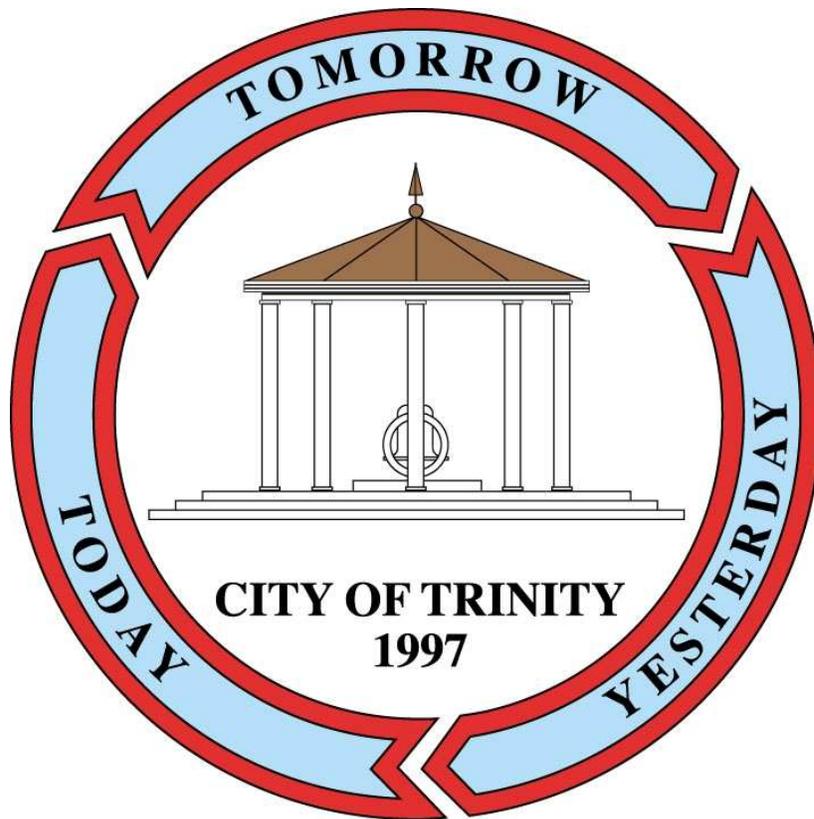


BRAXTON CRAVEN SCHOOL
CENTER CITY PLAN:
STUDENT SURVEY
2009



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Braxton Craven School: Center City Plan Student Survey

Executive Summary

In May 2009, teachers at the Braxton Craven 6th grade school were given packets of surveys that were created in order to gather input about the opinions of the students in regards to various elements of recreation, commerce, and historic preservation in Trinity. The aggregate answers to the 30 question survey are to be included in the Final Recommendations of the Center City Plan and should help guide the staff and City Council in their decisions to improve the Center City planning area.

The 2008-2009 enrollment of the Braxton Craven School is 388 students. 210 students were surveyed. Of those students, 51.5% were male and 48.5% were female. This is representative of the 196 males and 192 females in the school. We can, therefore, say at a 95% confidence level that the results of the surveys are valid within an interval of, plus or minus, 4.61 points.

The survey questions have been grouped into 3 groups based on the topic of the question. The first group includes questions relating to commerce in Trinity. The questions in this group asked students how often they dined out in Trinity, if they would like more availability of dining and shopping establishments, if they planned to stay in Trinity after graduation from High School and if they recognized a need for increased housing for young High School graduates.

Results from this set of questions show that Braxton Craven students are supportive of additional commerce entering Trinity. 44.6% “agree” that they would like to see more commerce and 48.5% “agree” that they would like more places to eat in town. 40.3% “strongly agree” that they would like to see more retail venues. 52.5% of the students are “undecided” as to if they will or will not stay in Trinity after they graduate from High School. This is understandable given their age and is therefore not as telling as the results of this question when asked of High School students. The Braxton Craven students do “agree” that Trinity should increase the amount of appropriate housing for young high school grads.

