

appendix a

public input

A.1 Overview

Open, comprehensive, and fair input from citizens, agencies and stakeholders was critical to the success of this plan. To achieve this, the consultant team provided numerous opportunities for broad involvement in the planning process. Major steps included:

Bicycle Advisory Committee—The Winston-Salem/Forsyth County Bicycle Advisory Committee worked closely with the City of Winston-Salem staff and consultant team to provide guidance throughout the planning process.

Open House Public Meetings—The City sponsored three public open house meetings to solicit input.

Community Survey—The City conducted a mail-in survey of residents to more accurately assess the community's interest in and needs for new bicycle facilities.

Project Web Site—The City of Winston-Salem utilized its website to provide up-to-date information about the project, dates for community meetings, and the outcomes of those meetings.

A.2 Bicycle Advisory Committee

The Winston-Salem/Forsyth County Bicycle Advisory Committee met frequently with the consultant team and the City staff throughout the project to define project goals and objectives, review draft materials and shape recommendations for the project. The Committee is made up of citizens with a diverse set of cycling interests. Bicycle shop affiliates, recreation riders, bicycle commuters and individuals working on bicycle issues in the public sector were all part of the committee. Their input and ideas were a critical component of the planning process.



A.3 Open House Meetings

The consultant team conducted three open house meetings. The first was held in October 2004. The second and third were held in the spring of 2005.

At the October open house meeting, the consultants provided an introductory presentation that defined the scope of the project, goals and objectives of the work program and time frame for completing work. The consultant produced maps of the study area and a digital presentation that provided definition of project goals and objectives. During the meeting, the consultant invited the public to identify key issues of concern, as well as opportunities and constraints for bicycle facility implementation. The consultant also furnished a public opinion survey to solicit specific input on a series of questions relevant to the project. A copy of the survey form is provided on the following two pages, and the feedback from the meeting is summarized below.

A.3.1 October Survey Results

The first question from the survey was answered graphically on the maps that were provided. Answers to questions that could be tabulated are below.

Survey Question 2: Which factors play a role in whether or not you choose to bike to a destination?

The respondents selected as their top four answers:

- 1) Safety of route for cyclists
- 2) Traffic
- 3) Need for exercise
- 4) Weather

Survey Question 3: Which of these bicycle facilities would you like to use?

Five facility options were offered. The percentage of positive responses are shown:

- | | |
|------------------------------|-----|
| 1) Designated Bike Lanes | 88% |
| 2) Shared-Use Paths | 82% |
| 3) Paved Shoulders | 56% |
| 4) Wide Vehicle Travel Lanes | 44% |
| 5) Vehicle Travel Lanes | 26% |

Survey Question 5: Order this list of priorities according to the importance you place on them.

Five options were offered and participants were asked to put them in rank order. Their priorities were:

- 1st- Maximize safety across the entire network
- 2nd- Focus changes on segments that are already scheduled for repair or resurfacing
- 3rd- Maximize usability in certain critical areas
- 4th- Perfect a few major corridors
- 5th- Achieve a minimum degree of service across the whole region

Two of the survey questions prompted participants to give written responses. The responses that were given are listed below.

Survey Question 4: Are there places you would like to be able to bike that you cannot at this time?

- Davidson County to Tanglewood Park
- Davidson County (HWY 150) to Hanes Mall
- Downtown to Triad Park
- Downtown to Bike shops
- Winston-Salem to Hanging Rock State Park
- Winston-Salem to Pilot Mountain State Park
- Home to work (Kernersville) (zip 27103)
- Home to hospitals (zip 27103)
- Home to Wake Forest University (zip 27103)
- Downtown to Tanglewood Park
- Downtown to Salem Lake
- Neighborhoods to Baptist-Forsyth Hospitals (No zip given)
- Market Place to Hobby Park (Mountain Bike connector)
- Hobby Park to Tanglewood Park (Mountain Bike connector)
- Market place to Salem Lake
- Salem Lake to Rail-Trail
- Anywhere in town
- Bethabara Park Greenway to Wake Forest Campus
- Kernersville to downtown Winston-Salem
- Ebert Road to WFU Baptist Medical Center
- From Clemmons, up PeaceHaven to Reynolda
- PeaceHaven to Country Club to the old 421 River



Winston-Salem Urban Area Comprehensive Bicycle Plan

Participant Survey for the October 12, 2004 Public Workshop

1) Which areas do you feel would be good locations for bicycle route improvements?

