



## City of Raleigh Bicycle & Pedestrian Advisory Commission

Office of Transportation Planning

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

**Monday, October 15, 2012, 6:00pm**  
**Council Chambers, Raleigh Municipal Building**  
**222 W. Hargett Street, Raleigh NC 27602**

### AGENDA

#### I. Introductions

#### II. Approval of Minutes from September 18, 2012

#### III. Awards & Recognitions

#### IV. 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.

#### V. Staff Report

- City Project Updates
- Comprehensive Pedestrian Plan Review
- Special Presentation – Cycling in Minneapolis

#### VI. Committee & Member Reports

- Chair's Report
- Education Committee
  - Public School System Coordination
  - Watch for Me, NC 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
  - Streetscape Program Public Involvement Strategy – a report and recommendation will be made at this meeting

#### VII. Old Business

- Streetscape Improvement Program – Review existing prioritization criteria and draft project list

#### VIII. New Business

- Raleigh Union Station Update – Discuss opportunities for bicycle and pedestrian integration

#### IX. Announcements

- Upcoming Events – Please announce any events here
- Confirmation of Next BPAC meeting – November 19, 2012

#### X. Adjournment

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**DRAFT Meeting Minutes – September 17, 2012**

The City of Raleigh Bicycle & Pedestrian Advisory Commission met on Monday, September 17, 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  
Sig Hutchinson  
Steven Waters

**Staff:**

Fleming El-Amin, Transportation Planner  
Jennifer Baldwin, Bike/Ped Coordinator

**Absent**

Corey Bates (excused)  
Mike Dayton (excused)  
Aaron Peeler (excused)

**I. Introductions**

Mr. Wiggs called the meeting to order at 6:10pm and asked that everyone introduce themselves.

**II. Approval of Minutes**

Mr. Hutchinson moved approval of the meeting minutes from the July 18, 2012 meeting, which was properly seconded by Mr. Waters and approved by unanimous voice vote.

**III. Annual Elections**

Mr. Wiggs yielded the chair to Ms. Baldwin, who opened the floor for nominations for chair. Mr. Hutchinson nominated Mr. Wiggs, which was seconded by Mr. Waters. There being no other nominations, Mr. Wiggs was re-elected chair by unanimous voice vote. Ms. Baldwin opened the floor for nominations for vice-chair. Mr. Wiggs nominated Ms. Mitchell, which was seconded by Mr. Hutchinson. There being no other nominations, Ms. Mitchell was re-elected vice-chair by unanimous voice vote. Ms. Baldwin yielded the chair to Mr. Wiggs.

**IV. Public Comment**

No public comments presented.

**V. Staff Report**

Ms. Baldwin reported that the Six Forks Road Visioning Workshop is scheduled this Saturday, September 22<sup>nd</sup> at the First Citizens Center, 4300 Six Forks Road, from 8am-12:30pm. Ms. Baldwin also announced that the House Creek Greenway grand opening will be held on September 24<sup>th</sup>. Ms. Baldwin informed the commission that several bicycle projects were installed this month on Lassiter Mill Road, Oberlin Road, Faircloth Street, State Street, Hargett Street, and Clark Avenue.

Mr. Hutchinson informed the commission that the RGreenway app is now available for free download.

Mr. El-Amin reported that the Draft Comprehensive Pedestrian Plan is almost complete and ready for public review. The plan will be available for a 30 day public comment period and will be posted on the City's website. Mr. El-Amin also stated that a [pedestrian.plan@raleighnc.gov](mailto:pedestrian.plan@raleighnc.gov) email account has been created for the public comment period.

## **VI. Committee & Members Report**

**Chair's Report** – Mr. Wiggs stated that Mr. McCrodden has officially resigned from the commission due to his relocation to Virginia. Mr. Wiggs recognized Mr. McCrodden's service to the commission, especially his work within the Education Committee.

**Education Committee Report** – Ms. Baldwin stated that the Education Committee meetings have been put on hold until another commissioner is appointed to the committee. Ms. Baldwin informed the commission that the "Watch for Me, NC" campaign is moving forward with the enforcement component planned to begin in October. Mr. Hutchinson suggested distributing campaign materials to the Driver Education program in Wake County Public School System. Mr. Waters recommended participating in the Walnut Creek Festival in Motion on September 29<sup>th</sup>.

