

# Honeycutt Creek Greenway



**30% Design Public Meeting**  
September 30, 2008



September 30, 2008 Public Meeting



# Introduction

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## City of Raleigh

- **Vic Lebsock**  
Senior Greenway Planner
- **Lisa Potts**  
Greenway Planner

City of Raleigh  
P.O. Box 590, P&R 6201  
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## WSP ▪ SELLS

- **Andy Hadsell, PE, CFM**  
Project Manager
- **Beth Lewis, AICP**  
Planning Services
- **Mike Surasky, PE, PTOE**  
Transportation Planning and Design



# Capital Area Greenway Master Plan

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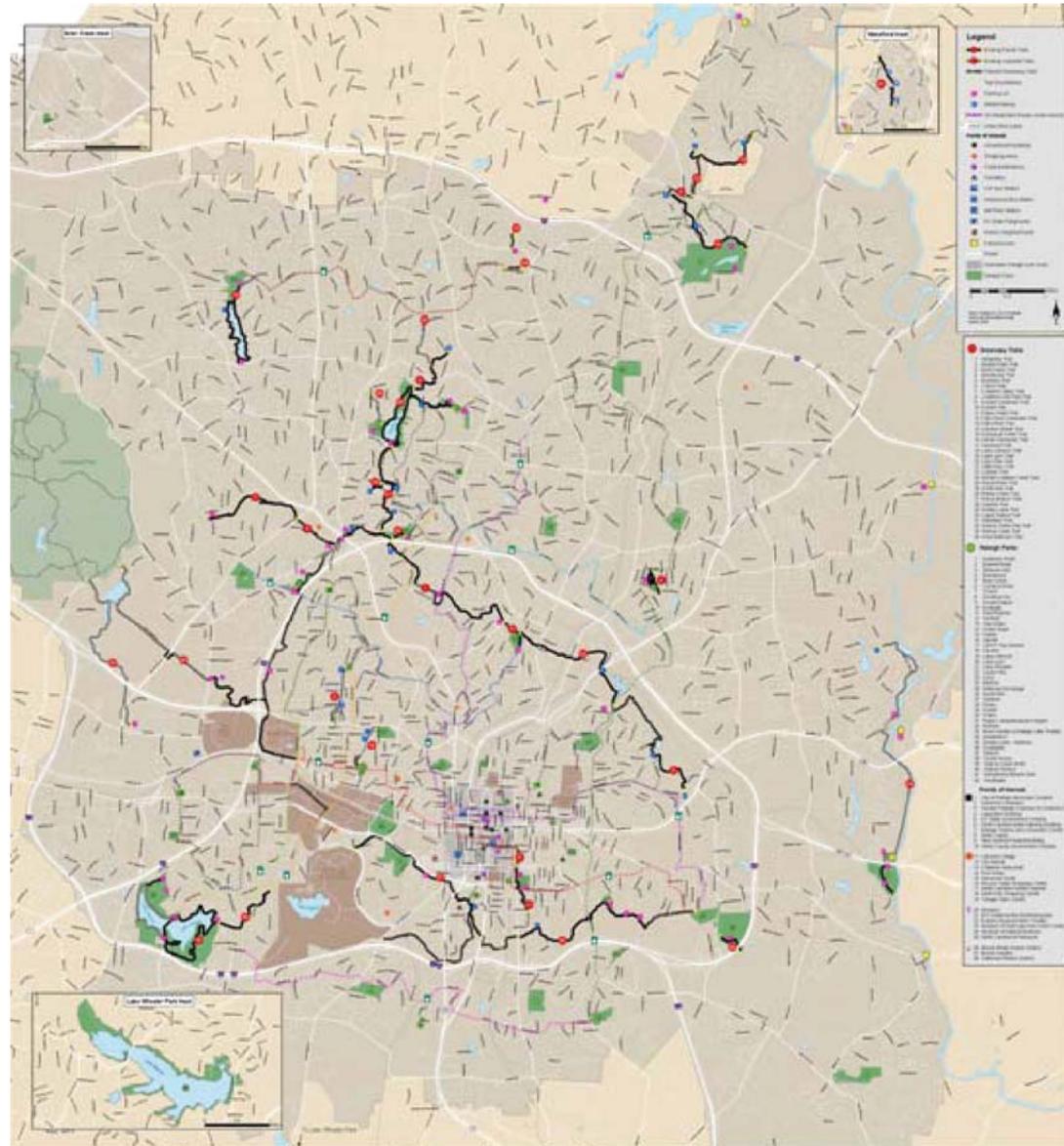
The Capital Area Greenway Master Plan was first adopted by the City Council in 1976 and includes over **270 miles** of stream corridors identified for protection and the development of a greenway system.