To record your input for this question, please use the large map. On the map, note whether your suggestions are for on-road or off-road facilities and whether these are new facilities or an improvements to existing facilities.

2) Which of the following factors plays a role in whether or not you ride your bike to a destination?

Check as many as apply

- Travel time
- Availability of bicycle parking
- Safety of route for cyclists
- Traffic
- Costs of other travel modes
- Need for exercise
- Availability of showers/changing facilities
- Weather
- Hills
- Theft/bike security
- Other _____

3) Which of these bicycle facilities would you like to use?

select one or many

- Paved Shoulders
- Shared-Use Paths (Greenway Trails)
- Vehicle Travel Lanes
- Designated Bicycle Lanes
- Wide Vehicle Travel Lanes (wide Curb Lanes)

4) Are there places you would like to be able to bike that you cannot at this time?

FROM: _____ TO: _____

 FROM: _____ TO: _____

 FROM: _____ TO: _____

 FROM: _____ TO: _____

Please complete both sides of this form



5) Please order this list of priorities according to the importance you place on each of them.

Rank the options below from 1 (highest importance) to 5 (lowest importance)

- _____ A) Maximizing safety across the entire network of bicycle facilities
- _____ B) Maximizing usability in certain critical areas
- _____ C) Achieving a minimum, specified degree of service across the whole system
- _____ D) Perfecting a few major corridors
- _____ E) Focusing any changes on roadways and routes already scheduled for resurfacing and repair
- _____ F) Other: _____

6) Do you have suggestions about specific programming or bicycle related policies that you would like to see enacted?

7) Please provide your address below so we can better understand who was represented at tonight's meeting

Address: _____

Thanks for your input!

Please complete both sides of this form



Park

- Residential areas to shopping areas (zip 27103)
- Triad Park (off-road) to Salem Lake
- Salem Lake to Walkertown
- Walkertown (Greenway/off-road) to Kernersville
- Salem Lake to Triad Park
- Salem Lake to Walkertown
- Tobaccoville (sewer outfall line) to Muddy Creek waste water plant
- One side of downtown to the other side of downtown
- Sherwood Forest to Ardmore
- Ryan Way to Lewisville along Shattalon and either Robinhood or Yadkinville
- Ryan Way to Reynolda Village
- Ryan Way to Old Salem
- Along Stratford Road, from Thruway to Mall
- Terry King Plaza (Park View Shopping Center) to Deere-Hitachi in Kernersville
- Market Place Mall to Hobby Park
- Hobby Park to Tanglewood Park
- Salem Lake to Tanglewood Park
- Horizon Park to Bethabara Greenway
- Salem Lake to Kernersville and continue to Bur-Mil Park in Greensboro
- WFU to Hine Park Soccer Complex
- Bethabara Greenway to Hine Park
- Hine Park to Madison Park Offices
- Horizon Park to Bethabara Greenway
- Tanglewood to Old Town
- WFU to Downtown
- Salem Lake to Downtown (already exists via Old Salem)
- Salem Lake to Waughtown
- Waughtown to Union Cross to Midway
- Salem Creek Greenway to Hobby Park
- Salem Creek Greenway to Hanes Mall
- Salem Creek Greenway to Ardmore and West end
- Old Salisbury Road to Marketplace Mall
- Parcourse/Shaffner Park to Reynolda
- Salem Creek Greenway to Forsyth Tech.
- Wake Forest to Parkway Plaza Shopping Center (Silas Creek Pkwy)
- Stanleyville to Downtown (University Pkwy)

- First St to Clemmons (Via Hwy 158)
- Oldtown to Downtown W-S (Via Reynolda Road)
- South of W-S to North side of W-S
- South of Shallowford and Bus I-40 to North of Shallowford and Bus I-40 (Five Points, Knollwood, etc. are terrible intersections)
- Ardmore Neighborhood to NCSA, Marketplace Mall, and Salem Lake Greenway
- Walkerstown to Winston-Salem
- Winston-Salem to Charlotte
- W-S to Chapel Hill and Carrboro
- Bike Path around Hanes Park
- Use the RR along Stratford Rd for biking, and walking (two paths)
- Greenways and/or paths from Salem Lake Area to Triad Park

Survey Question 6: Do you have suggestions regarding specific programming or policies that you would like to see?

