

Monday, April 21, 2014, 6:00pm
Council Chambers, Raleigh Municipal Building
222 W. Hargett Street, Raleigh NC 27602

AGENDA

I. Introductions

II. Approval of Minutes from March 17, 2014 and March 27, 2014

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

- BPAC Bylaws Review
- City Project Updates
- 2014 BikeRaleigh Events

VI. Committee & Member Reports

- **Chair's Report**
- **Community Outreach Committee**
 - Anti-Speeding Campaign/Watch for Me, NC
 - BikeRaleigh Mobile App Development
 - Let's Go NC! Review
- **Bicycle Planning Committee**
 - Bicycle Design Standards
 - On-road and Greenway Wayfinding
 - Bicycle Plan Implementation Public Outreach
 - PNC Arena Coordination
 - Bicycle Pavement Marking Project Coordination
 - Dixie Trail from Wade Ave to Lake Boone Trail Bicycle Project
- **Pedestrian Planning Committee**
 - WalkRaleigh Implementation
 - City Code Evaluation for Pedestrians
- **Joint Bicycle & Pedestrian Planning Committee Items**
 - Parks & Recreation System Plan Update
 - Art to the Heart Corridor

VII. New Business

- **Work Plan Review** – Review FY2014 work plan and develop FY2015 priorities

VIII. Announcements

- **Upcoming Events** – Please announce any events here
- **2014 Triangle Bike/Ped Workshop** – Friday, May 2, 8am to Noon at The Cary (122 E. Chatham St)
- **Confirmation of Next BPAC meeting** – Monday, May 19, 2014

IX. Adjournment



DRAFT Meeting Minutes – March 17, 2014

The City of Raleigh Bicycle & Pedestrian Advisory Commission met on Monday, March 17, 2014 at 6:00 p.m. 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
Corey Bates
Mike Dayton
Sig Hutchinson
Aaron Peeler
Amy Simes

Staff:

Eric Lamb, Transportation Planning Manager
Jennifer Baldwin, Bike/Ped Coordinator
Amanda Driscoll, Administrative Support
Chris Johnson, Design/Construction Manager
Cassie Schumacher-Georgopoulos, Senior Planner
Todd Milam, Greenway Planner

Guests

Dr. Bastian Shroeder, ITRE

I. Introductions

Mr. Wiggs called the meeting to order at 6:04 p.m. and asked everyone to introduce themselves.

Mr. Wiggs moved the Sandy Forks Project discussion to the Special Presentation portion of the agenda.

II. Approval of Minutes

Ms. Mitchell moved for approval of the minutes from the February 7, 2014 meeting which was properly seconded by Mr. Hutchinson and approved by unanimous voice vote.

III. Public Comments

Mr. Hutchinson introduced an idea of linking the Downtown Raleigh Plan with the Bicycle Plan update and the Art to Heart Corridor stating that this would be an opportunity to interface Art to Heart with the rest of downtown. He stated it will be important to identify a corridor that provides connections to popular destinations located downtown. Mr. Wiggs stated no further action would be needed at this time.

Mr. Bates that the Raleigh Historic District Commission's mobile application is now up and running and can be found on any smartphone's application store. Mr. Bates also requested an update from RPD at an upcoming meeting.

Mr. Wiggs stated that RPD places abandoned vehicle stickers on bicycles and was interested to know if there was a report available.

IV. Special Presentations

System Plan Update: Ms. Cassie Schumacher-Georgopoulos reviewed the System Plan Update public meeting schedule. She stated that over 4,000 citizens have already participated in the public comment period, including 350 that participated in focus groups.

Roundabout Design: Dr. Bastian Shroeder, Institute for Transportation Research and Education, provided a presentation about the characteristics of roundabouts and their safety benefits such as slower speeds, fewer conflict points, shorter crossing distances and only crossing one direction of travel at a time. Dr. Shroeder added there is a lower yielding rate for pedestrians at the exit of a roundabout. Mr. Lamb stated that the roundabout located in downtown Asheville sees similar backups like the roundabout located on Hillsborough Street in Raleigh during peak hours. Mr. David Hall asked if there were more or less conflicts between pedestrians and cyclists at bike ramps on sidewalks. Dr. Shroeder stated that no specific research has been completed for pedestrian and bicycle conflicts.

Sandy Forks Road Project Review: Mr. Chris Johnson, Public Works Design/Construction Manager, reviewed the plans for the Sandy Forks Road improvement project. Mr. Johnson stated that the project is fully funded for construction by the 2013 Transportation Bond. He provided a rendering of the improvements that will be made to various sections of the street including a three-lane section, six foot wide shoulders, bike lanes and sidewalks, two-lane intersections with a median and a bio-retention pond to be added to a vacant parcel. Mr. Wiggs expressed concern about the location of the CAT bus stop location on Falls of the Neuse Road near its intersection with Sandy Forks Road.

V. Staff Report

City Project Updates: Mr. Lamb stated that the Marvino Lane project has been completed. He stated that the Hillsborough Street Phase II Meeting will be held on March 18. He added that the Milburnie Road Streetscape project has been deferred to the Public Works Committee. Mr. Lamb stated that the Walnut Creek Greenway Trail Extension has been completed.

2014 Bike Raleigh Events: Ms. Baldwin announced that the 2014 Oaks and Spokes Festival will include a #BikeRaleigh Forum on April 10 at 6 p.m. Ms. Baldwin stated that staff's goal is to have the BikeRaleigh blog live on May 1 to kick off Bike Month.

VI. Committee & Member Reports

Chair's Report: No report.

Community Outreach Committee Report: Mr. Dayton reported that the committee discussed bike month events and stated that the BPAC will host a Tuesday night Benelux Ride and Mr. Dayton will lead the Neuse River Ride. Mr. Dayton stated that the committee also discussed the purpose of the BikeRaleigh mobile app and the importance of it coordinating with other existing apps.

