	24 11.7%	33 16.1%	145 70.7%	3 1.5%	0 0.0%	205 100.0%

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30. (TOTAL) Should the City of Charlotte use automated photo enforcement to identify drivers who are...

# TOTAL RESPONSES	Yes	No	Don't Know	Refused	Total
a. running red lights	268 66.0%	134 33.0%	3 0.7%	1 0.2%	406 100.0%
b. speeding, 10 mph over the posted speed	222 54.7%	177 43.6%	7 1.7%	0 0.0%	406 100.0%
c. not stopping at stop signs	268 66.0%	131 32.3%	5 1.2%	2 0.5%	406 100.0%
d. passing a stopped school bus	346 85.2%	57 14.0%	1 0.2%	2 0.5%	406 100.0%
e. speeding in a school zone	333 82.0%	68 16.7%	3 0.7%	2 0.5%	406 100.0%

30. (INSIDE) Should the City of Charlotte use automated photo enforcement to identify drivers who are...

# INSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a. running red lights	142 70.6%	58 28.9%	0 0.0%	1 0.5%	201 100.0%
b. speeding, 10 mph over the posted speed	121 60.2%	77 38.3%	3 1.5%	0 0.0%	201 100.0%
c. not stopping at stop signs	141 70.1%	57 28.4%	2 1.0%	1 0.5%	201 100.0%
d. passing a stopped school bus	173 86.1%	27 13.4%	0 0.0%	1 0.5%	201 100.0%
e. speeding in a school zone	163 81.1%	35 17.4%	2 1.0%	1 0.5%	201 100.0%

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30. (OUTSIDE) Should the City of Charlotte use automated photo enforcement to identify drivers who are...

#	OUTSIDE ROUTE 4	Yes	No	Don't Know	Refused	Total
a.	running red lights	126	76	3	0	205
		61.5%	37.1%	1.5%	0.0%	100.0%
b.	speeding, 10 mph over the posted speed	101	100	4	0	205
		49.3%	48.8%	2.0%	0.0%	100.0%
c.	not stopping at stop signs	127	74	3	1	205
		62.0%	36.1%	1.5%	0.5%	100.0%
d.	passing a stopped school bus	173	30	1	1	205
		84.4%	14.6%	0.5%	0.5%	100.0%
e.	speeding in a school zone	170	33	1	1	205
		82.9%	16.1%	0.5%	0.5%	100.0%

31. Of the following (unsafe) behaviors, which three (3) do you most commonly encounter?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	Talking on cell phones	204	50.2%	103	51.2%	101	49.3%
2	Texting	229	56.4%	106	52.7%	123	60.0%
3	Weaving in and out of traffic	137	33.7%	67	33.3%	70	34.1%
4	Speeding	143	35.2%	75	37.3%	68	33.2%
5	Tailgating	109	26.8%	45	22.4%	64	31.2%
6	Failure to yield	57	14.0%	28	13.9%	29	14.1%
7	Running red lights	84	20.7%	48	23.9%	36	17.6%
8	Drinking and driving	46	11.3%	29	14.4%	17	8.3%
9	Ignoring stop signs	53	13.1%	32	15.9%	21	10.2%
10	None of the Above	9	2.2%	4	2.0%	5	2.4%
99	Don't Know/Refused to Answer	18	4.4%	8	4.0%	10	4.9%
	Multi-answer Grand Total	1089		545		544	

32. Compared to one year ago, would you say that motorists on the roads you drive are more safe, less safe, or unchanged?

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	More safe	23	5.7%	14	7.0%	9	4.4%
2	Less safe	165	40.6%	85	42.3%	80	39.0%
3	Unchanged	209	51.5%	96	47.8%	113	55.1%
4	Don't Know	9	2.2%	6	3.0%	3	1.5%
9	Refused to Answer	0	0.0%	0	0.0%	0	0.0%
	Total	406	100.0%	201	100.0%	205	100.0%

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33. In your opinion, how important is it that drivers be educated about safe driving habits through public awareness campaigns?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Very Important	286	70.4%	146	72.6%	140	68.3%
2 Somewhat Important	101	24.9%	44	21.9%	57	27.8%
3 Not at All Important	16	3.9%	10	5.0%	6	2.9%
4 Don't Know	3	0.7%	1	0.5%	2	1.0%
9 Refused to Answer	0	0.0%	0	0.0%	0	0.0%
Total	406	100.0%	201	100.0%	205	100.0%

