



# TOWN OF CARRBORO COMPREHENSIVE BICYCLE TRANSPORTATION PLAN

ADOPTED BY THE BOARD OF ALDERMEN  
MARCH 24, 2009



PREPARED FOR:  
THE TOWN OF CARRBORO,  
NORTH CAROLINA  
PREPARED BY:



Division of  
Bicycle &  
Pedestrian  
Transportation





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Prepared For:  
**The Town of Carrboro**  
301 W. Main Street  
Carrboro, North Carolina 27510

Prepared By:  
**Greenways Incorporated**

January 2009



# ACKNOWLEDGEMENTS

## Town of Carrboro

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# EXECUTIVE SUMMARY



## Vision and Goals

The Town of Carrboro is recognized regionally for its strong sense of community, cultural diversity, and proactive citizen involvement. A large part of Carrboro's community and identity is its bicycle friendliness. In 2001, Carrboro was recognized as the first community in the State of North Carolina to be a Bicycle Friendly Community. The Town was awarded a bronze-level designation from the League of American Bicyclists.

To further distinguish itself as a national model for bicycle-friendly communities, Carrboro applied for, and received, an NCDOT Bicycle and Pedestrian Planning Grant for the development of a comprehensive bicycle transportation plan. Through this Plan, Carrboro is making a commitment to improving bicycle facilities and programs within the Town. These efforts would continue to improve citizens' quality of life, reduce auto dependency, and increase community connections. In January 2008, the Town commissioned Greenways Incorporated to prepare a Comprehensive Bicycle Transportation Plan with the following vision:

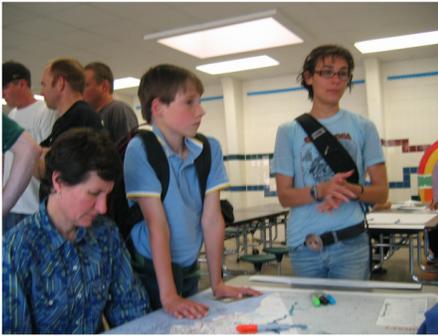
*"Carrboro will be a place that is bicycle-friendly; where people have an accessible, safe, and convenient option of bicycling for transportation, recreation, and health; where bicycle lanes and greenways provide a connected system within and outside the Town; where future development provides access and facilities for bicyclists; where bicycle transportation is the easy choice; and where proposed policies and programs educate, inspire, and encourage residents and enforce safe bicyclist and motorist behavior."*

Research and design was performed in close collaboration with the Carrboro Planning Department and a specially appointed project Steering Committee. In addition, public input was obtained through workshops, a comment form of interests and needs, and a thorough review of existing plans, each of which included previous public input. The resulting

Plan has a series of recommendations: a proposed Bicycle Network of on- and off-road facilities that safely accommodate varying levels of bicyclists traveling for transportation, recreation, and health, and detailed policies and programs that will help the Town implement this Plan. Specifically, the goals of this Plan are:

1. To have bicycling as a viable transportation alternative throughout the Town and for all trip purposes.
2. A continuing process for reviewing, updating, and implementing bicycle-related policies.
3. A robust comprehensive bicycle program that incorporates engineering, education, encouragement, enforcement and evaluation programs.
4. A safe and accessible network of bicycle facilities.

The Town of Carrboro recognizes the importance of accommodating bicycle travel as a viable transportation mode and to create safe, convenient and efficient transportation opportunities for residents and visitors that choose to bicycle throughout the community. This Plan provides a comprehensive approach toward identifying existing and future bicycle needs and deficiencies, a route network to address those deficiencies, a method to examine optimal design and policy improvements, and implementation strategies for the development of quality bicycle facilities and programs. If executed, it will make Carrboro a candidate for platinum-level designation as a Bicycle Friendly Community with the League of American Bicyclists.



