

Transylvania County Comprehensive Transportation Plan

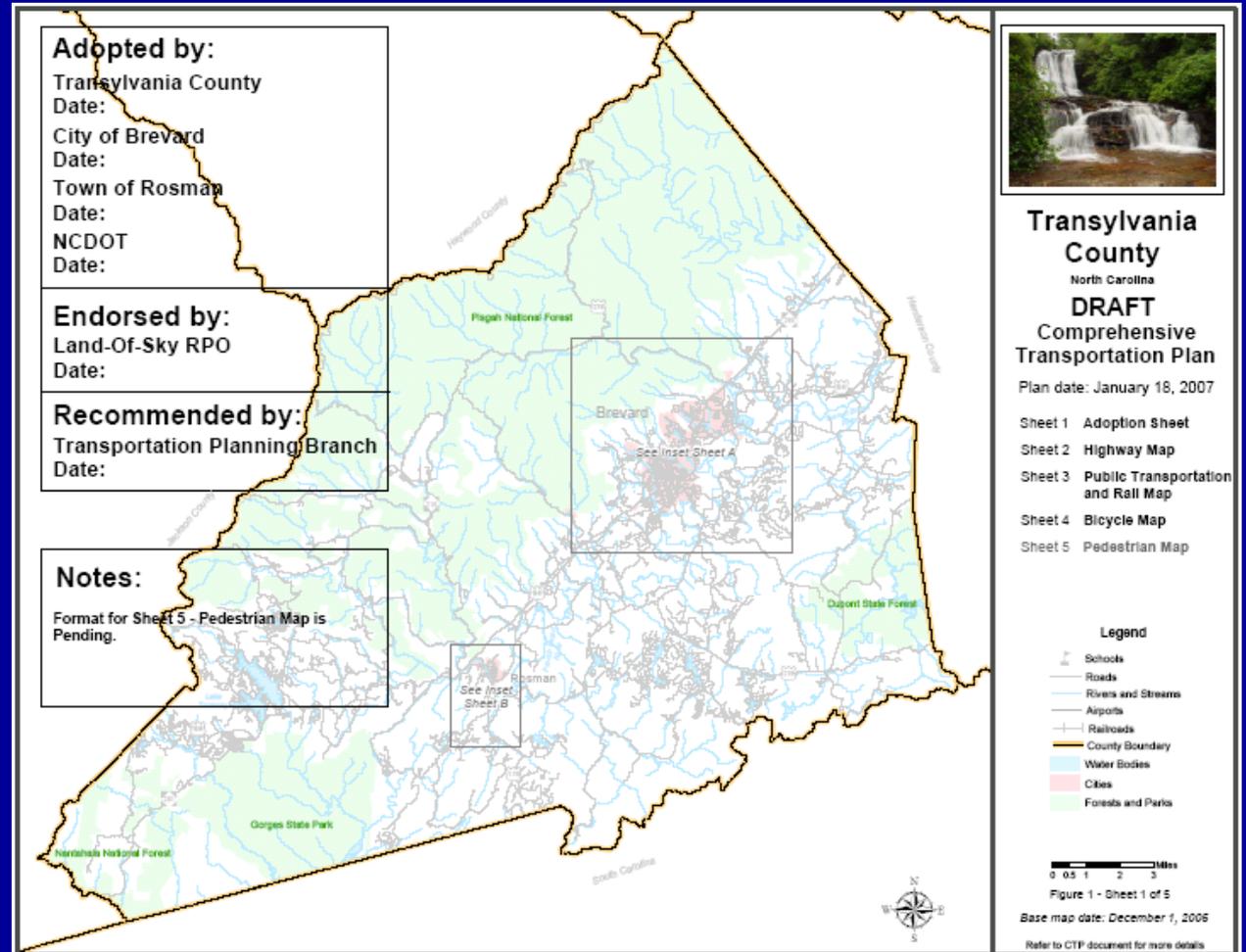
**Presentation to
Transylvania County Board of Commissioners
January 22, 2007**

What is the CTP?

- **Set of Maps that outlines recommended transportation projects (highway, rail, transit, and bicycle) to meet local travel needs through the year 2030**
- **The plan will be adopted locally by the Transylvania County Board of Commissioners, Brevard City Council, and Rosman Board of Aldermen; regionally by the Land of Sky Rural Planning Organization; and by the North Carolina Board of Transportation**
- **The CTP is not a funding document, and does not represent the final design of a project - it is a long-range, conceptual plan**

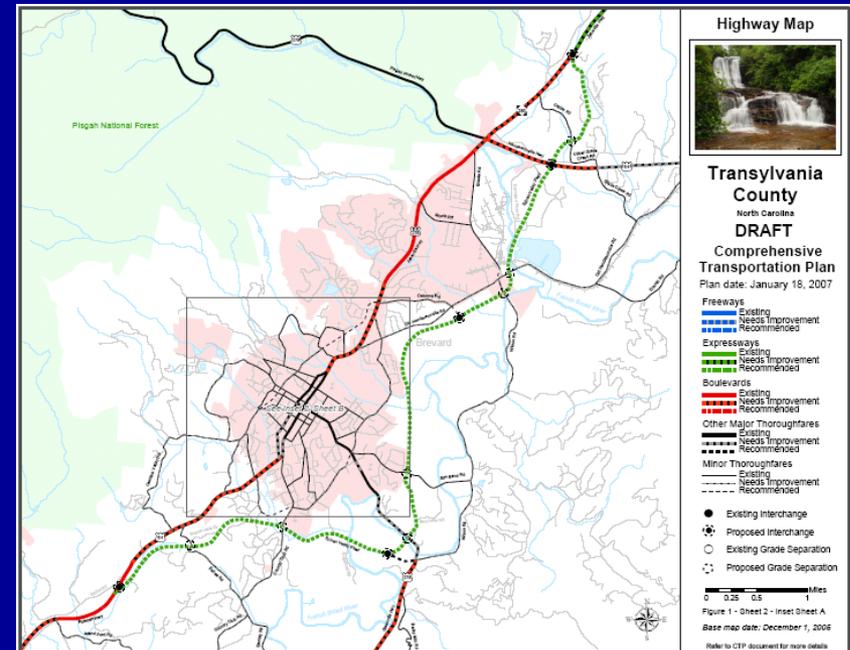
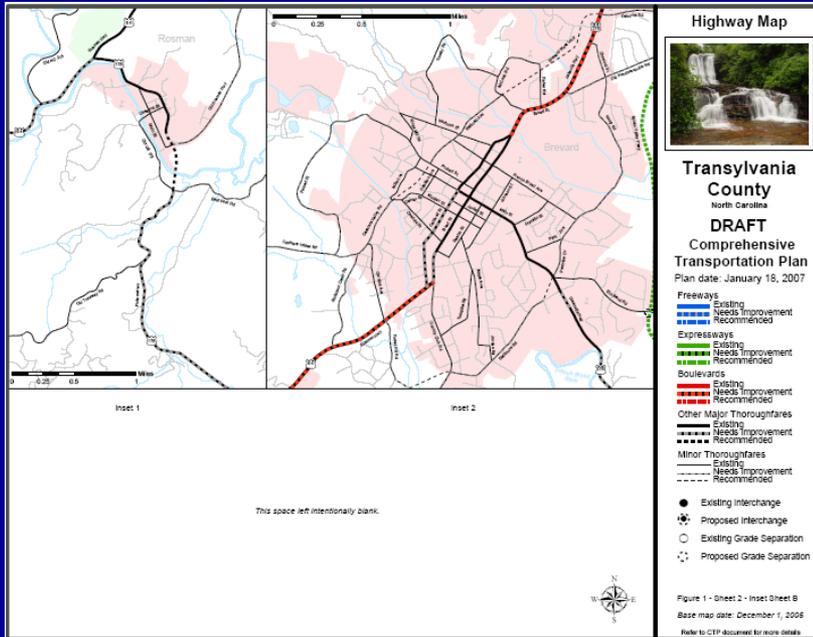
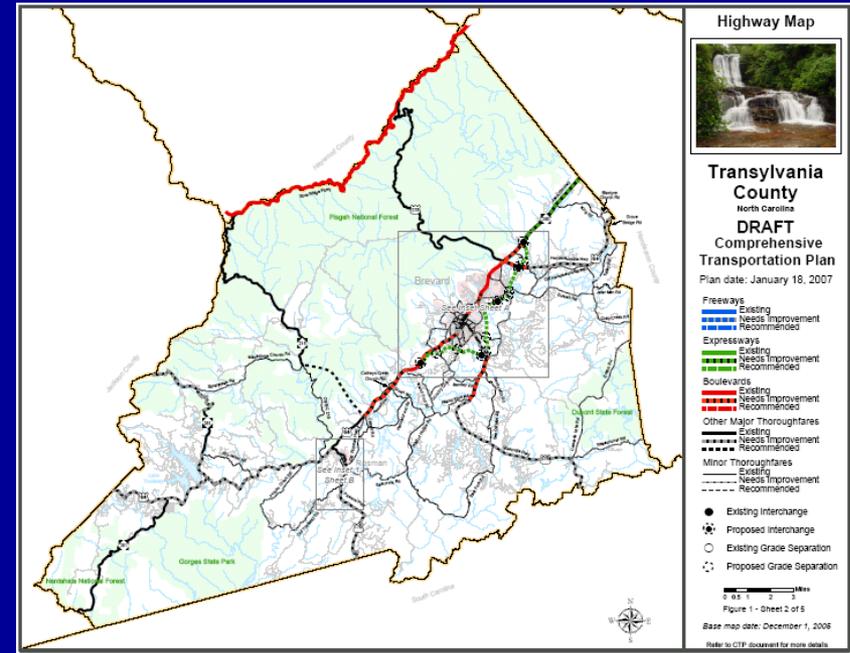
CTP Maps