## Goals:

- Establish closed network of interconnected trails
- Compliment uses of open space and parks
- Showcase major ecological features

**56 miles – 3000 acres** - have been constructed to date

City website provides maps, ongoing project information, and guides for etiquette, rules, and safety.





# Project Background

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- Funded in 2003 Parks & Recreation Bond and Authorized for \$1.5M by City Council
- Approximately 6 miles of new greenway trail
  - Extends north from current endpoint of existing greenway section along Mine Creek corridor at Long Street
  - Continues along East Fork Mine Creek to West Millbrook Middle School/Park and Honeycutt Park north of I-540
  - Connects at the north to Falls Lake at Raven Ridge Road
- 16 expected roadway crossings
- 31 expected stream crossings



*Existing Trail to Shelley Lake*

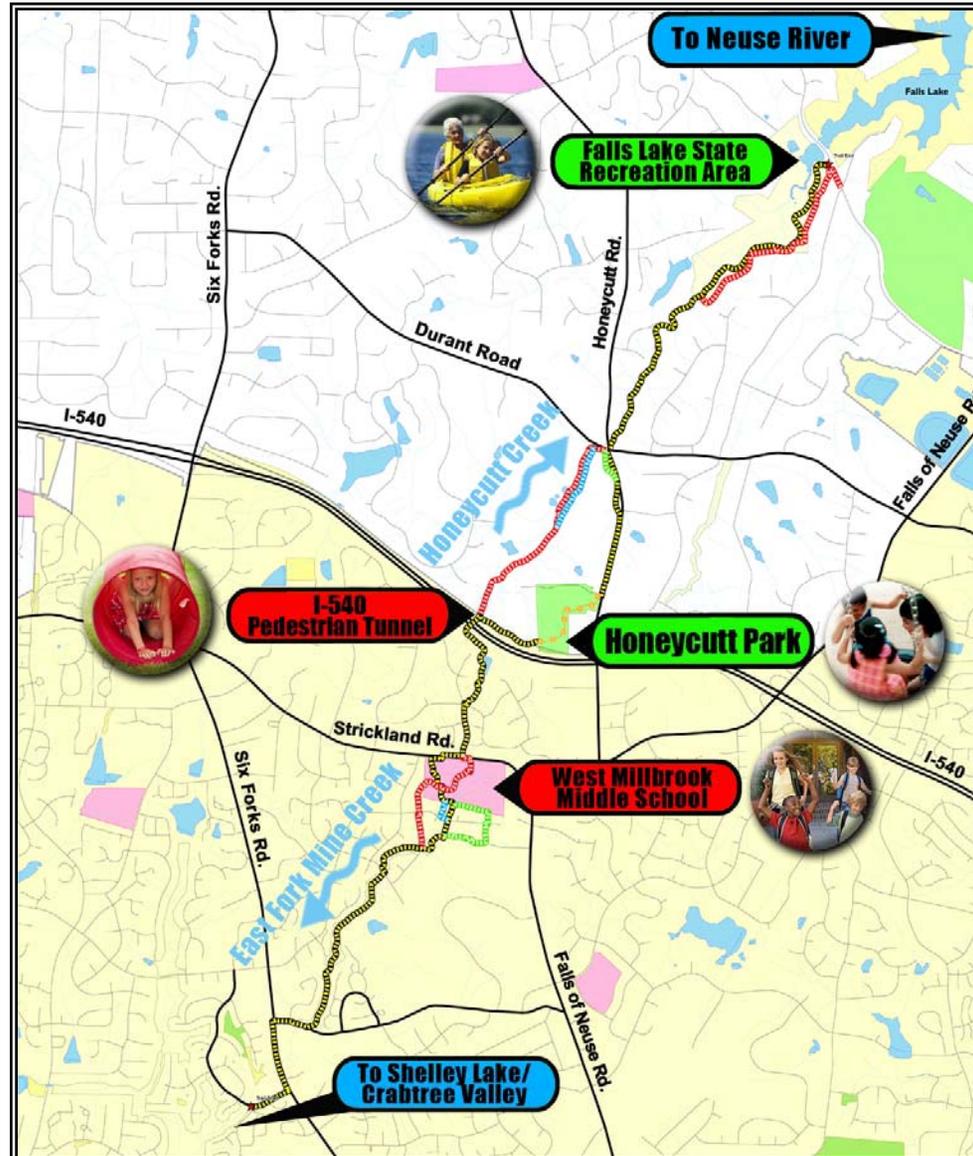


*Honeycutt Creek at Falls Lake*



# Project Map

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# General Design Considerations

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- Typical Cross Section is 10-foot wide Asphalt Path
- **Theme:** Provide for Safety of Users
  - Grade Generally Not to Exceed 8%
  - Curve Radius Generally Not to Exceed 95'
  - Evaluation of Alternatives for Each Road Crossing
- **Theme:** Avoid and Minimize Impacts
  - Bridges – Significant Stream Crossings
  - Boardwalks – Environmentally Sensitive Areas
  - Retaining Walls – Management of Steep Slopes



*Staggered Crosswalk Alternative*



*Typical Elevated Boardwalk Section*



*Typical Trail Section at Honeycutt Park*



# Design Points-of-Interest

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## Strickland South

- **Key Connection:** Shelley Lake Trail to the south
- **Key Access Point:** West Millbrook Park and Middle School
- **Ongoing Alternatives Analysis:** Connecting East Fork Mine Creek floodplain to Strickland Road
  - Reviewing multiple alternatives including as many as 8 combinations of short sections
  - Existing greenway easements being considered
  - Significant design constraints related to available area, existing structures and facilities, and impacts to stream
  - ***We need your input!***
- **Major Design Elements**
  - Enhancing existing sidewalk along multiple roadways
  - Creating a new crosswalk at intersection of Six Forks and Newton