34. Are you aware that North Carolina has a law requiring you to stop for visually impaired pedestrians using white canes or guide dogs, no matter where they are crossing the roadway?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	258	63.5%	129	64.2%	129	62.9%
2 No	147	36.2%	72	35.8%	75	36.6%
3 Don't Know	1	0.2%	0	0.0%	1	0.5%
9 Refused to Answer	0	0.0%	0	0.0%	0	0.0%
Total	406	100.0%	201	100.0%	205	100.0%

35. If you are travelling in a left turn lane and the signal changes from a green arrow to a flashing yellow arrow on the signal for your lane, what does this mean.

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 You no longer have the right of way, must yield to oncoming traffic	366	90.1%	179	89.1%	187	91.2%
2 You still have the right of way and can proceed normally	17	4.2%	9	4.5%	8	3.9%
3 The signal is malfunctioning	7	1.7%	2	1.0%	5	2.4%
4 Don't Know	17	4.2%	12	6.0%	5	2.4%
9 Refused to Answer	0	0.0%	0	0.0%	0	0.0%

36. If a signal has two red lights mounted side-by-side and they are flashing, does this mean:

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 To stop and proceed with caution if it is clear	267	65.8%	120	59.7%	147	71.7%
2 To stop and wait until the flashing stops	128	31.5%	72	35.8%	56	27.3%
3 Don't Know	18	4.4%	13	6.5%	5	2.4%
9 Refused to Answer	2	0.5%	1	0.5%	1	0.5%

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37. Do you wear a seatbelt?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	399	98.3%	196	97.5%	203	99.0%
2 No	5	1.2%	4	2.0%	1	0.5%
3 Don't Know	1	0.2%	1	0.5%	0	0.0%
9 Refused to Answer	1	0.2%	0	0.0%	1	0.5%
Total	406	100.0%	201	100.0%	205	100.0%

38. What is your age range?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 18-34	49	12.1%	19	9.5%	30	14.6%
2 35-44	61	15.0%	26	12.9%	35	17.1%
3 45-54	79	19.5%	32	15.9%	47	22.9%
4 55-64	110	27.1%	53	26.4%	57	27.8%
5 65 or older	103	25.4%	69	34.3%	34	16.6%
9 Refused to Answer	4	1.0%	2	1.0%	2	1.0%
Total	406	100.0%	201	100.0%	205	100.0%

39. Are you of Spanish/Hispanic or Latino origin or descent?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	25	6.2%	9	4.5%	16	7.8%
2 No	366	90.1%	185	92.0%	181	88.3%
3 Don't Know	8	2.0%	5	2.5%	3	1.5%
9 Refused to Answer	7	1.7%	2	1.0%	5	2.4%
Total	406	100.0%	201	100.0%	205	100.0%

40. To ensure we have a representative sample of people of different races, what is your race:

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 American Indian	4	1.0%	3	1.5%	1	0.5%
2 Asian	6	1.5%	1	0.5%	5	2.4%
3 African-American/Black	127	31.3%	67	33.3%	60	29.3%
4 White	227	55.9%	117	58.2%	110	53.7%
5 Other	27	6.7%	8	4.0%	19	9.3%
9 Prefer not to answer / Refused to Answer	15	3.7%	5	2.5%	10	4.9%
Total	406	100.0%	201	100.0%	205	100.0%

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41. Which category best represents your marital status?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Single	99	24.4%	49	24.4%	50	24.4%
2 Married	207	51.0%	93	46.3%	114	55.6%
3 Divorced	43	10.6%	24	11.9%	19	9.3%
4 Widowed	44	10.8%	30	14.9%	14	6.8%
9 Prefer not to answer / Refused to Answer	13	3.2%	5	2.5%	8	3.9%
Total	406	100.0%	201	100.0%	205	100.0%

42. Do you have children under the age of 18 living at home?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Yes	91	22.4%	36	17.9%	55	26.8%
2 No	311	76.6%	164	81.6%	147	71.7%
9 Prefer not to answer / Refused to Answer	4	1.0%	1	0.5%	3	1.5%
Total	406	100.0%	201	100.0%	205	100.0%