Adoption Sheet



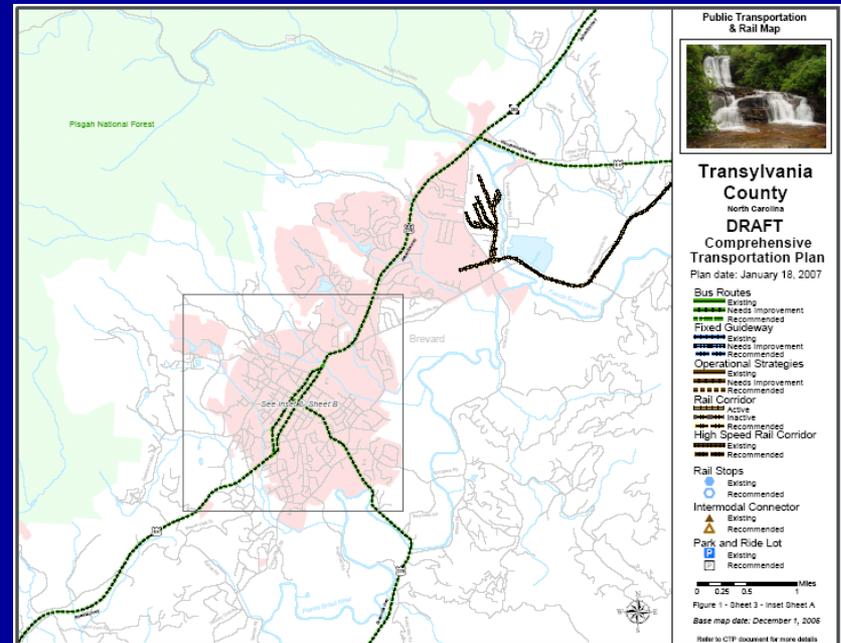
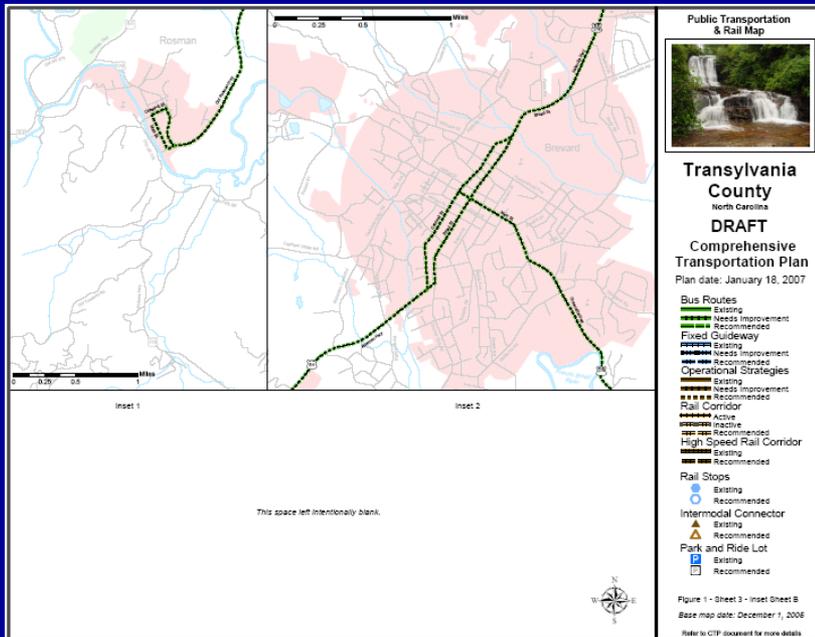
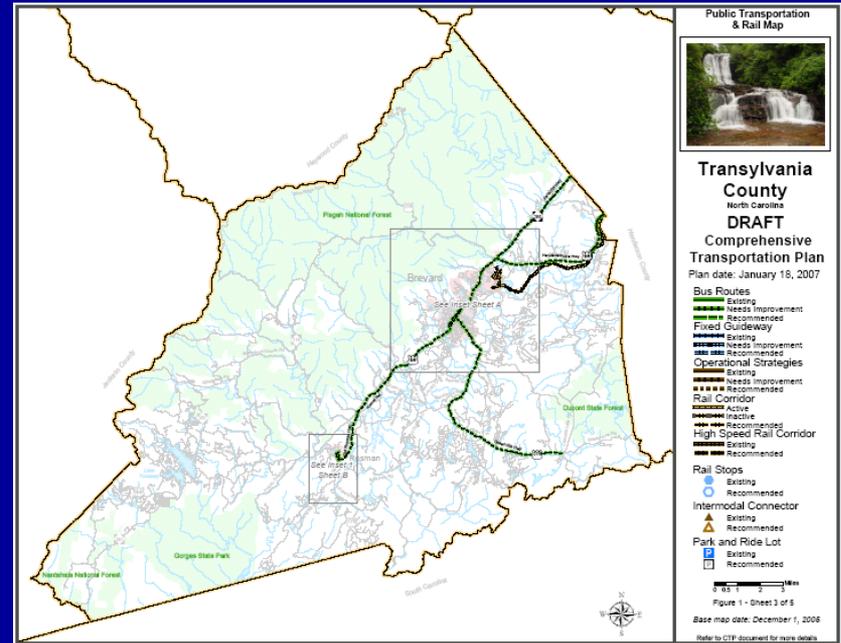
CTP Maps

