Introduction

From project web page:

In 2009, Cabarrus Street was identified in the 2030 Comprehensive as a priority Green Street (see map DT-4, on page 340 in the plan). In 2013, a prioritization of future streetscape projects placed East Cabarrus near the top of the list. Work is now underway to implement this part of the Comprehensive Plan and make East Cabarrus downtown Raleigh’s first green street. The project area is from Wilmington Street to Swain Street along East Cabarrus in downtown Raleigh and the East Raleigh-South Park Historic District.

The East Cabarrus Green Street will focus on improvements to make the street a safer and more inviting pedestrian environment while installing green infrastructure to improve water quality and reduce energy consumption. Improved and additional sidewalks, stormwater infiltration in landscaped curb extensions, and improved LED street lighting are all anticipated to be major components of the project. The plan is also expected to serve the function of an adopted streetscape plan in the Unified Development Ordinance (UDO).
Agenda

• Introduction
  – Participants
  – Project Background

• Small group discussion
  – Strengths, Opportunities, Weakness, Threats
  – Desires
  – Related plans/initiatives

• Full group discussion
  – Cross section, elements, intersection treatments, midblock treatments
  – Priorities
  – Wider West Section
  – Narrower East Section

• Discussion of next steps
Streetscape Priority

CITY OF RALEIGH OFFICE OF TRANSPORTATION PLANNING
COMPREHENSIVE PEDESTRIAN PLAN
STREETSCAPES PROJECT MAP
January 30, 2013

PRIORITIZED STREETSCAPE PROJECTS

1. Hillsborough Street – Phase II (Rosemary): From Gardner Street to Rosemary Street
2. Oberlin Road: From Bedford Road to Clark Avenue
3. Hillsborough Street – Phase IV (Cameron): From Morgan Street to Oberlin Road
4. E. Cabarrus Street - W. Memorial to Chavis Way
5. New Bern/Edenton Corridor: From Swan Street to Raleigh Blvd
6. Salisbury Street: Morgan Street to South Street
7. Wilmington Street: Morgan Street to South Street
8. Blue Ridge Rd District Study - Segment 3: From Wade Avenue to Hillsborough Street
9. Blue Ridge Rd District Study - Segment 4: From Hillsborough Street to Western Blvd
10. Avent Ferry Road: From Western Blvd to Gorman Street
11. West Morgan Street: From St. Mary’s Street to Hillsborough Street
12. Hillsborough Street – Phase VI (Westover) From Blue Ridge Road to Chapel Hill Road
13. Hillsborough Street – Phase III (Gorman) From Rosemary Street to Gorman Street
14. Peace Street East: From West Street to Person Street
15. New Bern Avenue East – Phase II: From Trawick to New Hope Road
16. New Bern Avenue East – Phase I: From Sunnybrook Road to Trawick Road
17. W. Martin Street: Salisbury Street to West Street
18. Wilmington Street @ MLK Jr. Blvd: Intersection of Wilmington Street with MLK Jr. Boulevard
19. Hillsborough Street – Phase V (Meredith): From Gorman Street to L.440
20. Wake Forest Road – Mordecai: Delway Street to Capital Blvd
21. Poole Road Streetscape: New Bern Ave to MLK Blvd
22. Trinity Road: Between Blue Ridge Road and Edwards Mill Road
23. Blue Ridge Rd District Study - Segment 1: From Reedy Creek Road to Wade Avenue
24. Blue Ridge Rd District Study - Segment 2: From Edwards Mill Road to Reedy Creek Road
25. W. Cabarrus Street: Dorthea Drive to Salisbury Street
26. Martin L. King, Jr. Blvd: From W. Memorial Street to State Street
27. Boylan Avenue: From Western Blvd to Willis Forest Street (Fred Fletcher Park)
28. Person Street: Peace Street to Delway Street
29. Wake Forest Road: North I-440 to St. Albans Drive
30. Falls of Neuse Road: From Carlos Drive to Hunting Ridge Road
31. Five Points Streetscape: Glenwood Ave – Harvey St to Alexander Rd; Fairview Rd - Glenwood Ave to Scales St;
32. Glenwood Ave – Glenwood Ave to Vance St; Whitaker Mill Rd – Glenwood Ave to Pine Dr;
33. Tarboro/Oakwood Area: Oakwood Ave from Tarboro Rd to Raleigh Blvd; Tarboro Road from Oakwood Ave to Edenton Street
34. Clyde East Raleigh Streetscapes: Neighborhood area including Martin Street and Lenoir Street generally between
35. Chavis Way and Rock Quarry Road
36. Whitaker Mill Road Streetscape: From Pine Drive to Wake Forest Road
37. Sandford / Creek Road Intersection, Northwest corner of intersection
Green Streets

From 2030 Comprehensive Plan

Policy DT 2.9
Downtown Green Streets
Preserve and expand the City’s greenway system along Green Streets in downtown, using it to help connect housing, employment, commercial, and recreational areas. (3, 4, 5, 6)

Action DT 2.8

Green Street Design Standards

- Study, schedule, design, and fund new facilities that integrate sustainable streetscape technologies for the Green Streets identified on Map DT-4. Use initial implementation of Green Streets to refine the concept and identify additional streets where implementation is appropriate.