43. What is the highest level of education you have completed?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Less than high school graduate	14	3.4%	12	6.0%	2	1.0%
2 High school graduate or GED	47	11.6%	34	16.9%	13	6.3%
3 Some college	79	19.5%	36	17.9%	43	21.0%
4 2 year degree	43	10.6%	20	10.0%	23	11.2%
5 4 year degree/ Bachelor's degree	119	29.3%	53	26.4%	66	32.2%
6 Master's degree / Law degree	79	19.5%	35	17.4%	44	21.5%
7 PHD or MD Degree	13	3.2%	6	3.0%	7	3.4%
9 Prefer not to answer / Refused to Answer	12	3.0%	5	2.5%	7	3.4%
Total	406	100.0%	201	100.0%	205	100.0%

44. What category would best describe your annual Household Income?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Under \$25,000 per year	51	12.6%	34	16.9%	17	8.3%
2 Over \$25,000 but less than \$50,000 per year	76	18.7%	46	22.9%	30	14.6%
3 Over \$50,000 but less than \$75,000 per year	60	14.8%	19	9.5%	41	20.0%
4 Over \$75,000 but less than \$100,000 per year	45	11.1%	16	8.0%	29	14.1%
5 Over \$100,000 per year	89	21.9%	39	19.4%	50	24.4%
9 Don't Know / Refused to Answer	85	20.9%	47	23.4%	38	18.5%
Total	406	100.0%	201	100.0%	205	100.0%

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45. How long have you lived in the Charlotte area?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 5 years or less	46	11.3%	18	9.0%	28	13.7%
2 6 - 10 years	29	7.1%	12	6.0%	17	8.3%
3 11 - 20 years	75	18.5%	29	14.4%	46	22.4%
4 More than 20 years	249	61.3%	139	69.2%	110	53.7%
9 Don't Know / Refused to Answer	7	1.7%	3	1.5%	4	2.0%
Total	406	100.0%	201	100.0%	205	100.0%

46. How would you classify your housing, would you say you?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Own your own house or condominium	288	70.9%	142	70.6%	146	71.2%
2 Rent your housing	84	20.7%	45	22.4%	39	19.0%
3 Live with parents or friends	14	3.4%	5	2.5%	9	4.4%
9 Don't Know / Refused to Answer	20	4.9%	9	4.5%	11	5.4%
Total	406	100.0%	201	100.0%	205	100.0%

47. What is your current employment status?

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Working full time	187	46.1%	72	35.8%	115	56.1%
2 Working part time	41	10.1%	21	10.4%	20	9.8%
3 Unemployed	13	3.2%	9	4.5%	4	2.0%
4 Retired / disabled	131	32.3%	80	39.8%	51	24.9%
5 Homemaker	7	1.7%	4	2.0%	3	1.5%
6 In school	10	2.5%	7	3.5%	3	1.5%
9 Don't Know / Refused to Answer	17	4.2%	8	4.0%	9	4.4%
Total	406	100.0%	201	100.0%	205	100.0%

48. Gender

# Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1 Male	177	43.6%	84	41.8%	93	45.4%
2 Female	225	55.4%	115	57.2%	110	53.7%
3 Not Sure / Can't Tell from Voice	4	1.0%	2	1.0%	2	1.0%
Total	406	100.0%	201	100.0%	205	100.0%



Department of Transportation



2016 Survey Results Total / Inside Rt. 4 / Outside Rt. 4

49. PhoneType

#	Answer	Total N	Total %	Inside N	Inside %	Outside N	Outside %
1	Wireless	169	41.6%	53	26.4%	116	56.6%
2	Landline	237	58.4%	148	73.6%	89	43.4%
	Total	406	100.0%	201	100.0%	205	100.0%

Q9. What other actions should the City of Charlotte or the State take to relieve congestion?