Highway Maps



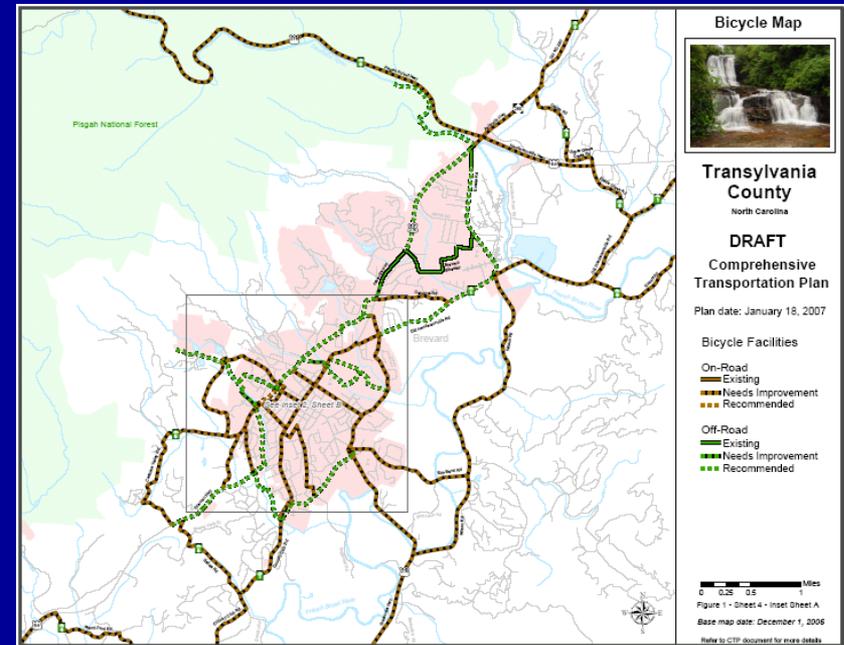
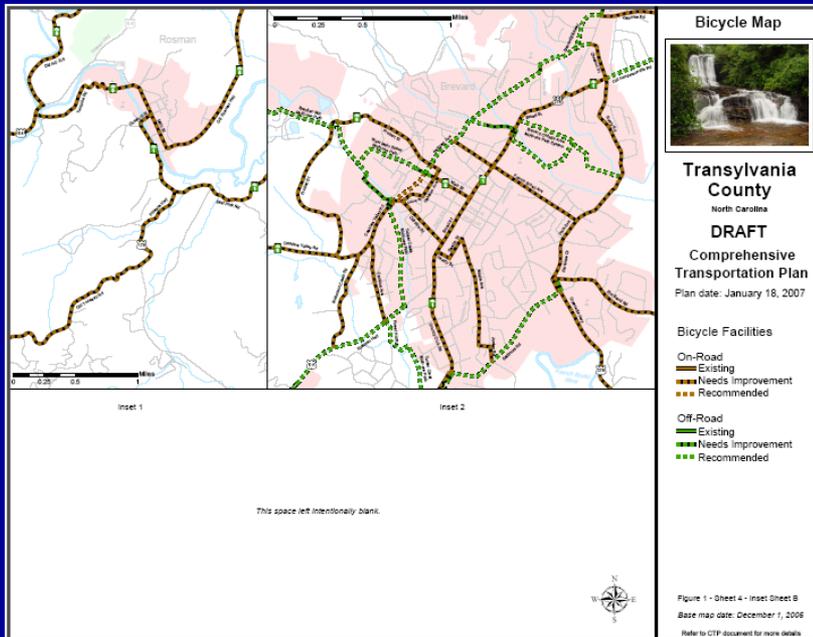
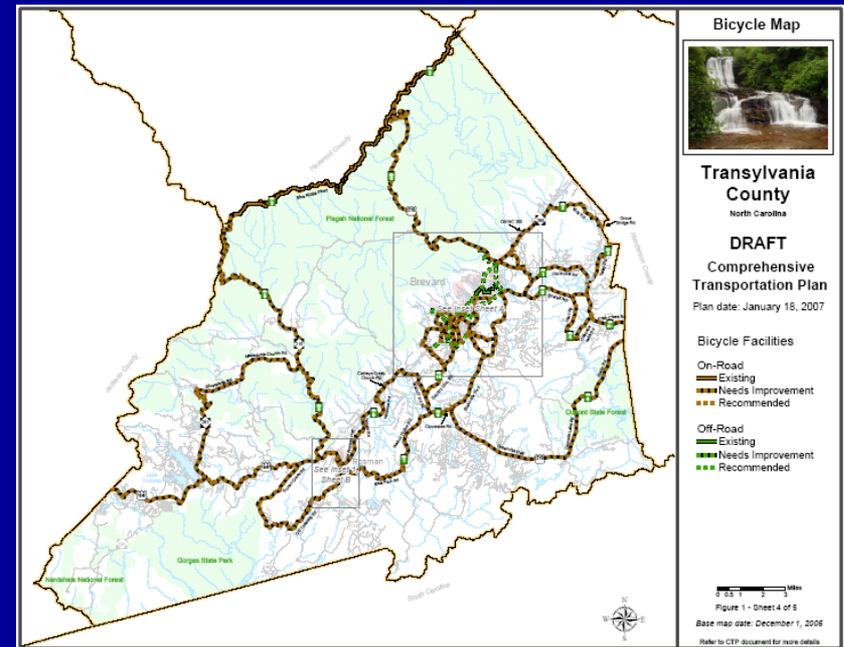
CTP Maps

