

## Need for Change

- Lack of connectivity
- Unsafe conditions
- Changing demographics
- Worsening health and environmental conditions
- Need for economic growth

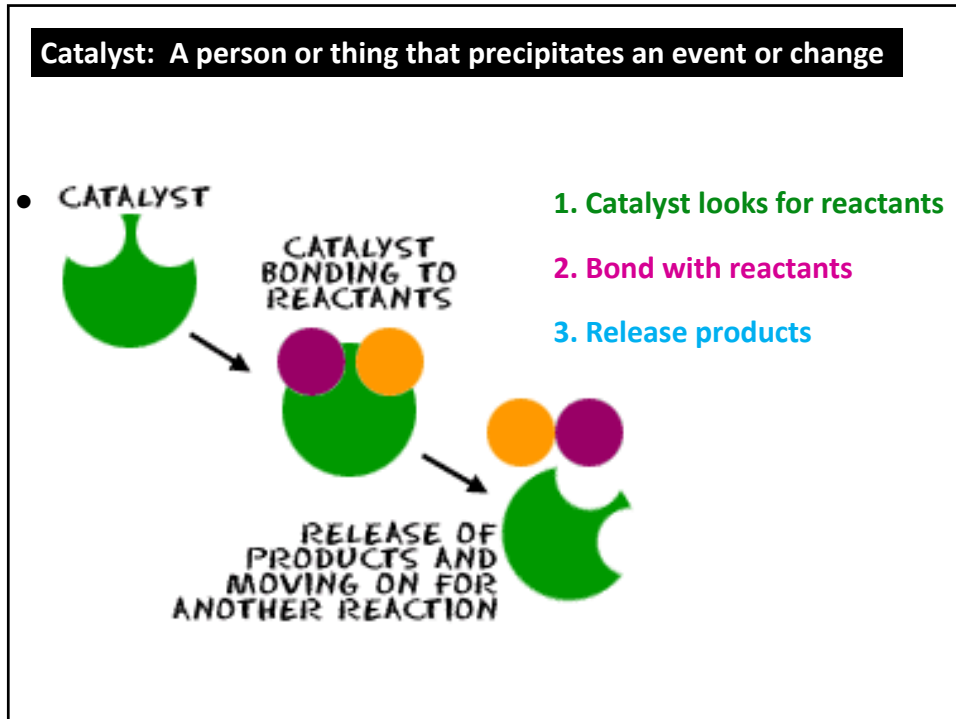


## Need for Change

- \$\$\$ of total infrastructure needs
- Fewer public financial resources
- Growing interest
- Slow reactions