**Planning Committee Report** - Mr. Wiggs announced that the committee has been reviewing the City Code and all of its bicycle references. The committee plans to meet one more time to develop new language recommendations. Mr. Waters stated he has collected his notes from previous meetings and peer reviews.

**Special Events Committee**– Ms. Mitchell stated there was nothing to report on the PNC coordination item but that she was still actively pursuing options. Ms. Baldwin stated that the inaugural NC Bike Summit will be held on October 12-13<sup>th</sup> and encouraged the commissioners to promote registration. Ms. Baldwin also stated that International Walk to School Day is on October 3<sup>rd</sup> and Raleigh will be partnering with NCDOT's Safe Routes to School program to host an event at Wiley Elementary School.

**Communication Committee** – No report.

**Hillsborough Street Corridor Ad Hoc Committee** – Ms. Mitchell reported that the committee has developed a detailed report of bicycle recommendations for the corridor, from the State Capital to Cary's town limits. After further discussion, Mr. Wiggs made a motion to adopt the Hillsborough Street corridor bicycle facility report, which was properly seconded by Mr. Hutchinson and approved by unanimous voice vote. Mr. Wiggs made a separate motion to dissolve the Hillsborough Street Corridor Ad Hoc Committee, which was properly seconded by Mr. Waters and approved by unanimous voice vote.

## **VII. New Business**

**Streetscape Improvement Program**—Mr. El-Amin stated that the existing Streetscape Improvement Program priority list was adopted on October 5th, 2010. Staff presented a draft revised list of projects to City Council, who asked BPAC to develop a public involvement communication strategy. Mr. El-Amin presented the draft revised list and also discussed potential public involvement strategies. After further discussion, Ms. Mitchell made a motion to refer the development of a public involvement strategy to the communications committee. The motion was properly seconded by Dr. Butler and approved by unanimous voice vote.

Mr. Wiggs stated that the review of the draft Streetscape Improvement Program list and prioritization criteria will remain on the commission's agenda to be revisited during the October meeting.

## **VIII. Announcements**

Ms. Baldwin announced the Six Forks Corridor Visioning Workshop will be held from 8am-12:30pm on Saturday, September 22<sup>nd</sup> at the First Citizens Center, 4300 Six Forks Road.

Mr. Waters announced the Walnut Creek Festival in Motion will be held on September 29.

Ms. Baldwin announced that the House Creek Greenway grand opening will be held on September 24<sup>th</sup>.

Ms. Baldwin stated that October is Walk to School Month and October 3<sup>rd</sup> is International Walk to School Day.

Ms. Baldwin announced that the NC Bike Summit will be held on October 12-13<sup>th</sup> at the McKimmon Center in Raleigh, NC.

Paul Neville announced the Ridgewood Turkey Trot, to benefit the National MS Society, will be held on November 22<sup>nd</sup>, starting at 8am at the Ridgewood Shopping Center.

Mr. Wiggs announced that there will be Cyclo-Cross races at the Dix Campus on the mornings of September 22<sup>nd</sup> and 29<sup>th</sup>.

**IX. Adjournment**

With no further business, the meeting was adjourned at 7:25pm.

| Respectfully Submitted,

Jennifer Baldwin

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 spring 2013
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 spring 2013
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 60% complete.
Wade Avenue Improvement Project	Adding curb & gutter, sidewalks, wide outside lanes, and median refuges from Ridge Road to Faircloth Street	Under construction; 50% complete
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 spring of 2013
Marvino Lane	New alignment as a 3-lane section with curb & gutter and sidewalk on the west side	Design complete; construction scheduled to begin spring of 2013
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
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	Adopted by City Council on August 7, 2012
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.	Adopted by City Council on September 4, 2012
Blount/Person Corridor Study	Long range multimodal transportation study and streetscape plan from I-40 to Capital Blvd.	Project kickoff meeting scheduled for Oct. 22nd at AIA Headquarters, 14 E. Peace Street
Lake Wheeler Road Corridor Study	Long range multimodal transportation study from I-40 to Tryon Road.	Design Workshop held Nov, 2011; draft report complete
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 by CAMPO and NCDOT Rail.	Project scoping underway