Rail/Public Transit Maps



CTP Maps

Bicycle Maps

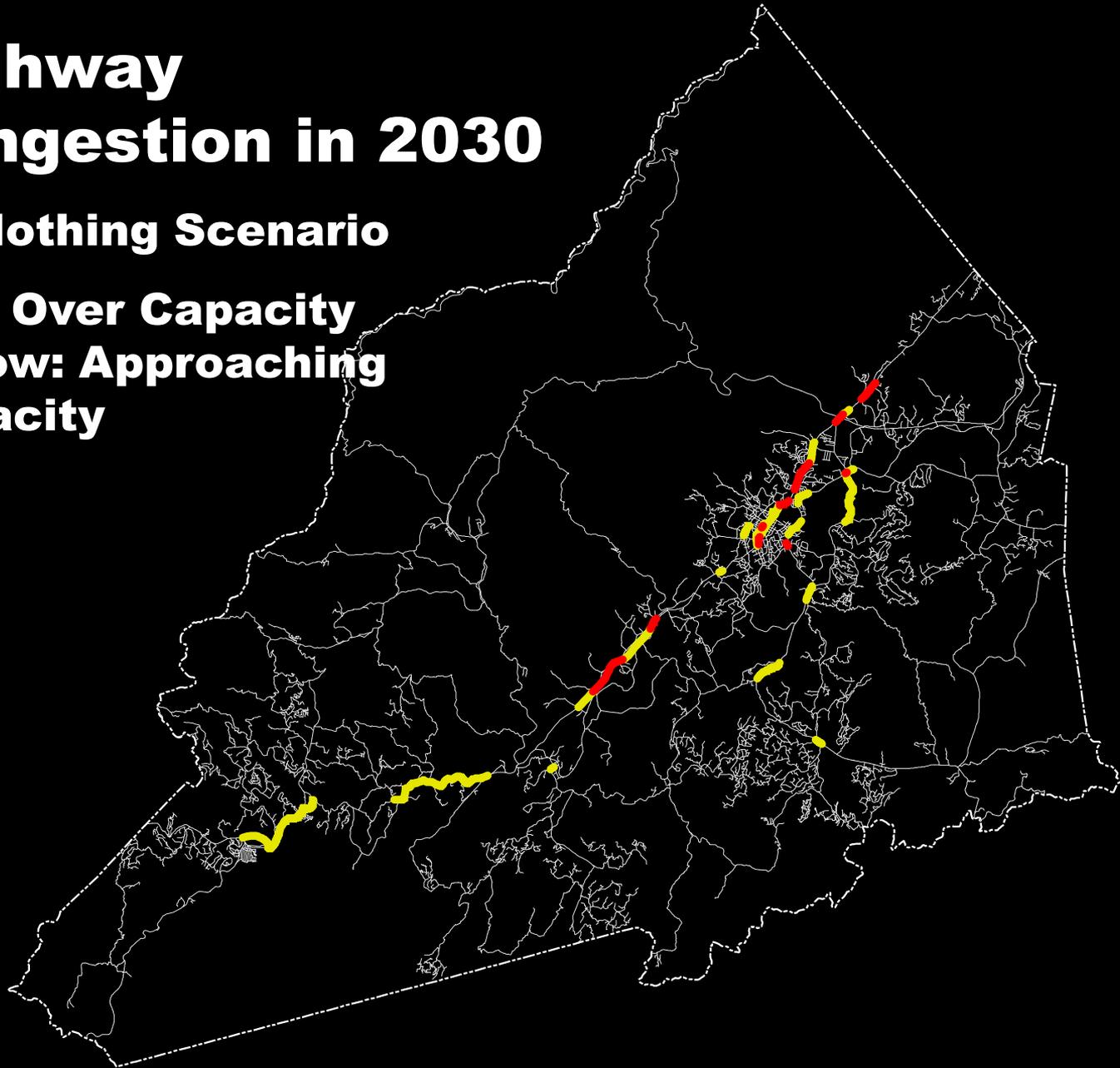


Highway Congestion in 2030

Do-Nothing Scenario

Red: Over Capacity

**Yellow: Approaching
Capacity**



Highway Facility Types

Freeway



Expressway



Boulevard



**Other Major
Thoroughfare**



**Minor
Thoroughfare**

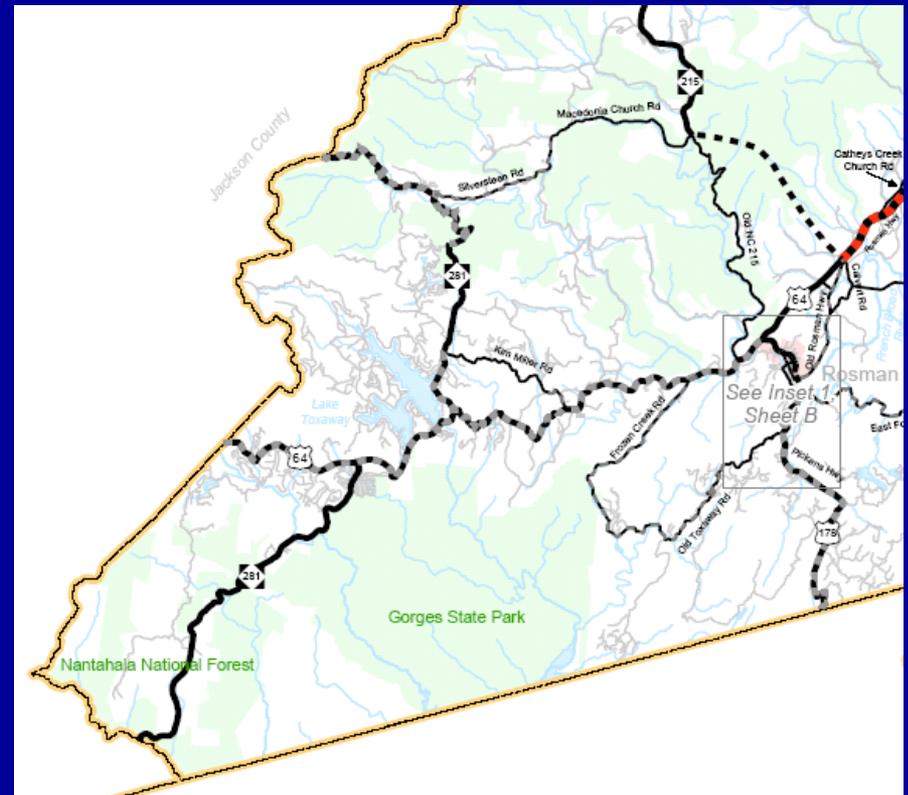


Recommended Projects

- **Recommendations were developed for all modes of transportation, based on a needs analysis (traffic volume & roadway capacity), safety analysis, environmental screening, collaboration with local staff and committees, and public input**

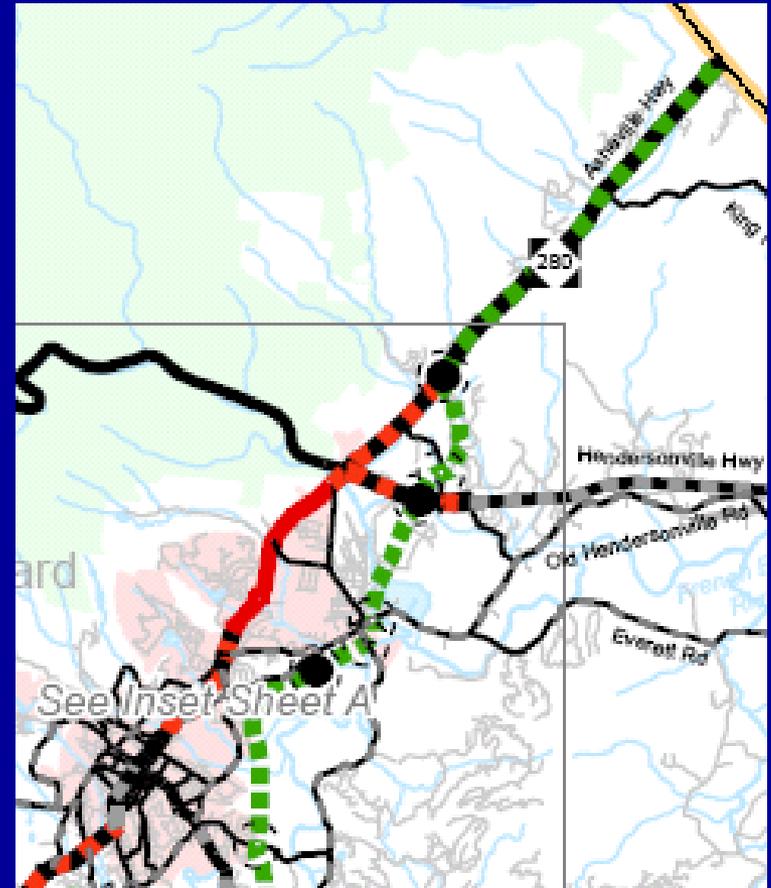
US 64 West

- **2-lane Major Thoroughfare, with safety improvements (including straightened curves and wider lanes) and truck climbing lanes**
- **This should allow the road to handle higher traffic volumes without an extensive (and damaging) multi-lane widening**



