

Monday, March 21, 2016, 6:00pm
Council Chambers, Raleigh Municipal Building
222 W. Hargett Street, Raleigh NC 27602

AGENDA

I. Introductions

II. Approval of Minutes from February 18, 2016

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 Reports

- **City Project Updates**
- **City Council Updates**

V. Committee & Member Reports

- **Chair's Report**
- **Community Outreach Committee**
 - CAC Presentations
 - Bike Month
- **Bicycle Planning Committee**
 - Bicycle Plan Update
 - Bike Parking Grant Program
 - Parking in Bike Lanes Policy
- **Pedestrian Planning Committee**
 - WalkRaleigh Implementation
- **Joint Bicycle & Pedestrian Planning Committee Items**
 - Open Streets

VI. Old Business

- **None**

VII. New Business

- **Durham Police Department Bicycle Unit** – Sergeant Brian Massengill
- **Crabtree Creek West Greenway Trail** – Project update

VIII. Board Comments

IX. Announcements

- **Upcoming Events** – Please announce any events here
- **Confirmation of Next BPAC meeting** – Monday, April 18, 2016

X. Adjournment



DRAFT Meeting Minutes –February 18, 2016

The City of Raleigh Bicycle & Pedestrian Advisory Committee met on Thursday, February 18, 2016 at 1:00 p.m. at the Walnut Creek Wetlands Center, 950 Peterson Street, Raleigh, NC with the following members present:

Commission Members:

Amy Simes, Chair
Paul Nevill, Vice Chair
Evan Brigham (2:43 pm)
Susan Hatchell
Dan Howe
Aaron Peeler
Rebecca Proudfoot
Mary Sell

Staff:

Rebecca Duffy, Signs & Markings Manager
Eric Lamb, Transportation Planning Manager
Jed Niffenegger, Public Works Senior Transportation Engineer
Jason Myers, Transportation Planner
Deja Smith, Bicycle & Pedestrian Outreach Coordinator
Susan Wilson, Bicycle & Pedestrian Program Manager
Teresa Young, Administrative Support

Absent:

Harry Johnson (unexcused)
Seth Palmer (unexcused)

I. Introductions

Ms. Simes called the meeting to order at 1:20 pm and asked everyone to introduce themselves.

II. Approval of Minutes

Mr. Howe moved for approval of the January 25th minutes which was properly seconded by Mr. Peeler and passed by a unanimous voice vote.

III. Public Comments

No report.

IV. Bicycle Program Review

CMAQ Project Review: Ms. Wilson began the discussion on the CMAQ project and the feedback that was received from the project as well as the lessons learned from the project. Ms. Wilson began a presentation regarding the project. Mr. Lamb gave an additional overview of the history behind the project for the new commissioners.

Mr. Niffenegger stated the 27-28 miles were an accomplishment. Ms. Hatchell inquired if the project was complete and Ms. Duffy responded there were only a few more punch list items to complete.

The Commission discussed ways to better communicate during a project like this in the future. Mr. Lamb and Ms. Wilson stated most of the feedback from citizens were regarding Glen Eden Drive. Mr. Nevill suggested creating a check list in the future for projects such as the CMAQ one for better communication. Mr. Myers added that a checklist that is a one size fits all would be difficult.

LAB Bicycle Friendly Community Feedback: Ms. Wilson discussed some of the feedback from the Bicycle Friendly Community City application. Ms. Wilson explained the status lasts until 2019. Ms. Wilson

stated the primary feedback consisted of hosting an open streets event, lowering speed limits and keeping city council on board.

The Commission discussed increasing bike parking in the long term as well as planning an open streets event. These items were agreed to have continued discussion in a Bike Planning and a joint Bicycle/Pedestrian Planning Committee meeting.

Draft Bike Raleigh Plan Update: Ms. Wilson stated that the plan was presented to the City Council in a work session on February 9. Ms. Wilson added that Council inquired about community education, outreach and facilities that will be installed in the future. Ms. Wilson stated that Mr. Myers is working with the consultants to address these comments and incorporate them into the plan.