The second group of questions relate to recreational desires of the students. Students show the most support for bike paths and a public park on City property. 41.7% of the students answered that they would use the bike paths either “all the time” or “frequently”. A majority of the students (67.8%) either “agree” or “strongly agree” that there should be a public park on City property. Students seemed less enthusiastic for recreational elements such as sidewalks and greenways. 25.7% of the students reported that they would “rarely” use a sidewalk in Trinity. 42.4% of the students would “sometimes” utilize a public greenway path. There seems to be support for park amenities such as an amphitheater and a veteran’s memorial with 46.7% and 58.% respectively “agreeing” to each element. An overwhelming majority support a generally walkable community through the addition of sidewalks, bike paths, and greenways at 80.4% of students either “strongly agreeing” or “agreeing”. 45.1% of the students “agree” that they would like to see a local space for the arts and 28% find a local library to be “somewhat” of importance. Students seem to be enthusiastic about recreational opportunities with the most obvious support for a public park, a walkable community, and a space for the arts.

The final group of questions addresses the importance of historical preservation within the Center City plan. 86.3% of students were aware that Trinity was the birthplace of Duke University. This shows that Trinity is currently doing a nice job at promoting its history and is passing on the significance of its past to the future generations of the community. Although the students seem to be aware of the community's rich history, survey answers show that their reverence for that history is slim. 35.3% of students were neutral in their opinion on the importance of preserving the 19th century structures in the community. 37.7% of the students felt that it is "somewhat" important to preserve the early 20th century structures. 27.3% of students felt that the Bell Gazebo was "somewhat" important to them. 30.5% feel that the New Gazebo in Trinity Community Park is "somewhat" important to them. Generally speaking, Braxton Craven students do not feel that preservation of historical and symbolic structures should be a high priority of the Center City Plan. This could easily be a reflection of the priorities of the general age group however, and not of the Trinity students in particular.

Some of the most telling information comes from the final four questions in the survey. These questions are either ranking or "check all that apply" questions and they show us what students are currently doing with their free time and which amenities they would most prefer to have in the community.

The first of these questions asked the students what they do after school. 46.5% of the students reported that they currently go home every day when school gets out. This could be because of a lack of recreation in the area. The second most popular answer (21.9%) was that the students participate in sports after school. 17.6% of the students report that they go to a friend's home. This means that 64.1% of Braxton Craven students are going to a home after school. This leads one to believe that the students are therefore not participating in constructive recreation and are also not spending money in the community. By including more recreational opportunities and increasing the presence of commerce in the community, students will have other options for after school entertainment.

The first ranking questions asked students to rank which park amenities that they would like to see included in a public park on City property from 1-5. A fishing pond was the highest scoring amenity followed by a basketball court, skateboard park, dog park and hiking trails. The next ranking question asked the students to rank transportation amenities from 1-7. Bike lanes on highway 62 ranked first followed by sidewalks on 62. Sidewalks on High School Road and Meadowbrook were third and bike lanes on High School Road and Meadowbrook were fourth. Sidewalks and bike lanes on Surret Drive came in fifth and sixth followed by Greenway paths which were ranked seventh overall.

The final question asked students how they would use a greenway path if one were to be constructed from City Hall to the new YMCA being constructed in Archdale. The most students said that they would use the path for recreational purposes. Next, students answered that they would use the path to travel from their houses to school, the park, or the YMCA. The next most popular answer was that they would travel from school to their houses, the park, or the YMCA for after school activities. The least popular answer was that the student would not use the greenway although this contradicts what was seen when students were asked how often they would use a greenway path.

Finally, crosstabulations were done in order to get a better understanding of the relationship between the students' answers to certain related questions. Students who "agreed" to more commerce in Trinity, "strongly agreed" to the addition of more retail venues (39 students). 43 students who "agreed" to the need for a public park would only "sometimes" use a public greenway path. 27 students who "agreed" that Trinity should be a more walkable community would "rarely" use sidewalks if they were present and 41 students who "agreed" to a more walkable community would "sometimes" use a public greenway. Finally, 25 students who "agreed" to a public park would "rarely" use sidewalks if they were present in Trinity. Some of these answers are conflicting and do not show the strong correlation that one would assume to be present between each pair of questions.

In the most general terms, the information gathered by the survey of Braxton Craven students shows that students are very supportive of more commerce and fairly enthusiastic for additional recreational opportunities to be added to the City. However, these students seem to have little opinion about historic preservation and seem to give contradictory answers to their support of elements of a more walkable community.