**Need to gather resources to speed reactions**

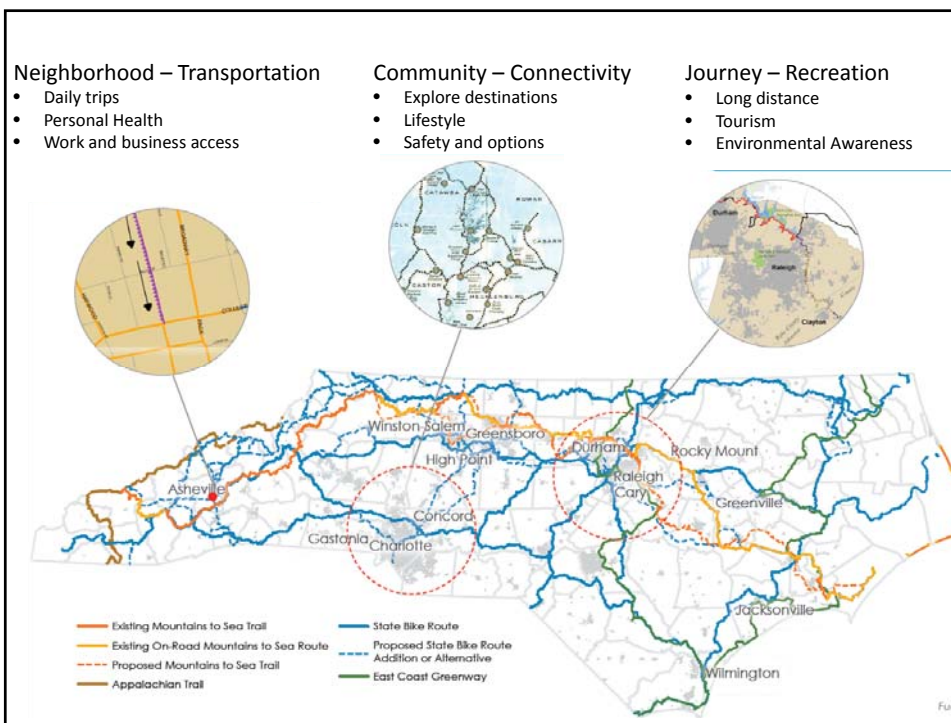
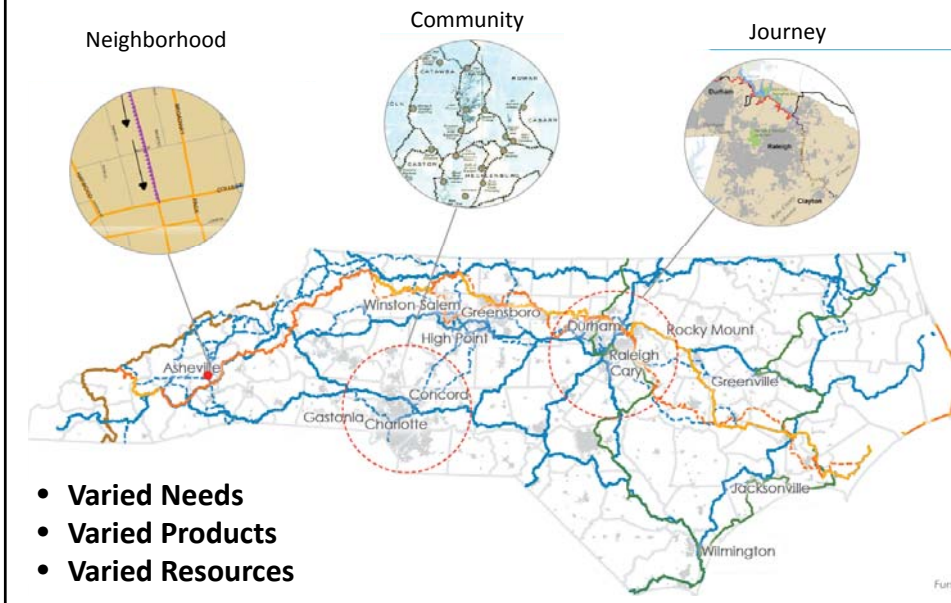




## Serve as a Catalyst

- NCDOT and Federal Agencies
- MPO, RPOs
- Local Governments
- Conservation Organizations
- BPACs
- Experts and Researchers
- Advocacy and Neighborhood Groups
- Health professionals
- Law Enforcement Agencies
- Business owners
- Developers