Green Streets should include:

- Pedestrian amenities;
- Landscaped planting strips where space permits;
- Wider sidewalks, bicycle lanes, and mid-block crossings;
- Recommended speed limit maximums of 25 mph;
- Signage and wayfinding embedded into the concrete that clearly denotes the street as a “green street” and provides information about greenway connections;
- Pedestrian-scaled, energy-saving “light-emitting diode” (LED) street lighting; and
- Innovative stormwater management facilities such as porous pavers, tree boxes, and rain gardens.
Some Potential Design Elements

- **Sidewalks:**
  - Improved/widened sidewalks
  - Some new street trees
  - Complete missing sidewalks.

- **Curb extensions**
  - Intersections or mid block
  - Can include stormwater treatment

- **Upgraded Pedestrian LED streetlights**

- **Utilities:** Partial burial

- **Historic Resources**

- **Stormwater**
  - Pervious paver parking lanes
  - Infiltration curb extensions
  - Off-street @ SE corner of East St.

- **Convert Bloodworth intersection from signal to stop-controlled.**
Stormwater Curb Extensions

Cues to care / manicured look
Streetlights

Some of the options Duke Energy Progress currently has for pedestrian streetlights.

**DELUXE ACORN**
This enhanced Victorian-style fixture adds curb appeal to any walkway or sidewalk and dramatically limits unwanted “up light.” It is available on multiple pole styles and a mounting height of 12 ft.
Colors: Black Green

**SIX-SIDED TRADITIONAL**
The six-sided traditional is designed to reduce light pollution while still providing excellent lighting and aesthetics. It is typically used for sidewalk and pathway lighting and is available on multiple pole styles and a mounting height of 12 ft.
Colors: Black Green

**DELUXE TRADITIONAL**
This elegant colonial style fixture makes a dramatic statement as it lights walkways and pathways and comes on multiple pole styles and a mounting height of 12 ft.
Colors: Black

**OPEN TRADITIONAL**
This environmentally-friendly fixture provides an installation with curb appeal and is available on multiple pole styles and a mounting height of 12 ft.
Colors: Black Green

**ACORN**
Reminiscent of turn-of-the-century lights, this is the perfect choice for historic neighborhoods and revitalized downtown areas. Typically used for sidewalk and pathway lighting, it is available on multiple pole styles and a mounting height of 12 ft.
Colors: Black Green

**TRADITIONAL**
The Traditional fixture fits any neighborhood and provides pathway lighting. It is available on multiple pole styles and a mounting height of 12 ft.
Colors: Black

**POST TOP**
This attractive colonial style fixture is a perfect residential light and an ideal complement to any home. The post top light mounts on an 8-ft. pole.
Colors: Black

**TEARDROP**
This beautiful fixture is multifunctional and adds elegance wherever it is placed. The Teardrop is used to light sidewalks, pathways, parking lots and streets and has mounting heights of 15 ft. and 25 ft. There are two options available for brackets.
Colors: Black Green
Available on pole style “C” only.
~114 E. Cabarrus

COR parking deck on the north; parking near Lincoln Theatre on the south.
~128 E. Cabarrus

Residential-wrapped garage on the north; Lincoln Theatre on the south.
~205 E. Cabarrus

Historic Prince Hall Masonic Temple on the north; Tupper Memorial Baptist Church on the south.
~225 E. Cabarrus

Single family residential on the north; multi-family on the south.
~315 E. Cabarrus

Generally single family residential on both sides of the street.
~400 E. Cabarrus

Carlton Place multi family residential on the north; single family residential side yard and city property on the south.
Cabarrus @ East

Carlton Place and single family residential on the north; vacant city property on the south. Cabarrus Street narrows east of East Street.
Chavis Way greenway crosses Cabarrus east of the intersection. Many missing sidewalks and generally single family residential buildings.
Single family residential and public housing on the north; Rush Metropolitan African Methodist Episcopal Zion on the south.
Cabarrus Street Streetscape

Proposed Zoning

Map Created By: Dan Hoff, Office of Transportation Planning

The UDO Zoning shown is a Public Review Draft, please see www.raleighudo.us for the latest information and updates.

08/22/14
Cabarrus Street Streetscape

CAT Bus Network and Stops

Boarding information has been shown as a pie graph at each bus stop location where green is the portion of boarding passengers and red is the portion of alighting passengers, with the total labeled in the center.
Cabarrus Street Streetscape

Pedestrian Circulation

Map Created By: Dan Hoff, Office of Transportation Planning

Cabarrus Street Streetscape Corridor

Parcels
Buildings
Streets
Parks
Existing Sidewalk
Greenway Trails
Crosswalks

0 75 150 300 450 600 Feet

08/22/14

office of transportation planning
Cabarrus Street Streetscape

Proposed Bicycle Network

- Sharrow, Stripe
- Wide Lane, Restripe
- Bicycle Lane, Road Diet
- Bicycle Lane, Stripe
- Bicycle Lane, Restripe
- Bicycle Lane, New Construction
- Paved Shoulder, New Construction
- Bicycle Lane, Existing

Map Created By: Dan Hoff, Office of Transportation Planning