



## City of Raleigh Bicycle & Pedestrian Advisory Commission

Office of Transportation Planning

P.O. Box 590 • Raleigh, North Carolina 27602 • (919) 516-2155

**Monday, July 16, 2012, 6:00pm**  
**Council Chambers, Raleigh Municipal Building**  
**222 W. Hargett Street, Raleigh NC 27602**

### AGENDA

#### **I. Introductions**

#### **II. Approval of Minutes from June 18, 2012**

#### **III. Public Comments**

This is an opportunity for public comment on items or issues that are otherwise not on the agenda.  
Please limit comments to three minutes per speaker.

#### **IV. Staff Report**

- **City Project Updates**
- **Comprehensive Pedestrian Plan Update**
- **Scoping Ride Update**

#### **V. Committee & Member Reports**

- **Chair's Report**
- **Education Committee**
  - Public School System Coordination
  - Regional Education/Marketing Campaign
  - Bicycle Co-op/Donation Program
- **Planning Committee**
  - Bicycle Plan Action Strategies
  - City Code Evaluation for Bicycles
  - On-road and Greenway Wayfinding
- **Special Events Committee**
  - PNC Arena Coordination
- **Communications Committee**
- **Hillsborough Corridor Ad Hoc Committee**

#### **VI. New Business**

- **Blue Ridge Road District Study** – Presentation by Trisha Hasch and Grant Meacci on the study's findings and recommendations
- **Capital Boulevard Pedestrian Safety Study** – Presentation by Scott Lane on the study's findings and recommendations
- **Pedestrian Circulation Plans** – Discuss the use of pedestrian circulation plans as part of the Draft Unified Development Ordinance (UDO)

#### **VII. Announcements**

- **Upcoming Events** – Please announce any events here
- **Confirmation of Next BPAC meeting** – Tentative: September 17, 2012

#### **VIII. Adjournment**

Follow us:



[Facebook](#)



[@RaleighBPAC](#)

Bike parking is available on Hargett Street in front of the Municipal Building  
Listen in to the meeting at (919) 857-4311 (please mute your phone)



## **DRAFT Meeting Minutes - June 18, 2012**

The City of Raleigh Bicycle & Pedestrian Advisory Commission met on Monday June 18, 2012 at 6:00pm at the Raleigh Municipal Building, 222 West Hargett St., Raleigh, NC, with the following members present:

### **Commission Members:**

Alan Wiggs, Chair  
Charlotte Mitchell, Vice-Chair  
Dr. Linda Butler  
Mike Dayton  
Sig Hutchinson  
Brian McCrodden  
Aaron Peeler  
Steven Waters

### **Staff:**

Eric Lamb, Transportation Planning Manager  
Jennifer Baldwin, Bike/Ped Coordinator  
Fleming El-Amin, Transportation Planner  
Amanda Driscoll, Administrative Support  
Jed Niffenegger, Senior Transportaton Engineer

### **Absent**

Corey Bates (excused)

## **I. Introductions**

Mr. Wiggs called the meeting to order at 6:00pm and asked that everyone introduce themselves.

## **II. Approval of Minutes**

Mr. Peeler moved approval of the meeting minutes from the May 23, 2012 meeting, which was properly seconded by Mr. Waters and approved by unanimous voice vote.

## **III. Public Comment**

Mr. Wiggs opened the floor for public comment. Mr. Timur Ender asked for curb cuts to be installed at the new House Creek Greenway entrance on Glen Eden Road so that cyclists will not have to jump the curb. Mr. Ender requested that wayfinding signage be placed along greenways for cyclists. Mr. Niffenegger reported that the Public Works department is developing a signage program that will be installed throughout the city where streets and greenways intersect. Mr. Ender pointed out the need for a parking lot on Reedy Creek Road at the Umstead Park entrance. Mr. Ender asked if sharrows were could be installed on Nazareth Street. Mr. Niffenegger reported that the NCDOT resurfacing project will not include sharrows, but the City of Raleigh will put sharrows in place. Mr. Ender also requested a crosswalk on Lake Boone Trail between Fire Station 14 and Blue Ridge Road. Mr. Ender stated the need for additional crosswalk improvements on Gorman Street at the Walnut Creek Greenway crossing.

Mr. Joe Johnson shared a recent encounter with a pedestrian on Atlantic Street and emphasized the importance of educating pedestrians on their safety and visibility.