Mr. Myers explained that Alta will be working on some of the continued feedback from City Council and the final draft from the consultant will come in early March. Mr. Myers added there will be a steering committee meeting first and then the draft plan would be available for the Commission meeting in March.

Bike Month Activities: Ms. Wilson reviewed the calendar for the bike month events in April and May. Ms. Wilson verified that she is working with Kathy Molin, the TDM coordinator for the City.

Funding Projections: Mr. Lamb gave an overview of the current funding for the 2016 fiscal year as well as future projections. Mr. Lamb explained most of the funding comes from mixed sources including grants and bonds.

V. Pedestrian Program

Review of Sidewalk Projects: Ms. Wilson reviewed the various sidewalks projects and discussed an update received from Public Works regarding sidewalks.

Update on Microgap Prioritization: Ms. Wilson presented a list of the current microgap sidewalks that currently exist. The commission discussed the funding for microgaps. Mr. Brigham inquired as to how sidewalks could be paid for businesses. Mr. Lamb responded it is done through assessments. Mr. Howe asked how the priority was set for the locations. Mr. Lamb answered that with the oncoming transit plan, it will change how they will be put in.

Ms. Simes asked for a status update on the pedestrian items that were done within the last 1 to 3 years. Mr. Lamb responded that the bike and pedestrian plans are updated every 5 years. Ms. Sell inquired about pedestrian connectivity. Mr. Lamb described the two pedestrian bridges that are located in the city.

VI. Break & Commission Photo

No report.

VII. Comprehensive Project Review

Review of Prioritization Criteria: No report.

Review of Upcoming Transportation Projects: No report.

VIII. Committee Breakouts

The various committees: Bicycle Planning, Pedestrian Planning and Community Outreach discussed the status of items on the current Work Plan and new items for the new 2016-2017 Work Plan.

With no further business, the meeting adjourned at 5:00 pm.

Respectfully submitted,
Teresa Young

Major Street Improvements		
Construction		
Leesville Rd Widening	Widen street to 4 lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from I-540 to New Leesville Blvd	Complete
Sandy Forks Rd Widening	Widen to 3-Lane with curb, gutter and sidewalks from Six Forks Rd to Falls of Neuse Rd	Under construction, complete by Summer 2017
South/Lenoir Two-Way Conversion	Convert remaining one-way portions of Lenoir St and South St to two-way operation from S. Saunders St to East St	Starting construction mid-March; late Fall 2016 completion
Hillsborough St Phase II	Streetscape to 2-lane, median-divided, bike lanes, and roundabouts from Gardner St to the Rosemary/Shepherd Sts.	Out to bid; ROW near completion
Mitchell Mill Rd Widening	Widen street to 4 lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from US 401 to Watkins Rd	
Design		
Buck Jones Rd Widening	Widen street to 4 lanes with curb & gutter, sidewalks, striped bike lanes, and median refuges from Farmgate Rd to Xebec Way	In final design and r/w acquisition Construction to begin in early 2016
Peace St West Streetscape	Roadway improvements, sidewalk repairs/replacement; street trees, utility cleanup	City Council public hearing on design late 2015, construction to start Summer 2016
Fox Rd Widening	Widen to 2-lanes w/ center turn lane, bicycle lanes, curb and gutter, sidewalk on both sides from Spring Forest Rd to Sumner Blvd	Design in process; public meeting held march 10
New Bern Ave Improvements	Install sidewalks/multi-use paths and transit enhancements from Tarboro Rd to Sunnybrook Rd	Design underway; construction 2017
Oberlin Rd Streetscape	Enhanced pedestrian and bicycle facilities, lighting and landscape features from Clark Ave to Bedford Rd.	Consultant selection underway; construction 2017
New Hope Church Rd Widening	Widen to 2-lanes w/ center turn lane, bicycle lanes, curb and gutter, sidewalk on both sides from Green Rd to Deana Lane	Design underway; construction 2017
Pleasant Valley Rd Widening	Widen to 2-lanes w/ center turn lane, bicycle lanes, curb and gutter, sidewalk on both sides from Duraleigh Rd to Glenwood Ave	
Pullen Rd Extension	Extend 2-lanes w/ bicycle lanes, curb and gutter, sidewalk on both sides from Western Blvd. to Centennial Pkwy.	
Yonkers Rd Improvements	Widen to 2-lanes w/ bicycle lanes, curb and gutter, sidewalk on one side from Capital Blvd to New Bern Ave	Design underway; construction 2018
Old Wake Forest Rd Widening North	Widen to a 4-lane median-divided section with curb and gutter, sidewalks, bicycle lanes, and streetlights from Litchford Rd to Capital Blvd	Consultant selection underway
Tryon Rd Widening (Part C)	Widen to a 4-lane median-divided section with curb and gutter, sidewalks, bicycle lanes, and streetlights from Lake Wheeler Rd to Par Dr	
Rock Quarry Rd Widening (Part A)	Widen to a 4-lane median-divided section with curb and gutter, sidewalks, bicycle lanes, and streetlights from Olde Birch Rd to Sunnybrook Rd	
		RFQ on hold pending discussions with NCDOT related to bridge replacement with I-40 widening project

