

Comprehensive Transportation Plan Recommendations for Davidson County January 8, 2010

Highway Map

The following recommendations either have capacity issues and/or are part of the Strategic Highway Corridors Initiative. Improvements to these facilities will increase capacity, enhance safety, and relieve congestion.

- **US 52/Future I-285** – It is recommended that US 52 be upgraded to Interstate Standards from Lexington Planning Area Boundary to Winston Salem Metropolitan Planning Organization (WSMPO) Boundary in accordance with the NCDOT Strategic Highway Corridors (SHC) Initiative. This recommendation includes portions of Transportation Improvement Program (TIP) Project R-4750, which includes upgrading US 52 to Interstate Standards and designating this section as the Interstate 285 Corridor. The planned Interstate 285 Corridor begins at Interstate 85 south of Lexington, using the existing US 52 Corridor north to the planned Winston Salem Beltway (Future I-74), north of Winston Salem.
- **US 64** – It is recommended that US 64 be improved to Expressway Standards by widening the existing facility from two to four lanes with median from Randolph County Line to Davie County Line (a portion of US 64 will be covered in Lexington planning boundary) in accordance with the NCDOT Strategic Highway Corridors (SHC) Initiative. This recommendation includes portions of Transportation Improvement Program (TIP) Projects R-2220 (from US 220 in Asheboro in Randolph County to East of I-85 Business in Lexington) and R-3602 (from US 601 South of Mocksville in Davie County to US 52 in Lexington).
- **NC 8** – It is recommended that NC 8 be widened from 2 to 3-lanes from SR 1115 (Wrenn Rd) to SR 2412 (Rothrock Rd). This recommendation includes Transportation Improvement Program (TIP) Project R-2300 BA (SR 1115 to NC 49).
- **NC 49** – It is recommended that NC 49 be improved to Expressway Standards by widening the existing facility from two to four lanes with median from the Randolph County Line to the Rowan County Line in accordance with NCDOT Strategic Highway Corridor (SHC) Initiative. A new interchange is proposed at NC 8 and the existing interchange at NC 109 should be improved as well.
- **NC 109** – It is recommended that NC 109 be widened from two to four lanes with median from the High Point Metropolitan Planning Organization (HPMPO) Boundary to NC 47 in Denton. This recommendation includes portions of Transportation Improvement Program (TIP) Project R-4734 (from I-85 in Thomasville to NC 47 in Denton).
- **NC 150**- It is recommended that NC 150 to be widened from two to four lanes with median from the WSMPO Boundary to SR 1215 (Michael Rd) in the Tyro Community.

- **SR 3010 (Old US 52)** – It is recommended that SR 3010 be widened from 2 to 3-lanes from SR 1499 (Enterprise Rd) to SR 1822 (Tall Pines Rd), from SR 1502 (Carver Rd) to SR 1821 (Hinkle Ln), and from SR 1460 (N. Leonard Rd) to SR 1827 (Salem Rd)/Lexington Planning Area Boundary.

Minor Widening Improvements

The following routes do not have capacity issues, but are recommended to be upgraded to two 12-foot lanes with 2-foot paved shoulders to improve safety.

- NC 8 – From SR 2412 (Rothrock Rd) to NC 49 (TIP Project R-2300 AB and AA)
- NC 47 – From SR 2310 (Shiptontown Rd) to SR 2347 (Yates Rd).
- NC 109 – From NC 47 to SR 2559 (Klopman Mill Rd) [*Three 12-foot lanes*]
- NC 109 – From SR 2559 (Klopman Mill Rd) to NC 49
- NC 150 – From SR 0.1 miles north of SR 1155 (Swicegood Rd) to the Southwestern Lexington Planning Area Boundary
- SR 1002 (Denton Rd) – From NC 8 to SR 2507 (High Rock Rd)
- SR 1186 (N Koontz Rd) – From SR 1194 (Yadkin College Rd) to US 64
- SR 1194 (Yadkin College Rd) – From SR 1186 (Koontz Rd) to SR 1435 (Becky Hill Rd)
- SR 1435 (Becky Hill Rd) – From SR 1194 (Yadkin College Rd) to NC 150
- SR 1468 (Hoover Rd) – From NC 150 to SR 1453 (Arnold Rd)/Lexington Planning Area Boundary
- SR 2351 (Flat Swamp Rd) – From NC 8 to 0.2 miles west of SR 2350 (Buie Rd)
- SR 2507 (High Rock Rd) – From SR 1002 (Denton Rd) to S. Snyder St
- SR 2554 (Blaine Rd) – From NC 49 to the Montgomery County Line
- S Snyder St – From SR 2507 (High Rock Rd) to SR 2351 (W Salisbury St)

Public Transportation and Rail Map

While there is no fixed-route bus service in rural Davidson County, there is a planned high-speed rail connector between Winston Salem and Lexington, which is routed on an active rail corridor along SR 3010 (Old US 52).