## Catalysts at Many Levels



**Neighborhood – Transportation**




- Wayfinding and bike racks
- Sidewalks and signals
- Bicycle safety rodeo

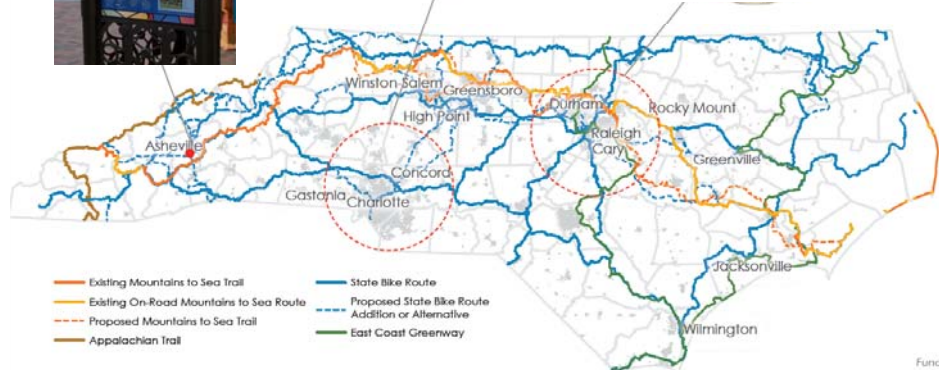
**Community – Connectivity**

- Greenways
- Complete streets
- Enforcement activities

**Journey – Recreation**

- Bike routes
- Trails
- Education campaigns



**Typical Projects Pre-2013: Fewer, larger projects**

**Greenways/Off-Road Paved Facilities = 90% of construction funding**

**Sidewalks/Pedestrian improvements = 8% of construction funding**

**Shoulder Enhancements = 2% of construction funding**

**Proposed Projects Post 2013: More, smaller projects – Good fit!**

**Greenways/Off-Road Facilities= 52.5% of construction funding**

**Sidewalks, Bicycle/Pedestrian Improvements = 47.5% of construction funding**

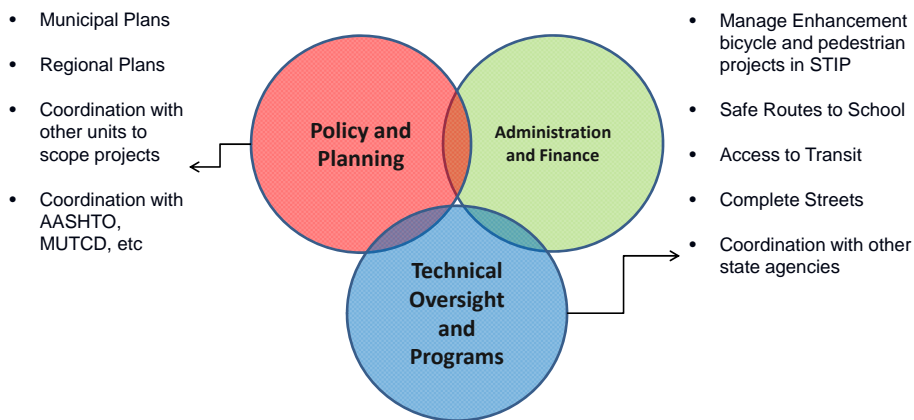
## Division of Bicycle and Pedestrian Transportation (DBPT) History and Purpose

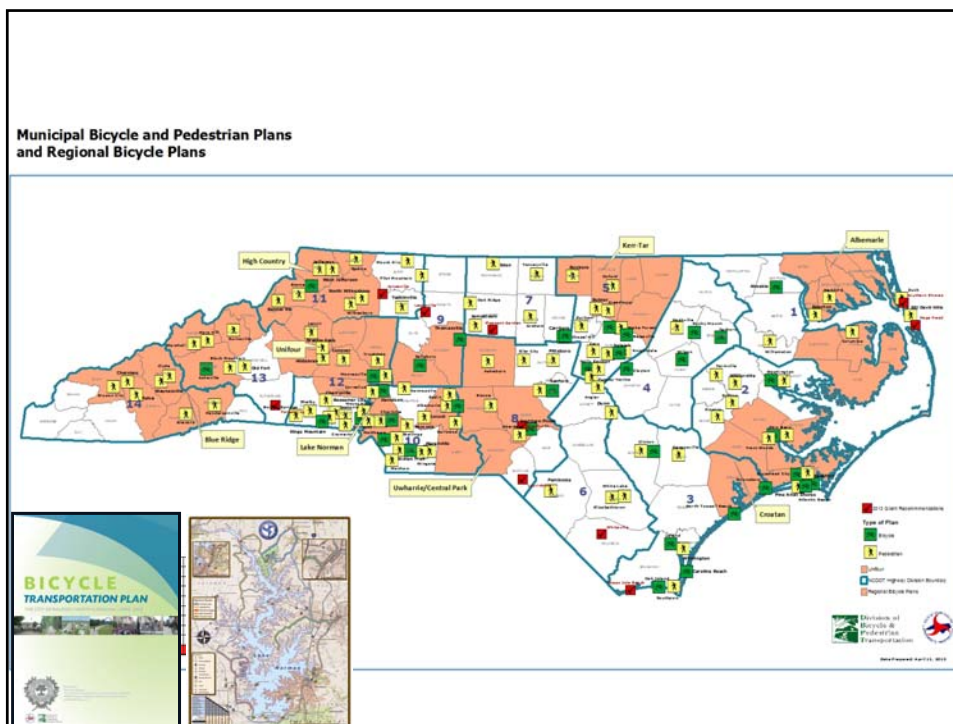
Created in 1974 by NC General Assembly thru *Bicycle and Bikeway Act*, expanded in 1992 to include pedestrian activities