## Existing Conditions Analysis

### Background

The consultant team conducted an in-depth analysis and evaluation of current conditions for bicycling, including current bicycle conditions, crash data, bicycle facilities at destinations, bicycle use and demand, demographics, and land use.

### Use of GIS

Geographic Information Systems (GIS) data were collected by the consultant from the Town of Carrboro, including bicycle crash data from the NCDOT Traffic Safety Unit and the 2000 Census. The existing bicycle network was supplemented with crash data mapping and analysis, trip attractors, population density, income levels, transportation data, and land use to provide a comprehensive map and tool for developing the recommended bicycle network.



### Fieldwork

Fieldwork was a critical element of existing conditions analysis. Gaps in the existing bicycle system, possible off-road greenway corridors, and intersections were examined and inventoried. A digital photo inventory was collected for locations throughout Carrboro. Fieldwork allowed for the direct experience of being a cyclist in the town.

### Public Input

Significant public input was gathered from multiple efforts throughout the planning process, which helped shape the outcome of a majority of the recommendations in this Plan. Public input was solicited via two public workshops, public outreach, and paper and online comment forms. Approximately 100 people provided input at the two workshops through direct conversation with the consultant and Town staff, map markups, and comment forms. 396 citizens completed either the paper or online comment form, which contained 32 questions relating to bicycling and demographics.

### Needs Analysis

The need and demand for a more accessible, safe and functional bicycle system throughout Carrboro continues to grow. Although Carrboro is nationally-recognized for its bicycle friendliness, citizens have expressed concern about cyclist safety and a desire for more and better facilities. This was clearly articulated by the residents who attended the public workshops, and was even more evident in the additional feedback gathered through public comment forms. In addition, Carrboro's high quality of life and commitment to compact land use will continue to draw newcomers wanting to enjoy a less car-centric lifestyle. As such, it is expected that bicycle travel will continue to increase, making cyclist accommodation and protection paramount in the future. These needs can be met with a comprehensive system of on-road and off-road bicycle facilities along with the programs, policies, and funding to support the recommendations in this plan.



### *Existing Plans*

Numerous plans, guidelines, ordinances, and strategies have addressed issues related to bicycle planning in Carrboro, such as transportation, development, and land use. These were examined and integrated into the development of this Plan.

### **Bicycle Network Recommendations**

This Plan recommends the implementation of an additional 54 miles of bicycle facilities, including paved shoulders, bicycle lanes, sharrows, sidepaths, intersection improvements and off-road trails. These facilities are recommended in phases, and are prioritized for implementation. Recommended improvements include re-striping, repaving, or signage installation with few actual roadway alterations; others will involve new construction or property acquisition in the form of right-of-way or public easement.

In order to prioritize bicycle network projects, the Steering Committee developed a prioritization matrix based on the following criteria, from most valued to least valued:

- Top 1-5 public requested
- Top 6-10 public requested
- Direct access to/from a school
- Direct access to/from an existing greenway
- Connections to Downtown
- Direct access to/from an existing (or funded) bicycle facility
- Direct access to/from higher density residential areas
- Top 11-20 public requested
- Elementary & middle school proximity
- High school proximity
- Parks/rec/playground proximity
- Regional connection and/or highway crossing
- Integrates with bus route network
- Direct access to/from future development
- Direct access to/from a proposed greenway
- Direct access to commercially zoned areas
- Direct access to mixed use areas
- Route with a reported accident

## PHOTO RENDERINGS

### ON-ROAD FACILITIES



Although 12.8 centerline miles of on-road bicycle facilities exist currently throughout Carrboro, gaps between corridors create a lack of connectivity between destinations. An additional 12.2 miles of corridor facilities, such as bicycle lanes along Estes Dr. (shown above), could close gaps and accommodate bicyclists.

### INTERSECTIONS



Intersections throughout Carrboro were inventoried to determine if treatments were needed to improve legibility and safety. High-visibility ladder-style crosswalk markings, bike boxes, and colored bicycle lanes, as shown above at the intersection of Main St. and Jones Ferry Rd., all contribute to a more visible crossing environment for cyclists and motorists.