- Need community and recreational connections
- More greenways
- Providing subsidies to bike-friendly employers (Alexandria, VA is a model)
- Providing bike racks (Austin, TX is a model)
- Hire planners that treat bikes as serious, viable transportation options
- City of W-S should fully utilize its rights-of-way for greenways
- Bike-to-work days
- 10% off for cyclists
- Loaner bikes for city employees to run errands, go to lunch, etc.
- More Greenways
- Make biking info for families available through the schools
- Education
- Educate the public on positives of biking and on biking safety
- Driver education
- Enforcement of cyclists rights to the road
- Much more public education on the environmental, health, and legal issues
- Leash laws for areas outside city limits



Winston-Salem Urban Area

- Allow cyclists to use sidewalks (pedestrians to step aside and bikes to pass at no more than 2 mph)
- Work on connecting the mountain bike interest areas (mountain bikers now suffer from low mileage availability)
- More “share the road” signs
- Please ensure that heavily used roads such as Ebert and Country Club are addressed.
- Educate non-cycling public on how to safely co-exist with cyclists

A.3.2 Spring 2005 Meetings

In April, May and June, the consultant facilitated a series of public meetings. The purpose of these meetings was to present the final draft master plan recommendations and solicit input from the general public. One of these meetings was held at Hanes Mall, and attracted approximately 100 people during an afternoon and evening session. During these meetings, the public was invited to listen to a brief presentation about the final recommendations, review bicycle plan maps and ask questions of the consultant team.

Following the meeting at Hanes Mall, the consultant then attended a series of review meetings with various boards and commissions, culminating with presentations to the Winston-Salem Board of Alderman.

A.4 Media Coverage

Throughout the planning process, local television, newspaper and radio stations broadcast stories and wrote articles about the bicycle planning process and products.

A.5 Project Web Site

The City of Winston-Salem has used its web site to keep residents of the community up-to-date with the planning process. Residents have been able to download meeting agendas, determine the location, date and times for all public meetings, and download copies of the draft plan report and maps.



The images above are from the Spring 2005 Meetings, in which the final draft master plan was presented for recommendations and input from the general public.

A.6 2005 Citizen Survey

In addition to the public opinion survey that was administered by the consultant at the October 2004 open house meeting, a second survey was administered by the City from January to March 2005. This mail-in survey was direct mailed to 6000 households in the study area. Nearly ten percent (591) of the surveys were completed and returned to City for tabulation. A copy of the survey forms and tables listing the combined responses can be found on the following pages (for background information on the survey, see section 2.5)



Survey Reference
Number _____
(Internal Use Only)

WINSTON-SALEM AND NEIGHBORING COMMUNITIES
BICYCLE SURVEY

Thank you for taking the time to fill out this survey form. The information collected on these forms will be used to develop a Bicycle Plan for the Metropolitan Planning Area surrounding Winston-Salem. This survey and the plan are sponsored by the City of Winston-Salem.

Your household was randomly chosen to receive this survey. To maintain the randomness of our sample, please have the survey completed by the person in the household with the next upcoming birthday. Parents or guardians may need to assist children that are chosen to complete the survey.

Questions

- 1.a. How many people live in your household? _____
- 1.b. How many bicycles do you have in your household? _____
- 1.c. How many of the bicycles are used by people under 18 years old? _____

2. How many times per month (on average) do you ride a bicycle for the following purposes?

To go to work _____ To attend school _____ Other _____

For general recreation/exercise _____ To attend social activities/events _____

Touring or training _____ To shop/run errands _____

- 3.a. Is there a bicycle route or trail near your home? _____
- 3.b.1 If yes, do you use the bicycle trail or route? _____
- 3.b.2 If no, would you use a bicycle trail or route if it were near your home? _____

4. Have you ever used the bicycle rack on the front of a Winston-Salem Transit Authority bus? _____

5. On which roads would you like to see physical changes made to improve conditions for bicyclists (regardless of whether you are or are not a cyclist)?

_____ From: _____ Intersecting Road/Street To: _____ Intersecting Road/Street

Road/Street name

_____ From: _____ Intersecting Road/Street To: _____ Intersecting Road/Street

Road/Street name

_____ From: _____ Intersecting Road/Street To: _____ Intersecting Road/Street

Road/Street name

Please fill out both sides of this sheet --->



Winston-Salem Urban Area

6. Which types of bicycle facilities would you like to use when riding to a destination?

- Paved shoulders
- Greenways/off road trails
- Vehicle Travel Lanes
- Designated Bicycle Lanes
- Wide Vehicle Travel Lanes (wide curb lanes)

