



North Carolina  
DEPARTMENT OF TRANSPORTATION

# Stokes County Comprehensive Transportation Plan

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# Existing Transportation and Land Use Plans

## Transportation Plans

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Stokes County CTP: 2008

Winston Salem MPO CTP: 2012

(Includes King and Tobaccoville)

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## Land Use Plans

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Stokes County

2035 Comprehensive Plan



## What are the **Benefits** of having a CTP?

- Common long range vision for multi-modal facilities between NCDOT, MPOs, RPOs and local governments.
- More detailed project information for Programming and Project Development.
- Better integration of transportation planning with land use planning.
- Minimization of impacts to the natural and human environment.
- Documentation that can be used as a guide for future development and transportation decisions.

# Comprehensive Transportation Plan:

## Multimodal

Highway

Public Transportation and Rail

Bicycle

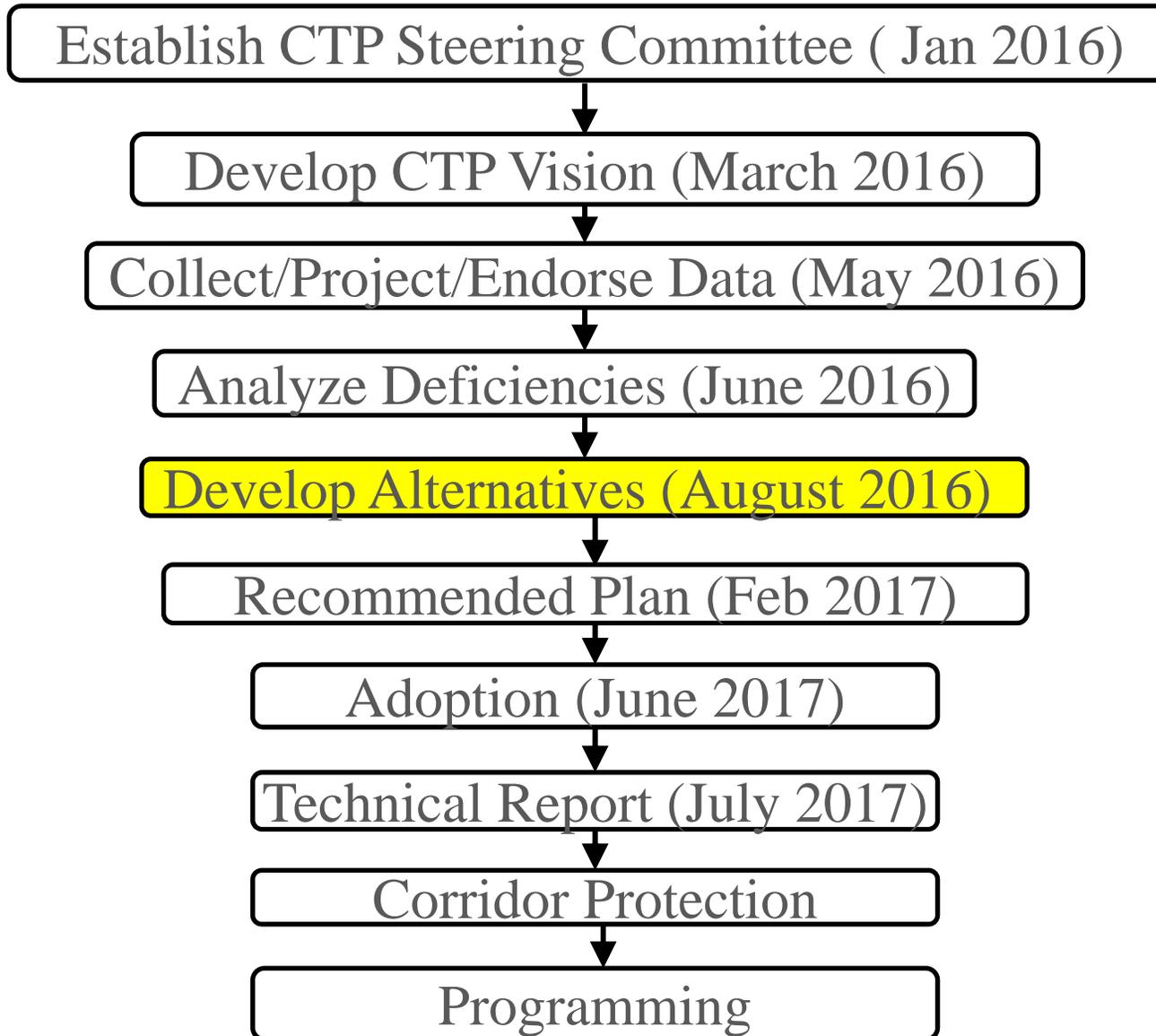
Pedestrian

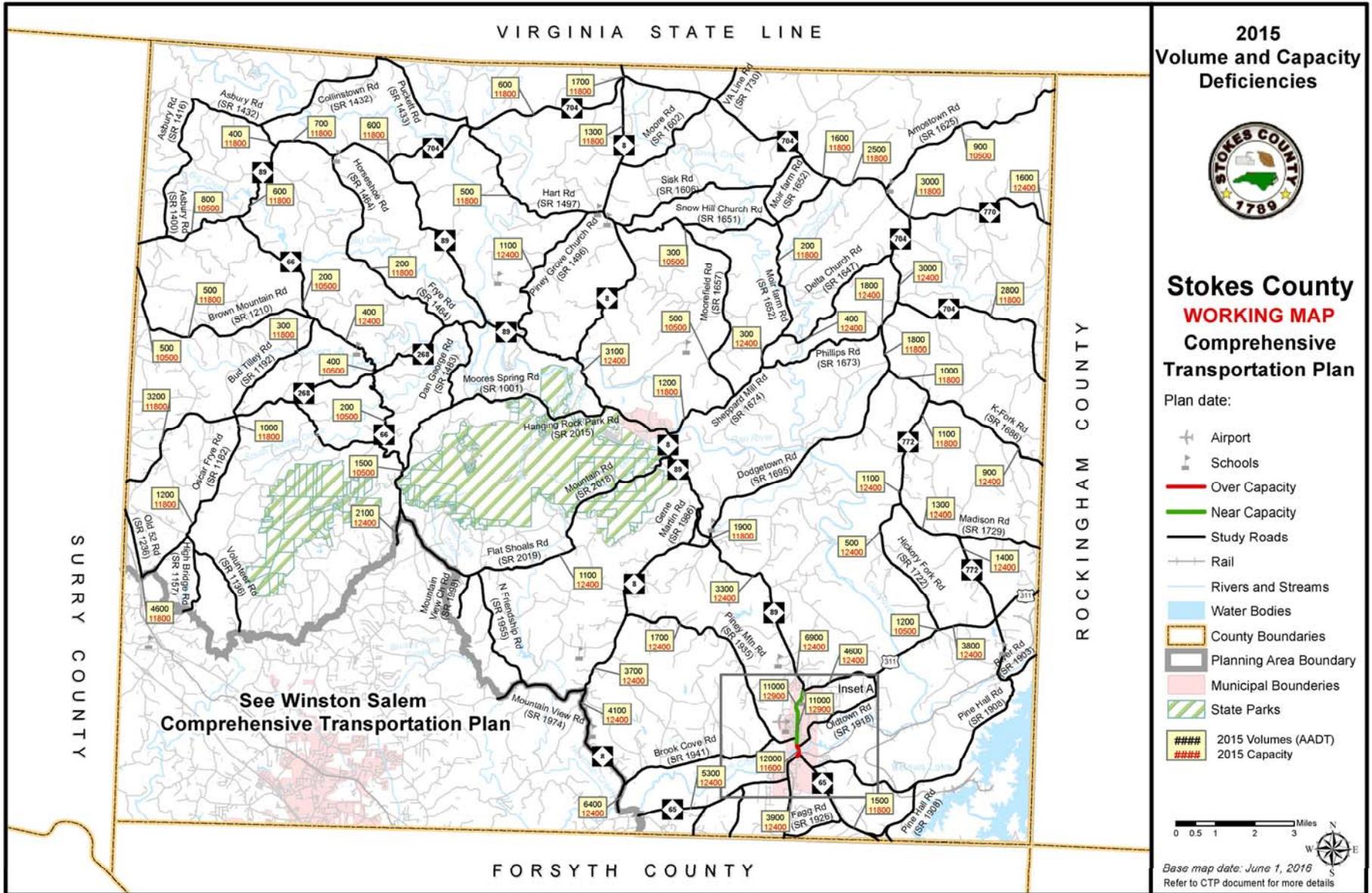
Recommendations:  
Existing,  
Needs Improvements,  
Recommended (new location)