Bicycle Planning Committee Report: Mr. Hutchinson stated that the committee has worked on coordination with Todd at PNC Arena and is making progress.

Pedestrian Planning Committee Report: Mr. Peeler reported that the committee met and discussed topics for the committee to tackle of the next few months.

Joint Bicycle & Pedestrian Planning Committee: Mr. Hutchinson reported that the Art to the Heart Corridor is moving forward and will be scheduling a ride to determine placement of the wayfinding signage.

VII. New Business

2014 Resurfacing Projects: Ms. Baldwin gave an overview of the streets within the City's 2014 resurfacing program that would include restriping for bike infrastructure. Mr. Wiggs requested that the full street resurfacing project list be made available to the commission.

VIII. Announcements

Mr. Wiggs announced that there will be a Special BPAC Meeting held at Thursday March 27 to discuss the Bicycle Pavement Marking Projects that may include parking impacts.

IX. Adjournment

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

Respectfully Submitted,

Amanda Driscoll

DRAFT Special Meeting Minutes – March 27, 2014

The City of Raleigh Bicycle & Pedestrian Advisory Commission met on Thursday, March 27, 2014 at 6:00 p.m. 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
Corey Bates
Mike Dayton
Sig Hutchinson
Amy Simes

Staff:

Eric Lamb, Transportation Planning Manager
Jennifer Baldwin, Bike/Ped Coordinator
Amanda Driscoll, Administrative Support
Mike Kennon, Transportation Operations Manager
Jed Niffenegger, Senior Transportation Engineer
Rebecca Duffy, Transportation Engineer

Excused:

Dr. Linda Butler
Aaron Peeler

I. Introductions

Mr. Wiggs called the meeting to order at 6:06 p.m. and asked everyone to introduce themselves.

II. Bicycle Pavement Marking Project Coordination

Ms. Baldwin gave a presentation about the background of the Bicycle Pavement Marking Design Project. She stated that the city received a \$1.1-million grant to provide 27 miles for bicycle facilities. Ms. Baldwin reviewed the public meeting schedule and how the meetings were advertised to residents. She provided an explanation of what shared lane markings and bicycle lanes are and how each project was selected. Ms. Baldwin reviewed staff recommendations for each project and gave an overview of the areas of concerns raised by the public regarding these projects.

Mr. Hutchinson stated that he appreciates the public's attendance. He added that the efforts of the BPAC and City Council are to provide safe bicycle and pedestrian facilities and emphasized the importance of providing multi-modal transportation.

Ms. Baldwin recognized staff members Mike Kennon, Rebecca Duffy, and Jed Niffenegger for their work on the project.

Athens Drive:

Ms. Joselle Torres, 1509 Huntington Drive stated that Athens Drive is a big connector for transit, Athens Drive High School and Library, Lake Johnson and connects to Cary. She added Athens Drive is not wide enough for sharrows and should be a wider connector for cyclists. Ms. Torres proposed bike lanes for Gorman Street and voted to maintain existing parking and install sharrows.

Mr. Dayton made a motion to endorse staff recommendation to maintain existing on-street parking along both sides of the street and install shared lane markings along both sides of the street, which was properly seconded by Mr. Hutchinson, and approved by unanimous voice vote.

Crest Road:

No public comments were received. Mr. Bates noted the staff recommendation to incorporate the project into a future Neighborhood Streetscape Project since Crest Road currently ranks 4th on the Council-adopted Neighborhood Streetscape Priority List. Mr. Wiggs made a motion to accept staff recommendations which was properly seconded by Mr. Bates and approved by unanimous voice vote.

Dixie Trail (Wade Avenue to Hillsborough Street):

Mr. David Hall, 2324 Sheffield Road, stated that he frequently uses Dixie Trail for commuting. He stated that using parking as traffic calming puts cyclists at risk because they have to take the lane. Mr. Hall added that sharrows are not the best option and that staff needs to take a look at traffic speed and volume. He stated that it cannot be assumed that cyclists are brave enough to take the lane.

Mr. Sam Bennett, 1535 Caraleigh Mills Road, stated that he travels Dixie Trail with his child on his bike. He stated that having a travel lane for cyclists would be beneficial.

Mr. Richard Stradling, 508 Dixie Trail, stated that he appreciates the change to the staff recommendation.

Mr. Ted Mooney, 305 Dixie Trail, stated that he lives across the street from Forest Hills Church and expressed the importance of the church maintaining its on-street parking. He added that the removal of on-street parking creates a drag strip on Dixie Trail.

Mr. Al Ripley, 8 Dixie Trail, concurs with other residents about speeding along Dixie Trail. He added he enjoys cycling but needs on-street parking along Dixie Trail. He stated that it is a good plan to accommodate all concerns expressed.

Ms. Christina Rodriguez stated that on-street parking is important for Dixie Trail. She added that she would like to have an uphill climbing lane for safety.

Mr. Jim Merchant, 705 Dixie Trail, stated that he commutes by bike and has been hit by a car before, but has never felt unsafe cycling on Dixie Trail with on-street parking.

Mr. Dave Groening, 22 Dixie Trail, stated that on-street parking is needed on Dixie Trail.

Ms. Linda Hyman, 112 Dixie Trail, stated that bike lanes are in conflict with traffic calming. She added that Dixie Trail is densely populated area with very little parking available. Ms. Hyman stated that the neighborhood is accustomed to cyclists due to its vicinity to NCSU and that on-street parking is needed for churches in the area.

Mr. Bates made a motion to endorse staff recommendation to maintain existing on-street parking along both sides of the street and install a climbing bicycle lane along the uphill portions of the street and shared lane markings on the downhill side which was properly seconded by Mr. Hutchinson and approved by unanimous voice vote.

Dixie Trail (Lake Boone Trail to Wade Avenue)

Mr. Jim Greg requested that staff re-evaluate the extremely hilly section of Dixie Trail. He stated that while he appreciates the efforts, staff is not considering the topography.