- Reduce injuries and fatalities
- Create efficient bicycle & pedestrian travel options
- Promote healthy and active lifestyles
- Foster local economic growth



## Division of Bicycle and Pedestrian Transportation





**WATCH FOR ME - NC**

*Improve pedestrian and bicycle safety in the through educational safety messaging and enforcement targeting drivers and pedestrians*

- FY 12-14 comprehensive pilot focus on Triangle
- Limited outreach through Outer Banks in 2013

## SRTS: "Let's Go NC" Bicycling and Walking Curriculum

- Design of "In the Class" curriculum materials
- Video and exercises



A Pedestrian and Bicycle Safety Skills Program for Healthy Active Children



## SRTS: Active Routes to School Partnership



**PHYSICAL ACTIVITY  
& NUTRITION  
BRANCH**  
NC DIVISION OF PUBLIC HEALTH



**saferoutes to school**  
north carolina  
DEPARTMENT OF TRANSPORTATION



## Complete Streets Program

- January – December 2013: 24, two-day training sessions statewide
- Training to cover process for designing complete streets
- Call for projects with divisions – case studies ready by end of year





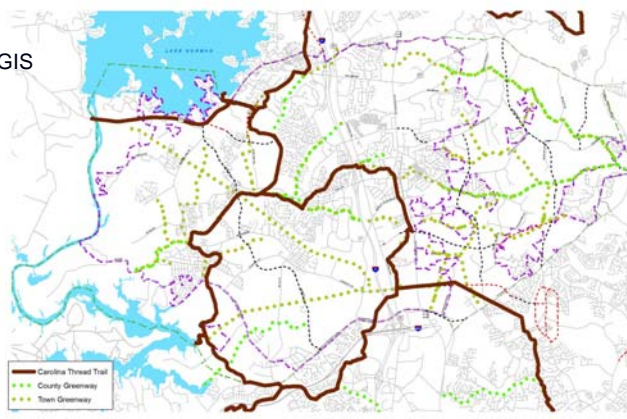
## Traffic Counts

- 2013- secure funding and finalize scope of work
- 2014- purchase counters, identify locations, initiate counts
- 2015- robust counts, evaluation



## GIS Data Collection

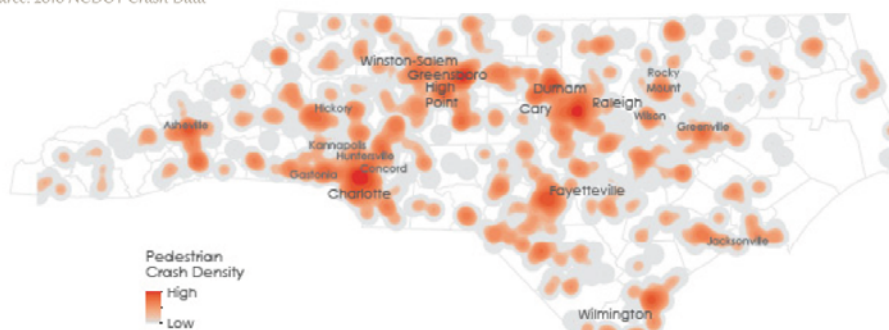
- 2013- pilot data collection in Uwharrie region
- 2014- conduct statewide GIS data collection
- 2015 – map information