Name	Description	Status
West Street Extension Study	NEPA study for proposed West Street Extension from Martin Street to Cabarrus Street	Consultant selected, currently negotiating contract
Six Forks Corridor Study	Long range multimodal transportation study and streetscape plan from Ramblewood Dr to Sandy Forks Rd	Visioning workshop held September 22, 2012
<b>Neighborhood Traffic Calming Program</b>		
Anderson Drive	Glenwood Ave to Six Forks Rd: Add Bike Lanes, realign intersection at Six Forks Rd	Bike lanes and sharrows installed; construction to be complete Dec 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 extesions, 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: add median islands, curb extensions, and new sidewalk on north side west of State Street	Public approved design; City Council review TBD
Rainwater Road	Spring Forest Rd to Hunting Ridge Rd: add median islands, curb extension, and mini-traffic circle	Design being revised based on public input
Milburnie Road	Raleigh Blvd to Chatham Ln	Under review
<b>Bicycle Projects</b>		
<b>STP-DA Grant Projects - FFY11 (Approved Projects)</b>		
	Hargett Street (S. West St to Tarboro Rd)	Complete
	S. State Street (Bragg Street to MLK Blvd)	Complete
	Clark Avenue (Faircloth St to St. Mary's St)	Complete
	Faircloth Street (Hillsborough St to Wade Ave)	Complete
	Oberlin Road (Hillsborough St to Glenwood Ave)	Complete
	Lassiter Mill Rd (Glenwood Ave to Camelot Dr)	Complete
<b>CMAQ Grant Projects FFY13</b>	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	Consultant selected, currently negotiating contract
<b>City Resurfacing Program</b>	None	
<b>NCDOT Resurfacing Program</b>	Resurface NCDOT streets and restripe per the Bike Plan	
	Gorman Street (Avent Ferry Road to Tryon Rd)	Under design
	New Bern Avenue (N Person Street to Raleigh Blvd)	Under review

Name	Description	Status
<b>Sidewalk and Pedestrian Improvement Projects</b>		
<b>FY13 Sidewalk Projects</b>		
	Clark Avenue (Woodburn to Bellwood)	Design underway; public meeting date TBD
	Green Road (New Hope Church Rd to Spring Forest Rd)	Design underway; public meeting date TBD
<b>Petition Projects</b>	None	
<b>STP-DA Grant Projects - FY11</b>		
	Falls of Neuse Rd/Wake Forest Rd (Hardimont Rd to Bland Rd/Pacific Dr)	Construction underway
	Lake Boone Trail (I-440 to Dixie Trail)	Construction underway
	Poole Rd (Sunnybrook Rd to Old Poole Rd)	Construction underway
	Calvary Dr (Green Rd to Capital Blvd)	Construction underway
	Wade Ave (Dogwood Ln to Hymettus Ct)	Construction underway
	Fox Rd (Werribee Dr to I-540 Bridge)	Construction underway
	New Hope Church Rd (Green Rd to Ingram Dr)	Construction underway
<b>STP-DA Grant Projects - FFY12</b>		
	Creedmoor Road (Glenwood Ave to Strickland Rd)	Design complete; construction scheduled to begin Spring 2013
	Lake Wheeler Road (Centennial Parkway to Tryon Rd)	Design complete; construction scheduled to begin Spring 2013
<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

Name	Description	Status
<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 Fayetteville
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 Horsehoe Farm Park - 1 mile.	In design; construction bids are expected to be advertised early 2013.
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 Nov 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 Oct 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.	Under construction; expected to be complete by March 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 Nov 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 Nov 2012.
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.	Complete
Honeycutt Creek Trail	From the Mine Creek Greenway Corridor to the South Shore Trail at Falls Lake - 5.7 miles.	Construction bids expected at the end of Sept 2012
Walnut Creek Trail Extension	From Rose Lane to New Hope Road - 2.9 miles	Construction bids expected at the end of Sept 2012
Walnut Creek Trail Extension	From New Hope Road to the Neuse River Trail - 1.6 miles.	Construction bids expected at the end of Sept 2012
Crabtree Creek Trail Extension	Extends from Milburnie Road to the Neuse River Trail and is approximately 4.1 miles long.	In design; Construction bids expected in early 2013
<b>Active NCDOT Projects</b>		
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 scheduled to be complete by end of 2012
B-4660 - Falls of Neuse/Neuse River Bridge Replacement	Replace Falls of Neuse Bridge over the Neuse River; includes greenway improvements and connection to Forest Ridge Park	Under construction
B-4656 - Hillsborough St/Western Blvd Bridge Replacement	Decommission existing flyover bridge at Western Boulevard and Hillsborough Street, and install curb and gutter and sidewalk improvements from Jones Franklin Road to Etta Burke Court	To be let for construction in Fall 2012
B-4946 - US 70/401 Split	Replace existing highway flyover on US 401 at US 70	NEPA study underway
B-5121 - Capital Blvd/Peace St Bridge Replacement	Replace existing bridge on Capital Boulevard at Peace Street	NEPA study underway; construction planned for FFY16