Ms. Carolyn Penny, 1308 Dixie Trail, stated that she is concerned that restricting parking on Dixie Trail will cause vehicles to speed.

Mr. Pete Wood, 1322 Dixie Trail, supports staff recommendations to install shared lane markings along both sides. Maintain existing on-street parking restrictions from 7am-9am and 4pm-6pm.

Bishop Josh Upham, St. George's Anglican Church, thanked staff for their recommendations and urged the BPAC to endorse them.

Mr. Sam Bennett stated that this stretch of road that has a turning lane with little parking is dangerous to cyclists.

Mr. Kevin Cummings, 1432 Dixie Trail, stated that he is concerned with speeding traffic and believes that sharrows will help slow traffic down.

Ms. Christina Rodriguez stated that a designated bike lane is important for cyclists. She added that the traffic at the light at Dixie Trail and Wade Avenue backs up frequently and a bike lane would provide a safe haven since cars cannot turn right.

Mr. David Hall stated that no drivers are happy to follow cyclists climbing uphill. He stated buffered bike lanes are safer for cyclists and also provide drivers with a better view of pedestrians.

Mr. Bill Padgett, 1213 Dixie Trail, stated that Glen Eden Drive and Dixie Trail need on-street parking due to lack of available parking on property. He added that residents first heard of the meeting only nine days prior to the meeting. He stated that he supports staff recommendations.

Mr. Lee Baker, 2230 Dixie Trail, stated that there are no sidewalks for guests to use. He added that the center turn lane is needed to safely get in and out of driveway.

Ms. Bett Padgett, 1213 Dixie Trail, stated that she supports staff recommendation for the installation of sharrows and that having bike lanes with restricted parking would create a hardship for residents.

Ms. Baldwin stated that there is not enough pavement width to get climbing lanes on this section of Dixie Trail and retain the existing lane configuration.

Mr. Bates stated a preference to hold the project at the table until further study has been conducted. Ms. Baldwin noted that due to the schedule associated with the grant funding, deferral of the project may result in removing the project from this funding package.

Mr. Dayton stated that a better experience is needed for both bikes and vehicles on Dixie Trail. He added it would not be appropriate to go forward with the project if the facility does not provide safe cycling conditions.

Ms. Simes inquired if this project was eligible to become a neighborhood streetscape project. Mr. Lamb stated that this project is not eligible to be a neighborhood streetscape/traffic calming project as the policy is currently written.

Mr. Dayton made a motion to table consideration of this portion of Dixie Trail pending further research by staff, which was properly seconded by Mr. Bates. Mr. Wiggs requested additional information regarding the potential for a new stop sign at Dixie Trail/Churchill Rd., removal of the center turn lane, removal of on-street parking on one side of the street, and installation of a bike box at Dixie Trail/Wade Ave. Mr. Hutchinson requested that additional public outreach be included as part of this work. Mr. Wiggs ruled the motion adopted by unanimous voice vote.

Glen Eden Drive

Mr. Joseph Hall, 606 Glen Eden Drive, stated his concerns about restricting parking along Glen Eden Drive relative to his experience with the bike lanes on Ridge Road at Highland Methodist Church. He indicated he was comfortable with the current staff recommendation not to restrict parking on this portion of Glen Eden Drive.

Mr. Steve Hulme, 802 Glen Eden Drive, stated that he a frequent bike rider, but removing on-street parking would greatly impact residents. He added that he supports staff recommendation or to leave the street as is with no new markings.

Mr. Roger Lewis, 808 Glen Eden Drive, stated that it would be a hardship to remove on-street parking. He stated that he would like to see the BPAC endorse the staff recommendation.

Ms. Joselle Torres stated that the installation of bike lanes do not make an area less residential in character.

Mr. Bill Padgett stated that he supports the installation of sharrows on Glen Eden Drive.

Mr. Bates made a motion to endorse staff's recommendation to maintain existing on-street parking along both sides of the street and install a bicycle lane along the uphill portions and shared lane markings on the downhill side, which was properly seconded by Ms. Mitchell and approved by unanimous voice vote.

Gorman Street

Mr. Brandon Casper, 1814 Wilshire Avenue, stated that Gorman Street is a great connector but is mostly uphill. He stated that a buffered bike lane is needed for slower moving bicycle traffic.

Mr. David Hall stated that Gorman Street is a great opportunity for bike lanes due to its proximity to campus and that a protected facility is a great option.

Mr. Bates reviewed the staff recommendation to restrict on-street parking on both sides of Gorman Street between Kaplan Drive and Marcom Street and install bicycle lanes along both sides of the street. He also noted that this treatment would extend the existing bike lanes previously installed south of Kaplan Drive and connect to Avent Ferry Road.

Ms. Mitchell made a motion to endorse staff's recommendation, which was properly seconded by Mr. Bates and approved by unanimous voice vote.

North Hills Drive (Lynn Road to Millbrook Road)

Mr. Lawrence Marks, 4901 North Hills Drive, stated that the installation of bike lanes here creates a redundancy with the Mine Shaft greenway. He added that North Hills Drive is full of steep hills that would disserve cyclists. Mr. Marks stated that there are over 7,000 cars that drive on North Hills Drive a day.

Mr. Sam Bennett stated that he gives great credit to the city for its great greenway system, but noted that greenways are not used for commuting purposes because they can be full of debris.

Mr. Steve Hulme stated that the connectivity situation is similar to Glen Eden Drive and that North Hills Drive is extremely dangerous. He added that it would be foolish to put bike lanes where no bikes would want to go. Mr. Hulme suggested that there are better alternatives.

Mr. Wiggs made a motion to endorse staff's recommendation to maintain on-street parking on both sides and add striped bicycle lanes, which was properly seconded by Ms. Mitchell and approved by unanimous voice vote.

North Hills Drive (Millbrook Road to Lead Mine Road)

Ms. Dee Kazersack, member of the board of directors of North Hills Country Club, 4905 North Hills Drive, stated that the country club promotes many activities for children and its members in which on-street parking is needed.