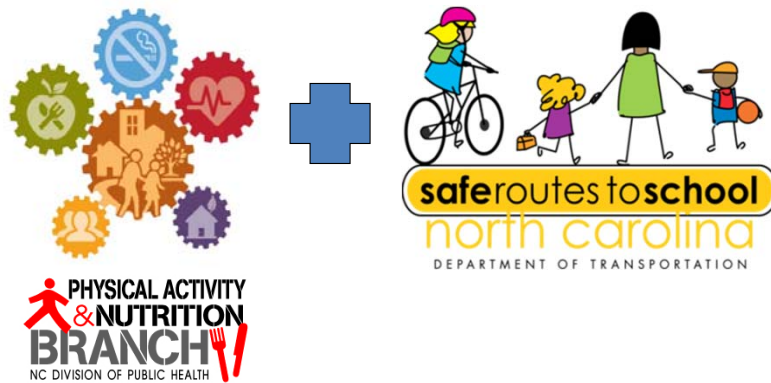
## Crash Data – GIS Information

### 2010 Pedestrian and Bicycle Crash Density Maps, NC

Source: 2010 NCDOT Crash Data\*



## SRTS: Active Routes to School Partnership





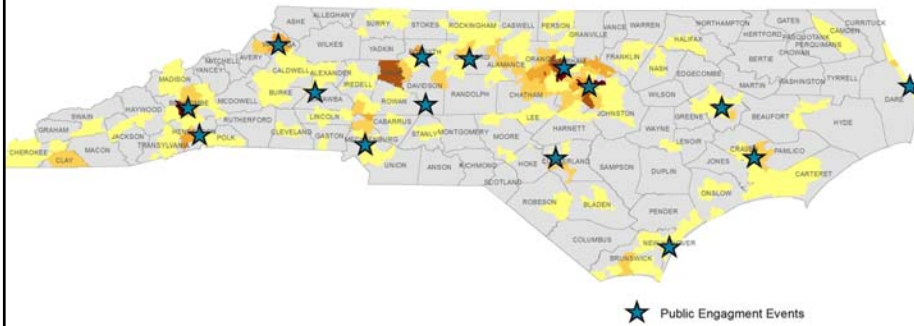
### Walk Bike NC

- Engaged partners
- Asked for commitments
- Define a role for each partner
- Group participation ongoing



## Public Outreach – Piggyback Events

**16** Piggyback Events, **600,000** attendees



## Public Outreach & Engagement



## Public Outreach & Engagement

### Most Common Concerns

- Lack of **safe or separate facilities** for cyclists and pedestrians, especially in rural environments
- Significant **gaps** in bicycle and pedestrian networks
- **Unsafe drivers** and need for increased enforcement
- Need for **wayfinding** maps and routes for residents and tourists
- **Uneducated travelers**
- Need for more **funding** for construction, maintenance and programming
- Inadequate bicycle and pedestrian facility **maintenance**
- Need to coordinate **interest groups**



### *5 Pillars of WalkBikeNC*



## Overview of Draft Plan Products

### WalkBikeNC Products will include:

- Full Document
- Executive Summary
- Plan Summary
- 2-Page Plan Summaries by 'Pillar'
- Project Website
- Project Blog/Newsletter



## Draft Plan - Principles to Actions

This Plan's 5 principles (mobility, safety, health, economy, and environment) are used to organize related objectives, strategies and performances measures



## Health Integration

- Health practitioners involved in project planning/scoping
- Community Transformation Grant/SRTS partnership
- Evaluate health impacts



## Draft Plan – Implementation

**Public Health:** Public health and wellness

Objectives (The WHAT)	Performance Measures (The EVALUATION)	Example Strategies (The HOW)
<ul style="list-style-type: none"> <li>• Increase active living environments</li> <li>• Increase the safety, connectivity and accessibility of the bicycle and pedestrian network</li> <li>• Improve public health outcomes</li> <li>• Increase ADA compliance</li> </ul>	<ul style="list-style-type: none"> <li>• Physical inactivity rates</li> <li>• Obesity rates</li> <li>• Pedestrian and bicyclist crash and fatality rates (per capita) relative to other states</li> <li>• Health care costs</li> <li>• Percent of projects that are ADA-compliant</li> </ul>	<ul style="list-style-type: none"> <li>• Implement programs that encourage walking and bicycling</li> <li>• Involve health policy practitioners in project scoping and development</li> <li>• Continue DHHS Community Transformation Grant and NCDOT SRTS partnership</li> <li>• Incorporate HIAs into transportation projects</li> <li>• Expand education, encouragement, and enforcement programs</li> <li>• Build partnerships between NCDOT, DHHS, local health departments, health organizations, insurance companies, and health care providers.</li> <li>• Incorporate Public Right of Way Accessibility Guidelines into transportation development practices, strategies, and implementation</li> <li>• Establish evaluation/benchmarking program</li> </ul>

## *Draft Plan – Implementation Roles*

- Draft plan under review
- Involves multi-agency and private funding
- Identifies action steps for improved coordination and investment
- Developing specific action steps for NCDOT to consider for next 10 years
- Full briefing planned for Fall 2013



## Questions?

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