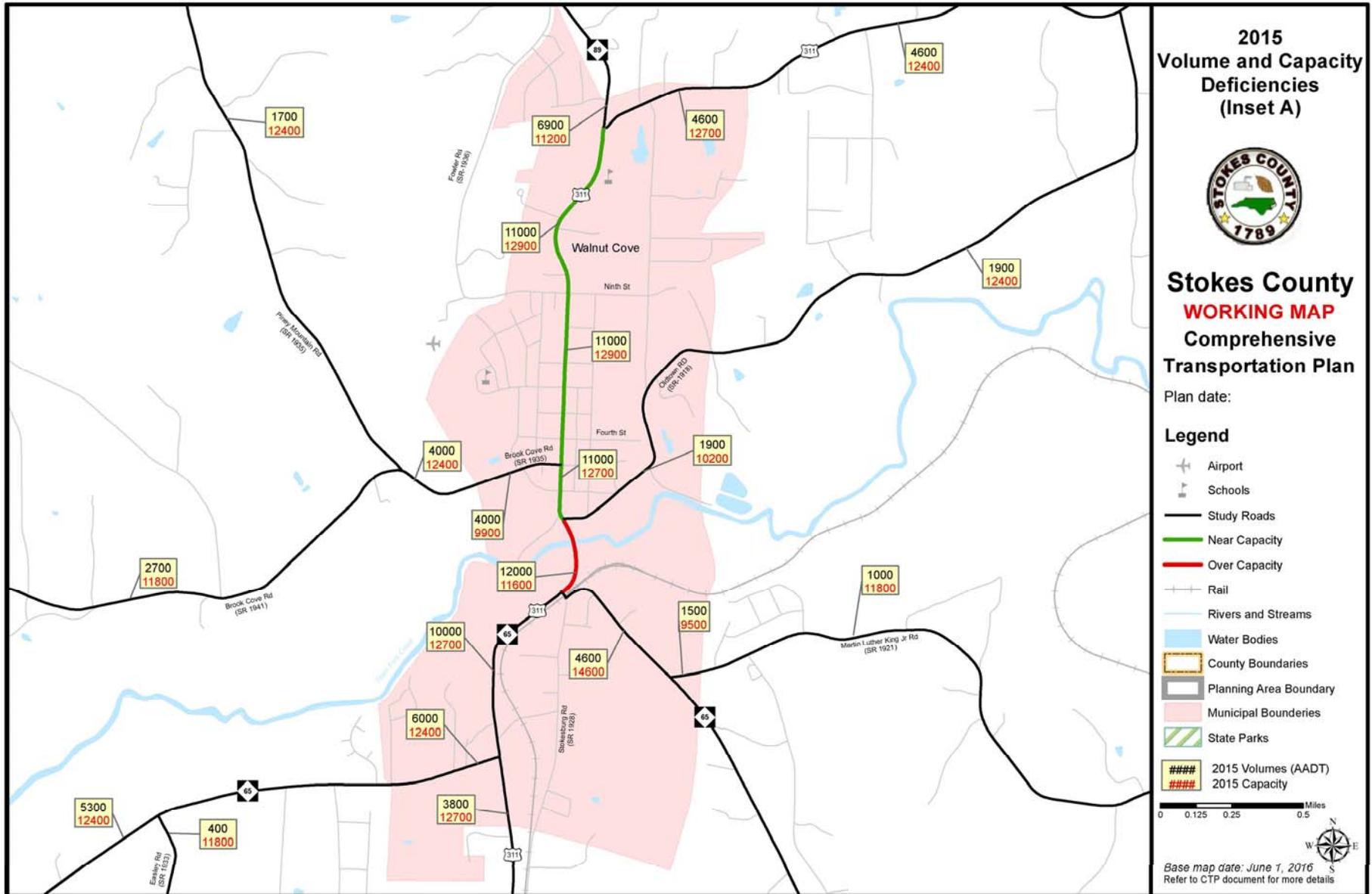
## Traffic Projections: Trend Line Analysis