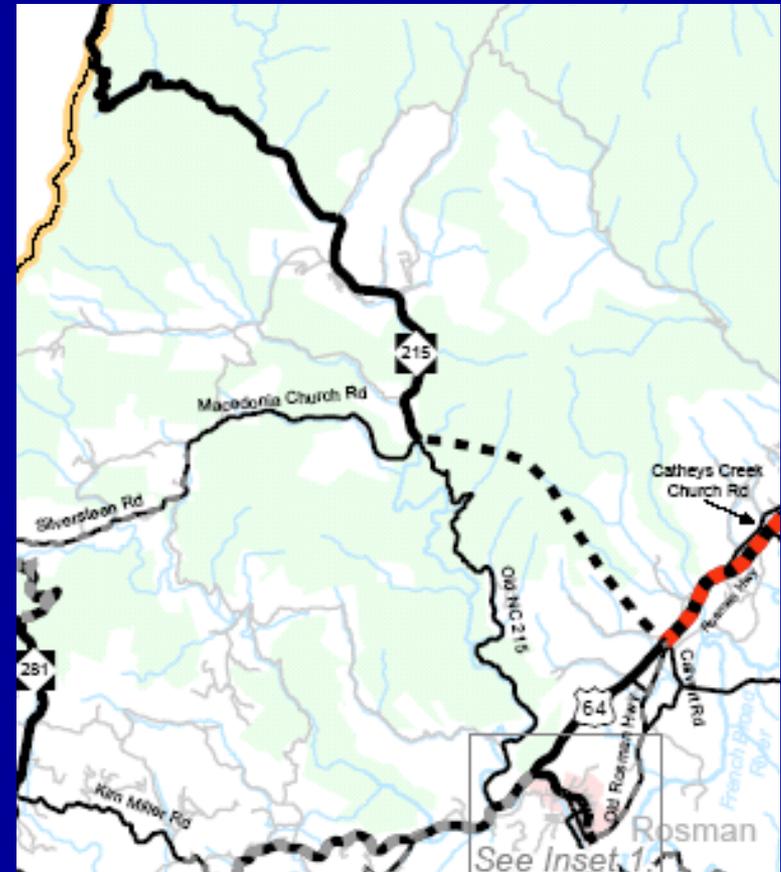
Asheville Highway US 64/276 & NC 280

- **Addition of a median on the current 4-lane undivided and 5-lane sections**
- **Upgrade section of NC 280 east of Hudlin Gap Road to Expressway (no signals, limitations on driveways and median crossings)**



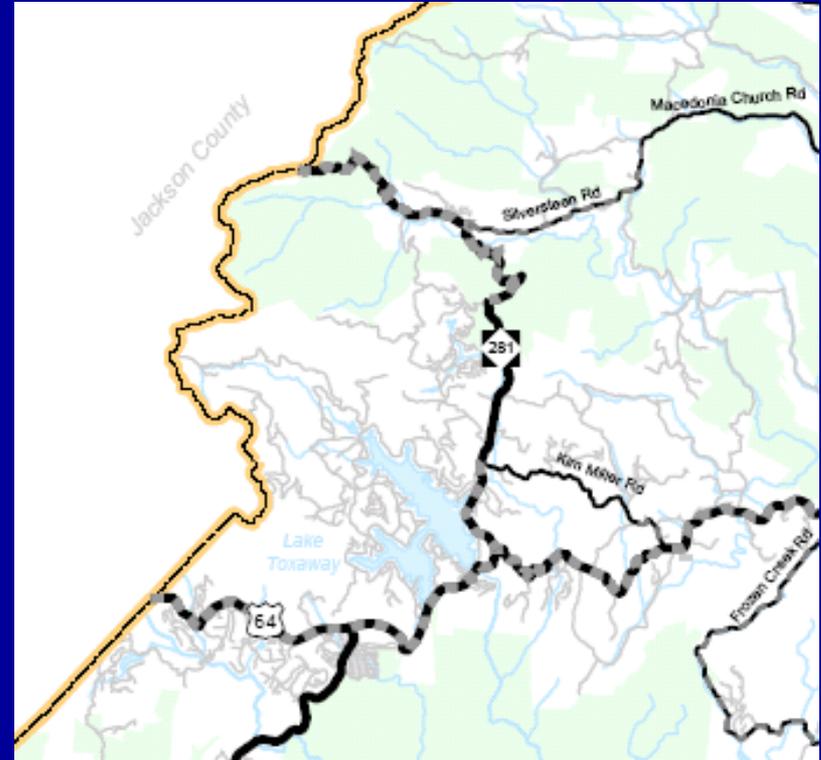
NC 215

- **2-lane Major Thoroughfare between US 64 & Balsam Grove community**
- **TIP Project**



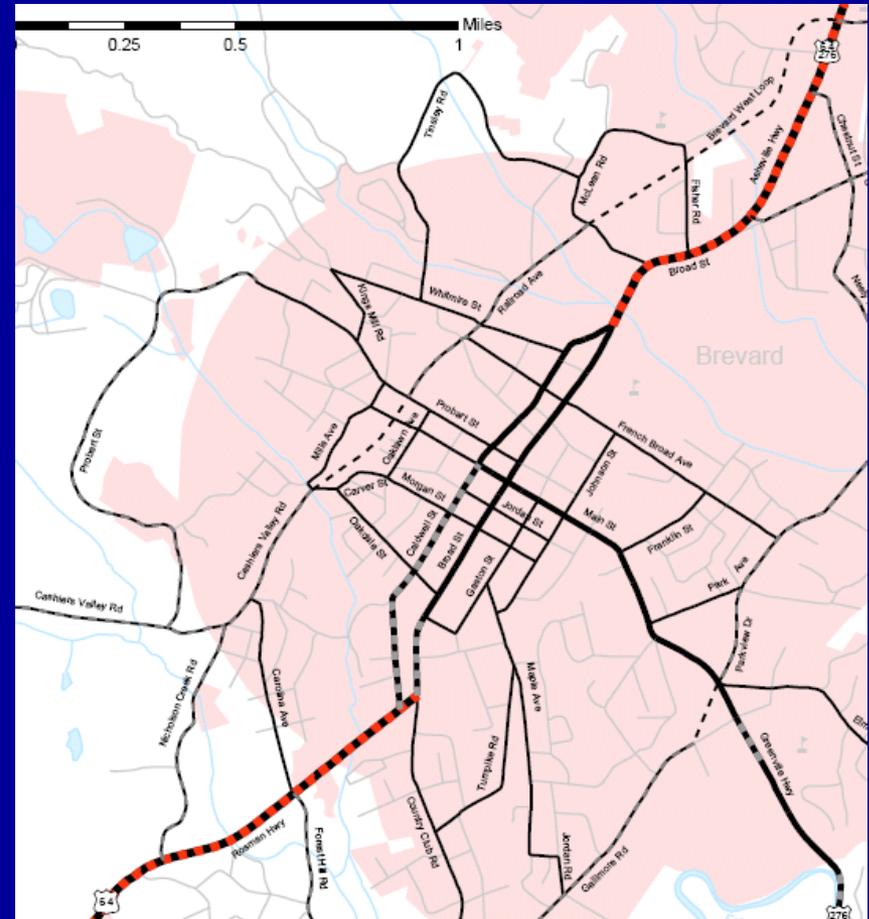
NC 281 North

- **2-lane Major Thoroughfare between Shelton Road & Jackson County Line**
- **Paving sections that are currently unpaved**
- **TIP Project**