Mr. Lawrence Marks reiterated his previous comments. He noted that "Access 18" to the greenway is used by people outside of the neighborhood, which generates on-street parking demand. He also noted overflow parking from the adjacent multifamily developments that also require on-street parking. He noted the need for care in the design of the intersection at Northbrook Road, specifically with respect to heavy northbound right turns.

Mr. Wiggs asked staff to look at measures to protect cyclists at both greenway crossings along North Hills Drive where the new pedestrian refuges have been installed. Mr. Wiggs moved to endorse the staff recommendation to maintain existing on-street parking along both sides of the street and install a climbing bicycle lane along the uphill portions of the street and shared lane markings on the downhill side which was properly seconded by Mr. Dayton and approved by unanimous voice vote.

Sawmill Road

Mr. James Deal, 501 Sawmill Road, stated that he is concerned with the loss of on-street parking and is pleased with staff's recommendation.

Mr. Paul Nevill, 8301 Old Well Lane, stated that he appreciated the recommendation, but that he is concerned about the width of the street and if it can be engineered sufficiently to make everyone happy.

Mr. Evan Brigham, 1225 Duplin Road, stated that it is important to think about the safety of a facility. He asked if there is a maximum speed limit for roads with sharrows. Mr. Lamb stated that shared use arrows cannot be utilized on streets posted above 35 MPH.

Mr. Wiggs made a motion to endorse staff recommendations to maintain existing on-street parking along both sides of the street and install a climbing bicycle lane along the uphill portions of the street and shared lane markings on the downhill side which was properly seconded by Mr. Dayton and approved by unanimous voice vote.

Wakefield Plantation

No public comments were received. Mr. Wiggs made a motion to endorse staff recommendations for Wakefield Plantation from Old Falls of Neuse Road to Carriage Oaks to maintain existing on-street parking and install shared lane markings in the eastbound lane and restrict on-street parking and install buffered bicycle lanes in the westbound lane.. Mr. Hutchinson properly seconded the motion which was approved by unanimous voice vote.

Mr. Wiggs made a motion to endorse staff recommendations for Wakefield Plantation from Carriage Oaks to Forest Pines Drive restrict on-street parking along both sides of the roadway and install buffered bicycle lanes along both sides of the street. Mr. Hutchinson properly seconded the motion which was approved by unanimous voice vote.

Mr. Wiggs announced that the next BPAC meeting will be on April 21 at 6 p.m. in the Council Chamber.

Ms. Baldwin announced that the design and review of all projects will be April 23 at 6 p.m. at the Five Points Center for Active Adults located at 2000 Noble Road. She stated that the entire list of projects will be presented to City Council in May or June.

IX. Adjournment

With no further business, the meeting was adjourned at 8:05 p.m.

Respectfully Submitted,

Amanda Driscoll

Bylaws

RALEIGH BICYCLE & PEDESTRIAN ADVISORY COMMISSION

ARTICLE I

NAME

The name of this organization shall be the Raleigh Bicycle & Pedestrian Advisory Commission, hereinafter referred to as the Commission.

ARTICLE II

OBJECT AND PURPOSE

The object and purpose of the Commission shall be to advise the Raleigh City Council (the "City Council") on all matters related to bicycle and pedestrian activities and accommodation within the City of Raleigh (the "City"). The Commission will be responsible for making recommendations to the City Council on the implementation of relevant programs, policies, regulations, and funding priorities regarding cyclist and pedestrian access and accommodation. The Commission shall also promote bicycling and walking as viable and safe transportation alternatives and shall serve as an ambassador for the City in this regard.

ARTICLE III

POWERS

The Commission shall have the following specific powers and duties:

- 1) To advise the City Council on cycling and pedestrian issues;
- 2) To educate and inform the public and local officials on cycling and pedestrian issues;
- 3) To perform special studies and projects as requested by the City Council on cycling and pedestrian issues, including reviewing development plans and site plans which will have a significant impact on bicycle and pedestrian transportation;
- 4) To facilitate citizen participation in local governments' consideration of matters involving cyclist and pedestrian issues;
- 5) To evaluate current or proposed laws, regulations, and best practices concerning cycling and pedestrian issues and to advise the City Council with respect to necessary amendments to such laws, regulations and practices;
- 6) To promote intergovernmental and public/private cooperation and coordination on cycling and pedestrian matters;
- 7) To advise the public and the City Council on matters affecting the relationship between bicycle and pedestrian transportation and parks, schools, transit stops, greenways, and other major facilities and destinations; and,
- 8) To perform other such duties as may be assigned to it by the City Council.

ARTICLE IV
ORGANIZATION OF THE COMMISSION

Section 1. Membership.

The Commission shall consist of not more than ten (10) members appointed by the City Council. All of the members shall reside within the jurisdiction of the City for planning and regulation of development. The majority of the members shall have demonstrated a special interest, experience, or education in the fields of:

- Transportation;
- Landscape design;
- City planning;
- Health and wellness;
- Physical activity;
- Education;
- Bicycle commuting;
- Bicycle and pedestrian clubs and organizations;
- Youth and children advocacy;
- Senior and disability advocacy.

The length of term of the members shall be no more than two years. All members shall be eligible for reappointment at the discretion of the City Council, up to a maximum of three consecutive terms (six years). In the event of a vacancy, the City Council shall be asked to fill the unexpired term. Members of the Commission shall serve without compensation.

The Chair may request the removal of any member who has three consecutive unexcused absences or who is absent from a total of six regular meetings within a given fiscal year.

Section 2. Meetings.

The Commission shall hold regularly scheduled meetings, except that meetings in July and/or December may be canceled at the discretion of the Chair. Special meetings may be called at the discretion of the Chair and shall be called upon written request of at least three members of the Commission provided that written notice of special meetings is given to Commission members one week in advance of the meeting.

Attendance of a majority of the members of the Commission shall constitute a quorum at a regular or special meeting of the Commission.