INSIDE ROUTE 4

- Better biking and walking paths.
- Bike lanes
- building increase is making a big change
- Bus routes not on time, you may take 2 hrs. for a 25 minutes ride.
- cabs affordable
- Charlotte trains cross major streets. A train can block traffic during rush hour time. on central ave Davidson St. the trains stop for 20 or 30 minutes.
- Consider the traffic flow especially on the light rail which causes a lot of congestion during the work commute.
- continue to expand light rail, work in public transit
- Control development in a manner that fits with the road structure.
- encourage alternate work schedule. Mainly having the lights to maximize.
- encourage people to take the bus
- finish all the work as quickly as possible to untie the congestion
- First, the Senate should finish what the House started and dump the Spanish company for the toll lanes and do a proper job. What NC DOT should do is expand 77 because it is a bottleneck for 30 miles as far as widening the roads. The state should take responsibility for it which means raising gasoline taxes. NC DOT is not doing their job. Why did it take 30 years to get the I-485 around Charlotte when it Wake County had all the freeways they needed?
- give everybody to give on a bike
- high speed line and light rail
- Higher more urban planners that understand more than me
- I believe focusing on the problem target spots would help. Near SouthPark and University there is always construction going on. Construction is being done all over. The construction at Independence should be done in a more timely manner. The contracts are far too long because there are 20 different spots under construction at the same time. As you are taking a detour away from one site you end up running into another one. All of the construction going on is what is causing the traffic congestion.
- I really don't know what they could do because they are doing a lot building and tearing things down all over, which is causing the congestion.
- I think that they should make it more bike friendly
- I think the questions I answered would be the best.
- I wish there were more bike lanes for people to bike to work. I also wish there wasn't such a bad stigma about using public transportation, such as the bus.
- Improve lack of traffic lights, n repave roads, improve the street quality
- Improve mass transit.
- Improve public transport and bicycle.
- increase the train, light rail rethink zoning for apt
- light rail continuing the gold line and continuing different modes of transportation
- make bike areas where possible
- Make walk-able communities.
- mass transit
- maybe having driving courses for people, make it harder for them to get their license. not the roads, it's the people
- more and better bike lanes
- more bike lane
- More pedestrian friendly streets and better road maintenance.
- More public transportation
- more subways
- My only suggestion would be lowering prices on alternative transportation.

Q9. What other actions should the City of Charlotte or the State take to relieve congestion?

- Offering lower fares for traveling around the city would help.
- promote alternate means of transportation
- Provide more access to public transportation, make buses more frequent.
- Public transportation is something we need to work on.
- public transportation wider, evaluate more routes uptown 1st and 4th towards Trade
- quit narrowing the roads, and they need to put bike lanes in uncongested areas
- REPAIRING DAMAGE.
- see more greenways
- Stagger employment hours.
- Stop building. Building apartment on streets that cant hold the traffic. Building on roads that are already congested. Don't quit building. Going and going. Making highways jammed of people.
- stop lights
- study why its congested
- That will be sufficient.
- There's no state roads. There's nobody else to blame for that. The neighborhood streets are overloaded.

- They need to fix more potholes in streets. There are a lot of defects in the roads that make them unsafe. Better signals that people can see easier before they reach them would help. Better street lights are needed in various areas.
- They should complete the project they started about 3 years ago. They're not doing any work with widening the roads, such as Graham Street and Sugar Creek. They don't need to shut off lanes when they're not working on them.
- They should do more of the construction at night, specifically after 8:00 pm. The biggest problem is the construction going on during work hours.
- They should probably add more sidewalks and more bike friendly areas.
- They should stop building the toll on 77 and just widen road instead. I would like to suggest this twice because it should be done.
- We need safer bike routes, biking or walking in this community is deadly. They should widen the multi-use paths because we are too close to the road when using the path.
- well ill tell u one thing roads are congested no matter what we do with all the traffic
- Well, they goofed up independence freeway really bad. Frankly, they should of built the interstate above independence Blvd. They're trying to use the highways for too many things.
- Widen highways and streets.
- Widen I77.
- widen roads
- Widen the roads

OUTSIDE ROUTE 4

- "More wide roads."
- Add more bike lanes
- Alternative transportation possibilities
- ask builders help
- Be proactive when the city sees growth and build the roads before.
- better bus routes
- better housing zoning, they are building too much. Specifically on providence road
- Better public transportation
- Better public transportation, and add more car pool lanes.
- better roads and better way of routing
- bike lanes
- build a rail line

Q9. What other actions should the City of Charlotte or the State take to relieve congestion?