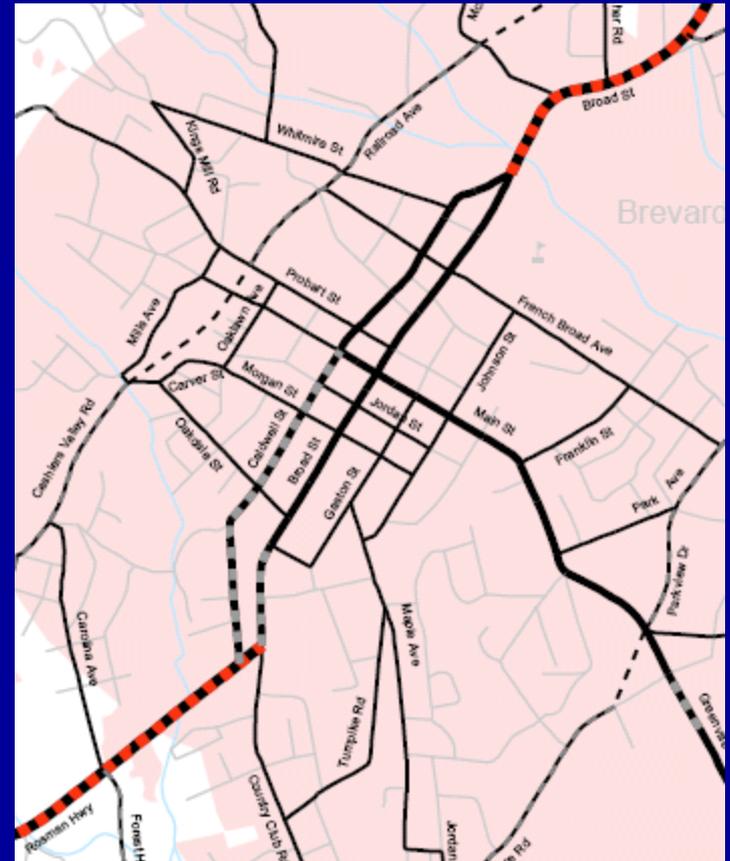
Brevard West Loop

- **2-lane Minor Thoroughfare, part on new location**
- **Provides an alternative route for local traffic in western Brevard neighborhoods**
- **Helps to relieve congestion on US 64 corridor through Downtown**



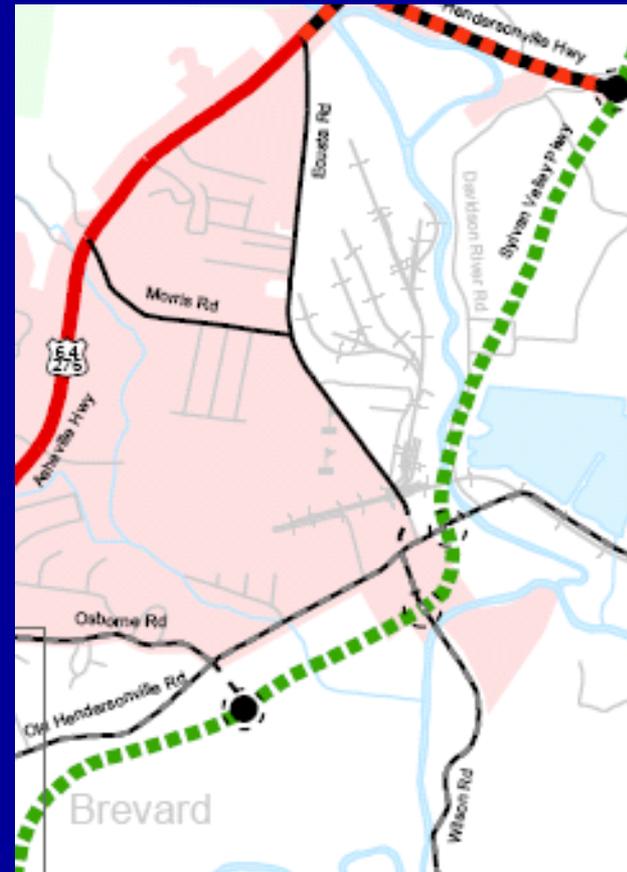
US 64 Unbalanced Couplet

- **Completion of unbalanced couplet through Downtown Brevard**
- **Widen Caldwell Street between Rosman Hwy & Main St to allow 2 westbound lanes**
- **Restripe Rosman/Broad intersection & South Broad Street to allow 2 eastbound lanes (left turn)**



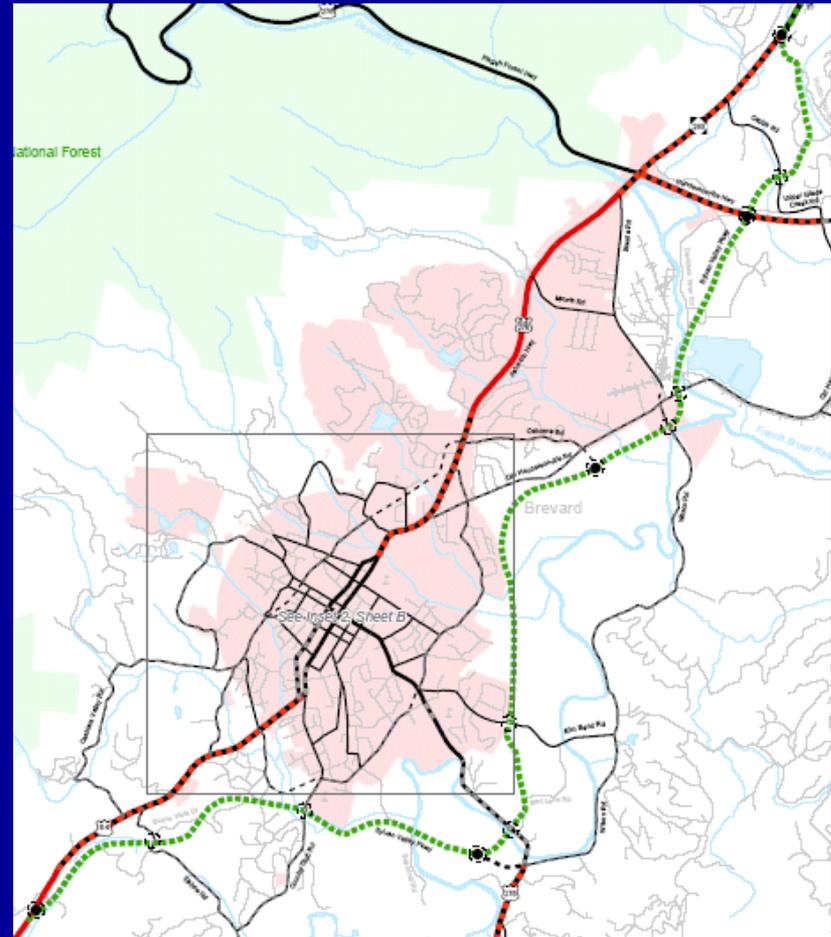
Old Hendersonville Rd/ Ecusta Rd & Wilson Rd