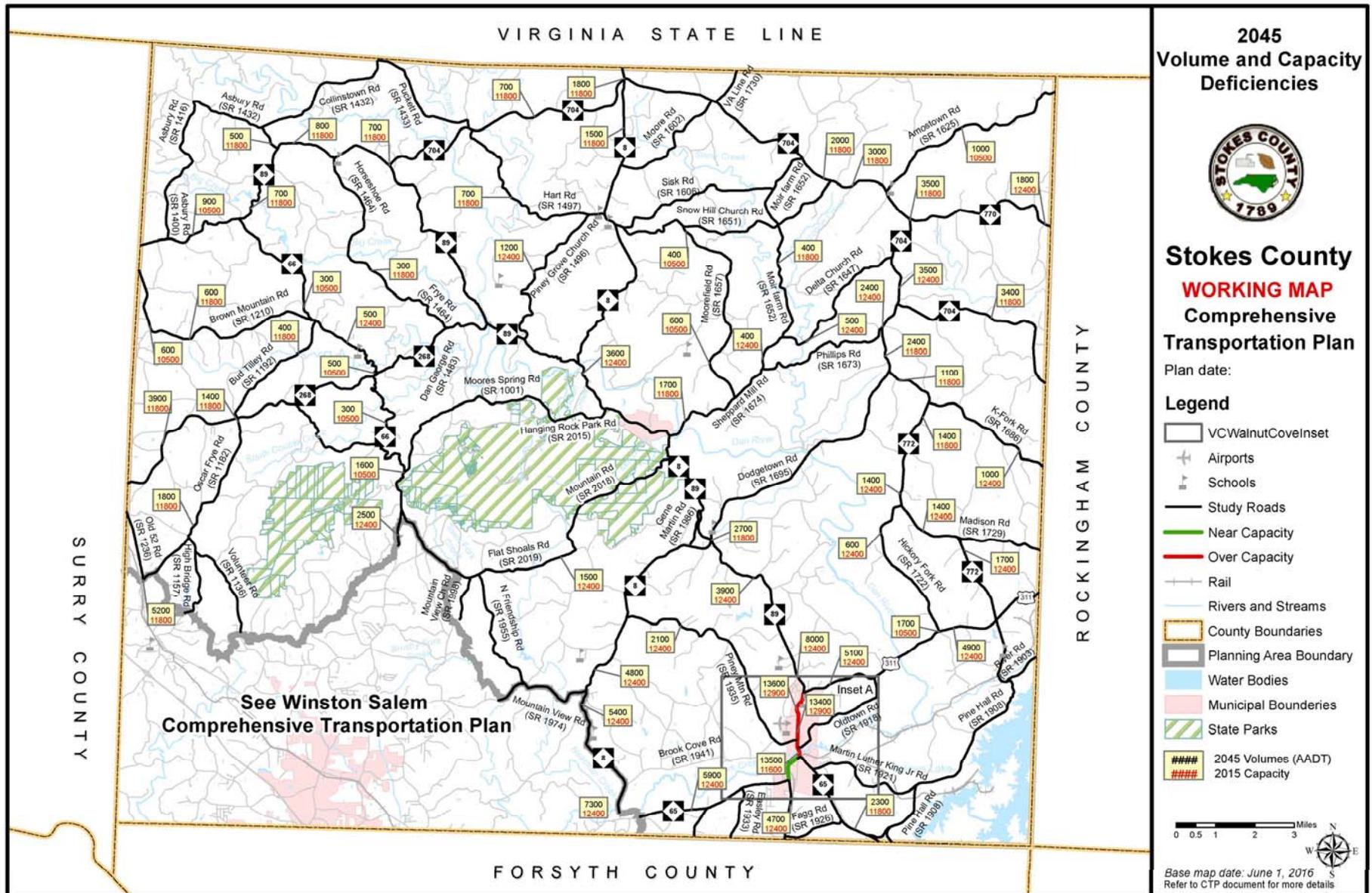
2017 CTP: Base year: 2015 and Future year: 2045

2009 CTP: Base year: 2006 and Future year :2035











## Volume over capacity maps (Deficiency Maps)

Deficiency Map shows the ratio of Annual Average Daily Traffic (AADT) Volume and the Capacity of the road (V/C)