Mr. Rob Loomis also commented on the need for curb cuts on Glen Eden Road. Mr. Loomis stated that when using the Hillsborough Street bike lanes he feels funneled into the right hand turn lane. Mr. Niffenegger reported there is a fix coming as part of a project removing one of the lanes in the roundabout at Hillsborough and Pullen. Mr. Niffenegger also stated that on-street parking will also help to dissipate the problem.

## **IV. New Business**

1) S. Wilmington Street/Chapanoke Road Concerns - Mr. Niffenegger reported on the South Wilmington Street and Chapanoke Road intersection. He stated that the intersection is maintained by NCDOT and that the City of Raleigh has met with NCDOT to discuss crash data and spot

safety program. Mr. Niffenegger stated NCDOT is going to work to address the problems in this area, but could not give a specific date. He also stated that NCDOT will not install crosswalks at intersections that do not have sidewalk-to-sidewalk connectivity. Mr. Anthony McLeod asked if it was possible to get sidewalks. Mr. Lamb reported that the city is working on a Citywide Comprehensive Pedestrian Plan to identify and prioritize projects. He also stated that the South Wilmington Street and Chapanoke Road intersection will be included in the South Saunders/Wilmington Street Corridor Study, which will kickoff in October 2012. Mr. Lamb also reported that the city maintains the bus stops; there are many bus stops in this area that need to be upgraded that will be evaluated in the corridor study. Mr. McLeod asked how soon the project would be implemented. Mr. Lamb reported that funds are not available currently, but a meeting with council will happen this summer to discuss to determine funding and prioritization for all transportation projects.

#### **V. Special Presentation - RGreenway**

Ms. Lorena Akin gave a presentation of RGreenway, a smartphone application to connect people using Raleigh greenways. Ms. Akin stated that the application will feature points of interest, parking lots, events, weather, and a “see, click, fix” feature with the possibility of having kiosks for people who do not have a smartphone. Ms. Akin stated the RGreenway developers would like to schedule a meeting to further discuss the project in July. Ms. Baldwin stated that she would send out an email with potential dates. Mr. Hutchinson applauded the RGreenway team and expressed interest in including bike lanes into the application. Mr. Hutchinson also inquired if the developers had thought to correspond with other social media sites such as Meetup. Ms. Traci Tillis, of RGreenway, stated that they have a Facebook page and are working to integrate with foursquare. Mr. Lamb stated that the City has been awarded a grant to develop a new bike map application for streets. He inquired if RGreenway would be interested in integrating streets and bike lanes as part of their application, and whether the project could expand to show infrastructure in other communities.

#### **V. Staff Report**

1) City Project Review - Ms. Baldwin reported that all city projects are up to date. She stated that New Bern Ave. has been added to the list from Person Street. to Raleigh Blvd. and will be restriped with bike lanes as part of a resurfacing project. Ms. Baldwin stated that there will be the bike lanes on Gorman St. between Avent Ferry Rd. and Tryon Road with improvements made to pedestrian crossings per the Bike Plan. She also reported that wide outside lanes will be installed along Western Blvd. between Hunt St. and Person St. Ms. Baldwin reported July 7, July 14, and July 21 have been selected as dates for scoping rides and that they will begin at 7:00am. She stated that she will review current CMAQ projects and compile a list to be distributed to the commission to determine where the scoping rides will take place.

2) Comprehensive Pedestrian Plan - Mr. El-Amin reported on the pedestrian plan, stating that the draft study is almost complete..

#### **VII. Committee & Members Report**

Chair’s Report – Mr. Wiggs gave a report on his trip to Portland, OR in March. Mr. Wiggs shared photos of Portland’s bike infrastructure including bike lanes, bike boxes, and various types of bike parking in the area.

Education Committee Report - Mr. McCrodden reported that July 3<sup>rd</sup> has been selected date in which 30 Wake County Public School teachers will receive bicycle safety training for the driver’s education program. He stated that there will be another training held in August for traditional school teachers. Ms. Baldwin reported that the Watch for Me campaign will kick off on August 1<sup>st</sup>. Dr. Butler suggested tying in the Watch for Me NC campaign into the RGreenway application. Mr. Rob Loomis asked for a report about the co-op funding. Dr. Butler reported that

Durham has seen a downward spiral in funding for bike co-op. She stated that Triangle Transit would need to see a business plan in order for a bike co-op to use their property. Ms. Baldwin reported that Capital Area Transit now has an audible signal to alert pedestrians when buses are turning.