Name	Description	Status
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
B-5317 - Capital Blvd/Wade Ave Bridge Replacement	Replace existing bridge on Wade Avenue at Capital Boulevard	NEPA study underway; construction planned for FFY16
FS-1005A I-40 Widening	Evaluate widening of I-40 to eight lanes from I-440/US 1 to Lake Wheeler Road	Feasibility study underway
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; currently unfunded
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
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
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	Final design underway
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 underway
Brier Creek Parkway/US 70 Interchange	Convert intersection of US 70 and Brier Creek parkway to a grade-separated interchange	Identified for funding under Mobility Fund
US 1 Pedestrian Study	Evaluate pedestrian safety countermeasures along Capital Boulevard from I-440 to Calvary Drive	Complete
Trailwood Rd bridge replacement	Replace existing bridge on Trailwood Road over Walnut Creek; includes bike lane and greenway link improvements.	Design/build project
Trinity Rd Pedestrian Tunnels	Evaluate the feasibility for constructing pedestrian tunnels under Trinity Road near Carter-Finley Stadium	Feasibility study underway



October 11, 2012

## MEMORANDUM

TO: Raleigh Bicycle & Pedestrian Advisory Commission

FROM: Fleming A. El-Amin II, AICP  
Transportation Planner, Office of Transportation Planning

SUBJECT: Streetscape Project Prioritization – Public Outreach Strategy

On October 2, the Communications Committee met to develop a public involvement strategy for input on Streetscape Project List. Below are the recommendations, follow-up items, and tentative schedule.

### Recommendations for Public Involvement and Outreach

- The committee recommends that BPAC solicit public comments on the updated streetscape project list and project benefit ranking criteria.
  - The committee recommends that current streetscape evaluation point system be updated to provide greater weight to the most important streetscape ranking criteria (to be informed by public input).
  - The committee recommends that BPAC review the streetscape project evaluation criteria to determine if any additional ranking factors are warranted and/or if any existing criteria should no longer be considered (to be informed by public input).

### Follow-up Items

- Determine a date, location, and time for a public Open House meeting in late November.
- Develop a flyer that includes information on the streetscape program and public input opportunities.
- Information Dissemination Methods:
  - Coordination with Citizen Advisory Councils (RCAC/CAC Chairs)
  - Coordination with other City Boards and Commissions
  - City of Raleigh Press Release
  - Raleigh Planning and Development Newsletter
  - GovDelivery/BPAC Email Distribution List
  - City/BPAC webpage
  - BPAC Facebook

### Schedule

The committee recommends that the updated streetscape project list and project benefit evaluation criteria are released for public comment within one week following approval of BPAC recommendations by City Council. The public input process should take place of a minimum of thirty days.

Attached are copies of the existing streetscape project benefit evaluation criteria and the draft updated project list. Please let me know if you have any questions about these or any other projects.

## **Streetscape Improvement Projects: Prioritization Methodology**

A qualitative scoring system for ranking proposed Streetscape Improvement Projects has been developed. This system has been used to score and rank proposed streetscape projects based on an analysis of project benefits. Scores will be based on the best information available at the time of ranking, and should not be regarded as a definitive pronouncement on a project's worth. The scoring system can also help identify strengths and weaknesses of the proposed projects, and how any weaknesses could be rectified through project modifications or further planning.

### **Project Benefits**

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The Project Benefits include implementation of adopted plans; improvements to community appearance; and enhancements to public safety and community value (investment).

#### **2030 Comp Plan Action Item**

Projects specifically identified as an action item, adopted Area Plan, or other special purpose plan.

#### **Reinvestment Areas**

Projects that are located in a Target Area for Economic Development, as shown on Map ED-1 in the Comprehensive Plan, and/or projects located in a neighborhood in need of stabilization or revitalization (based on field observation).

