

Randolph County Comprehensive Transportation Plan Recommendations

June 30, 2010

Highway Map

Major Improvements

I-73/74 (US 220): The existing I-73/74 (US 220) is a Strategic Highway Corridor (SHC) and is projected to be over capacity by 2035 from the High Point Metropolitan Planning Area to Southmont Dr (SR 1145). The primary purpose of improving I-73/74 (US 220) is to relieve congestion on the existing facility so that a minimum LOS D can be achieved. The CTP project proposals for I-73/74 (US 220) are given below:

- I-4407: Widen the existing facility from four to six-lanes and upgrade to interstate standards from NC 134/US 220 BUS to Park Dr Extension /W Presnell St (SR 1462).
- I-4921: Widen the existing facility from four to six-lanes and upgrade to interstate standards from Park Dr Extension. /W Presnell St (SR 1462) in Asheboro to I-85 in Greensboro and upgrade to interstate standards.

US 421: US 421 is a SHC and currently functions as an expressway from NC 49 to the Guilford County Line. The CTP project proposal is given below.

- RAND0001: Upgrade to freeway standards from NC 49 to the Guilford County Line implementing full control of access along the facility. An interchange is recommended at Deviney Rd/Shiloh Rd (SR 2407) and a grade separation at Starmount Rd/Shiloh Rd (SR 2407).

US 311 Bypass (Future I-74): The proposed US 311 Bypass (Future I-74) is a SHC. The CTP project proposal is given below:

- R-2606: Construct a four-lane divided freeway from south of Tuttle Rd (SR 1920) in the High Point MPO to US 220 north of Asheboro. Interchanges are recommended at US 311 and I-73/74 (US 220). Grade separations are recommended at Plainfield Rd (SR 1518) and Heath Dairy Rd (SR 1511).

US 220 BUS: The existing US 220 BUS is projected to be over capacity by 2035 from US 311 to Old Liberty Rd (SR 2261). The primary purpose of improving US 220 Business is to relieve congestion on the existing facility so that a minimum LOS D can be achieved. The CTP project proposal is given below:

- RAND0002: It is recommended that US 220 BUS be widened from two to five lanes with center left turn lane, from US 311 to Old Liberty Rd (SR 2261).

US 64: The existing US 64 is a Strategic Highway Corridor (SHC). US 64 is projected to be over capacity by the year 2035 from the Davidson County Line to Iron Mountain Rd (SR 2605). The primary purpose of improving US 64 is to relieve congestion on the existing facility so that a minimum of Level of Service (LOS) D can be achieved. The CTP project proposals for US 64 are given below:

- R-2220: Improve US 64 to an expressway from the Davidson County Line to the proposed Asheboro Southern Bypass by widening the existing facility from two to four-lanes with median and improving US 64 to boulevard standards from the proposed Asheboro Southern Bypass to US 220.
- R-2536 (Asheboro Southern Bypass): Construct a four-lane freeway on new location south of Asheboro with interchanges at NC 49, I-73/74 (US 220), NC 159, and NC 42. Grade separations are recommended at Old NC Hwy 49 (SR 1193), Mack Rd (SR 1144), Southmont Dr (SR 1145), US 220B, Old Cox Rd (SR 2834), Pine Hill Rd (SR 2824), and Luck Rd (SR 2604). This project includes a proposed connector (section D) for zoo access at NC 159.
- RAND0003: Upgrade US 64, from US 220 (R-2220) to the proposed Asheboro Southern Bypass (R-2536) eastern terminus, to boulevard standards by converting the existing five-lane facility into a four-lane, median divided facility.
- RAND0004: The existing four-lane divided facility should be upgraded to freeway standards from the eastern terminus of the proposed Asheboro Southern Bypass (R-2536) to Pleasant Ridge Rd (SR 1003) implementing full control of access along the facility. A grade separation is recommended at Iron Mountain Rd (SR 2605).
- RAND0005: Upgrade the section of US 64 within the Town of Ramseur from Pleasant Ridge Rd (SR 1003) to Reed Creek Rd (SR 2668) to boulevard standards by converting the existing five-lanes into a four-lane median divided facility.
- RAND0006: (US 64 Bypass - Ramseur): It is recommended that a four-lane freeway be constructed on new location from US 64 near Pleasant Ridge (SR 1003) to US 64 east of Ramseur at Reed Creek Rd (SR 2668). Interchanges are proposed at NC 22, NC 49 and both the western and eastern termini. A grade separation is proposed at Brady St.
- RAND0007: The existing four and five-lane facility should be upgraded to freeway standards from Reed Creek Rd (SR 2668) to the Chatham County Line by converting the existing five-lanes into a four-lane median divided facility and implementing full control of access along the facility. A grade separation is recommended at Lee Layne Rd (SR 2626) and an interchange is recommended at Browns Crossroad Rd (SR 2469).