### GREENWAYS



Greenways in this Plan refer to off-road, multi-use paved pathways for both recreation and transportation. The greatest opportunities for these in Carrboro are the future Bolin and Morgan Creek Greenways. The renderings above illustrate how the existing sewer easement can be used to provide an alternative bicycling experience to Wilson Park and N. Greensboro Rd.



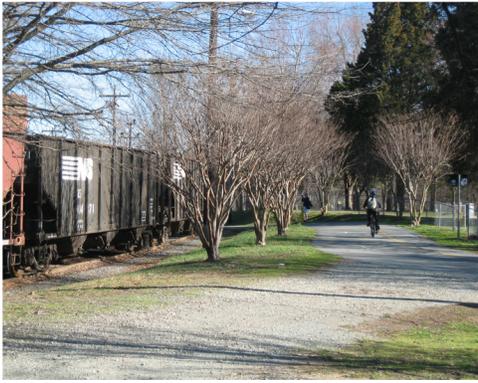
The top 10 priority corridor improvements identified by the matrix are described in the table below:

**TOP 10 PRIORITY CORRIDOR SEGMENTS**

Corridor	From	To	Interim Treatment <sup>1</sup>	Cost
<b>Smith Level Rd.*</b>	NC 54	Rock Haven Rd.	Paved shoulders on both sides	\$456,000
<b>Estes Dr.*</b>	N. Greensboro St.	Town limits	Wilson Park Greenway	\$175,000
<b>Homestead Rd.*</b>	High School Rd.	Stratford Dr.	Enforcement/Share the Road signage (2)	\$400
<b>S. Greensboro St.*</b>	Weaver St.	NC 54	Alternate routing on Old Pittsboro Rd./ Signage (4)	\$1,000
<b>Old Fayetteville Rd.*</b>	Hillsborough Rd.	NC 54	Enforcement/Share the Road signage (2)	\$400
<b>Smith Level Rd.*</b>	Rock Haven Rd.	Damascus Church Rd.	Enforcement/Share the Road signage (2)	\$400
<b>Old NC 86*</b>	Homestead Rd.	Hillsborough Rd.	Enforcement/Share the Road signage (2)	\$400
<b>Shelton St.**</b>	N. Greensboro St.	Hillsborough Rd.	Sharrows (20)	\$1,300
<b>N. Greensboro St.*</b>	Estes Dr.	Shelton St.	Maintenance/repaint existing lanes & symbols	\$2,080
<b>N. Greensboro St.*</b>	Shelton St.	Weaver St.	Sharrows (8)	\$520

\*Roadway owned by NCDOT                      \*\*Roadway owned by Town of Carrboro

<sup>1</sup>Long-term treatments can be found in Chapter 3: Bicycle Network Plan



Because intersections are critical locations in terms of bicyclist safety, this Plan identifies key intersections in need of specific improvements. The majority of these locations are multi-lane roadways with high-volume traffic and corridors that connect multiple uses and large populations. As a response to citizen-reported preference for off-road facilities as primary bicycle routes, the Plan also identifies two greenway corridors- Bolin Creek Greenway and Morgan Creek Greenway- as important connections within the Town of Carrboro.

Lastly, this Plan encourages the Town of Carrboro to maximize its efforts and link bicycle facilities to neighboring and regional destinations. It is recommended that the Town of Carrboro coordinate its Bicycle Network with those of the Town of Chapel Hill, UNC-Chapel Hill, and Orange and Durham Counties to create long distance connections for alternative transportation and recreation. Specific regional routes for which to consider connections include NCDOT's State Bicycle Route #2, the future Morgan and Bolin Creek Greenways, the American Tobacco Trail in Durham County, and ultimately the East Coast Greenway.