Transportation Project Updates

Studies		
Six Forks Corridor Study	Long range multimodal transportation study and streetscape plan from Ramblewood Dr to Sandy Forks Rd	Draft Corridor Plan under consideration by Council
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.	Implementation approved
Lumley/Westgate Rds. Corridor Improvements	Install sidepath (Lumley Rd); widen shoulders for bike lanes (Westgate Rd); and install bike lanes/multi-use path (Ebenezer Ch Rd) from Brier Creek Pkwy to	Feasibility study near complete; Council presentation in February
West St Extension Study	Extend West St from Martin St to Cabarrus St under NCRR	NEPA study nearing completion
Transportation/Area Plans		
Bicycle Plan Update	Update the 2009 Comprehensive Bicycle Plan	Draft Plan presented to Council worksession; present for final approval at Council in May
Cameron Village/Hillsborough St Small Area Plans	Land use and transportation in the study between Wade Ave and Hillsborough St, and between Chamberlain St and St Mary's St	Draft plan about to be released for review
Raleigh-Cary Rail Crossing 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.	Draft report/recommendations online; City Council presentation for approval/endorsement in April
Southern Gateway Corridor Study	Long range area study from South St to just south of Tryon Rd (formerly S. Saunders/Wilmington St Corridor Study)	Draft plan nearing completion, expected release in Spring 2016
Avent Ferry Corridor Study	Long range area study from Western Blvd. to Gorman	Planned to start Spring 2016
Major Traffic Calming Projects (Neighborhood Streetscapes)		
Construction		
<i>Kaplan Drive</i>	<i>Add bike lanes, sidewalks, curb extensions, bulb-outs, median islands, and speed humps from Melbourne Rd to Kent Rd</i>	<i>Complete</i>
Glascocock St	Add median islands, curb extensions, and new sidewalk on north side west of State St from Norris St to Raleigh Blvd	Starting construction; Fall 2016 completion
Design		
Millburnie Rd	Add curb extensions, medians, and bike infrastructure from Raleigh Boulevard to Chatham Lane	Design near completion
Cross Link Rd South	Dandridge Rd to Garner Rd	Plan adopted by Council
Currituck Drive	Lassiter Mill Rd to Tyrrell Rd	Plan adopted by Council
Town & Country Rd	Millbrook Rd to Lead Mine Rd	Plan adopted by Council