Planning Committee Report - Mr. Wiggs announced that the Committee's comments on the Draft Unified Development Ordinance have been finalized and will be given to City staff. Mr. Wiggs reported the Planning Committee will be reviewing the City Code and will be seeking input from the Raleigh Police Department and the Street Maintenance division. Mr. Lamb suggested the committee include the city's attorney's office in their discussions

Special Events Committee - Ms. Mitchell stated there was no report.

Communication Committee - Mr. Dayton reported the committee attended the unveiling of the RaleighRacks on June 1. Ms. Baldwin stated the racks will be donated as public art through the Raleigh Arts Commission so there are no issues with the racks being placed in the public right-of-way. She indicated that another ceremony will be held to honor the developers when the racks have been installed. Mr. Dayton reported he had attended the Mordecai CAC meeting where residents expressed interest in having bike parking in the North Person Street business area.

Hillsborough Street Corridor Ad Hoc Committee - Mr. Dayton reported the bike lanes have been installed between Oberlin and Morgan and that positive feedback has been received from the community. Mr. Lamb reported that changes are being made to the roundabout on Hillsborough Street, reducing it to one lane. He stated that this will allow for a change in lane size and pedestrian crosswalk width.

### **VIII. New Business**

2) Ms. Baldwin reported on the NDOT Division 5 Safe Routes to School Proposal stating federal funding is available for the partnership of Wake County School System and the municipality to improve the bicycle and pedestrian infrastructure for Leesville Elementary School and Leesville Park on Country Trail. Mr. Waters moved to endorse the proposed Leesville Safe Routes to School application, which was properly seconded by Mr. Hutchinson and approved by unanimous voice vote.

### **IX. Announcements**

Ms. Baldwin announced that the Tour De Fat is coming to Durham and that they are still looking for volunteers.

### **X. Adjournment**

With no further business, the meeting was adjourned at 7:56pm.

Respectfully Submitted,  
Amanda Driscoll

Name	Description	Status
<b>Major City Capital Improvement Projects</b>		
Jones Sausage Road Widening	Widen street to five lanes with curb & gutter and sidewalks from Sunnybrook Road to New Hope Road (1.4 miles)	Under construction; to be complete by August 2012
Rock Quarry Road Widening, Part B	Widen street to four lanes with curb & gutter, sidewalks, wide outside lanes, and median refuges from Sunnybrook Road to New Hope Road (0.9 miles)	Under construction; to be complete by August 2012
Falls of Neuse Road Widening & Realignment	Widen street to four lanes and construct new four-lane street with curb & gutter, sidewalks, wide outside lanes, and median refuges from Raven Ridge Road to New Falls of Neuse Road (2.1 miles)	Under construction; Phase I complete; Phase II 35% complete.
Wade Avenue Improvement Project	Adding curb & gutter, sidewalks, wide outside lanes, and median refuges from Ridge Road to Faircloth Street	Under construction; to be complete by August 2012
Mitchell Mill Road Widening	Widen street to four lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from US 401 to Watkins Road (1.4 miles)	90% design complete; project suspended due to lack of funds
Buck Jones Road Widening	Widen street to four lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from Farmgate Road to Xebec Way (1.4 miles)	65% design complete; construction delayed until 2015
Leesville Road Widening	Widen street to four lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from I-540 to New Leesville Boulevard	Scheduled to begin construction November 2012
Marvino Lane	New alignment as a 3-lane section with curb & gutter and sidewalk on the west side	85% design complete; Scheduled for public bid Spring 2012
Peace Street West Streetscape	Roadway improvements, sidewalk repairs/replacement; street trees, utility cleanup	75% design complete; schedule pending decision on remaining funds
Capital Boulevard Improvements	Improve Capital Blvd from Spring Forest Road to Old Wake Forest Road for multimodal accessibility. Funded for Preliminary Engineering and Design only.	Agreement with NCDOT for design and P/E is pending
<b>Transportation Plans</b>		
Capital Boulevard Corridor Study	Long range multimodal transportation study from Lane Street to I-440	Under review by City Council
Comprehensive Pedestrian Plan	Comprehensive analysis of pedestrian needs and demand including updated assessment inventory and prioritized project list.	Final draft being finalized; public review to begin in September 2012
Blue Ridge Road Corridor Study	Long range multimodal transportation and land use study from Edwards Mill Road to Western Blvd.	Final report will be open for public comments late July 2012
Blount/Person Corridor Study	Long range multimodal transportation study and streetscape plan from I-40 to Capital Blvd.	Consultant selected, currently negotiating contract.
West Street Extension Study	NEPA study for proposed West Street Extension from Martin Street to Cabarrus Street	Consultant selected, currently negotiating contract.
<b>Neighborhood Traffic Calming Program</b>		
Anderson Drive	Glenwood Ave to Six Forks Rd -Add Bike Lanes, realign intersection at Six Forks Rd	Under construction, scheduled to be complete by Fall 2012
Brookside Drive	Watauga St. to Glasscock St - Add bike lanes, median islands, curb ext and bulb-outs	Design approved and adopted by City Council on June 5; Construction estimated to begin Summer 2013
Kaplan Drive	Melbourne Rd to Kent Rd Add bike lanes, sidewalks, curb ext, bulb-outs, median islands, and speed humps	Design approved and adopted by City Council on June 5; Construction estimated to begin Summer 2013
Glascock Street	Norris Street to Raleigh Blvd, Scope TBD	Planning is underway
Rainwater Road	Spring Forest Rd to Hunting Ridge Rd - Scope TBD	Planning is underway