Commerce Related Questions

How often do you go out to eat in Trinity?

Always
15 Students
7.1%

Frequently
39 Students
18.6%

Sometimes
93 Students
44.3%

Rarely
46 Students
21.9%

Never
17 Students
8.1%

I would like more commerce to enter Trinity.

Strongly Agree
39 Students
20.0%

Agree
87 Students
44.6%

Disagree
54 Students
27.7%

Strongly Disagree
15 Students
7.7%

I would like more places to go out to eat in Trinity.

Strongly Agree

73 Students
36.1%

Agree

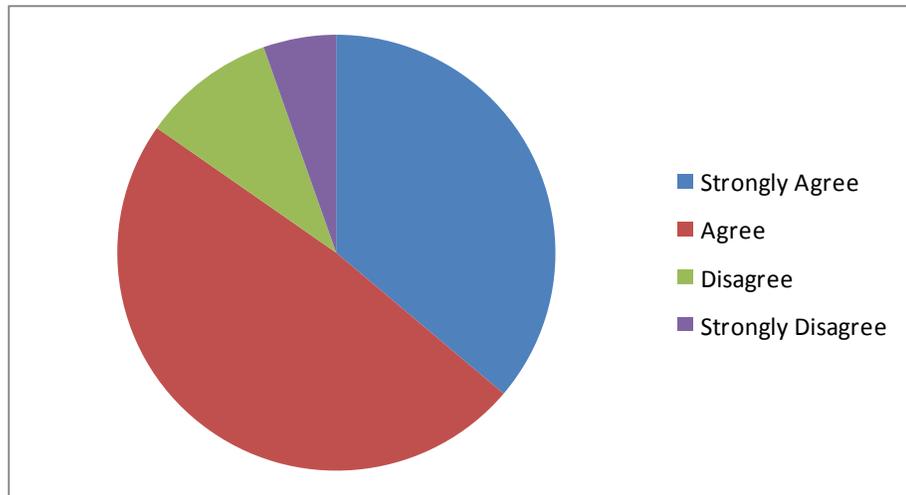
98 Students
48.5%

Disagree

20 Students
9.9%

Strongly Disagree

11 Students
5.4%



I would like to see more retail venues in Trinity.

Strongly Agree

81 Students

40.3%

Agree

75 Students

37.3%

Disagree

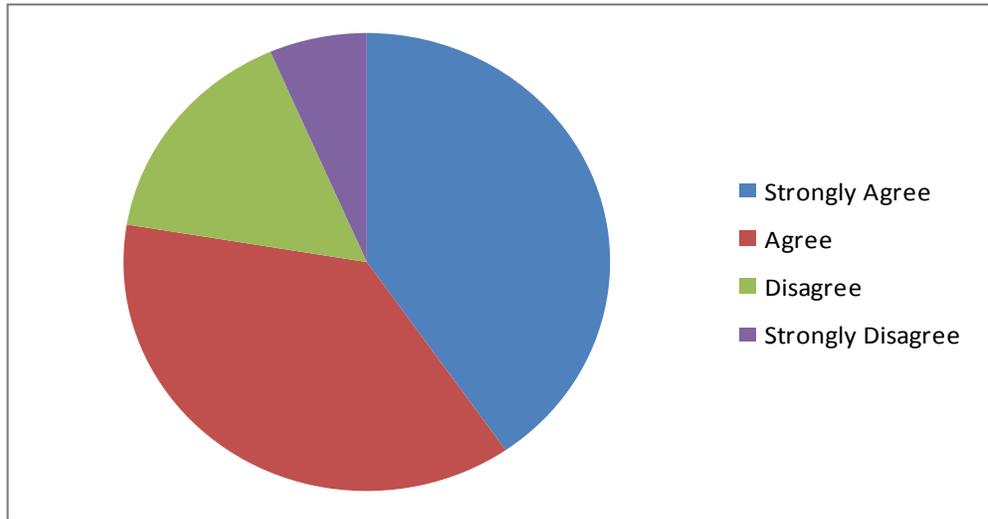
32 Students

15.9%

Strongly Disagree

13 Students

6.5%



I plan to stay in the Trinity area after I graduate from High School.