#### **Infrastructure/Appearance Enhancement**

Projects are scored based on the opportunity rectify existing deficiencies with regards to infrastructure adequacy and community appearance. Projects that upgrade deficient or deteriorated infrastructure and those that have a significant positive appearance impact should receive additional consideration.

#### **Pedestrian Safety**

This criterion is based on an analysis of pedestrian accidents within the project area. Projects receive points based on a quartile score when compared with other project street segments, based on the number of pedestrian accidents recorded in the project area.

#### **Pedestrian Demand**

While pedestrian counts are not available for most project areas, projects are assigned points based on observed levels of pedestrian activity; evidence of pedestrian activity (i.e. "goat trails" or "desire lines"); and whether the built form is of a type that typically generates pedestrian activity.

#### **Cycling Integration**

Projects are awarded points based upon the inclusion of bike facilities in the scope of the streetscape project.

### **Traffic Volume**

The purpose of this category is to prioritize projects located in highly-trafficked, hence highly visible locations.

### **Transit Support**

Projects located on an identified Multi-Modal Corridor in the Comprehensive Plan and/or located within a half-mile of a planned fixed-guideway transit station.

### **Return on Investment**

This category requires an assessment of the extent to which the project has the potential to catalyze private investment, based on the presence of development/redevelopment sites, commercial potential, and market demand. Projects targeting corridors where little development is possible or anticipated will be awarded low scores, while projects with significant development potential will receive high scores. The score will be based in large part on a “soft site” inventory along the corridors. As a rough rule of thumb, private investment needs to be 15 times the level of public investment to reach a rough break-even in terms of tax increment versus capital debt service.