Name	Description	Status
<b>Bicycle Projects</b>		
<b>STP-DA Grant Projects - FFY11 (Approved Projects)</b>		
	Hargett Street (S. West St to Tarboro Rd)	Construction to be complete by Fall 2012
	S. State Street (Bragg Street to MLK Blvd)	Construction to be complete by Fall 2012
	Clark Avenue (Faircloth St to St. Mary's St)	Construction to be complete by Fall 2012
	Faircloth Street (Hillsborough St to Wade Ave)	Construction to be complete by Fall 2012
	Oberlin Road (Hillsborough St to Glenwood Ave)	Construction to be complete by Fall 2012
	Lassiter Mill Rd (Glenwood Ave to Camelot Dr)	Construction to be complete by Fall 2012
<b>City CIP Projects - FY11</b>		
	Cabarrus Street (Boylan Ave to Chavis Way)	Under design
	Durant Rd (Falls of Neuse Rd to Capital Blvd)	Under design
	Spring Forest Road (Sandy Forks Rd to Atlantic Ave)	Under design
	Creedmoor Road (Lynn Rd to I-540)	Under design
	E. Millbrook Road (Falls of Neuse to Capital Blvd)	Under design
	Wakefield Plantation Drive (Falls of Neuse to NC 98 Bypass)	Under design
	Edwards Mill Rd/Creedmoor Rd (Blue Ridge Rd to Glenwood Ave)	Under design
	Glen Eden Drive (Glenwood Ave to Edwards Mill Rd)	Under design
	Wilmington Street/Salisbury Street (Peace St to MLK Blvd)	Under design
<b>CMAQ Grant Projects FFY13</b>	Bicycle Plan Prioritization List (3 year disbursement 2013-2015)	Project list under review
<b>City Resurfacing Program</b>		
	Hillsborough St (Oberlin to Morgan)	Complete
	Brooks Avenue (Wade to Hillsborough St)	Complete
	Pullen Road (Watauga Club to Western Blvd)	Under construction; to be complete by August 2012
	St. Mary's St (Wade Ave to Harvey St)	Complete
<b>NCDOT Resurfacing Program</b>	Resurface NCDOT streets and restripe per the Bike Plan	
	Western Boulevard (Hunt Dr to Person St)	Under design
	Gorman Street (Avent Ferry Road to Tryon Rd)	Under design
	New Bern Avenue (N Person Street to Raleigh Blvd)	Under design