- Build bike lanes everywhere
- build more bridges over waterways for connection
- Build more rapid transit.
- By making alternative routes. If it like a 4 lane road, close one so both directions can be equally balanced.
- change law that prevents impact fees on developers
- Encourage more mix use development.
- encourage to have flexible work hours
- enhance public transportation and sidewalks and cycling trails
- Expand 485 and 77. Be sure there's carpool pass to go faster.
- expand light rail options
- expand the light rail
- Express lane.
- Fast rapid trains
- Fire Cintra. rese4nd the contract
- fix the roads that are tore up.
- Get rid of people.
- H2v lanes on the highway instead of one.
- Have more police to ticket the idiots.
- Have more smart lights.
- Have the new yorkers move back
- Have turn outs for each bus stop and build right turn lanes so people do not hold up traffic, Something Greer street turn into rocky river road there is a stop light here and traffic is sometimes backed up for a mile or more and if you just had a turning lane here it would help with traffic, or no left turn during rush hour, bikers take up too much of the lane
- I don't know.
- I have lived in other states with other large urban areas in the past. There are too many large neighborhoods for the infrastructure. We need more light rail options with extended hours. The public transportation system doesn't meet the needs of the city, considering the size of it and the hours it's available. There needs to be strong consideration with building permits that are allowed and a closer look at the area before they are given. The city should take a closer look at roads leading into and out of neighborhoods when giving permits for large business being built there. There are probably hundreds of homes here. Some of the homes have 3 or more drivers per household. There shouldn't only be one entrance or exit into a neighborhood that is this large. More police surveillance to make sure people are not speeding in neighborhoods would be helpful. I've noticed people coming in and out of my neighborhood going 50-55 mph. Stop lights within neighborhoods may also help to slow people down.
- I have to sit at traffic lights for so long because of traffic, and I do not know how they could correct that.
- I really don't know, maybe they should include carpooling.
- Improve public transportation as well as increase the number of bike lanes
- increase alternative modes of transportation and add more bike lanes
- increase bikes and make them affordable and bike friendly.
- Increase HOV lanes when possible
- increase public services1
- Install bike lanes.
- Install right rail everywhere.
- Interest would be more light rail.
- Just provide more roads, pass through roads
- keep improving greenways and bike paths expedite...don't do toll roads
- light rail
- Light rail at traffic transit

Q9. What other actions should the City of Charlotte or the State take to relieve congestion?

- Light rails, subway, put in more bus routes that go at earlier times. Not bus at 4:30. Longer times. A light rail to Monroe.
- Lighten up on the construction.
- Long term neighborhood planning.
- Make harder to get License
- Make it more bicycle and pedestrian friendly as well as add alternative modes of transportation.
- Make the bus the less scary place. The travel thing isn't too bad. Fixed the roads that are bad and not the ones that don't need to be fixed.
- Mass transit.
- More affordable housing in the uptown area
- More bridges
- More funding.
- more mass transit
- more patrols on the street could clear more traffic
- more public transport
- more public transportation more light rail
- more trans
- more turn lanes
- Move traffic faster
- no Harris Blvd. traffic signals are out of round and it causes traffic
- not do so many projects at once
- offer more bike lanes on the roads so people that bicycle have space
- Police presence.
- provide more alternative modes of transportation as far as increasing bus routes or lite rail
- Provide more light rail.
- public transit
- Put in bike lanes.
- school times have been adjusted and causes move traffic...having a patrol officer to move traffic in schools zones
- stop building so many apartments
- Stop building so much.
- Support the toll roads.
- they need to have to more control of their construction people they need to regulate them ore
- They need to widen the streets.
- They should make HOV lanes
- they should plan and building infrastructure with all charlotte has approved
- They should plan further out for traffic instead of satisfying the current need. They could also do HOV lanes
- Underground metro.
- Upgraded roads and tourways would be easier. More construction for all roads
- widen roads
- Wide rode/ improve/ extend the lane. made 2 lanes 4 lanes
- widen more lanes on highway
- widen roads
- Widen roads that have become overly populated, the roads aren't moving as fast. People are getting permits to build roads but they're causing more traffic they need to speed it up. I can't leave my neighborhood because of road construction
- Widen the streets
- Work on getting the roads closer to connect and railroads are a problem to traffic.