- **Realignment of Ecusta Road/Wilson Road offset at Old Hendersonville Road**
- **Creates one 4-leg intersection**



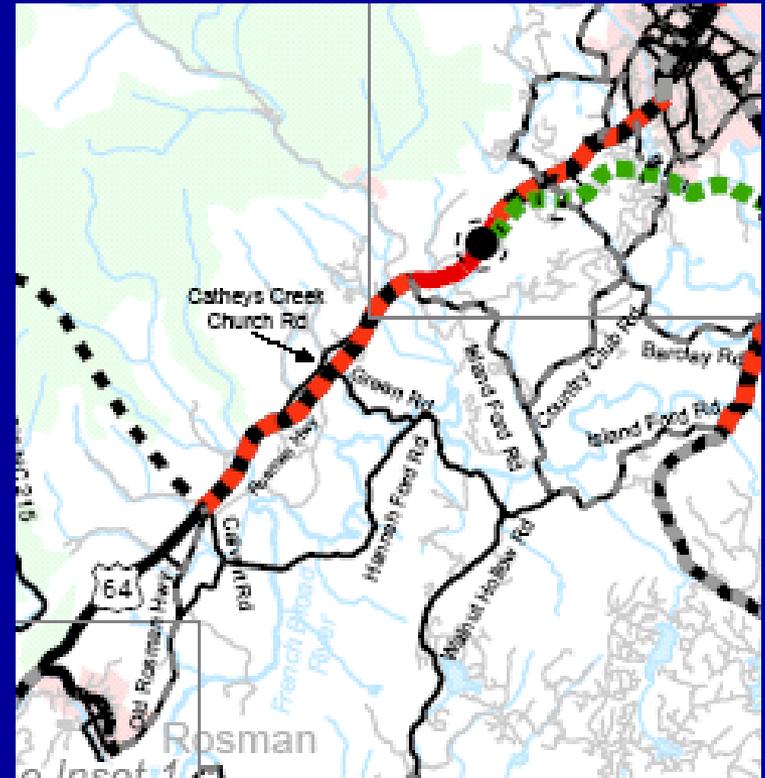
Sylvan Valley Parkway (Brevard Bypass)

- **2-lane facility on 4-lane Right-of-Way**
- **Expressway cross-section (controlled-access, no signals, some interchanges)**
- **Extends from NC 280 near Hudlin Gap Road to US 64 near Selica Road**
- **More detailed environmental study is necessary**



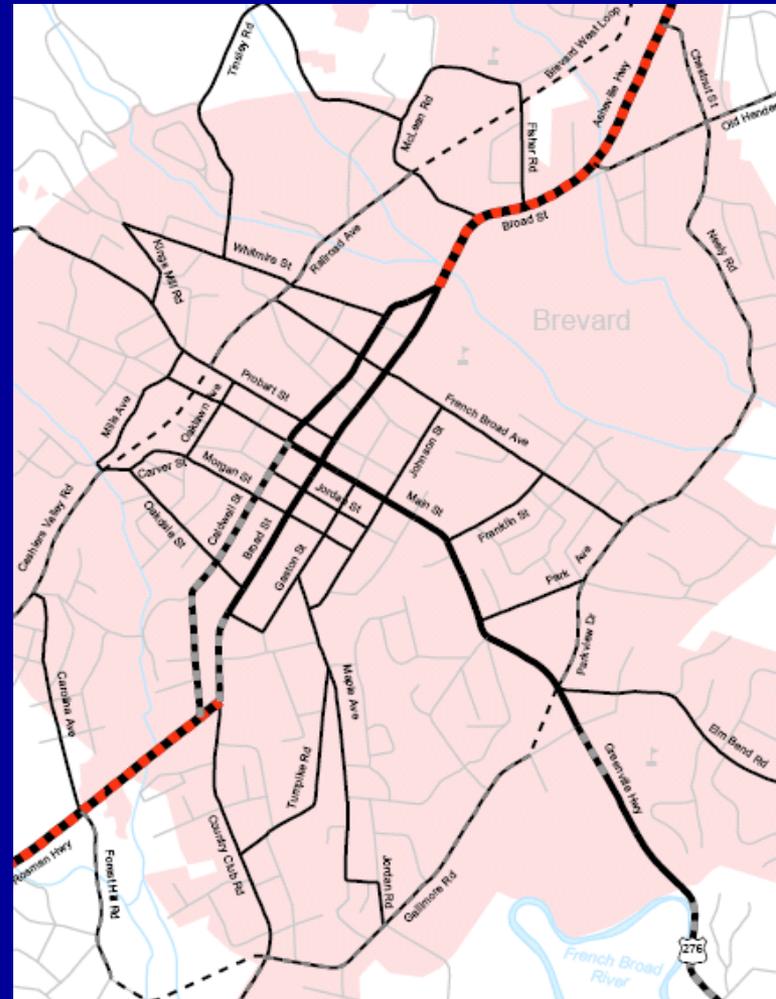
Rosman Highway

- **Addition of a median to existing 5-lane sections in southwestern Brevard**
- **Widening to 4-lane divided boulevard between Clement Road and Old Rosman Highway, to accommodate higher traffic volumes**



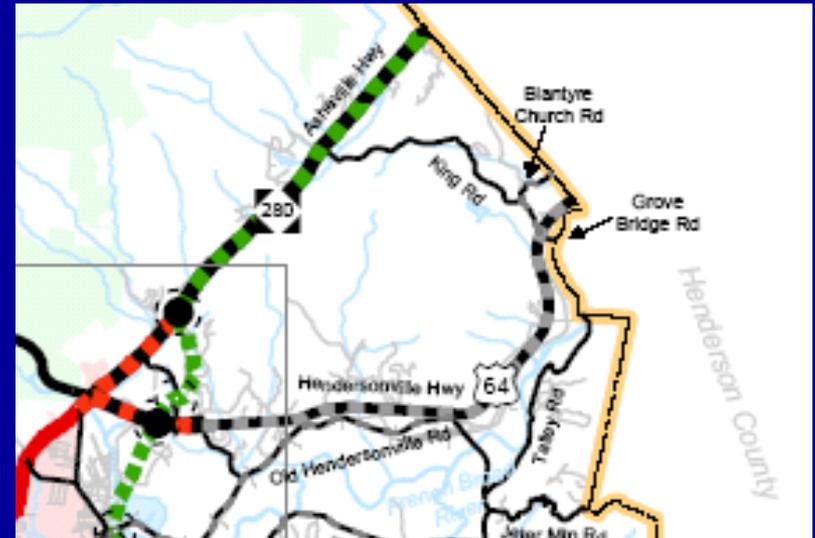
Brevard East Loop

- **2-lane Minor Thoroughfare, part on new location - intersection improvements along existing roadways**
- **Realigns Gallimore Rd/Greenville Hwy intersection with Parkview Drive**
- **Facilitates local movement around eastern Brevard**