Proposed Streetscape Improvement Projects						
	Project Name	Location	Type	Description	Origin/Reference	Status
1	Avent Ferry Road	From Western Blvd to Gorman Street	Rehab existing infrastructure/ Construction Planning	Upgrade sidewalks, crosswalks, pedestrian refuge islands, medians, and street trees	NCSU Request	No CIP Funding Programmed
2	Blue Ridge Rd District Study - Segment 1	From Reedy Creek Road to Wade Avenue	New infrastructure/ Construction Planning	Upgrade sidewalks, crosswalks, pedestrian refuge islands, enhanced landscaped median, and street trees	Blue Ridge Road District Study	90% Complete, final design public meeting held on 7/12/12
3	Blue Ridge Rd District Study - Segment 2	From Edwards Mill Road to Ready Creek Road	New infrastructure/ Construction	Upgrade sidewalks, crosswalks, pedestrian refuge islands, and enhanced landscaping	Blue Ridge Road District Study	90% Complete, final design public meeting held on 7/12/12
4	Blue Ridge Rd District Study - Segment 3	From Wade Avenue to Hillsborough Street	New infrastructure/Construction Planning	Curb & gutter, sidewalk, crosswalks, pedestrian refuge islands, and enhanced landscaping	Blue Ridge Road District Study	90% Complete, final design public meeting held on 7/12/12
5	Blue Ridge Rd District Study - Segment 4	From Hillsborough Street to Western Blvd	New infrastructure/Construction Planning	Upgrade sidewalks, crosswalks, pedestrian refuge islands, and enhanced landscaping	Blue Ridge Road District Study	90% Complete, final design public meeting held on 7/12/12
6	Boylan Avenue	From Western Blvd to Willis Forest Street (Fred Fletcher Park)	Rehab /Green Street Construction Planning	Upgrade pedestrian facilities, landscaping, plant strips, wider sidewalks, bicycle lanes, mid-block crossings, wayfinding signage, pedestrian scale lighting, stormwater management upgrades	2030 Comp Plan – Action Plan, Downtown Raleigh (DT-2.8) Map DT.4	Need to identify specific priority areas, prepare design drawings and estimate cost.
7	Cabarrus Street	From Chavis Way to Dorothea Drive	Rehab /Green Street Construction Planning	Upgrade pedestrian facilities, landscaping, plant strips, wider sidewalks, bicycle lanes, mid-block crossings, wayfinding signage, pedestrian scale lighting, stormwater management upgrades	2030 Comp Plan – Action Plan, Downtown Raleigh (DT-2.8) Map DT.4	Need to identify specific priority areas, prepare design drawings and estimate cost.
8	Downtown West Gateway Streetscape- Phase I	South Street – S. Saunders Street to Dawson Street; Lenoir Street – Wilmington Street to East Street	Rehab existing infrastructure/Construction Planning	The two-way conversion of South and Lenoir Streets includes traffic signal modifications, crosswalks, sidewalk upgrades, and bicycle accommodation.	2030 Comp Plan – Action Plan, Downtown West Gateway (AP-DWG 5)	South Lenoir two-way conversion project is funded and under design
9	Downtown West Gateway Streetscape –Phase II	Cabarrus Street – Dawson Street to Florence Street.	Rehab existing infrastructure/ Design Planning	Business access coordination, sidewalk repairs/replacement, street trees, overhead utility consolidation/cleanup.	2030 Comp Plan – Action Plan, Downtown West Gateway (AP-DWG 5)	No CIP Funding Programmed
10	Falls of Neuse Road	From Carlos Drive to Hunting Ridge Road	Rehab existing infrastructure/Design Planning	Various streetscape treatment s including medians, intersection improvements, street trees, landscaped medians, pedestrian connections, crosswalks and signalization enhancements	Staff Recommendation	No CIP Funding Programmed
11	Five Points Streetscape	Glenwood Ave - Harvey St to north of White Oak Rd; Fairview Rd - Scales St to south of Jarvis Street; Glenn Ave – Vance St to Glenwood Ave; Whitaker Mill Rd – Glenwood Ave to Sunset Dr.	Rehab existing infrastructure/Construction Planning	Street trees, sidewalk replacement, utility undergrounding, street lighting, traffic signal pole and mast arms and pedestrian furniture	Citizen request	Merchant group organized. Visioning charrette held September 26, 2010.
12	Hillsborough Street –Phase II (Rosemary)	From Gardner Street to Rosemary Street	Rehab existing infrastructure/Construction Planning	Business access coordination, sidewalk repairs/replacement, round-about, street trees between curb and sidewalk, overhead utility consolidation/cleanup	City initiated	Included in 2011 Transportation Bond, Design funded in FY13 CIP
13	Hillsborough Street – Phase III (Gorman)	From Rosemary Street to Gorman Street	Rehab existing infrastructure/Construction Planning	Business access coordination, sidewalk repairs/replacement, round-about, street trees between curb and sidewalk, overhead utility consolidation/cleanup	City initiated	No CIP Funding Programmed
14	Hillsborough Street – Phase IV (Cameron)	From Morgan Street to Oberlin Road	Rehab existing infrastructure/ Construction Planning	Business access coordination, sidewalk repairs/replacement, round-about, street trees between curb and sidewalk, overhead utility consolidation/cleanup	2030 Comp Plan – Action Plan, Cameron Park Area Plan (AP-CP 1).	No CIP Funding Programmed
15	Hillsborough Street – Phase V (Meredith)	From Gorman Street to I-440	Rehab existing infrastructure/ Design Planning	Business access coordination, sidewalk repairs/replacement, round-about, street trees between curb and sidewalk, overhead utility consolidation/cleanup	City/Meredith College	No CIP Funding Programmed
16	Hillsborough Street – Phase VI (Westover)	From Blue Ridge Road to Chapel Hill Road	New infrastructure/ Construction Planning	Sidewalks and curb & gutter in Fairgrounds area, round-about at Hillsborough/Chapel Hill and adding on-street parking around the hardware store	2030 Comp Plan – Action Plan, Arena Area Plan (AP-A 1).	No CIP Funding Programmed

# **Streetscape Improvement Projects: Prioritization**

## **Methodology**

A qualitative scoring system for ranking proposed Streetscape Improvement Projects has been developed by the Department of City Planning and the Transportation Services division of the Department of Public Works. The system will be used to score and rank proposed streetscape projects based on an analysis of project benefits and project feasibility. Scores will be based on the best information available at the time of ranking, and should not be regarded as a definitive pronouncement on a project's worth. Rather, the scoring system can also help identify strengths and weaknesses of the proposed projects, and how any weaknesses could be rectified through project modifications or further planning. In this way, it is as much a tool for improving the benefits and feasibility of projects as for ranking and prioritizing them.

### **Project Benefits (21 points, 64 percent)**

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The Project Benefits category totals 21 points or 64 percent of total points in the scoring system. A total of nine project benefits are identified below, including a description and total scores. Benefits include implementation of adopted plans; improvements to community appearance; and enhancements to public safety and community value (investment).