Q12.6: How should the government pay for new roads? (“Other”)

INSIDE ROUTE 4

- "Stop going to stupid wars"
- A portion: property tax should go up or personal income tax
- All of the above
- All of the above
- All of the above
- All of the above and a luxury tax for people who have things like yachts or other luxuries. Also, a tobacco and alcohol tax because those are things people are always going to buy them.
- all the above but tolls
- An honorably group of people to do it.
- Apartment taxes
- Better management.
- Bonds
- combination of everything
- Everything but tolls.
- Fundraising, taxes are already high enough.
- get more new businesses here
- get rid of people with large governments checks
- I don't know a sales tax
- in depth study
- Like in SC. use the pennies tax
- Maybe incorporate lottery money into it, not tax money.
- more education on what transportation in the city
- Private partnerships
- Property and Gas taxes
- Property taxes, Tolls and Transportation bonds
- reduce amount government makes for their employees
- Tax hotels .
- TAXING LOCAL BUSINESS
- They should use the money they already have.
- Undecided
- USE STATEWIDE MONEY/ LOTTERY
- use the money the government has
- User tax
- Vote money Tax payers shouldn't have pay
- When they are building they should charge then.
- Wish Politicians would stop lining their own pockets. I wonder how it is possible that in my day there was all kinds of free everything.

OUTSIDE ROUTE 4

- A combination of larger taxes for large businesses to pass it onto people who have more money not the lower class. Maybe increasing fees for developers, too. I think that's part of the issue. We have too much development too quickly with no focus on infrastructure. Posing larger taxes on new car purchases would also be another suggestion.
- A fundraiser to get more money. I don't see raising taxes.
- All of the above.
- All of the above.
- ALL BUT TOLLS
- All of the above.
- All of the above.

Q12.6: How should the government pay for new roads? (“Other”)

- All of the above.
- All of the above.
- All of the above.
- All of the above.
- All of the above.
- All of the above.
- Any of the above
- all of the above
- bike license fee for the use of the road
- Bonds
- bonds
- borrow money
- charge impact fees on developers
- combination
- Depends on the roadway system.
- donations set up, gas tax
- entertainment tax
- existing taxes
- Government
- Government.
- I believe it's called a payroll tax when they charge people a tax who visit from out of state.
- I think the government already has the money to pay for it so they should instead of using tax money.
- If the city had a side business they should get the money from there.
- impact fees and gas taxes
- Income taxes
- Income Tax
- Income tax.
- Lottery
- make corps pay taxes and not have off shore accounts
- Other options
- Raise taxes.
- Raise taxes.
- Redistributing.
- reduce existing waste and projects that are not essential
- Sales tax and Property tax
- Sales tax, Property tax, or Gas tax
- sales taxes on tobacco products, that way you get more profit. Not everyone needs that, that way you can profit from it.
- State Tax
- take more from people that have money and take less from middle and lower class
- taxes people pay normally from working
- Taxes, not big enough
- To move a telephone pole and take out a lane for taking a left should not cost much
- Tolls and immigrant taxes.
- Tolls/sales taxes
- Unsure
- use some of the money that is used on the education or other resources
- vote in a tax and let the people choose

Q13.5: How should the government pay for road maintenance? (“Other”)

INSIDE ROUTE 4

- Add a carbon tax to fuel costs that would be a good idea. We should really pay for the amount of pollution we're dumping into the atmosphere.
- All of the above and a luxury tax for people who have things like yachts or other luxuries. Also, a tobacco and alcohol tax because those are things people are always going to buy them.
- All of the above.
- All of the above.
- all the above but not tolls
- Bonds
- City Taxes
- combo
- Grants
- I thought there was a budget for that.
- i think they have a source now and they need to use it wisely
- in depth study
- income tax
- lottery money for the roads
- need more community understanding about what could be done
- PLAN BESIDE THAT
- some kind of tax
- Spend what we currently have for infrastructure
- They have enough money now and should quit embezzling it.
- use what we got

OUTSIDE ROUTE 4

- Alcohol & Cigarettes
- all
- all
- all but tolls
- All of the above
- all of the above
- all of the above
- All of the above.
- combination
- Combination and poll taxes.
- combination of some
- Current gas taxes.
- current tax
- don't waste the money they get
- Everything besides tolls
- existing property tax
- federal
- flat rate
- Gas taxes and payroll taxes for people who visit from out of state.
- gas taxes they already have
- government sponsored
- Government.
- I think the government already has the money to pay for it so they should instead of using tax money.
- Immigrant taxes.
- Income Tax

Q13.5: How should the government pay for road maintenance? (“Other”)

- make corps pay taxes and not have off shore accounts
- Other options, do away with other services to increase budget
- property and gas taxes
- revenue being taken in now
- Sales tax and Property tax
- Sales tax and Property tax
- sales taxes on tobacco, alcohol and fire arms
- Tax cigarettes and beer.
- use money from criminals
- We pay for that in taxes already.