NC 49 (west of Asheboro): Portions of the existing NC 49 are designated as a SHC and are projected to be over capacity by 2035 from US 64 to Union Church Rd (SR 1163). The primary purpose of improving NC 49 is to relieve congestion on the existing facility so that a minimum LOS D can be achieved. The CTP project proposal is given below:

- R-2535: Widen the existing two-lane facility to a four-lane divided facility from Waynick Meadow Rd (SR 1174) west of Farmer to the proposed Asheboro Southern Bypass (R-2536) west of Old State Highway 49 (SR 1193).

NC 49 (East Liberty Bypass): The existing NC 49 is currently a two-lane major thoroughfare through the Town of Liberty. The primary purpose for improving NC 49 is to reroute through traffic around Downtown Liberty. The CTP project proposal is given below:

- R-3803: Upgrade/Construct a two-lane major thoroughfare on a four-lane right of way, part on new location, from NC 49 BUS (Fayetteville St) at Kinro Rd (SR 2427) to NC 49 (Swannanoa St)

RAND0008 - Pineview Rd (SR1712): Widen existing two lane facility to five lanes with center left turn lane, from the existing interchange at I-73/74 (US 220 Bypass) to US 220 BUS.

RAND0009 - Northeast Blvd (Part on new Location): Widen the existing two lane facilities to five lanes with center left turn lanes. Hub Morris Rd (SR 2149), from its intersection with US 220 BUS to Old Liberty Rd (SR 2261) and Henley Country Rd (SR 2215), from its intersection with Giles Chapel Rd (SR) to US 64/49.

New Connectors

Two lane minor thoroughfares are recommended at the following locations:

Asheboro

- Crestview Church Rd Extension - from NC 159 to Browers Chapel Rd (SR 2826).
- Meadowbrook Rd Extension - from existing Meadowbrook Rd to Elm St.
- Western Connector - from Old Lexington Rd (SR 1004) to Otis Rd (SR 1633).
- White Oak St Extension - from the existing White Oak Rd and Presnell St intersection to US 220 BUS (Main St).

Randleman

- Claude Holden Dr Extension - from Main St (US 220 BUS) to Caudle Rd.
- E River Dr Extension - from existing E River Dr to E Naomi Rd (SR 2119).
- Worthville St Extension - from Worthville Rd to Bowers Ln.

Liberty

- Faust Ave Extension - from Luther Ave to Faust St and from NC 49 BUS (Swannanoa Ave) to Raleigh Ave.
- Northeastern Loop (Hinshaw Extension) - from E Butler Ave (SR 2419) to NC 49.
- Northwestern Loop (Butler Ave Extension) - from W Butler Ave to Bunton Swaim Rd (SR 2411).
- Raleigh Ave Realignment - Realignment of roadway at intersection of Dameron Ave and Hinshaw Country Rd (SR 2426).
- Southwestern Loop (Kinro Rd Loop) - from NC 49 BUS (Fayetteville St) to Starmount Rd (SR 2407).

- Sizemore Ave Extension - from W Sizemore Ave to the proposed Southwestern Loop (Kinro Rd Loop).

Ramseur

- Southern Connector - A two-lane minor thoroughfare is recommended from the intersection of Jones Rd (SR 2616) and Brooklyn Ave (SR 2615) to NC 22 south of Ramseur.

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.