Strongly Agree

29 Students

14.6%

Agree

33 Students

16.7%

Undecided

104 Students

52.5%

Disagree

16 Students

8.1%

Strongly Disagree

16 Students

8.1%

I see the need for more housing in Trinity for young High School graduates.

Strongly Agree

37 Students

19.0%

Agree

99 Students

50.8%

Disagree

47 Students

24.1%

Strongly Disagree

12 Students

6.2%

Recreation Related Questions

If there were sidewalks in Trinity, I would use them.

All the Time
 36 Students
 17.1%

Frequently
 41 Students
 19.5%

Sometimes
 45 Students
 21.4%

Rarely
 54 Students
 25.7%

Never
 34 Students
 16.2%

I would utilize public greenways:

All the Time
 21 Students
 10.3%

Frequently
 34 Students
 16.7%

Sometimes
 86 Students
 42.4%

Rarely
 37 Students
 18.2%

Never
 25 Students
 12.3%

If bike paths were present in Trinity, I would bike:

All the Time
 45 Students
 21.8%

Frequently
 41 Students
 19.9%

Sometimes
 66 Students
 32.0%

Rarely
 27 Students
 13.1%

Never
 27 Students
 13.1%

I would like to see a public park on City property.

Strongly Agree
 46 Students
 23.1%

Agree
 93 Students
 46.7%

Disagree
 44 Students
 22.1%

Strongly Disagree
 16 Students
 8.0%

I would like to see a small amphitheater on the City's property.

Strongly Agree

46 Students

23.1%

Agree

93 Students

46.7%

Disagree

44 Students

22.1%

Strongly Disagree

16 Students

I would like to see a Veteran's Memorial at City Hall.

Strongly Agree

54 Students

27.0%

Agree

116 Students

58.0%

Disagree

25 Students

12.5%

Strongly Disagree

5 Students

2.5%

How important would a local public library be to you?

Very

50 Students

25.9%

Somewhat

54 Students

28.0%

Neutral

48 Students

24.9%

Not Really

19 Students

9.8%

Not at All

22 Students

11.4%

I would appreciate local space for the arts.

Strongly Agree

36 Students

18.5%

Agree

88 Students

45.1%

Disagree

56 Students

28.7%

Strongly Disagree

15 Students

7.7%

I would like Trinity to become more walk-able through use of sidewalks, crosswalks, and greenways.

Strongly Agree

67 Students

34.5%

Agree

89 Students

45.9%

Disagree

24 Students

12.4%

Strongly Disagree

14 Students

7.2%

Historic Preservation Related Questions

How important should preservation of 19th Century structures be in the Center City Plan?

Very
41 Students
20.1%
Somewhat
51 Students
25.0%
Neutral
72 Students
35.3%
Not Really
28 Students
13.7%
Not at All
12 Students
5.9%

How important should preservation of early 20th Century structures be in the Center City Plan?

Very
41 Students
20.1%
Somewhat
77 Students
37.7%
Neutral
60 Students
29.4%
Not Really
20 Students
9.8%
Not at All
6 Students
2.9%

Did you know that Trinity was the birthplace of Duke University?

Yes
176 Students
86.3%
No
28 Students
13.7%

The Bell Gazebo is _____ important to me.