The CTP process has identified a potential location for a park and ride lot in the Town of Denton. This location has been identified to service as a carpool/vanpool meeting point for commutes to different metropolitan areas outside the Town of Denton. The following location is recommended from a systems perspective, but the final location would be subject to agreements with property owners, etc.

- Proposed Park and Ride Lot on NC 109 at NC 47

Bicycle map

While there is no state designated bicycle route in Davidson County, the Piedmont Triad Rural Planning Organization has identified seven county bicycle routes throughout the county as well as connector routes. The Uwharrie National Forest also contains several bicycle trails in and around the forest boundaries. Also, the Davidson County Greenway Master Plan identifies recommended greenways for bicycles and pedestrians throughout the county.

In accordance with American Association of State Highway and Transportation Officials (AASHTO), roadways identified as bicycle routes should incorporate the following standards as roadway improvements are made and funding is available:

- Curb & gutter sections require at minimum 4-ft bike lanes or 14-ft wide outside lanes.
- Shoulder sections require a minimum 4-ft paved shoulder.
- All bridges along roadways where bike facilities are recommended shall be equipped with 54” railings.

On-road bicycle facilities that have been identified as needing improvement as well as recommended multi-use paths are shown in the Bicycle Map.

Pedestrian map

There are three communities in rural Davidson County that have existing or recommended sidewalks.

- Denton Inset
 - Existing Sidewalks
 - SR 2351 (Salisbury Street), from Denton Elementary to NC 47
 - SR 2414 (N. Main Street), from 2nd Street to NC 47 (Salisbury Street)
 - SR 2501 (S. Main Street), from NC 47 (Salisbury Street) to Noell Ave
 - Sidewalks, Need Improvement
 - NC 47 (Salisbury Street), from Jones Street to Varner Street
 - NC 47 (N. Jones Street), from 2nd Street to SR 2351 (Salisbury Street), part incomplete
 - Recommended Sidewalks
 - SR 2351 (Salisbury Street), from SR 2437 (Old Camp Rd) to Denton Elementary
 - NC 47 (Salisbury Street), from Varner Street to Broad Street
 - SR 2437 (Old Camp Road), from Meadowdale Drive to SR 2351 (Salisbury Street)
 - Meadowdale Drive, from SR 2437 (Old Camp Road) to NC 47 (N. Jones Street, part off-road facility)
 - NC 47 (N. Jones Street), from Meadowdale Drive off-road facility to 2nd Street
 - Complete sidewalk on NC 47 (N. Jones Street), from 2nd Street to SR 2351 (Salisbury Street)

- 4th Street, from NC 47 (N. Jones Street) to Broad Street
 - 1st Street, from NC 47 (N. Jones Street) to NC 109
 - SR 2414 (N. Main Street), from 4th Street to 2nd Street
 - Broad Street, from NC 47 (Salisbury Street) to 4th Street
 - NC 109, from 1st Street to South Davidson High School, part off-road facility
 - S. Snyder Street, from SR 2351 (Salisbury Street) to SR 2507 (High Rock Road)
 - SR 2507 (High Rock Road), from S. Snyder Street to SR 1002 (W. Peacock Ave)
 - SR 1002 (W. Peacock Ave), from SR 2507 (High Rock Road) to SR 2501 (S. Main Street)
 - SR 2511 (E. Peacock Ave), from SR 2501 (S. Main Street) to NC 109
 - Varner Street, from NC 47 (Salisbury Street) to Carroll Ave
 - Carroll Ave, from Varner Street to NC 109
 - SR 1002 (Peacock Ave), from Varner Street to NC 109
 - NC 47 (Bombay Street), from NC 109 to Forest Park Drive
- Tyro Inset
 - Recommended Sidewalks
 - NC 150, from SR 1183 (Giles Road) to SR 1155 (Swicegood Road)
 - SR 1180 (Tyro School Road), from NC 150 to West Davidson Library
 - SR 1215 (Michael Road), from NC 150 to SR 3139 (Dragon Drive)
 - SR 3139 (Dragon Drive), from SR 1215 (Michael Road) to West Davidson High School
- Welcome Inset
 - Recommended Sidewalks
 - Old US 52, from SR 1564 (Cricher Drive) to SR 1464 (Welcome-Bethesda Road)

The Davidson County Greenway Master Plan identifies recommended greenways for bicycles and pedestrians throughout the county. These are shown on the Pedestrian Map as recommended multi-use paths.

Sidewalk facilities that have been identified as existing, needing improvement, or recommended are shown in the Pedestrian Map.