7. Which of the following factors plays a role in whether or not you ride your bike to a destination?

- Travel Time
- Availability of bike parking
- Safety of route for bicyclists
- Level of traffic
- Costs of other travel modes
- Need for exercise
- Availability of showers/changing facilities
- Weather
- Hills
- Theft/bike security
- Other _____

8. What changes might allow you to bicycle in your neighborhood more regularly?

9. To which destination(s) would you like to ride that you presently do not ride?

10. Should public funds be used to improve bicycle transportation options?

11. If yes, which types of funds should be used?

- Existing local taxes
- New local taxes
- State and federal grants
- Other _____

12. Your age (Under 10, 10-20, 20-30, etc.): _____ **13. Your gender** (F or M): _____

14. Your neighborhood name and/or zip code : _____

Thank you for taking the time to complete this survey.
Please place it in the provided envelope and mail it back to the City of Winston-Salem.

If you have any additional comments or suggestions, please write them in the space below.

Please fill out both sides of this sheet --->



**Winston-Salem Urban Area
Bicycle and Pedestrian Survey Summary**

1a. Number of people in your household?

1 person	161
2 to 4 people	864
5 or more people	208

1b. Number of bikes in the household?

1 bike	210
2 to 4 bikes	579
5 or more bikes	168

1c. Number of bikes used by people over 18?

1 to 2 bikes	235
3 or more bike	173

2a. How many times per month do you ride a bicycle for the following purposes?

	To work	To School	Rec. Exercise	Social Activities Events	Touring Training	Shopping Errands	Other
1 to 10	52	17	660	185	170	121	18
11 to 20	7	0	125	9	26	7	2
20 or more	4	3	37	7	9	2	0

2b. Did you bicycle mostly on:

Paved Roads	Shoulders of Paved Roads	Bike Lanes on Roads	Bike Paths Trails	Unpaved Roads	Sidewalks	Grass	Other
487	93	26	173	16	69	26	35

3a. Which type of bicycle facility would you like to use when riding to a destination?

Paved Shoulders	Green-ways Off Road Trails	Vehicle Travel Lanes	Striped Bike Lanes	Wide Vehicle Lanes	Other
414	634	101	714	183	271

3b. Which of the following factors plays a role in whether or not you ride a bicycle to a destination?

Travel time	Bike Parking	Route Safety	Traffic	Cost of gas
328	182	696	535	61
Need for Exercise	Shower Changing Facility	Weather Hills	Theft Bike Security	Other
459	134	359	239	245

4a. Have you ever used the bicycle racks on the WSTA bus?

Yes	25
No	1130

4b. If yes, did you find it to be useful?

Yes	24
No	0



Winston-Salem Urban Area

**Winston-Salem Urban Area
Bicycle and Pedestrian Survey Summary**

5a. How many times per month do you walk, run or jog for the following purposes?

	To work	To School	Rec. Exercise	Social Activities Events	Touring/ Training	Shopping Errands	Other
1 to 10	34	37	547	194	105	198	13
11 to 20	9	11	303	17	32	23	2
20 or more	5	5	125	4	10	7	6

5b. Did you walk, run or jog mostly on:

Paved Roads	Shoulders of paved roads	Bike lanes on roads	Bike Paths/ Trails	Unpaved roads	Sidewalks	Grass
419	127	10	213	16	199	38

5c. Do you live on a street that has sidewalks?

Yes	289
No	913

5d. If yes, are they useful to you?

Yes	273
No	12

6a. Is there a bicycle route, greenway or trail near your home?

Yes	434
No	763

6b. If yes, do you use the bicycle route, greenway or trail?

Yes	285
No	142

6c. If no, would you use one if it were near your home?

Yes	607
No	106

7a. In terms of security from crime or terrorism, how secure do you feel while walking or cycling?

Very insecure	95
Somewhat insecure	197
Somewhat secure	464
Very secure	426

7b. In terms of safety from accidents, how safe do you feel while walking or cycling?

Very insecure	203
Somewhat insecure	342
Somewhat secure	495
Very secure	123

11. Should public funds be used to improve pedestrian or bicycle transportation options?

11a. Pedestrian options

Yes	944
No	158

11b. Bicycle options

Yes	895
No	153

12. If yes, which types of funds should be used?

Existing Local Taxes	New local taxes	Bonds	State/ Federal Grants	Other
597	215	211	688	268



Winston-Salem Urban Area
Bicycle and Pedestrian Survey Summary

13. Your age:

Under 10	53
10 to 20	152
21 to 30	109
31 to 40	229
over 40	796

14. Your gender:

Male	596
Female	599