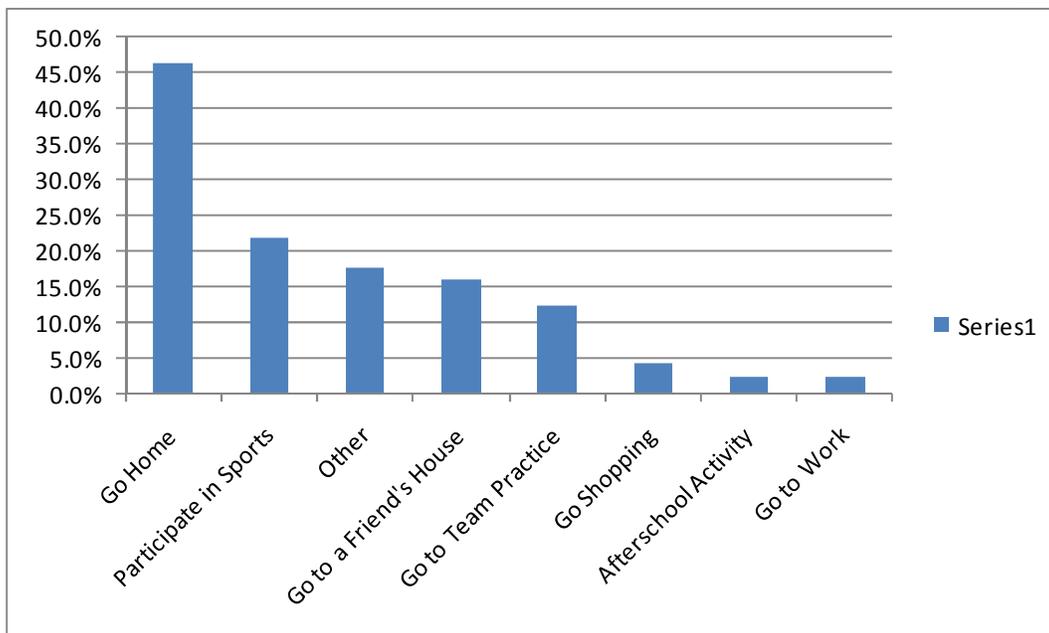
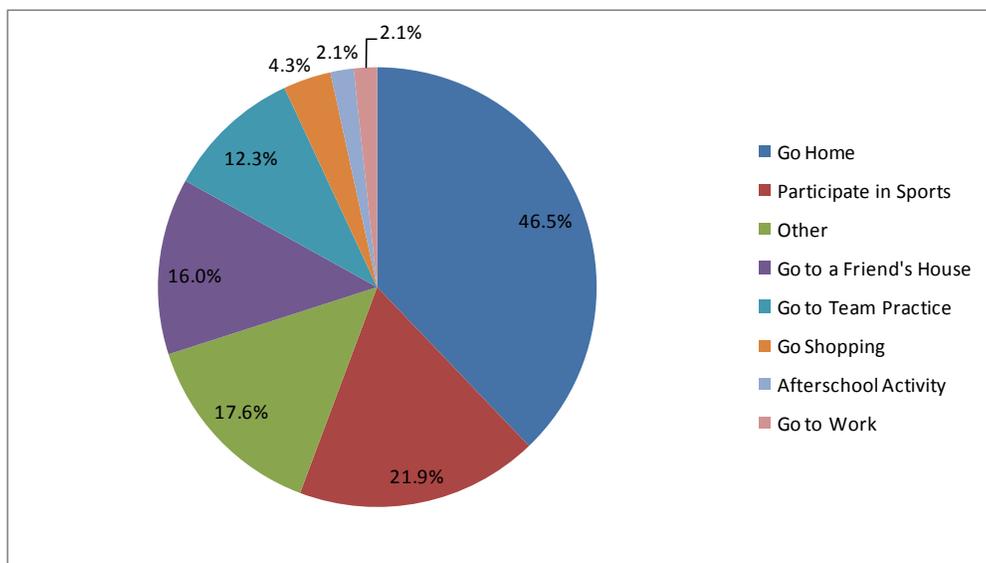
Very
32 Students
15.6%
Somewhat
56 Students
27.3%
Neutral
51 Students
24.9%
Not Really
44 Students
21.5%
Not at All
22 Students
10.7%

The New Gazebo is _____ important to me.

Very
24 Students
11.8%
Somewhat
62 Students
30.5%
Neutral
58 Students
28.6%
Not Really
37 Students
18.2%
Not at All
22 Students
10.8%