**Program and Policy Recommendations**

Achieving the goals of the Carrboro Bicycle Transportation Plan will require more than the installation of recommended bicycle facilities. A comprehensive approach that promotes and encourages proper use and enjoyment of the system will not only help meet mode-share goals, but will also help meet the needs of all types of bicyclists that cannot be met through facility construction alone.

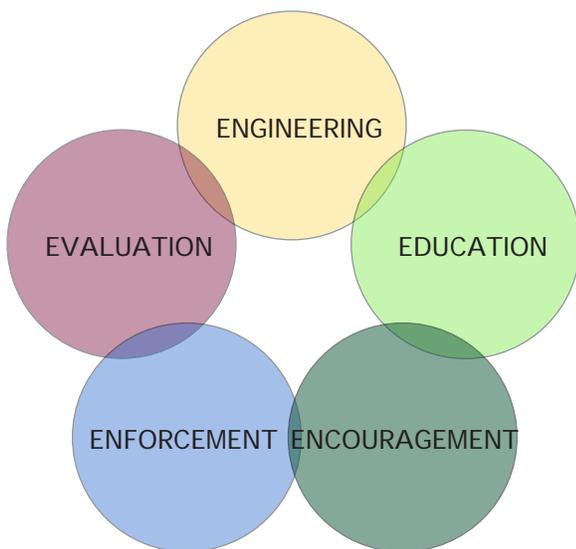
**Programs**

The programs recommended by the Plan address education, encouragement, and enforcement. The Town should work closely with local volunteers and community organizations to implement events and activities, research new program ideas, and improve upon existing programs. Primary among these efforts is the development of a citizens' Bicycle Advocacy Group to champion the recommendations and implementation of the Plan. This advisory group would meet quarterly and would be a beneficial resource for promoting bicycle safety, providing feedback on opportunities and obstacles within the bicycle network, and assisting in the coordination of events and outreach campaigns. The Bicycle Advocacy Group would function as a separate, non-Town entity; however, it would be critical for the group to coordinate and collaborate with the Carrboro Transportation Advisory Board and the Greenways Commission to ensure proper communication and integration of efforts.

Specific program recommendations may be found in the tables at the end of this Executive Summary.

**Policies**

Developing a comprehensive, safe, accessible, connected bicycle network will require strong policies to ensure proper development. This planning document supercedes the 1989 Bicycle Policy. New policies enhancing the old policy include additional bicycle facility options, enhanced programming, and a bicycle parking ordinance. These changes will help the Town of Carrboro meet the needs of bicyclists through plan implementation.



Specific policy recommendations may be found in the tables at the end of this Executive Summary; short-term policy recommendations are listed below:

- Update the 1989 Bicycle Policy with this plan
- Expand the bicycle parking ordinance for new development

### Implementation

An implementation plan is required to best realize the facilities, programs, and policies recommended in this Plan. Such a plan should include a monitoring and evaluation process to ensure that the programs and policies are effecting the desired results. The key actions in the implementation of this Plan are as follows:

- Implement the priority bicycle network projects identified by this plan.
- Create the necessary governance capability and administration capability to oversee plan implementation and facility maintenance.
- Secure the funding necessary to immediately begin the short-term phase work and maintenance operations, and start working on a strategy to fund the physical, policy and program modifications over a 5-10 year period.
- Produce a user-friendly Carrboro Bicycle Map that shows existing facilities as well as recommended cycling transportations routes.
- Start educating and building awareness by holding a public event to announce the adoption of the bicycle plan and some of the upcoming projects.
- Coordinate the policy recommendations in this plan with future Land Use Ordinance updates.
- Ensure that bicycle planning is integrated with other transportation, land use, economic development, and environmental planning efforts in the community.
- Begin signage program to include wayfinding and

route signage to bicycle routes.

- Begin short-term, high-priority projects as described in the Five E's tables on the following pages.