Name	Description	Status
<b>Sidewalk and Pedestrian Improvement Projects</b>		
<b>Petition Projects</b>	Sidewalk Projects initiated by citizen petitions	
	Merwin Dr (Swift Dr to Liles Dr)	Design complete; construction in Summer 2012
	Brooks Avenue (Barmettler St to Wade Ave)	In design, 90% complete
<b>STP-DA Grant Projects - FY11</b>		
	Falls of Neuse Rd/Wake Forest Rd (Hardimont Rd to Bland Rd/Pacific Dr)	Construction to be complete by Fall 2012
	Lake Boone Trail (I-440 to Dixie Trail)	Construction to be complete by Fall 2012
	Poole Rd (Sunnybrook Rd to Old Poole Rd)	Construction to be complete by Fall 2012
	Calvary Dr (Green Rd to Capital Blvd)	Construction to be complete by Fall 2012
	Wade Ave (Dogwood Ln to Hymettus Ct)	Construction to be complete by Fall 2012
	Fox Rd (Werribee Dr to I-540 Bridge)	Construction to be complete by Fall 2012
	New Hope Church Rd (Green Rd to Ingram Dr)	Construction to be complete by Fall 2012
<b>STP-DA Grant Projects - FFY12</b>		
	Creedmoor Road (Glenwood Ave to Strickland Rd)	Construction to be complete by Fall 2012
	Lake Wheeler Road (Centennial Parkway to Tryon Rd)	Construction to be complete by Fall 2012
<b>STP-DA Grant Projects - FFY13</b>		
	Downtown Pedestrian Safety Improvements (Design and install pedestrian signals at several downtown intersections)	Agreement with NCDOT for design and P/E is pending
<b>CMAQ Grant Projects</b>		
	Overpass Pedestrian Accessibility Retrofit Project - (Avent Ferry Rd, Lake Dam Rd, Trailwood Dr, Rock Quarry Rd, Trenton Rd and Blue Ridge Rd)	Agreement with NCDOT pending; Feasibility study to begin October 2013
	Six Forks Rd Sidewalk Project (Coleridge Dr to Wake Forest Rd)	Agreement with NCDOT pending; Design to begin October 2013
<b>Greenway Improvement Projects</b>		
SEHSR Greenway Options	Assess possible parallel greenway and bicycle corridors along High Speed Rail project corridor from Neuse River Greenway to Downtown Raleigh	OTP staff to work with Parks & Rec staff to identify potential alternatives; NC ECG to organize special committee to discuss route from VA border to
Neuse River Trail	Construct new greenway from the WRAL Soccer Complex off Perry Creek Rd. to the Wake/Johnston County Line - 21.5 miles in length.	
River Bend	From the WRAL Soccer Complex to US 401 south of Horsehoe Farm Park - 1 mile.	In design; bids are expected to be advertised by Spring 2012.
Horseshoe Farm Park to Skycrest Dr	From US 401 south of Horseshoe Farm Park to Skycrest Drive - 7 miles. Project includes three bridges over the Neuse River.	Under construction; expected to be complete by Fall 2012.
Skycrest Dr to Anderson Point	From Skycrest Drive to Anderson Point Park - 3.5 miles. Project includes the construction of three bridges over the Neuse River.	Under construction; expected to be complete by Fall 2012.
Anderson Point to Poole Rd	From Anderson Point Park to Poole Road - 1.2 miles. Project includes construction of a bridge over Crabtree Creek.	Construction will begin in March 2012; complete by early 2013.
Poole Rd. to Auburn-Knightdale Rd.	From Poole Road to Auburn-Knightdale Road - 3.0 miles. Project includes construction of several bridges, including a crossing at Walnut Creek.	Under construction; expected to be complete by Fall 2012.
Auburn-Knightdale Rd. to Johnston County line	From Auburn-Knightdale Road to the Johnston County Line - 5.7 miles. Project includes construction of several bridges.	Under construction; expected to be complete by Fall 2012.

Name	Description	Status
House Creek Trail	From Reedy Creek Greenway at I-440 to the Crabtree Creek Trail at Blue Ridge Road - 2.9 miles. Project includes underpasses under Lake Boone Trail and Glen Eden Drive.	Under construction; expected to be complete by Sept 2012.
Honeycutt Creek Trail	From the Mine Creek Greenway Corridor to the South Shore Trail at Falls Lake - 5.7 miles.	In design
Walnut Creek Trail Extension	From Rose Lane to New Hope Road - 2.9 miles	In design
Walnut Creek Trail Extension	From New Hope Road to the Neuse River Trail - 1.6 miles.	In design
Crabtree Creek Trail Extension	Extends from Milburnie Road to the Neuse River Trail and is approximately 4.1 miles long.	In design