Transportation Project Updates

Greenway Improvement Projects		
Design		
Crabtree Creek Trail W Extension	Lindsey Dr to Umstead Park - 4 miles	Under design; approved for additional \$1.5M funding from CAMPO LAPP Program FFY17
Walnut Creek trail - Trailwood Segment	Trailwood Dr. bridge replacement/pedestrian bridge	Starting construction soon; completion early 2017
	Trailwood Dr. to Lake Raleigh trail on Centennial Campus	Design starting soon; approved for funding from CAMPO LAPP Program FFY17
Rosengarten Trail	Cabarrus St to S. Saunders/Lake Wheeler at Rocky Branch Trail - 0.5 miles	Under design
Bicycle Projects		
Construction		
<i>Bicycle Pavement Marking Project</i>	<i>Design and install 27 miles of bicycle facilities Citywide (FY13 CMAQ Grant Project)</i>	<i>Complete</i>
City Resurfacing Program	Resurface City-maintained streets and restripe per the Bike Plan	List reviewed and changes recommended where appropriate
NCDOT Resurfacing Program	Resurface State-maintained streets and restripe per the Bike Plan	
Bike Rack Installations	Install bike corralls, racks, and artistic bike racks	Bids under consideration; installations in Spring/Summer 2016
Design		
Leesville Rd SRTS	Construct sidewalks & ped intersection improvements, stripe bike facilities on Country Trl, Oneal Rd, & Pride Way	Design underway; construction Fall 2016
Gorman St Cycle Track	Construct a two-way cycle track on Gorman St between Sullivan Dr and Hillsborough St	Design underway; construction Spring 2017
Wake Forest/Blount/Person Corridor Restriping	Restripe Wake Forest Rd from Brookside to Person as 3-lane with bike lanes; restripe Person & Blount Sts as 2-lanes with bike lane (one-way)	
Blue Ridge Rd Ped/Bike	Construct sidewalks and bike facilities from Trinity Rd. to north of Reedy Creek Rd., including ped/bike accommodations over Wade Avenue	Scope/fee negotiations; design will begin late spring

Transportation Project Updates

Pedestrian Projects		
Construction		
I-40 Ped Retrofits, Part A	Construct sidewalks on Avent Ferry, Rock Quarry, and Buck Jones Rds bridges over I-40	Starting construction
Six Forks Rd	Construct sidewalks from Coleridge Dr to Wake Forest Rd (CMAQ Grant Project)	
Capital Boulevard	Construct sidewalks and transit amenities from Spring Forest Rd to Old Wake Forest Rd on both sides	
Chapanoke Rd	Construct sidewalks, intersection improvements, and transit amenities from Illeagnes Rd to Wilmington Service Rd	Out to bid
Clark Ave	Construct sidewalks from Woodburn to Bellwood on the north side	
New Hope Church Rd	Construct sidewalks from Atlantic Ave to Wake Forest Rd on both sides	
Microgaps	Construct missing sidewalk gaps < 400' identified and requested by citizens	Developing final list for Spring 2016 bid
Design		
Bloodworth St	Construct sidewalks from Martin Luther King Jr. Blvd to Worth St on the east side	Design nearing completion; ROW acquisition underway
Blount/Hoke/Person Sts	Construct sidewalks from north of Branch St to Bragg St	
Green Rd	Construct sidewalks from New Hope Church Rd to Spring Forest Rd on both sides	
E Millbrook Rd	Construct sidewalks from Atlantic Ave. to Capital Blvd. on the north side	
Oakwood Ave	Construct sidewalks from Hill St to Raleigh Blvd on the north side	
Raleigh Boulevard	Construct sidewalks from Crabtree Creek Bridge to 350' north of Yonkers Rd on both sides	

Transportation Project Updates

Design (cont'd)		
Blue Ridge Rd	Construct sidewalk on the west side from Beryl Rd to Faber St	Design underway
Capital Boulevard	Construct sidewalks from I-40 Ramps to Brentwood Rd on both sides	
Crabtree Boulevard	Construct sidewalks from Capital Blvd to Timber Dr on the south side	
I-40 Ped Retrofits, Part B	Construct sidewalks on Trailwood Dr. bridge over I-40	
Lake Wheeler Rd	Construct sidewalks from Maywood Ave to Centennial Pkwy; asphalt path on the west side	
Maywood Ave	Construct sidewalks from S. Saunders St to Lake Wheeler Rd on both sides	
W Millbrook Rd	Construct sidewalks from Lead Mine Rd to Bennettwood on the south side	
New Hope Rd	Construct sidewalks from Capital Blvd to Wallingford Dr on both sides	
Poole Rd	Construct sidewalks from Donald Ross Drive to Sunnybrook Rd on the north side	
Rock Quarry Rd	Construct sidewalks from MLK Blvd to Bart St on the east side; also includes Rock Quarry Rd/Blazing Star Way intersection improvements	
Spring Forest Rd	Construct sidewalks from McHines Place to Capital Blvd on both sides	
Wade Ave	Construct sidewalks from Hobson Court to Daniels St on both sides	
Wake Forest Rd	Construct sidewalks from Creekside Drive to Georgetown Rd on the west side	