### Design Guidelines

Bicycle facility guidelines that adhere to national standards were provided in this Plan. The treatments and guidelines put forward are important because they represent the minimum standards for creating a bicycle-friendly, safe, accessible community.



## Recommendations Tables

**ENGINEERING**

<b>Detailed BFC* Audit</b>	<b>Key Recommendations</b>	<b>Detailed Description</b>	<b>Responsible Agency(s)</b>	<b>Phase</b>
New Road Construction	Utilize new bicycle policy (in Chapter 5) to consider additional bicycle facility treatments.	Chapter 5	Town of Carrboro	Short-term
Town Staff Training Programs	Create in-reach training sessions for Town engineers and planners.	Chapter 4	Town of Carrboro	Long-term
	Partner with Orange County, Town of Chapel Hill, and NCDOT representatives for training programs.	Chapter 4	Town of Carrboro	Long-term
Bridges	Ensure bicycle facilities are part of new and reconstructed bridge design.	Chapters 5, 6, & 7	Town of Carrboro; NCDOT	Long-term
Bike Parking	Expand bicycle parking ordinance (as described in Chapter 5). Add additional bicycle parking as described in Chapter 3.	Chapter 3 & 5	Town of Carrboro	Short-term
Bike Racks/ Storage Units	Upgrade at some destinations as described in Chapter 3.	Chapter 3	Town of Carrboro	Medium-term
Transit Service & Bikes	Continue to ensure bicyclists are accommodated in future transit services.	Chapter 6 & 7	Town of Carrboro, Chapel Hill Transit (CHT)	Long-term
Bike Facility Mileage	Begin implementing bicycle network recommendations to lengthen system.	Chapter 3	Town of Carrboro; NCDOT	Short-term
Arterial Streets	Begin implementing bicycle network recommendations in this Plan and utilize new bicycle policy in Chapter 5.	Chapters 3, 5, & 7	Town of Carrboro; NCDOT	Short-term
Bike Routes	Begin implementing bicycle route and signage recommendations in this Plan.	Chapters 3, 6, & 7	Town of Carrboro; NCDOT	Medium-term
Maintenance Programs	Create a bicyclist-request response system for maintenance needs.	Chapter 6	Town of Carrboro; NCDOT	Medium-term
	Continue routine and remedial maintenance tasks and consider expansion of tasks.	Chapter 6	Town of Carrboro; NCDOT	Short-term
Intersections	Begin implementing bicycle intersection recommendations in this Plan.	Chapters 3 & 7	Town of Carrboro; NCDOT	Medium-term
(Table continued on next page)				
*BFC=Bicycle Friendly Community				

**ENGINEERING, CONTINUED**

Detailed BFC* Audit	Key Recommendations	Detailed Description	Responsible Agency(s)	Phase
(Continued from previous page)				
Paved Bike Trails	Begin expanding paved trails as recommended in Plan and prioritized by Greenways Commission.	Chapters 3, 6, & 7	Town of Carrboro	Short-term
Mountain Biking	Improve signage and mapping.	Chapter 4	Town of Carrboro	Long-term
Bicyclist Open Space	Improve signage and mapping.	Chapter 4	Town of Carrboro	Long-term
Employer Bike Ordinance	<i>See Encouragement Table</i>	Chapters 4 & 5	Town of Carrboro	Short-term
Recreational Facilities	Begin implementing bicycle network recommendations in this Plan (rural paved shoulders, route signage, etc.).	Chapter 3, 6 & 7	Town of Carrboro, Orange County; NCDOT	Short-term