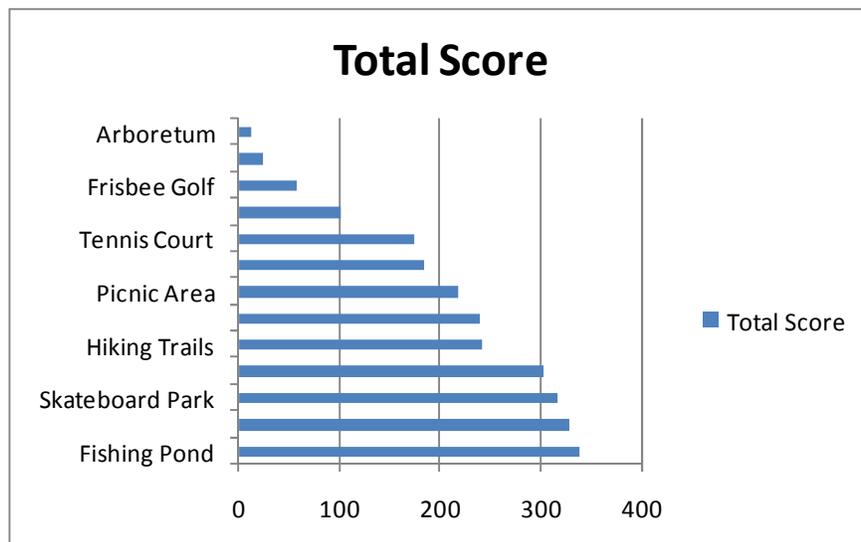
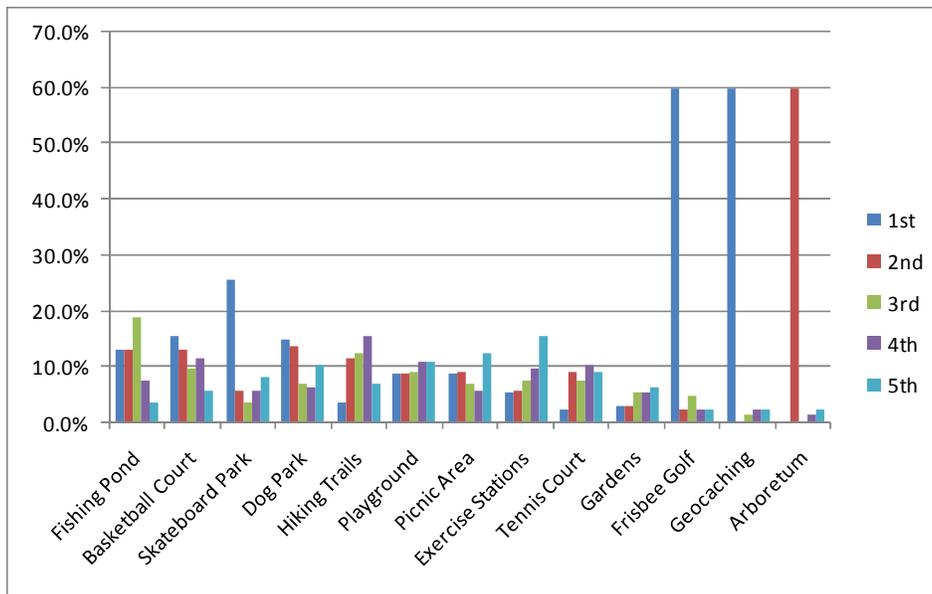
What do you most often do after school?

Activity	Percent	Frequency
Go Home	46.5%	87
Participate in Sports	21.9%	41
Other	17.6%	33
Go to a Friend's House	16.0%	30
Go to Team Practice	12.3%	23
Go Shopping	4.3%	8
Afterschool Activity	2.1%	4
Go to Work	2.1%	4