All meetings shall be subject to the North Carolina Open Meetings Law as specified in NC General Statutes §143-318.10. Notice of such meetings shall be given as required by law. The Commission shall keep permanent minutes of its meetings, which shall include the attendance of its members and its resolutions, findings, recommendations, and other actions.

The Commission shall follow the rules contained in the current edition of *Robert's Rules of Order, Newly Revised*, except where they are not consistent with these Bylaws or any special rules of order the Commission may adopt.

ARTICLE V OFFICERS

Section 1. Personnel and Terms.

The elected officers shall consist of a Chair and a Vice-Chair whose terms shall be for one year. The terms of these officers shall begin on September 1.

Section 2. Chair.

The Chair shall be the chief executive officer of the Commission and shall approve agendas for and preside over the regular and special meetings of the Commission; shall appoint committees and designate their chairmen; and shall be an *ex-officio* member of all committees.

Section 3. Vice-Chair.

The Vice-Chair shall assist the Chair and perform the duties and exercise the powers of the Chair in his or her absence.

Section 4. Election of Officers.

The nomination and election of the Chair and Vice-Chair shall occur during the regular August meeting of the Commission. A slate of officers may be prepared by a nominations committee, appointed by the Chairman, or nominations may be made from the floor. In the event of two or more candidates for one office, there shall be a secret written ballot. Election shall be by a majority of those present and voting. In the event of a vacancy in the offices of Chair or Vice-Chair, the vacancy shall be filled by a nomination and election at the next regular meeting following the meeting at which the vacancy has been announced.

ARTICLE VI COMMITTEES

The Commission may authorize the Chair to create special or *ad hoc* committees as needed and to appoint additional, non-Commission members to serve on such committees. The Commission may also authorize the Chair to appoint former Commission members to represent the Commission for limited purposes provided that the scope and term of the appointment are specified in writing.

ARTICLE VII AMENDMENTS

These bylaws may be amended by a two-thirds vote of the members present and voting at any regular meeting of the Commission, provided that the text of the proposed amendment has been presented in writing at the previous meeting.

| Name | Description | Status |
|--|--|--|
| Major City Capital Improvement Projects | | |
| 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; construction scheduled 2014 with funding under 2013 Transportation Bond |
| 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) | 90% design complete; construction scheduled October 2014 with funding under 2013 Transportation Bond |
| 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 | Under construction; to be complete by September 2015 |
| Oak Forest Drive Extension | Construct new alignment as a 2-lane section with curb & gutter and sidewalk on both sides; Public/Private Partnership project | Under construction; to be complete by March 2014 |
| Peace Street West Streetscape | Roadway improvements, sidewalk repairs/replacement; street trees, utility cleanup | 75% design complete; schedule pending decision on remaining funds |
| South/Lenoir Two-Way Conversion | Convert remaining one-way portions of Lenoir Street and South Street to two way operation from S. Saunders Street to East Street | In design; 2nd public meeting to be held in May 2014 |
| Hillsborough Street Phase II | Improve from Gardner Street to the Rosemary Street/Shepherd Street intersection, including converting it to two lanes with a raised median. Funded for Design Only. | In design; 25% public meeting held March 20, 2014 |
| Sandy Forks Road Widening | Widen to 3-Lane with curb, gutter and sidewalks from Six Forks Rd to Falls of Neuse Road | In design; 2nd public meeting held April 10, 2014 |
| Capital Boulevard Improvements | Improve from Spring Forest Rd to Old Wake Forest Rd for multimodal accessibility. Funded for Preliminary Engineering and Design only. | Feasibility assessment complete; Design agreement in progress with consultant |
| Lumley/Westgate Corridor Improvements | Construct sidepath on Lumley Rd from Brier Creek Parkway to Glenwood Ave, and widen shoulders for bike lanes along Westgate Rd from Glenwood Ave to Leesville Rd | In design; public meeting to be held Fall 2014 |
| Transportation Plans | | |
| Lake Wheeler Road Corridor Study | Long range multimodal transportation study from I-40 to Tryon Road. | DRAFT final report pending |
| West CAMPO Rail Study | Examine future street network in east Cary and west Raleigh with respect to a future sealed rail corridor scenario. Joint project with CAMPO, Town of Cary, TTA, and NCDOT Rail. | Request for Proposals issued |
| West Street Extension Study | NEPA study for proposed West Street Extension from Martin Street to Cabarrus Street | NEPA study underway |
| Six Forks Corridor Study | Long range multimodal transportation study and streetscape plan from Ramblewood Dr to Sandy Forks Rd | In design; public meeting held March 13 |
| Oberlin Road Streetscape | Oberlin Rd from Clark Ave to Bedford Rd; Study will include: on-street parking, medians, enhanced pedestrian and bicycle access, public transit, lighting and landscape features | Draft summary report under development |
| Southern Gateway Corridor Study | Long range area study from South Street to just south of Tryon Road (formerly S. Saunders/Wilmington St Corridor Study) | Visioning workshop held on June 8; Draft summary report available online for review |
| Bike Share Feasibility Study & Implementation Plan | Analysis of the bike share concept and will determine the likely success of a bike-sharing program in Raleigh. | Study underway, to be complete by August 2014; Public meeting scheduled on April 10, go to: www.bikeraaleigh.org/bikeshare |
| Raleigh Downtown Plan | Study area will cover the entire Downtown as outlined in the 2030 Comprehensive Plan; Analysis of development, public realm, infrastructure, and connectivity improvements. | Kick-off scheduled on April 2, 2014 |
| Traffic Calming Projects | | |