\*BFC=Bicycle Friendly Community

EDUCATION				
Detailed BFC* Audit	Key Recommendations	Detailed Description	Responsible Agency(s)	Phase
Motorist Education	Develop brochures, newspaper articles, and newsletters.	Chapter 4	Town of Carrboro†	Medium-term
	Review traffic calming public education program to ensure that it targets motorists, pedestrians, and bicyclists.	Chapter 4	Town of Carrboro	Medium-term
	Enhance enforcement of unsafe behavior.	Chapter 4	Town of Carrboro	Medium-term
Adult Bicycle Education	Launch traffic calming program to target motorists, pedestrians, and bicyclists.	Chapter 4	Town of Carrboro	Medium-term
	Conduct brown-bag events, lecture series, and clinics for adults.	Chapter 4	Town of Carrboro†	Short-term
	Enhance enforcement of unsafe behavior.	Chapter 4	Town of Carrboro	Medium-term
Safety Programs for Children	Continue "Basics of Bicycling" course.	Chapter 4	CHCCS	Short-term
	Launch traffic calming program to target youth motorists, pedestrians, and bicyclists.	Chapter 4	Town of Carrboro	Medium-term
	Enhance enforcement of unsafe behavior.	Chapter 4	Town of Carrboro	Medium-term
	Develop programs such as earn-a-bike programs, bicycle rodeos, and summer camps.	Chapter 4	Town of Carrboro†	Medium-term
	Organize bicycle rides as part of Carrboro Day.	Chapter 4	Town of Carrboro†	Short-term
Public Safety	Develop bicycle safety materials, newsletters, and brochures.	Chapter 4	Town of Carrboro†	Medium-term
	Develop educational bicycle map.	Chapter 4	Town of Carrboro	Short-term
Routine Local Safety Education	Produce education messages in distributions and media.	Chapter 4	Town of Carrboro	Medium-term
Internal Education**	Create in-reach events such as brown bags and training sessions for Town departments.	Chapter 4	Town of Carrboro	Medium-term
	Develop training sessions for local-law enforcement.	Chapter 4	Town of Carrboro	Medium-term
Bicycle Ambassador Program	Begin ambassador program formed of Advocacy Group members and citizens.	Chapter 4	†	Short-term
	Make ambassadors visible through educational and encouragement programs and events.	Chapter 4	†	Short-term
League Cycling Instructors	Increase number of League Cycling Instructors in area.	Chapter 4	†	Short-term
*BFC=Bicycle Friendly Community **Item not part of BFC application, but added for the Town of Carrboro †Possible role for Citizens' Bicycle Advisory Group				

**ENCOURAGEMENT**

<b>Detailed BFC* Audit</b>	<b>Key Recommendations</b>	<b>Detailed Description</b>	<b>Responsible Agency(s)</b>	<b>Phase</b>
<b>Employer Programs**</b>	Employers should provide incentives for employees for commuting by bicycle.	Chapter 4	Town of Carrboro†	Short-term
	Town should provide information to employers for programs.	Chapter 4	Town of Carrboro†	Short-term
<b>School Programs (Safe Routes to School)</b>	Apply for additional Safe Routes to School funding for planning and implementation.	Chapter 4	Town of Carrboro	Medium-term
	Complete implementation of current action planning efforts.	Chapter 4	Town of Carrboro	Medium-term
	Develop after-school programs, summer camps, and family rides.	Chapter 4	Town of Carrboro†	Medium-term
<b>Youth Recreation** Intervention</b>	Develop bicycle rodeos, summer bicycle camps, and events/camps that require bicycles.	Chapter 4	Town of Carrboro†	Medium-term
	Continue "Basics of Bicycling" course.	Chapter 4	CHCCS	Short-term
<b>Awareness Days</b>				
<b>National Bike Month</b>	Promote the month and create additional activities.	Chapter 4	Town of Carrboro†	Short-term
<b>Bike to Work Day</b>	Promote the day and create additional activities, especially for commuters.	Chapter 4	Town of Carrboro†	Short-term
<b>Annual Bike Tour</b>	Host own bicycle riding tours/races.	Chapter 4	Town of Carrboro	Long-term
<b>League Cycling Instructors</b>	Increase number of League Cycling Instructors in area.	Chapter 4	†	Short-term
<b>Bicyclist Breakfast**</b>	Establish monthly bicyclist breakfast to build support and camaraderie.	Chapter 4	Town of Carrboro†	Medium-term
<b>Other Days**</b>	Promote bicycling at other annual days.	Chapter 4	Town of Carrboro†	Medium-term
<b>Facilities to Promote Other Causes**</b>	Utilize greenways and bicycle facilities to host events for causes.	Chapter 4	Town of Carrboro†	Medium-term