Volume/Capacity ratio is between 0.8 and 1.0 -> Near Capacity

Volume/Capacity ratio is over 1.0 -> Over Capacity

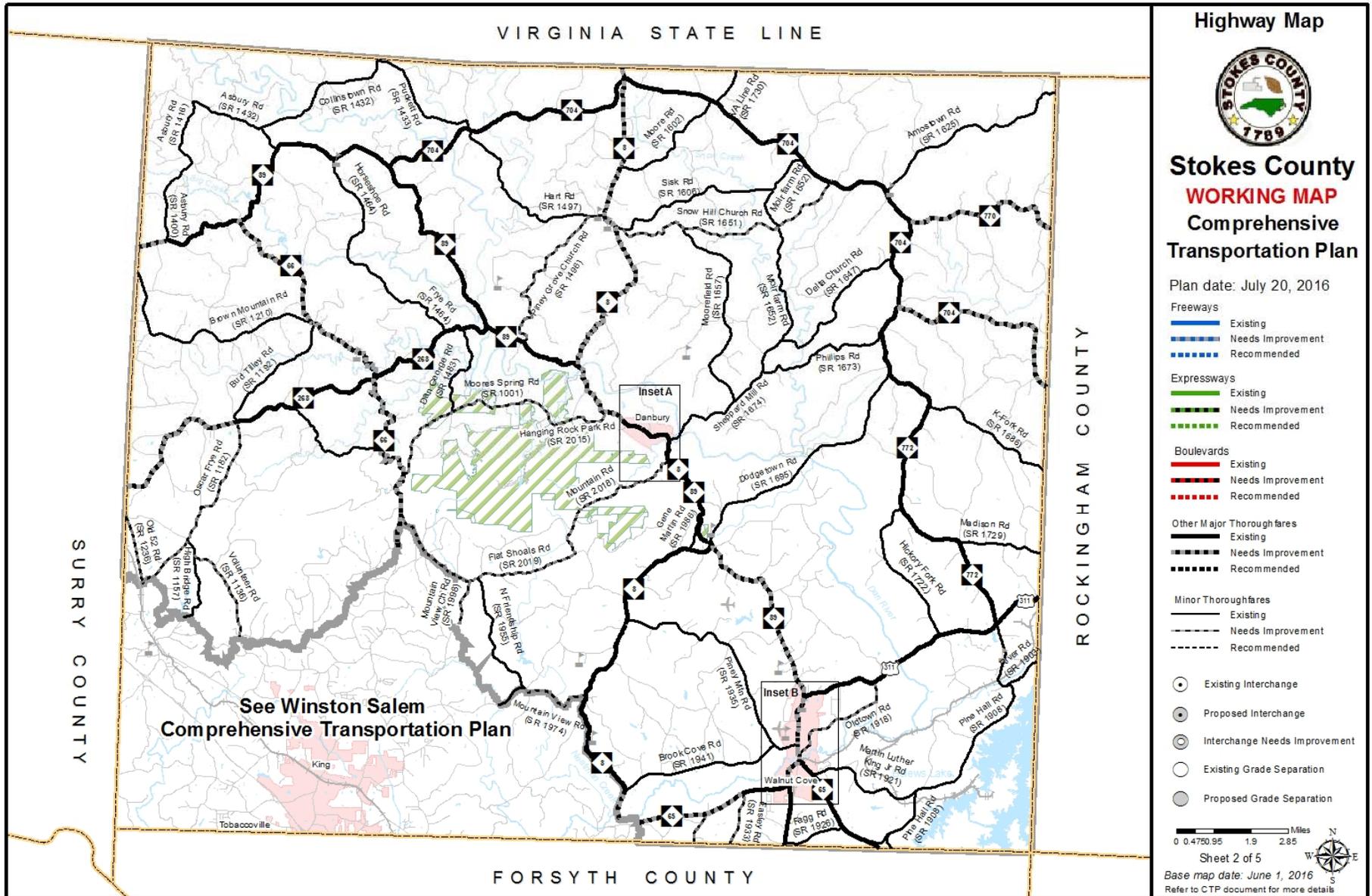
Roadway	From	To	2015	2045
Main St (US 311)	First St	NC-89 E	Near Capacity	Over Capacity
Main St (US 311)	NC-65 E	First St	Over Capacity	Over Capacity
Main St (US 311)	NC-65 W	NC-65 E		Near Capacity