#### **2030 Comp Plan Action Item (2 points)**

Projects that are not mentioned in the Comprehensive Plan get 0 points. Projects specifically identified as an action item get 1 point. Projects also identified in an adopted Area Plan or other special purpose plan receives 2 points.

#### **Reinvestment Areas (2 points)**

Projects that are located in a Target Area for Economic Development, as shown on Map ED-1 in the Comprehensive Plan are awarded 1 point. Projects located in a neighborhood in need of stabilization or revitalization (based on field observation) are also awarded 1 point. A maximum of 2 points may be awarded if both conditions are met.

#### **Infrastructure/Appearance Enhancement (2 points)**

Projects are scored based on the opportunity rectify existing deficiencies with regards to infrastructure adequacy and community appearance. Projects that upgrade deficient or deteriorated infrastructure get one point, and those that have a significant positive appearance impact get an additional point.

**Pedestrian Safety (3 points)**

Projects get between 0 and 3 points based on analysis of pedestrian accidents within the project area. Projects receive points based on a quartile score when compared with other project street segments, based on the number of pedestrian accidents recorded in the project area.

**Pedestrian Demand (2 points)**

While pedestrian counts are not available for most project areas, projects are assigned points based on observed levels of pedestrian activity; evidence of pedestrian activity (i.e. “goat trails” or “desire lines”); and whether the built form is of a type that typically generates pedestrian activity.

**Cycling Accommodation (3 points)**

Projects are awarded either 0 or 3 points based upon the inclusion of bike facilities in the scope of the streetscape project. Projects with bike facilities receive 3 points.

**Traffic Volume (2 points)**

The purpose of this category is to prioritize projects located in highly-trafficked, hence highly visible locations. Roadways with an Average Daily Traffic (ADT) counts of less than 10,000 vehicles/day get 0 points; 10,000 to less than 20,000 ADT, 1 point; and 20,000 and above ADT, 2 points.

**Transit Support (2 points)**

Projects receive 1 point for being located on an identified Multi-Modal Corridor in the Comprehensive Plan, and an additional point if also located within a half-mile of a fixed-guideway transit station. Two points are automatically awarded if within a quarter-mile of a fixed-guideway transit station.

**Return on Investment (3 points)**

This category requires an assessment of the extent to which the project has the potential to catalyze private investment, based on the presence of development/redevelopment sites, commercial potential, and market demand. Projects targeting corridors where little development is possible or anticipated will be awarded low scores, while projects with significant development potential will receive high scores. The score will be based in large part on a “soft site” inventory along the corridors. As a rough rule of thumb, private investment needs to be 15 times the level of public investment to reach a rough break-even in terms of tax increment versus capital debt service.

## **Project Feasibility (12 points, 36 percent)**

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Project feasibility measures the likelihood of the project obtaining funding and moving forward to implementation. By definition, projects more advanced in the planning stages will score higher in many of these categories, and so feasibility rankings can be expected to change over time as project plans are developed. Projects with strong benefit scores but low feasibility scores should be targeted for more detailed future planning. Twelve points can be awarded across 6 categories.

### **Funding in CIP (2 points)**

Projects with no prior CIP funding would be awarded 0 points. Those with funding less than estimated project costs get 1 point, and those with sufficient funding are awarded 2 points.

### **Inclusion in Other CIP Project (1 point)**

Project are given 1 point if they can piggy-back on another scheduled capital project, such as a utility line replacement, a roadway resurfacing, or other public investment.

### **Level of Planning (3 points)**

Projects that are simply an idea are awarded 0 points. Projects with a completed concept plan get 1 point, and projects with schematic designs and reliable cost estimates get 2 points, and projects with design development or construction documentation receive 3 points.

### **Reasonableness of Costs (3 points)**

Projects are awarded points based on estimated costs per linear unit. To avoid penalizing urban projects with more intensive streetscape interventions, the scoring should take into account whether the costs involved in the project are higher or lower than what would be typical for similar projects.

### **Leverages Outside Funds (2 points)**

Projects are awarded points to based on the likelihood that the project can leverage state, federal or private dollars in addition to City capital dollars. One point is awarded if the contribution is anticipated to be less than 25 percent of project costs, and two points are given if it is greater.

### **Partnerships (1 point)**

Projects are given 1 point to the extent that partners, such as private developers, NCDOT, or other outside agencies, are available and willing to partner in implementation.