(Table continued on next page)

\*BFC=Bicycle Friendly Community \*\* Item not part of BFC application, but added for the Town of Carrboro †Possible role for Citizens' Bicycle Advisory Group

**ENCOURAGEMENT, CONTINUED**

Detailed BFC* Audit	Key Recommendations	Detailed Description	Responsible Agency(s)	Phase
(Continued from previous page)				
<b>Bicycle Promotion Within Local Organizations</b>				
<b>Bike Clubs</b>	Expand clubs such as Carolina Tarwheels to reach less experienced bicyclists.	Chapter 4	Town of Carrboro†	Medium-term
<b>Specialty Bike Shops</b>	Bicycle shops should remain involved in Plan implementation and events.	Chapter 4	Town of Carrboro†	Short-term
<b>Bicycle Rental &amp; Upkeep</b>	Further Town support of Blue Urban Bikes (BUB) and ReCYCLEry programs.	Chapter 4	Town of Carrboro†	Short-term
	Establish Town Hall as BUB hub.	Chapter 4	Town of Carrboro†	Short-term
<b>Bike Maps</b>	Improve town-wide online maps with routing, facilities, and bicycle education information.	Chapters 4 & 6	Town of Carrboro†	Short-term
	Create foldable town-wide bicycle map with routing, facilities, and bicycle education information.	Chapters 4 & 6	Town of Carrboro†	Short-term
	Update current Bicycle Map.	Chapters 4 & 6	Town of Carrboro†	Medium-term
<b>MTB Trails Maps</b>	Develop online and hardcopy mountain bicycle trail maps.	Chapter 4	Town of Carrboro	Long-term
<b>Adopt-a-Trail**</b>	Promote and support local volunteer groups and agencies to maintain greenways.	Chapter 4	Town of Carrboro†	Short-term
<b>Revenue Generating Programs**</b>	Consider events that require fees and/or donations that would increase revenue for bicycle facilities.	Chapter 4	Town of Carrboro†	Long-term
<b>Other Efforts**</b>	Provide annual reports to community that update on bicycling improvements.	Chapter 4	Town of Carrboro†	Short-term
	Promote and advertise new programs and events.	Chapter 4	Town of Carrboro†	Short-term
	Reach out to Spanish-speaking population with education and encouragement programs.	Chapter 4	Town of Carrboro†	Medium-term
	Research and consider other encouragement methods.	Chapter 4	†	Long-term

\*BFC=Bicycle Friendly Community \*\*Item not part of BFC application, but added for the Town of Carrboro †Possible role for Citizens' Bicycle Advisory Group

**ENFORCEMENT**

<b>Detailed BFC* Audit</b>	<b>Key Recommendations</b>	<b>Detailed Description</b>	<b>Responsible Agency(s)</b>	<b>Phase</b>
<b>Targeted Motorist Enforcement</b>	Enforce illegal motorist actions related to bicycle safety.	Chapter 4	Town of Carrboro	Medium-term
	Develop traffic calming programs to educate and enforce.	Chapter 4	Town of Carrboro	Medium-term
<b>Targeted Bicyclist Enforcement</b>	Enforce illegal bicyclist actions related to bicycle safety.	Chapter 4	Town of Carrboro	Medium-term
	Target enforcement at sites of newly introduced bicycle facilities.	Chapter 4	Town of Carrboro†	Medium-term
	Create Volunteer trail patrol positions which can monitor incidences and report trail violations.	Chapter 4	Town of Carrboro†	Medium-term
<b>Local Police Input</b>	Include Police Department representative to report to Town.	Chapters 4 & 6	Town of Carrboro†	Short-term
<b>Police Officer Traffic Training</b>	Create new training sessions, especially with new facility implementation.	Chapter 4	Town of Carrboro	Long-term
	Have police officers participate in bicycle-related workshops and certification workshops.	Chapter 4	Town of Carrboro	Long-term
<b>Bicycle Patrol</b>	Create bicycle patrol positions.	Chapter 4	Town of Carrboro	Long-term
<b>School Crossing Guards**</b>	Continue school crossing guard program and consider expanding when need arrives.	Chapter 4	Town of Carrboro	Short-term
<b>Mandatory Helmet Law</b>	Consider helmet law for all ages.	Chapter 4	Town of Carrboro	Medium-term