| Name | Description | Status |
|--------------------------------------|---|--|
| Brookside Drive | Watauga St. to Glasscock St: Add bike lanes, median islands, curb ext and bulb-outs | Schedule pending coordination with Public Utilities |
| Kaplan Drive | Melbourne Rd to Kent Rd: Add bike lanes, sidewalks, curb extesions, bulb-outs, median islands, and speed humps | Construction estimated to begin Summer 2014 |
| Glascock Street | Norris Street to Raleigh Blvd: add median islands, curb extensions, and new sidewalk on north side west of State Street | Construction estimated to begin Fall 2014 |
| Milburnie Road | Raleigh Blvd to Chatham Ln | City Council approved plans on April 1, 2014; Construction estimated to begin summer 2015 |
| Cross Link Road South | Dandridge Rd to Garner Rd | Currently under conceptual design; Public meeting to be held Spring 2014 |
| Greenway Improvement Projects | | |
| 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 PRCR staff to identify potential alternatives; NC ECG to organize committee to discuss route from VA border to Fayetteville |
| Neuse River Trail | From the WRAL Soccer Complex off Perry Creek Rd. Horsehoe Farm Park - 1 mile | In design; construction to be complete by September 2014. |
| Honeycutt Creek Trail | From the Mine Creek Greenway Corridor to the South Shore Trail at Falls Lake - 5.7 miles | Under construction; complete by April 2014. |
| Crabtree Creek Trail Extension | From Milburnie Road to the Neuse River Trail - 4.1 miles | Under construction; complete by August 2014. |
| Bicycle Projects | | |
| CMAQ Grant Projects FFY13 | Bicycle Plan Prioritization List (3 year disbursement 2013-2015); FY11 City CIP Funds to be used to design up to 50 miles of bicycle facilities | Design Underway; Next public meeting scheduled on April 23 |
| City Resurfacing Program | Resurface City streets and restripe per the Bike Plan | Confirming City of Raleigh 2014 resurfacing project list |
| NCDOT Resurfacing Program | Resurface State streets and restripe per the Bike Plan | Confirming NCDOT 2014 resurfacing project list |

| Name | Description | Status |
|--|--|---|
| Sidewalk and Pedestrian Improvement Projects | | |
| FY13 Sidewalk Projects: 2011 Bond Funds | | |
| | Clark Avenue (Woodburn to Bellwood) | Design approved Aug 6; Construction to begin Spring 2014 |
| | Green Road (New Hope Church Rd to Spring Forest Rd) | Design approved Aug 6; Construction to begin Spring 2014 |
| | Chapanoke Road (Illeagnes Rd to Wilmington Service Rd) Includes: Sidewalk installation on both sides of Chapanoke Road, intersection Improvments, and bus stop amenities | Design underway |
| | New Hope Church Rd (Atlantic Avenue to Wake Forest Rd) Sidewalk construction on both sides of the street | Design underway |
| | Blue Ridge Road (Berly Dr to Faber Dr) Sidewalk construction on the west side | Schedule pending coordination with NCDOT |
| | Rock Quarry Road (MLK Blvd to Bart Street) Sidewalk construction east side; Also includes Rock Quarry Rd/Blazing Star Way intersection improvements | Design underway |
| | Poole Road (Donald Ross Drive to Sunnybrook Road) Sidewalk construction on both sides of the street | Design underway |
| Petition Projects | | |
| | Swift Drive (Pineview Dr to Merwin Rd): Sidewalk to be installed on the north side | Currently in design; construction to be coordinated with Simmons Branch Culvert Improvement Project |
| | Freedom Dr/Rhyne Court (South of New Bern Ave to End of cul-de-sac) 41' B-B, sidewalk on one side | Scheduled to begin construction February 2014 |
| STP-DA Grant Projects - FFY12 | Downtown Pedestrian Safety Improvements (Design and install pedestrian signals at several downtown intersections) | Under contract; Installation to begin Summer 2014 |
| STP-DA Grant Projects - FFY13 | | |
| | I-40 Overpass Pedestrian Accessibility Project (Avent Ferry Rd, Lake Dam Rd, Trailwood Dr, Rock Quarry Rd, Trenton Rd and Blue Ridge Rd) | Feasibility study complete. Design schedule to be determined. |
| CMAQ Grant Projects | Six Forks Rd Sidewalk Project (Coleridge Dr to Wake Forest Rd) | Design underway; public meeting held March 13, 2014 |
| Active NCDOT Projects | | |
| B-4437 - Blue Ridge Rd/Hillsborough St/NCRR grade separation | Convert existing at-grade intersection to grade separation. Improve access for bicycles and pedestrians and provide access to future proposed TTA light rail station | EA/FONSI complete; funding under review |

| Name | Description | Status |
|---|---|--|
| B-4946 - US 70/401 Split | Replace existing highway flyover on US 401 at US 70 | Under construction |
| B-5121 - Capital Blvd/Peace St Bridge Replacement | Replace existing bridge on Capital Boulevard at Peace Street | NEPA study underway; construction planned for FFY16. Public workshop scheduled for 11/19/13 |
| B-5130 - Avent Ferry Rd/Lake Johnson bridge replacement | Replace existing bridge on Avent Ferry Road over Lake Johnson; improve causeway and bridge to include bike lanes and sidewalks. | NEPA study underway; public meeting to be held April 2014 |
| B-5317 - Capital Blvd/Wade Ave Bridge Replacement | Replace existing bridge on Wade Avenue at Capital Boulevard | NEPA study underway; construction planned for FFY16. Conceptual designs presented to City Council on March 4 |
| FS-1005A I-40 Widening | Evaluate widening of I-40 to eight lanes from I-440/US 1 to Lake Wheeler Road | Feasibility study in progress |
| P-3819 Southeast High Speed Rail | Implement high speed rail service from Raleigh to Petersburg, VA. Includes multiple grade separation conversions at existing railroad crossings. | Final EIS to be complete by 2013; Conceptual designs presented to City Council on March 4 |
| R-2829 - Eastern Wake Expressway | Construct new freeway from I-40/US 70 Bypass in Johnston County to US 264/I-540 interchange | Draft EIS underway |
| U-2719 - I-440 Widening | Widen the I-440 Beltline from I-40 to Wade Avenue; will include reconstruction and improvement of multiple existing interchanges. | NEPA study underway; funding under review |
| U-2823 - US 70 Improvements | Widen US 70 to six lanes and construct parallel streets from Lumley Road/Westgate Road to Duraleigh Road/Millbrook Road. Includes sidewalk and greenway improvements. | NEPA study underway; funding under review |
| U-4432 - Tryon Rd Widening/Improvements | Widen and realign Tryon Road from Par Drive to S. Wilmington Street and replace the existing bridge over the Norfolk-Southern Railroad | Scheduled to begin construction in February 2014 |
| U-4721 - Aviation Parkway Extension | Extend Aviation Parkway as a proposed four-lane freeway from I-540 to US 70 at the Durham County line | Feasibility study complete |
| U-5518 Brier Creek Parkway/US 70 Interchange | Convert intersection of US 70 and Brier Creek parkway to a grade-separated interchange | NEPA study underway; funding under review |
| Trailwood Rd bridge replacement | Replace existing bridge on Trailwood Road over Walnut Creek; includes bike lane and greenway link improvements. | Design/build project; design underway |
| Trinity Rd Pedestrian Tunnels | Evaluate the feasibility for constructing pedestrian tunnels under Trinity Road near Carter-Finley Stadium | Feasibility study complete |