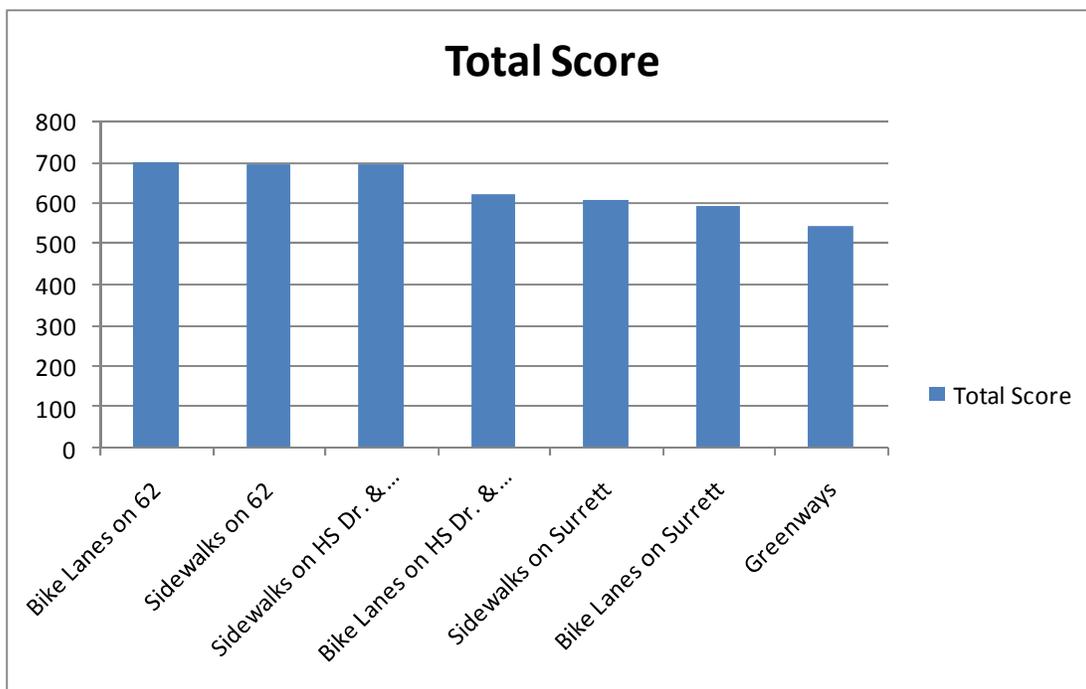
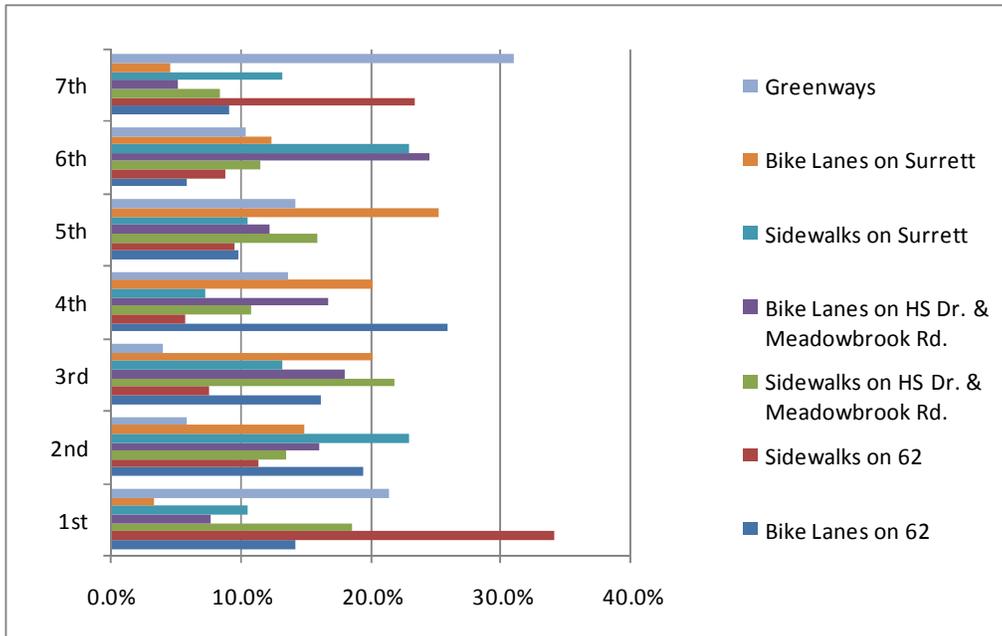
**If a public park were to open at City Hall which features would you prefer?
Please rank 1st choice through 5th.**

Amenity	None	1st	2nd	3rd	4th	5th	Total Score	Rank
Fishing Pond	44.6%	13.0%	13.0%	18.6%	7.3%	3.4%	338	1
Basketball Court	45.2%	15.3%	13.0%	9.6%	11.3%	5.6%	328	2
Skateboard Park	52.0%	25.4%	5.6%	3.4%	5.6%	7.9%	317	3
Dog Park	48.6%	14.7%	13.6%	6.8%	6.2%	10.2%	302	4
Hiking Trails	50.8%	3.4%	11.3%	12.4%	15.3%	6.8%	242	5
Playground	52.5%	8.5%	8.5%	9.0%	10.7%	10.7%	240	6
Picnic Area	57.6%	8.5%	9.0%	6.8%	5.6%	12.4%	217	7
Exercise Stations	57.1%	5.1%	5.6%	7.3%	9.6%	15.3%	185	8
Tennis Court	62.1%	2.3%	9.0%	7.3%	10.2%	9.0%	175	9
Gardens	78.0%	2.8%	2.8%	5.1%	5.1%	6.2%	101	10
Frisbee Golf	88.1%	60.0%	2.3%	4.5%	2.3%	2.3%	57	11
Geocaching	93.8%	60.0%	0.0%	1.1%	2.3%	2.3%	23	12
Arboretum	96.0%	0.0%	60.0%	0.0%	1.1%	2.3%	12	13