- US 220 Business - from Burny Rd (SR 1127) to Oakview Rd (SR 2910) north of Seagrove and from I-73/74 to US 64/NC 49 in Asheboro.
- NC 705 - from I-73/74 to US 220 BUS and from Old US 220 BUS to the Moore County Line.
- NC 159 - US 64/NC 49 to the proposed Asheboro Southern Bypass.
- NC 159 Spur - from NC 159 to the Asheboro Zoo entrance.
- NC 134 - from US 220 BUS to the Montgomery County Line.
- NC 49 - from the Alamance County Line to S Valley St and from the W Patterson Ave in Liberty to US 64 in Ramseur.
- NC 47 - from NC 49 to the Davidson County Line.
- NC 42 - from Cox St (SR 2327) in Asheboro to the Chatham County Line.
- NC 22 - from the Guilford County Line to Clark Ave in Franklinville and from Main St in Ramseur to the Chatham County Line.
- Academy Rd Extension (SR 2500) - from NC 22 to Butlers Chapel Rd (SR 2499).
- Andrew Hunter Rd (SR 2235) - from NC 22 to US 64.
- Bell Simmons Rd (SR 1146) - from Southmont Dr (SR 1145) to US 220 BUS.
- Browers Chapel Rd (SR 2826) - from US 64 to NC 42.
- Browns Crossroads Rd (SR 2469) - from NC 49 to US 64.
- Burny Mill Rd (SR 1105) - from Lassiter Mill Rd (SR 1107) to Montgomery County Line.
- Crestview Church Rd (SR 2820) - US 220 BUS to NC 159.
- Danny Bell Rd (SR 1162) - from Mack Rd (SR 1144) to Hopewell Friends Rd (SR 1142).
- Erect Rd (SR 1003) - from Holly Spring Rd (SR 1003) to the Moore County Line.
- Faith Rock Rd (SR 2207) - from Andrew Hunter Rd (SR 2226) to US 64/ NC 49.
- Ferguson Rd (SR 2479) - from Brady St Extension to Ramseur Julian Rd (SR 2442).
- Foushee Rd (SR 2621) - from Parks Crossroads Church Rd (SR 2628) to Lee Layne Rd (SR 2626).
- Henley Country Rd (SR 2215) - from E Presnell St (SR 1462) to the proposed Northeast Blvd.
- High Pine Church Rd (SR 1143) - from New Hope Rd (SR 1181) to Lassiter Mill Rd (SR 1107).
- Holly Spring Rd (SR 1003) - from Erect Rd (SR 1003) to Pleasant Ridge Rd (SR 1003).

- Hoover Hill Rd (SR 1408) - from the High Point MPO to US 64.
- Iron Mountain Rd (SR 2605) - from NC 42 to US 64/NC 49.
- Lassiter Mill Rd (SR 1107) - from Old State Hwy 49 to NC 49.
- Liberty Grove Dr (SR 2417) - from Old 421 Rd to the Guilford County Line.
- Little River Rd (SR 1119) - from Center Cross Church Rd (SR 1115) to I-73/74.
- Luck Rd (SR 2604) - from US 64 to Iron Mountain Rd (SR 2605).
- Moore Rd (SR 1318) - from Old State NC 49 to Sawyersville Rd (SR 1328).
- New Hope Rd (SR 1181) - from NC 49 to the Montgomery County Line.
- Old 421 Rd (SR 1006) - from N Greensboro St (SR 1006) to the Guilford County Line.
- Old Cox Rd (SR 2834) - from NC 159 to Old Hwy 13 (SR 2845).
- Old Liberty Rd (SR 2261) - from US 421 to US 220 BUS.
- Old NC Hwy 49 (SR 1193) - from NC 49 to Union Church Rd (SR 1163).
- Otis Rd (SR 1633) - from US 64 to the proposed Western Loop (New Location).
- Parks Crossroads Church Rd (SR 2628) - from US 64 to NC 22.
- Patterson Grove Rd (SR 2491) - from NC 22 to Ramseur Julian Rd (SR 2442).
- Pentecostal Church Rd (SR 2228) - from Pleasant Cross Rd (SR 2224) to Andrew Hunter Rd (SR 2235).
- Pine Hill Rd (SR 2824) - from Browers Chapel Rd (SR 2826) to Old Cox Rd.
- Pisgah Covered Bridge Rd (SR 1114) - from High Pine Church Rd (SR 1143) to US 220 BUS.
- Pleasant Ridge Rd (SR 1003) - from US 64 to Holly Springs (SR 1003).
- Southmont Dr (SR 1145) - from Mack Rd (SR 1144) to US 220 BUS.

Asheboro

- NC 49 - from US 64 to the proposed Asheboro Southern Bypass.
- Albermarle Rd (SR 1713) - from US 64 to S Park St (SR 1451).
- E Allred St (SR 2182) - from Gold Hill Rd (SR 2183) to Meadowbrook Rd (SR 2184).
- Balfour Ave (SR 2167) - from US 220 BUS to Old Liberty Rd.
- Coleridge Rd (SR 2194) - from NC 42 to Martin Luther King Jr Dr (SR 2189)
- Cox St (SR 2327) - from Greensboro St to US 64/NC 49.
- Draper Ave (SR 2159) - from Gold Hill Rd (SR 2183) to Central Falls Rd (SR 2163).
- Dublin Rd (SR 2197) - from NC 42 to US 64.
- Eldorado Rd/NewBern Ave (SR 2919) - from US 220 BUS to NC 159.
- Gold Hill Rd (SR 2183) - from Old Liberty Rd (SR 2261) to E Presnell St (SR 1462).
- McDowell Rd (SR 1150) - from Mack Rd (SR 1144) to US 220 BUS.
- Meadowbrook Rd (SR 2184) - from E Allred St (SR 2182) to Brewer St.
- Old Cedar Falls Rd (SR 2216) - from Martin Luther King Jr Rd (SR 2189) to Henley Country Rd (SR 2215).
- Old Farmer Rd (SR 3255) - US 64 to I-73/74.
- Old Lexington Rd (SR 1004) - from Lake Lucas Rd (SR 1518) to Westwood Dr.
- Pineview Rd (SR 1712) - from Heath Dairy Rd (SR 1511) to I-73/74 (US 220).
- W Presnell St (SR 1462) - from I-73/74 to US 220 BUS.
- Ridge Rd (SR 2915) - from US 220 BUS to NC 159.
- Uwharrie St (SR 1443) - from Albermarle Rd (SR 1713) to Sunset Ave (SR 2834).