  - Utilizing and protecting the floodplain along East Fork Mine Creek
  - Providing pedestrian crossing of Strickland Road





# Design Points-of-Interest

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## I-540 and Honeycutt Creek South

- **Key Connection:** Provides connectivity across I-540
- **Key Access Point:** Honeycutt Park
- **Ongoing Alternatives Analysis:** Connecting I-540 Pedestrian Tunnel to the intersection of Honeycutt and Durant
  - Connection to Park will be provided
  - Evaluating use of floodplain versus creating trail adjacent to Honeycutt Road
  - Significant efforts to manage impacts to streams
- **Major Design Elements**
  - Using existing greenway easements through Bent Tree neighborhood
  - Opening the existing pedestrian tunnel under I-540
  - Creating a connection to Honeycutt Park



After





# Design Points-of-Interest

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## Honeycutt Creek North

- **Key Connection:** Falls Lake hiking trails at Raven Ridge Road
- **Key Access Point:** Honeycutt Park
- **Ongoing Alternatives Analysis:** Interaction of trail system with existing land uses on US Army Corps property at Falls Lake
  - NC Wildlife Resource Commission uses land for bow hunting
  - Need to preserve natural environment
  - Potential for trail to transition to natural surface hiking trail
- **Major Design Elements**
  - Providing a two motion crossing at Honeycutt and Durant
  - Following Honeycutt Creek as it flows downstream to the north
  - Outstanding ecological features in a rural trail setting
  - Potential for alternate surface and cross section





# Project Schedule

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Planning and Design Start.....	<b>April 2007</b>
Initiation of Public Information Program.....	<b>May 2007</b>
General Field Investigation of Alignment.....	<b>June 2007</b>
Public Information Meeting – 30% Design.....	<b>September 2008</b>
Permitting.....	<b>October 2008 – June 2009</b>
Additional Public Meetings.....	<b>As Needed</b>
100% Design Complete.....	<b>June 2009</b>
Project Bid.....	<b>August 2009</b>
Start Construction.....	<b>September 2009</b>
End Construction.....	<b>August 2010</b>



# Conclusion

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## Contact Information:

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**Presentation and Project Information Available at:**

<http://www.raleigh.nc.gov/parkplan>