The City is considering improvements around the community for pedestrians and bicyclists. Please prioritize the following elements from 1 to 7 with 1 being the highest priority and 7 being the lowest.

Amenity	1st	2nd	3rd	4th	5th	6th	7th
Bike Lanes on 62	14.2%	19.4%	16.1%	25.8%	9.7%	5.8%	9.0%
Sidewalks on 62	34.0%	11.3%	7.5%	5.7%	9.4%	8.8%	23.3%
Sidewalks on HS Dr. & Meadowbrook Rd.	18.5%	13.4%	21.7%	10.8%	15.9%	11.5%	8.3%
Bike Lanes on HS Dr. & Meadowbrook Rd.	7.7%	16.0%	17.9%	16.7%	12.2%	24.4%	5.1%
Sidewalks on Surratt	10.5%	22.9%	13.1%	7.2%	10.5%	22.9%	13.1%
Bike Lanes on Surratt	3.2%	14.8%	20.0%	20.0%	25.2%	12.3%	4.5%
Greenways	21.3%	5.8%	3.9%	13.5%	14.2%	10.3%	31.0%



If the City constructed a greenway path that connected City Hall with the YMCA being constructed in Archdale, would you (check all that apply):

(1) Use it for recreation as a way to get exercise and enjoy the outdoors: 68.2%

(3) Travel from school to the YMCA for after school activities and events: 45.5%

(2) Ride from your house to the school, park, or YMCA: 47.7%

(4) I would probably not use the greenway path: 23.4%

Demographics

Gender.

Male

100 Students

51.5%

Female

94 Students

48.5%

Crosstabulations

Crosstabulations allow one to see how many students that answered one question with a particular answer gave a certain answer to another question. This allows one to compare student opinions on two separate questions and thus determine if the answers are related.

More Retail * More Commerce Crosstabulation

Count

		More Commerce				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Total
More Retail	Strongly Agree	22	39	15	2	78
	Agree	12	35	22	3	72
	Disagree	2	11	14	4	31
	Strongly Disagree	3	2	2	6	13
	Total	39	87	53	15	194

Utilize Public Greenways * Public Park Crosstabulation

Count

		Public Park				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Total
Utilize Public Greenways	All the time	10	8	1	1	20
	Frequently	14	15	4	0	33
	Sometimes	27	43	8	2	80
	Rarely	14	17	3	1	35
	Never	4	12	6	2	24
	Total	69	95	22	6	192

Sidewalk Use * Walkable Community Crosstabulation

Count		Walkable Community				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Total
Sidewalk Use	All the time	14	12	3	3	32
	Frequently	21	14	1	1	37
	Sometimes	13	24	6	0	43
	Rarely	15	27	7	1	50
	Never	4	12	7	9	32
	Total	67	89	24	14	194

Utilize Public Greenways * Walkable Community Crosstabulation

Count		Walkable Community				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Total
Utilize Public Greenways	All the time	9	6	2	2	19
	Frequently	13	15	2	2	32
	Sometimes	28	41	7	3	79
	Rarely	10	15	6	3	34
	Never	5	10	5	4	24
	Total	65	87	22	14	188

Sidewalk Use * Public Park Crosstabulation

Count		Public Park				
		Strongly Agree	Agree	Disagree	Strongly Disagree	Total
Sidewalk Use	All the time	11	19	3	1	34
	Frequently	19	17	3	0	39
	Sometimes	14	23	5	1	43
	Rarely	20	25	4	1	50
	Never	7	14	8	3	32
	Total	71	98	23	6	198