- Wesleyan

Liberty

- Brookwood Ave (SR 2410) - from N Greensboro St (SR 1006) to York Martin Rd (SR 2410).
- Bunton Swaim Rd (SR 2411) - from Starmount Rd (SR 2411) to York Martin Rd (SR 2410).
- E Butler Ave (SR 2419) - from Old 421 Rd (SR1006) to Alamance County Line.
- W Butler Ave - from Old 421 Rd (SR 1006) to proposed Northwestern Loop.
- Dameron Ave - from Greensboro St (SR 1006) to the Alamance County Line.
- Greensboro St (SR 1006) - from Raleigh Ave to US 421.
- N Greensboro St (SR 1006) - from E Newberry Ave to Old 421 Rd (SR 1006)
- Kirkman St (SR 2429) - from W Swannanoa Ave (SR 2261) to Troy Estate Rd (SR 2434).
- Swannanoa Ave (SR 2261) - from N Greensboro Rd (SR 1006) to Fayetteville St.
- Starmount Rd (SR 2407) - from N Greensboro St (SR 1006) to US 421.
- York Martin Rd (SR 2410) - from Brookwood Ave (SR 2410) to Old 421 Rd (SR 1006).

Franklinville

- Academy St - from NC 22 to Academy Rd Extension (SR 2500).
- Allred St - from NC 22 to Clark Ave.
- Cedar Falls Rd (SR 2226) - from NC 22 to White Memorial Rd (SR 2141).
- Clark Ave - from NC 22 to Academy St (SR 2495).
- Clark St - from Academy St - Sunrise Ave.
- Depot St - from NC 22 to Clark Ave.
- Sunrise Ave - from NC 22 to Clark St.

Ramseur

- Brady St/Brady St Extension - from US 64/NC 49 to Ferguson Rd (SR 2479).
- Brooklyn Ave (SR 2616) - from Main St (SR 2615) to Pleasant Ridge Rd (SR 1003).
- Elam Ave - from US 64 to Kimrey St.
- Jones St (SR 2616) – from US 64 to Brooklyn Ave (SR 2615).
- Kimrey St - From US 64 to Ridge St/Elam St.
- Ridge St - from Elam Ave to the proposed US 64 Bypass.

Public Transportation and Rail Map

The Piedmont Authority for Regional Transportation (PART) operates one bus service in Randolph County, which runs from the Greensboro Depot to Asheboro Zoo. This service has 6 stops which include 3 park-n-ride lots in Randolph County:

- Randleman - Park-n-Ride Lot at Wal-Mart Parking lot
- North Asheboro - Park-n-Ride Lot at Balfour & N. Fayetteville St
- Randolph Hospital - N. Fayetteville St
- Randolph Community College - near the clock tower
- South Asheboro - Park-n-Ride Lot at McDowell Rd and Industrial Pk Ave
- NC Zoo Entrance

In conjunction with the construction of the proposed Asheboro Southern Bypass (TIP 2536-D), PART will propose an alternate route to the zoo. The zoo access road will run from the Asheboro Southern Bypass to NC 159. This new route will enable greater frequency of service to the NC Zoo. These features can be seen in more detail on the Public Transportation and Rail Map.

Bicycle Map & Pedestrian Map

The Randolph County Growth Management Plan has helped to identify recommended greenways for bicycles and pedestrians throughout the county. These features are shown on the Bicycle and Pedestrian Map as recommended multi-use paths.

While there is no state designated bicycle route in Randolph County, the Piedmont Triad Rural Planning Organization has identified several county bicycle routes throughout the county as well as connector routes. These routes are featured on the Bicycle Map.

The Piedmont Triad Rural Planning Organization completed a sidewalk inventory for the municipalities of Randolph County. These features are shown on the Pedestrian Map.