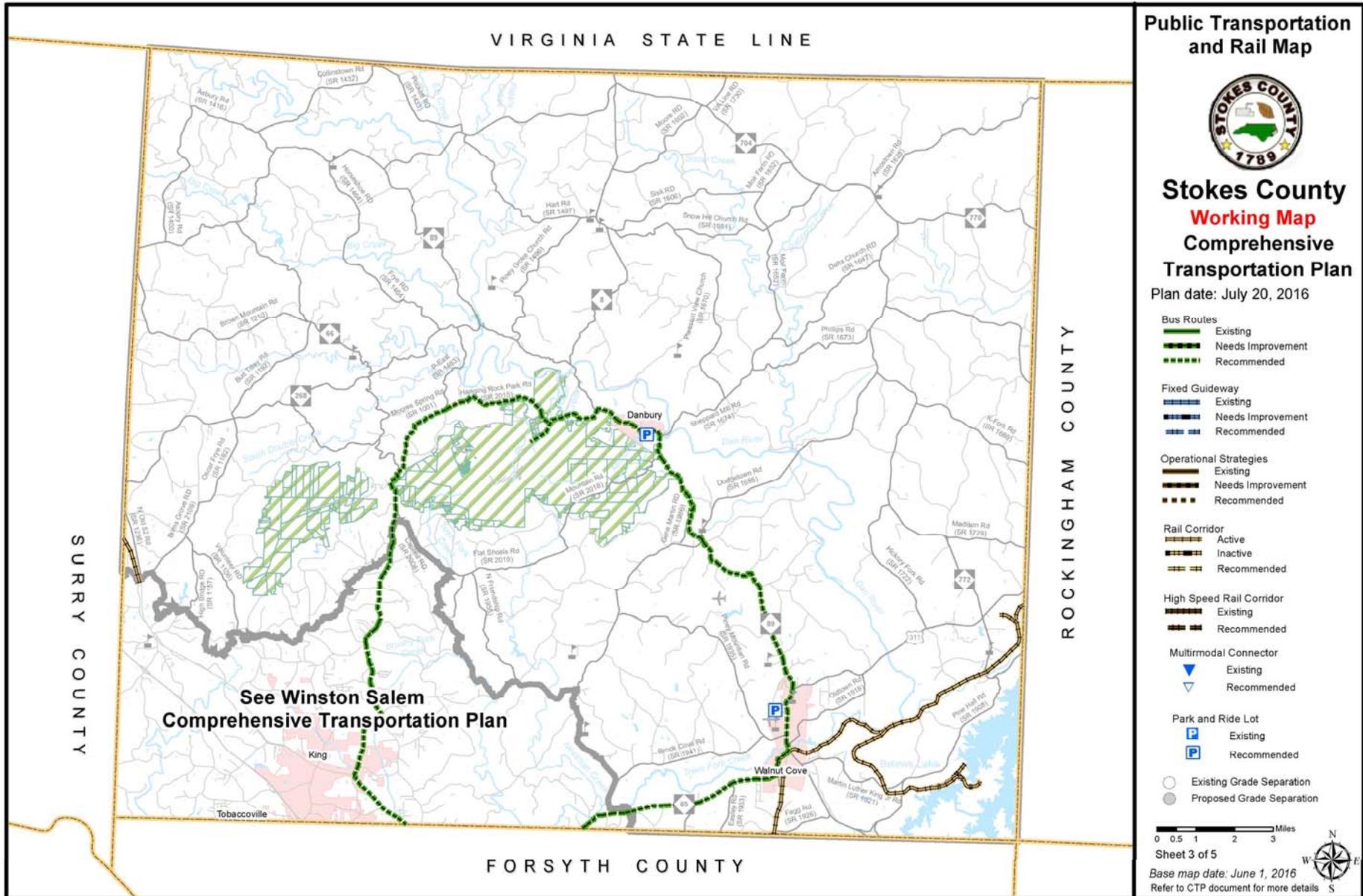
## Stakeholder Committee Recommendations:

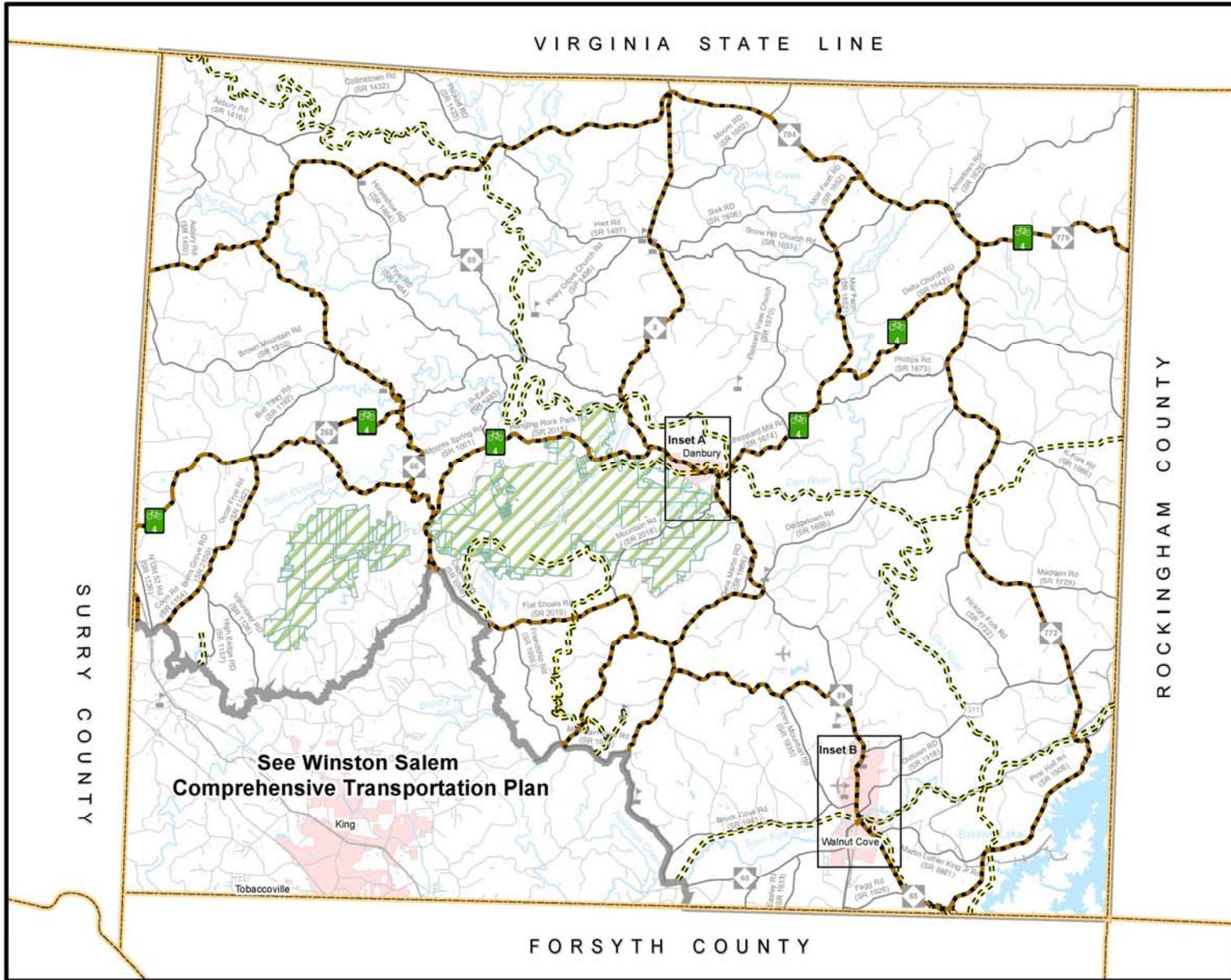
### Transportation Demand Management Strategies