COMMUNITY OUTREACH COMMITTEE MEETING MINUTES

DATE: March 7, 2016

PRESENT: Evan Brigham, Paul Nevill, Rebecca Proudfoot, Amy Simes

STAFF: Susan Wilson, Deja Smith

LOCATION: Raleigh Municipal Building, Room 309

START: 6:05 pm

Bike Month Events

Oaks & Spokes and City events for Bike Month have been finalized. Some locations are still being ironed out for some of the Oaks & Spokes events. City staff discussed promoting all bike month events on the BikeRaleigh website and calendar. Mr. Brigham mentioned promoting a bike to work competition for employers on Bike to Work Day. Mr. Brigham also mentioned Tour de Brew, taking place April 2nd. Staff added this event to the list to be promoted on BikeRaleigh.

CACs

Committee members continue making presentations to the CACs on what BPAC is and what their efforts are. Mr. Neville mentioned creating a Google doc signup sheet for other Commissioners interested in making presentations to CACs as a way to help the committee cover CAC meetings.

BikeRaleigh Logo contest

Commissioners discussed holding a contest for a new slogan for BikeRaleigh to coincide with Bike Month.

Awards

The Committee discussed the idea of BPAC giving out awards to residents and businesses who promote walking and biking in the City. Commissioners discussed what criteria would be used for nominating and selecting recipients, and what frequency awards would be given. Ms. Wilson stated she would start working on criteria for the award to bring back to the Committee soon.

Other Business

Mr. Nevill mentioned upcoming public meetings on sidewalk improvements and stated he would attend the meeting on Monday, March 14th about proposed improvements along Wade Avenue, Wake Forest Road, and Maywood Avenue.

END: 7:18 pm

JOINT BICYCLE & PEDESTRIAN PLANNING COMMITTEE MEETING MINUTES

DATE: March 8, 2016

PRESENT: Susan Hatchell, Rebecca Proudfoot, Amy Simes

STAFF: Susan Wilson, Deja Smith, Eric Lamb

GUEST: Molly Stuart

LOCATION: Raleigh Municipal Building, Room 309

START: 6:09 pm

Molly Stuart was invited at the January Commission meeting to speak to the Committee in more detail about her request for BPAC's support of her proposed Open Street event. Ms. Stuart stated that their goal is no longer to host an event this October, but next year instead. The route would be between Hillsborough and Chavis Park. Ms. Stuart said that the cost of most successful events is approx. \$300,000. She stated that there are groups interested in committing financially to her Open Streets event but she would be asking City Council for a financial commitment as well to show the City's support for the event. Ms. Stuart provided Commissioners with an "Organization Proposal" that assigned responsibilities to BPAC, City Staff, and her group, Ramble & Ride Raleigh. It also contained a timeline for putting together the event.

Mr. Lamb mentioned that the 2017 project of 2 way conversion of South and Lenoir Streets could be a candidate to piggyback on for Open Streets but he is currently unsure of the project's projected completion date. Ms. Proudfoot suggested holding an event twice a year, rotating the location, and shortening the length to less than 3 miles. Commissioners stated they had many unanswered questions at this point to offer their support to Ms. Stuart and her event. They asked staff to provide a summary of successful Open Streets events and the characteristics that make each work.

END: 7:23 pm



City Of Raleigh

NORTH CAROLINA

TO: BPAC Members

FROM: Lisa Potts, Senior Greenway Planner

SUBJECT: Crabtree Creek West Greenway Trail – Project Presentation

DATE: March 14, 2016

Background

The Crabtree Creek West Greenway is a proposed trail connection that extends from the current Crabtree Creek Trail terminus at Lindsay Drive to the eastern boundary of Umstead State Park on Ebenezer Church Road. This connection is the last remaining section of the Crabtree Creek Trail and is approximately 2 miles in length. This segment is also a critical link in a regional greenway system and is designated as a “Cross-City Trail” in the newly adopted Capital Area Greenway Planning & Design Guide. When this segment is completed, a network of trails spanning Wake County will be in place.