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**EVALUATION AND PLANNING**

<b>Detailed BFC* Audit</b>	<b>Key Recommendations</b>	<b>Detailed Description</b>	<b>Responsible Agency(s)</b>	<b>Phase</b>
<b>Overall Mode Share and Number of Bike Trips</b>	Utilize 2010 Census Data to determine new mode share.	Chapter 6	Town of Carrboro	Medium-term
	Continue to conduct and update bicycle counts as part of Mobility Report Card.	Chapter 6	Town of Carrboro	Short-term
<b>Safety (Cyclist/Motorist Fatalities in Past 5 Years)</b>	Keep these incidences tallied and part of database.	Chapter 6	Town of Carrboro	Short-term
<b>Safety (Cyclist/Motorist Crashes in Past 5 Years)</b>	Keep these incidences tallied and part of database.	Chapter 6	Town of Carrboro	Short-term
<b>Crash Reduction Programs</b>	Research crashes and initiate crash reduction programs.	Chapter 6	Town of Carrboro†	Medium-term
<b>Bicycle Facility Improvements</b>	Measure new facilities as constructed and report on facility quality.	Chapter 6	Town of Carrboro	Medium-term
<b>Implement and Update Prioritization Improvements</b>	Implement priority projects as identified in this Bicycle Plan. Update Top 10 priority list each year.	Chapters 3 & 6; App. A	Town of Carrboro	Short-term
	Address new requests and safety issues that may arise.	Chapter 6	Town of Carrboro	Medium-term
<b>Program Successes</b>	Measure program participation, education/enforcement efforts, and evaluate success.	Chapter 6	Town of Carrboro	Medium-term
(Table continued on next page)				
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**EVALUATION AND PLANNING, CONTINUED**

<b>Detailed BFC* Audit</b>	<b>Key Recommendations</b>	<b>Detailed Description</b>	<b>Responsible Agency(s)</b>	<b>Phase</b>
(Continued from previous page)				
<b>Policy for Bicycle &amp; Network Future Development</b>	Update policies with this Plan.	Chapters 5 & 6	Town of Carrboro	Short-term
	Regularly review and update bicycle-related policies.	Chapter 6	Town of Carrboro	Medium-term
<b>Public Comments System for Officials</b>	Create a bicyclist-request response system for maintenance needs and other requests and concerns.	Chapter 6	Town of Carrboro†	Medium-term
	Encourage citizens to attend Bicycle Advocacy Group meetings.	Chapter 4	Town of Carrboro†	Short-term
<b>Greenways Master Plan</b>	Develop Design Plans for Morgan Creek and Bolin Creek greenway trails.	Chapter 6	Town of Carrboro; Greenways Commission	Short-term
	On-going review and revision (as necessary) of the greenway sections of the Recreation and Parks Master Plan	Chapter 6	Town of Carrboro; Greenways Commission	Medium-term
<b>Comprehensive Bicycle Plan</b>	Make updates when necessary.	Chapter 6	Town of Carrboro	Short-term
	Completely update Plan within 5-10 years.	Chapter 6	Town of Carrboro	Long-term
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