2014 BikeRaleigh Events

That's how we roll...

NCSU Commute Challenge

April 1st - May 31st

NC State University

We're celebrating Bike to Work Month at NCSU by challenging faculty, staff, and students to try an alternative commute! The more trips you track, the more points you'll earn, which will give you more entries into our prize drawing! Go to: <http://go.ncsu.edu/commute> for more information.

Tune Up, Raleigh

...and get ready to roll!

April 1st – May 31st

It's been a long winter and perfect cycling weather is finally here! Be sure to have your bike inspected before you start logging the miles. The BikeRaleigh program has partnered with local bike shops to offer a 15% discount on bike tune-up services. Coupon valid at participating bike shops only. More info available at www.raleighnc.gov

Benelux Café Bike Ride

Tuesday, May 6

6:00pm

Benelux Café in City Market; 309 Blake Street, Raleigh

Join other area cyclists on the Benelux Café Ride. This hour-long ride is held every Tuesday, every month. Raleigh's Bicycle and Pedestrian Commission is partnering with the ride organizers to promote May as National Bike Month. Riders of all stripes who want to experience the fun of riding in a group are welcome.

National Bike to School Day

Wednesday, May 7

National Bike to School Day provides an opportunity for schools across the country to join together to celebrate and to build off of the energy of National Bike Month.

City of Raleigh Wellness Rides!

Friday, May 9 and Friday May 23

9:00am

Nash Square Park, 200 W Hargett Street

The City of Raleigh will host a short bike ride to encourage City employees to celebrate National Bike to Work Day. The ride is also a perfect way to participate in the Go the Extra Mile Wellness Challenge. Bike safety and maintenance materials will be available.

Capital City Bike Ride sponsored by Red Hat

Monday, May 12

8:00am-9:30am

Chavis Park, 505 MLK Jr. Boulevard

Support cycling in Raleigh! Ride and mingle with elected officials, Red Hat employees and fellow bicycle advocates. Ride is approximately 5 miles long and will include on-road and greenway riding. Start at Chavis Park and finish at the State Capitol.

Commute Smart Raleigh Social & DLA Mixer

Wednesday, May 14 (tentative date)

5:30pm – 7:30pm

Glenwood South

Ride your bike to the Downtown Living Advocates Mixer in Glenwood South and get to know your neighbors, learn about zipcar options, and chat with staff about different commute smart choices.

2014 BikeRaleigh Events

That's how we roll...

NCSU Faculty & Staff Ride

Thursday, May 15

5:15pm

Carmichael Recreation Center Boat Bay

Join fellow NC State University faculty and staff members on a campus bike ride to celebrate Bike to Work Month! For more information, go to: <http://www.ncsu.edu/wolftrails>

Art to the Heart Ride

Saturday, May 17

9:30am - Noon

NC Museum of Art, 2110 Blue Ridge Road

Join us for a ribbon cutting celebration of Art to Heart Greenway and experience how easy it is to bike from the NC Museum of Art to the heart of downtown! Ride will leave the Art Museum at 10am and includes a combination of on-road and greenway trails for a total of 6 miles. Event is free to attend and all experience levels are encouraged to participate.

Ride the Neuse!

Saturday, May 24

9:30am

Anderson Point Park, 20 Anderson Point Drive

Explore the Neuse River Greenway and join us for a guided 30-mile ride! Ride will finish around lunchtime.

Bike Day at the Downtown Farmers Market!

Wednesday, May 28

10am to 2pm

City Plaza on Fayetteville Street

Farmers' market shoppers, families and bike enthusiasts are encouraged to ride their bike to the market and celebrate bike to work week. There will be a variety of bike-related activities and information about biking in Raleigh.

BikeSmart on National Trail Day

Saturday, June 7

9:00am to Noon

Capital Greenway System

Get out and celebrate National Trail Day in Raleigh and enjoy our outstanding Capital Greenway System. For more information, go to:

<http://www.raleighnc.gov/home/content/PRecDesignDevelop/Articles/CapitalAreaGreenwayTrailSystem.html>

Summer Cycle Series

Join the Adventure Program Staff from May to August as they ride a different section of the Greenway. Staff will serve as ride leaders. There will be an "End of Summer" award ceremony and cookout for friends and family of everyone who participated. To ride the whole series you must register for all sessions. Bikes are not provided and helmets are required. Shuttle services available at end of each ride. Sign up today, space is limited. Cost is \$12 for resident, \$15 non-resident. Ages 12 years and up. Register online using ReLink or by contacting the Adventure Office at 919-996-6855.