The project is funded (\$4.4 million) by the 2014 Parks Bond Referendum.

Proposed Alignment and Project Scope

After careful consideration of all public input and technical details for constructability, staff and the project consultant are recommending the trail alignment and parking as shown on the attached exhibit and as follows;

- Proposed alignment generally follows Crabtree and Richland Creeks and utilizes permanent greenway easements/sewer easements where possible. Proposed alignment minimizes infrastructure in temporary greenway easements located on Hanson Aggregates property.
- Five total pedestrian bridges – 2 along Crabtree Creek, 3 along Richland Creek
- Three new parking areas and one improved lot
 - 50-75 space lot along Ebenezer adjacent to the Hamptons at Umstead Phase 1 Clubhouse. Additional easement will be required from Hamptons Homeowners Association.
 - 50-75 space lot along Duraleigh Road. Property acquisition will be required.
 - 10 space lot at Trailhead and new pedestrian bridge at end of Picardy Drive.
 - Pave/improve parking area at Lindsay Drive.

- Private neighborhood connections to Hamptons at Umstead Phase 1 and Phase 2 with negotiating additional easement area for parking on Hamptons HOA property.
- Connection to Umstead State Park (Turkey Creek Trail).

Consistency with City-adopted plans

- The project design incorporates design guidelines from newly adopted Capital Area Greenway Planning & Design Guide including: accessibility, 12' width pavement, centerline stripping and other pavement marking; wayfinding, regulatory, and etiquette signage; amenities as applicable.
- The project is consistent with the policy guidance of the 2030 Comprehensive Plan, goals of the Parks System Plan

SIGNAGE:

- LEAVING CAPITAL AREA GREENWAY
- ENTERING UMSTEAD STATE PARK

**THE HAMPTONS AT UMSTEAD
PHASE 2**

HANSON QUARRY

OAK PARK

**THE HAMPTONS AT UMSTEAD
PHASE 1**

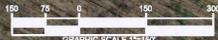
HANSON QUARRY

**LAUREL
BROOK**

LAUREL HILLS

**UMSTEAD
STATE
PARK**

- PROPOSED GREENWAY
- EXISTING GREENWAY
- FUTURE GREENWAY CONNECTION
- CREEK
- SEWER EASEMENT
- EXISTING GREENWAY EASEMENT
- TEMPORARY GREENWAY EASEMENT
- PERMANENT FUTURE GREENWAY EASEMENT
- STEEP SLOPES/ROCK
- CITY OF RALEIGH/UMSTEAD SIGNING
- PEDESTRIAN BRIDGE/BOARDWALK
- WETLAND BOUNDARIES
- STREAM



PARKING
50-75 SPACES

HAMPTONS CLUBHOUSE

NEIGHBORHOOD CONNECTION

POMFRET POINT

CLYDEN COVE

NEIMAN COVE

FUTURE RICHLAND CREEK GREENWAY

RICHLAND CREEK

ROCKWOOD DR

SEDGEWOOD DR

CRABTREE CREEK

NATURE PRESERVE AREA

STEEP SLOPES/ROCK

STEEP SLOPES/ROCK

POTENTIAL PARKING

EXISTING & ASPHALT MULTI-USE PATH

DURALEIGH RD

STEEP SLOPES/ROCK

PARKING 9 SPACES

IMPROVE EXISTING PARKING AREA

AZALEA DR

BALSAM DR

HUCKLEBERRY DR

SPRUCE DR

JUNIPER ST

JUNIPER CT

LAUREL HILLS RD

OAK PARK RD

STERLING PL

LINDSAY DR

CONNELL DR

FERNHAM PL

EMBLETON DR

STRANAVER PL

METCALF DR

WEAVER DR

NEIGHBORHOOD CONNECTION

POYNER RD

ACCABONAC PT

MANKOMA TERRACE

FANYON WAY

WAINSCOT WAY

GANSETT LN

EBENEZER CHURCH RD

TURKEY CREEK TRAIL

NEIGHBORHOOD CONNECTION

POMFRET POINT

ALDER PASS

NEIMAN COVE

NEIMAN COVE