- Diverting traffic onto Oldtown Road and upgrading the road to handle commercial truck traffic.
- 3 lane cross-section with bicycle and pedestrian accommodations and on-street parking.
- Provide alternate mode of transportation such as carpools, bus routes, park-and-ride lots etc..









Bicycle Map



**Stokes County**  
**WORKING MAP**  
**Comprehensive**  
**Transportation Plan**

Plan date: July 20, 2016

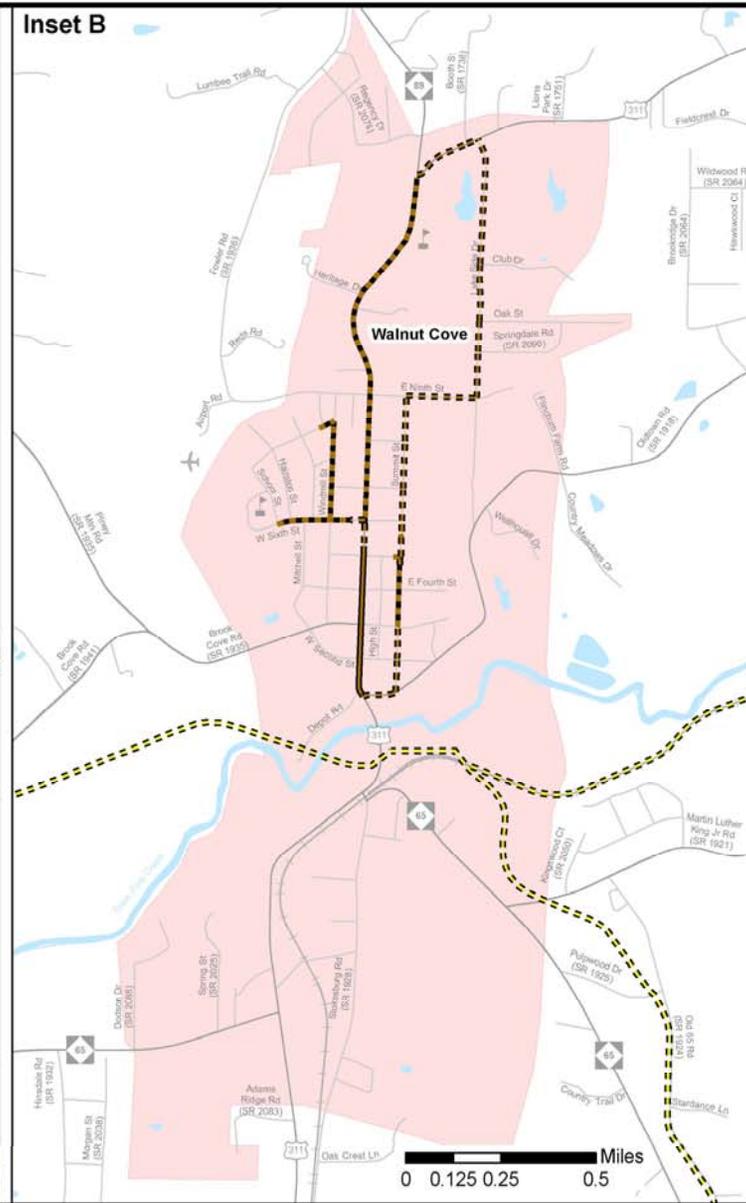
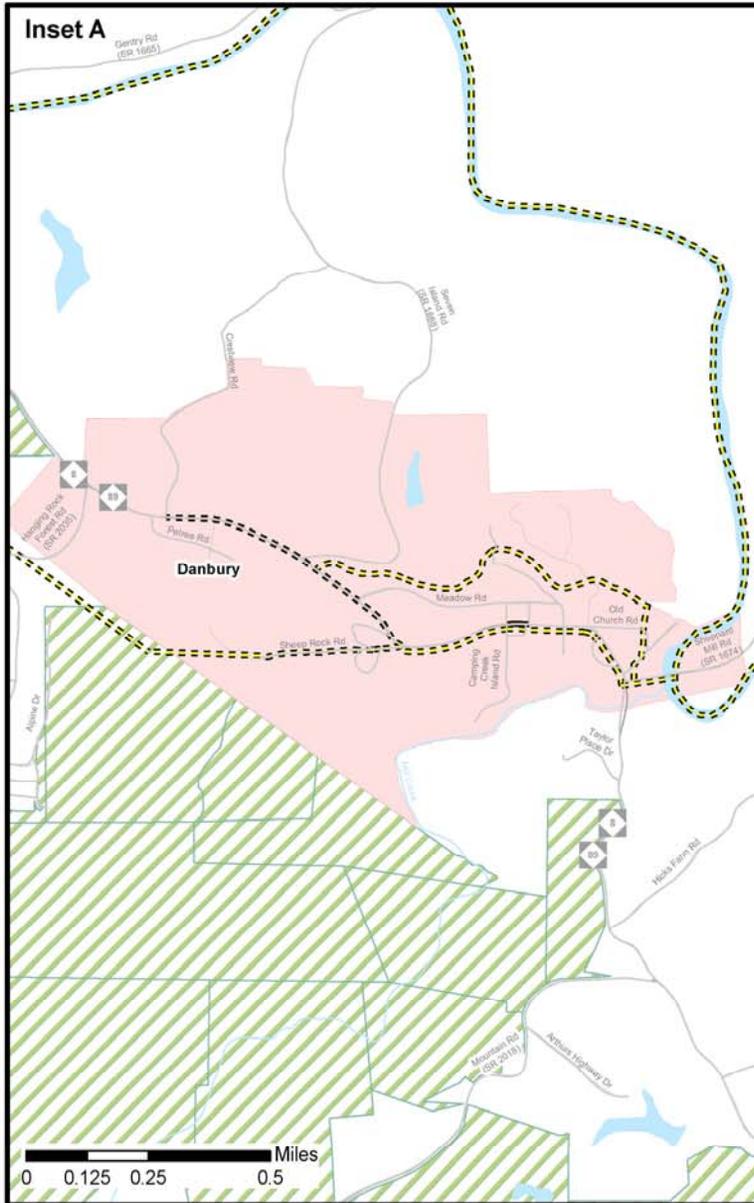
- On-road**
  - Existing
  - Needs Improvement
  - Recommended
- Off-road**
  - Existing
  - Needs Improvement
  - Recommended
- Multi-Use Paths**
  - Existing
  - Needs Improvement
  - Recommended
- Grade Separation**
  - Existing Grade Separation
  - Proposed Grade Separation



Sheet 4 of 5

Base map date: June 1, 2016

Refer to CTP document for more details



**Pedestrian Map  
(Insets A and B)**



**Stokes County  
Planning Area  
WORKING MAP  
Comprehensive  
Transportation Plan**

Plan date: July 20, 2016

- Sidewalks**
- Existing
  - Needs Improvement
  - Recommended
- Off-road**
- Existing
  - Needs Improvement
  - Recommended
- Multi-Use Paths**
- Existing
  - Needs Improvement
  - Recommended
- Grade Separation**
- Existing Grade Separation
  - Proposed Grade Separation

Sheet 5A of 5



Base map date: June 1, 2016

Refer to CTP document for more details

## Future Questions or Concerns?

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