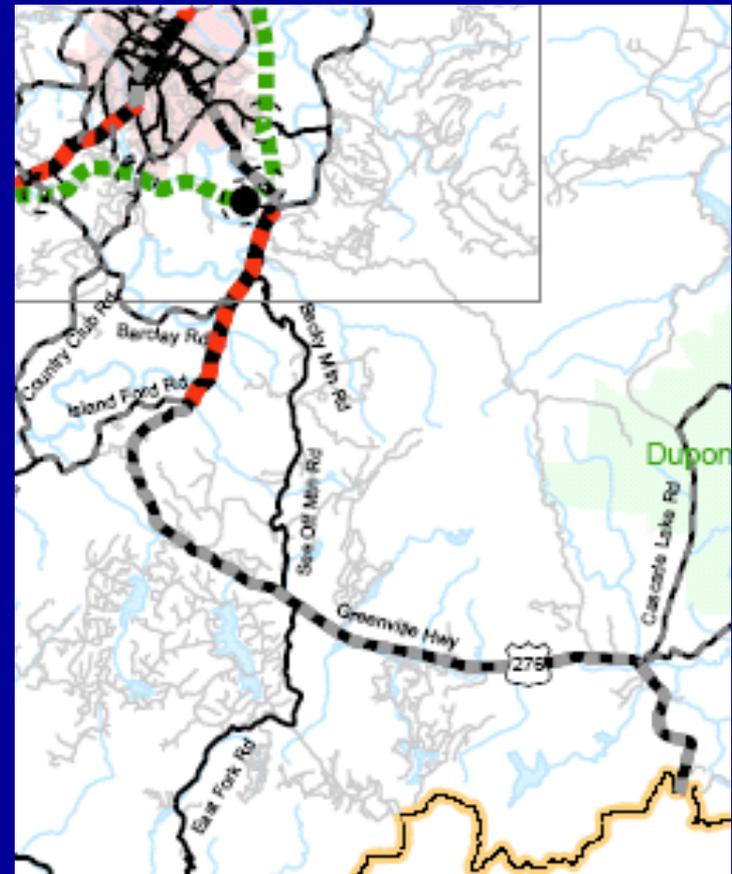
US 64 East

- **Widen to 4-lane divided boulevard from NC 280 to Glade Creek Rd, to accommodate traffic growth and provide connection to proposed Sylvan Valley Parkway**
- **Minor intersection improvements to maintain through-mobility on remaining 2-lane sections**



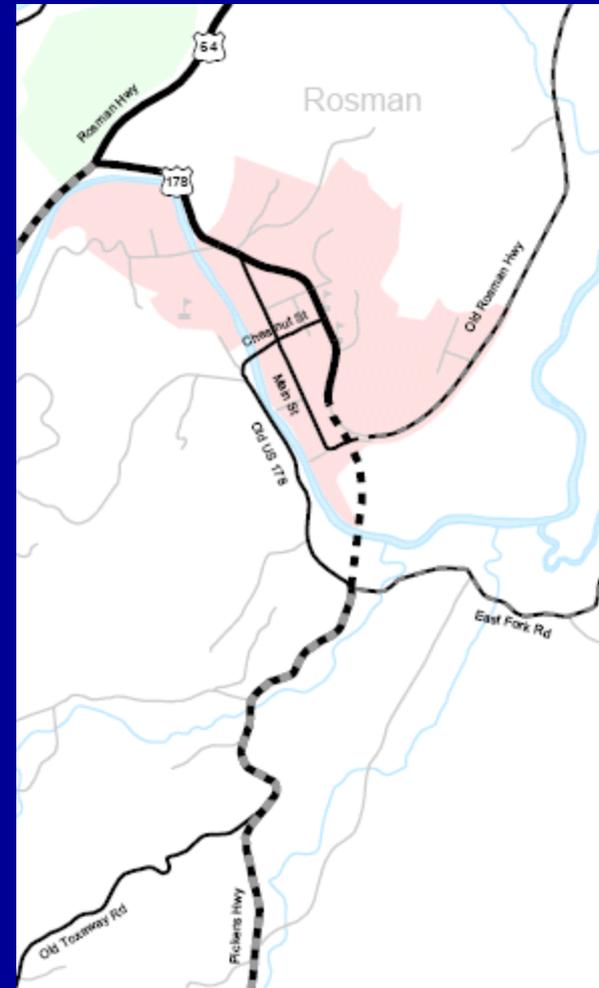
US 276 South

- **Widen to 4-lane divided boulevard from Wilson Rd/Sylvan Valley Parkway to Island Ford Rd**
- **Provide truck climbing lane between Island Ford Rd & East Fork Rd**
- **This will allow the road to handle increased traffic (strong directional peak)**



US 178 in Rosman

- **Realign US 178 through Rosman to straighten the route's path, avoid potential congestion near the existing bridge & elementary school, and bypass a flood-prone section**
- **This recommendation would require a new bridge over the French Broad River**



Minor Highway Projects

- **Turn lane at Greenville Hwy & Gallimore Rd**
- **Turn lane at Old 64 & Neely Rd/Chestnut St**
- **Macedonia Church Rd & Silversteen Rd improvements**
- **Old Rosman Hwy & Calvert Rd safety improvement**
- **Wilson Rd (raise from floodplain)**
- **Island Ford Rd (raise from floodplain)**
- **Minor widenings on:**
 - US 178 (24')**
 - US 276 South (24')**
 - NC 281 North (24')**
 - Old Hendersonville Rd (22-24')**
 - Old Toxaway Rd (20')**
 - Cascade Lake Rd (22')**
 - Cashiers Valley Rd (20')**
 - Country Club Rd (20-22')**
 - East Fork Rd (20')**
 - Everett Rd (22')**
 - Frozen Creek Rd (20')**
 - Illahee Rd (22')**
 - Island Ford Rd (20')**
 - King Rd (20')**
 - Macedonia Church Rd (20')**
 - Old Rosman Hwy (24')**
 - Osborne Rd (20')**
 - Silversteen Rd (20')**
 - Wilson Rd (22')**
 - Barclay Rd (20')**
 - Blantyre Church Rd (20')**
 - Kim Miller Rd (20')**
 - Probart St (20')**
 - Reasonover Rd (20')**

Other Modes

- **Rail: maintain existing freight line - if abandoned in future, preserve corridor as a multi-use path**
- **Transit: develop fixed route bus service between Brevard and Asheville/Hendersonville; develop feeder bus routes to serve US 64 corridor/Rosman and US 276 corridor/Cedar Mountain**
- **Bicycle: improve signed bicycle routes and other popular routes countywide through various means, including shoulders, bicycle lanes, warning signs, and education programs - construct the multi-use paths outlined in the Brevard Comprehensive Pedestrian Plan**

Questions?

Contact Information:

Matthew Day
Transportation Engineer
NCDOT Transportation
Planning Branch

(919) 715-5737

mday@dot.state.nc.us