Summer Cycle Series Dates:

May 3, May 10 May 17

June 7 & June 14

July 12 & July 19

August 2



City of Raleigh Bicycle & Pedestrian Advisory Commission

Office of Transportation Planning

P.O. Box 590 • Raleigh, North Carolina 27602 • (919) 996-2155

BICYCLE PLANNING COMMITTEE MEETING MINUTES

DATE: April 8, 2014

PRESENT: Alan Wiggs, Sig Hutchinson, Corey Bates, Mike Dayton

STAFF: Jennifer Baldwin, Eric Lamb

LOCATION: Raleigh Municipal Building, Room 303, 222 W. Hargett Street

START: 6:10pm

Bicycle Project Review: Dixie Trail - from Wade Ave to Lake Boone Trail

Staff provided a brief overview of the Special BPAC Meeting on March 27, 2014, highlighting the concerns of the commission about installing shared lane markings, or “sharrows”, along Dixie Trail from Wade Ave to Lake Boone Trail. Staff reported that it will take approximately 90 days to address the following items:

- Removal of the center turn lane along Dixie Trail from Wade Ave to Lake Boone Trail
- Feasibility of four-way stop at Dixie Trail and Churchill Rd
- Potential bike box installation on Dixie Trail at Wade Ave

Mr. Hutchinson made the following motion: “To endorse staff recommendation and install sharrows on Dixie Trail from Wade Ave to Lake Boone Trail and maintain existing on-street parking.” After discussion among committee members and the public, the motion was seconded by Mr. Wiggs and approved by unanimous voice vote.

The committee agreed with the residents in attendance that a comprehensive look at the corridor was needed to develop a vision for Dixie Trail that would improve the safety of the street for all users and be a collaborative process between the City and residents.

Action: The committee agreed to submit Mr. Hutchinson’s motion to the full commission for review and approval during their next meeting on Monday, April 21st.

Staff will report back to the committee in 90 days on the potential for a four-way stop at Dixie Trail and Churchill St, the feasibility of installing a bike box at Dixie Trail and Wade Ave, and the feasibility of removing the center turn lane along Dixie Trail from Wade Ave to Lake Boone Trail.

END: 8:15pm



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ADOPTED BPAC FY2014 Work Plan

General Commission Initiatives:

- Develop an online/GIS-based Cyclist Resource Map and mobile application to provide cyclists with routing and existing conditions information
- Monitor NCDOT Complete Streets implementation to ensure future street projects are designed and constructed for all modes
- Monitor Unified Development Ordinance implementation and promote bicycle and pedestrian friendly policies and standards
- Promote City application for Walk Friendly Community designation and maintain existing Bike Friendly City designation

Community Outreach Committee:

- Partner with WCPSS to develop a Safe Routes to School Program that focuses on:
 - Developing a Bicycle Rodeo Kit utilizing the three existing bicycle rodeo trailers
 - Developing a Youth Instructor program through the League of American Bicyclists
 - Implementing NCDOT new education curriculum
 - Expanding the bicycle and pedestrian safety component of the NC Drivers Education Curriculum
- Participate in NCDOT's Watch for Me, NC Campaign to promote bicycle and pedestrian safety messages citywide
- Increase, promote, and expand:
 - interest in the BPAC Facebook page
 - public participation and interaction with bike/ped initiatives
 - BPAC events and programs
 - a series of bicycle rides from downtown to popular destinations
 - Raleigh Bicycle Benefits Program
- Develop and Host Bike Month Activities and Events
- Promote Bike to School and Walk to School activities
- Assist with the development and public outreach of a new Raleigh Bicycle Facility map

Bicycle Planning Committee:

- Develop an On-Road Bicycle Wayfinding & Signage Plan that enhances existing infrastructure, improves the usability of the bicycle network, and encourages short bicycle trips
- Explore the feasibility of a bike share program in Raleigh by advocating for a feasibility study and for future implementation funds
- Coordinate with the PNC Arena to conduct bicycle events on the premises that will provide a much needed venue for bicycle race events and practice



Pedestrian Planning Committee:

- Partner with Capital Area Transit and Triangle Transit to coordinate access to transit initiatives, promote sidewalk improvements, and advocate for bus stop amenities (benches, shelters, bike parking, etc) with particular focus on the R-Line Service
- Review Leading Pedestrian Interval (LPI) implementation for traffic signals and work with City staff to prioritize and implement more LPI's at strategic locations
- Partner with the Raleigh Police Department to develop a pedestrian safety and law enforcement training course;
- Advocate for more yielding to pedestrians in crosswalk enforcement operations
- Conduct a training session with City staff to understand pedestrian signal timing and phasing
- Evaluate pedestrian signal timing on Fayetteville Street and determine if an increase in the pedestrian signal timing is possible during non-commute hours
- Research municipal code examples of scooter, moped, skateboard and Segway use on sidewalks, and evaluate current City Code language and propose new policy to reduce user conflicts
- Coordinate with City staff to develop a sidewalk maintenance outreach campaign that may include:
 - Conducting pedestrian safety audits to identify needed repairs
 - Promoting SeeClickFix reporting for sidewalk repairs
 - Reporting sidewalk maintenance expenditures by location
- Promote and develop a Safe Routes to School Program in Raleigh for both public and private schools
- Promote HAWK signal use and work with City staff to prioritize future installations
- Promote and expand the WalkRaleigh brand and pedestrian wayfinding signage
- Advocate for the implementation of the Capital Blvd Pedestrian Study and the New Bern Avenue Corridor Study
- Conduct a pedestrian awareness event and invite elected officials, transportation professionals and the general public to experience crossing a high volume roadway in a wheelchair, pushing a stroller, or walking a dog

Joint Bicycle & Pedestrian Planning Committee Items:

- Review NCDOT new bicycle and pedestrian safety education curriculum and provide comments to NCDOT to assist with the curriculum development
- Participate in the development of the Parks & Recreation's System Plan and promote bicycle and pedestrian facility, programming, and policy integration
- Assist with the planning and development of the Art to the Heart corridor to promote and improve the greenway and on-road connections
- Review NCDOT WalkBike, NC master plan and promote implementation of the plan in Raleigh