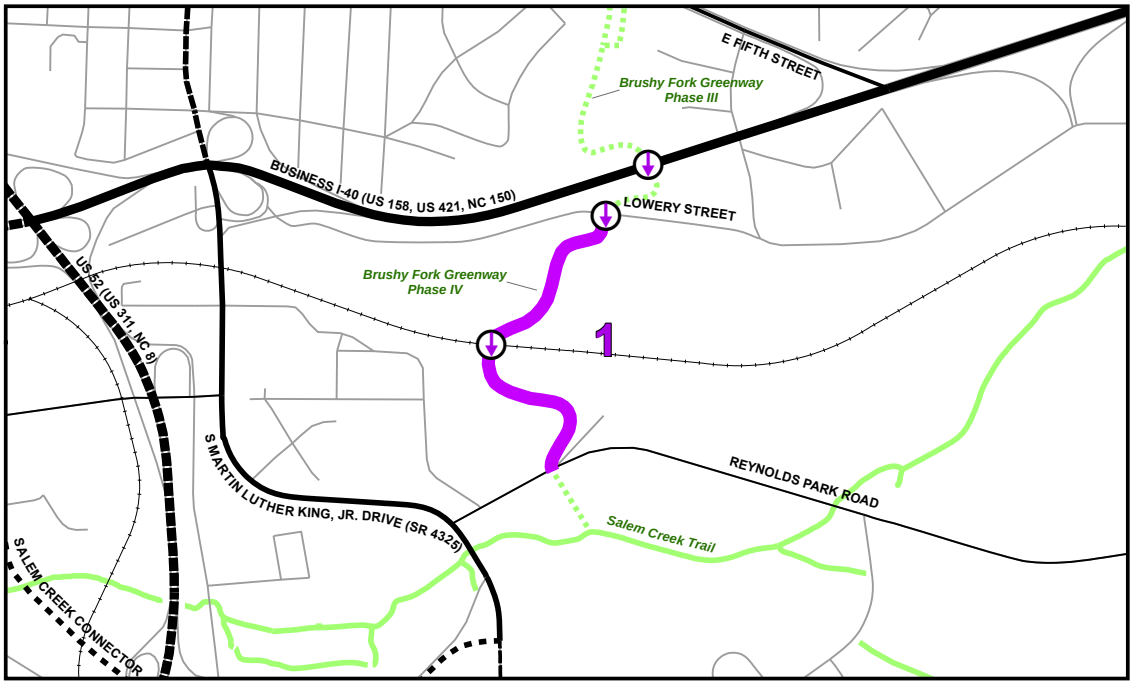
WINSTON-SALEM URBAN AREA MPO
2009 TRANSPORTATION NEEDS

BICYCLE AND PEDESTRIAN PROGRAM
LIST OF PRIORITY PROJECTS

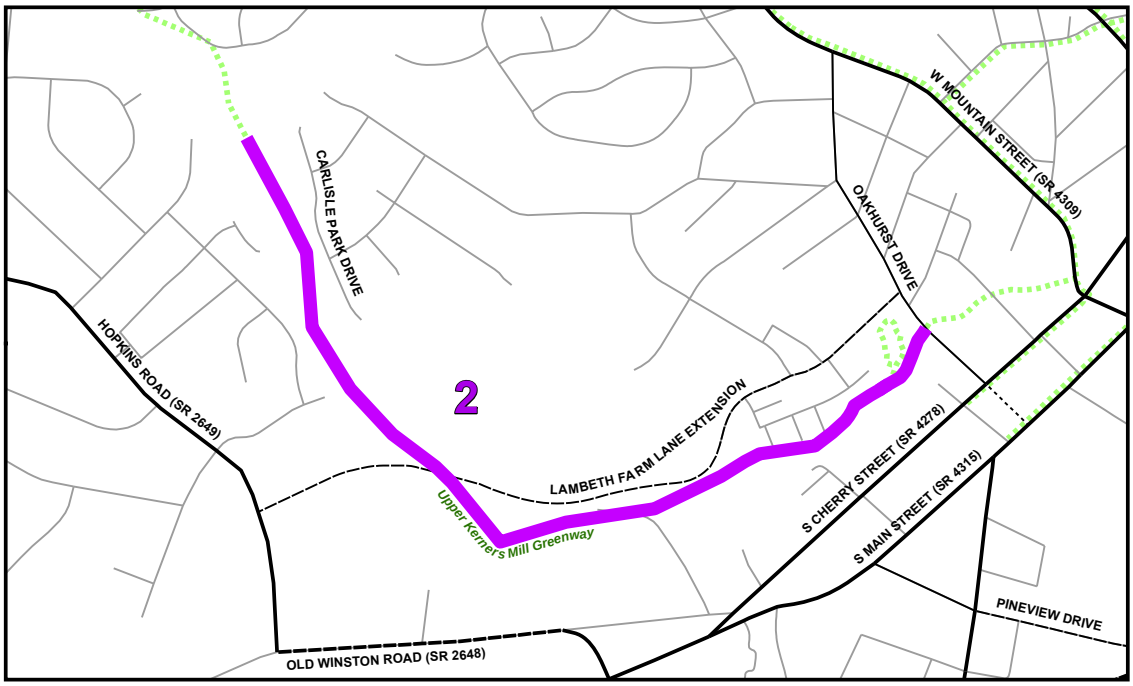
Brushy Fork Phase 4

Project Priority: 1
Regionally Significant: Yes
Municipality: Winston-Salem
Description: Lowery Street to Reynolds Park Road and eventually Salem Creek Greenway after bridge 87 is replaced on Reynolds Park Road.
Distance: 2,900 feet
Estimated Project Cost: $400,000
2007 Average Daily Traffic: N/A
Project Justification:
Brushy Fork Phase 4 - Phase 4 of the Brushy Fork Greenway will connect the Brushy Fork/Newell/Massey Trail to the existing Reynolds Park Road. A future bridge replacement on Reynolds Park Road would eventually allow the Brushy Fork Greenway to connect to Salem Creek Greenway.



Upper Kerners Mill Creek Greenway

Project Priority: 2
Regionally Significant: Yes
Municipality: Kernersville
Description: Construct a muti-use greenway from Oakhurst St. to the vicinity of Carlisle Park Dr. The greenway is one of two greenway sections, thus creating a connective network.
Distance: 1.4 miles
Estimated Project Cost: N/A
2007 Average Daily Traffic: N/A
Project Justification:
The Upper Kerners Mill Creek Greenway will provide a link between the Downtown area of Kernersville with residential neighborhoods in the Oakhurst and Hopkins Road areas. The greenway would begin near the intersection of Oakhurst and Cherry near Harmon Park and the future Paul Ciener Botanical Gardens. That part of downtown is often the site of many community events including the Christmas parade, Christmas tree lighting, Spring Folly, etc. The greenway would run along the large McConnell development and access would be provided to the apartment and townhouse complexes along Cherry Street as well as residential areas off Hopkins Road with direct access to Kensington Village. This route is part of the Mountains to Sea trail and the Piedmont Greenway and would eventually extend west to connect the residents of Kernersville with Salem Lake in Winston-Salem. Additionally the Town owns 2 tracts of land along the proposed greenway corridor and a subcommittee of the Town of Kernersville Recreation and BiPed Committee is looking at potential future recreational uses for those properties.



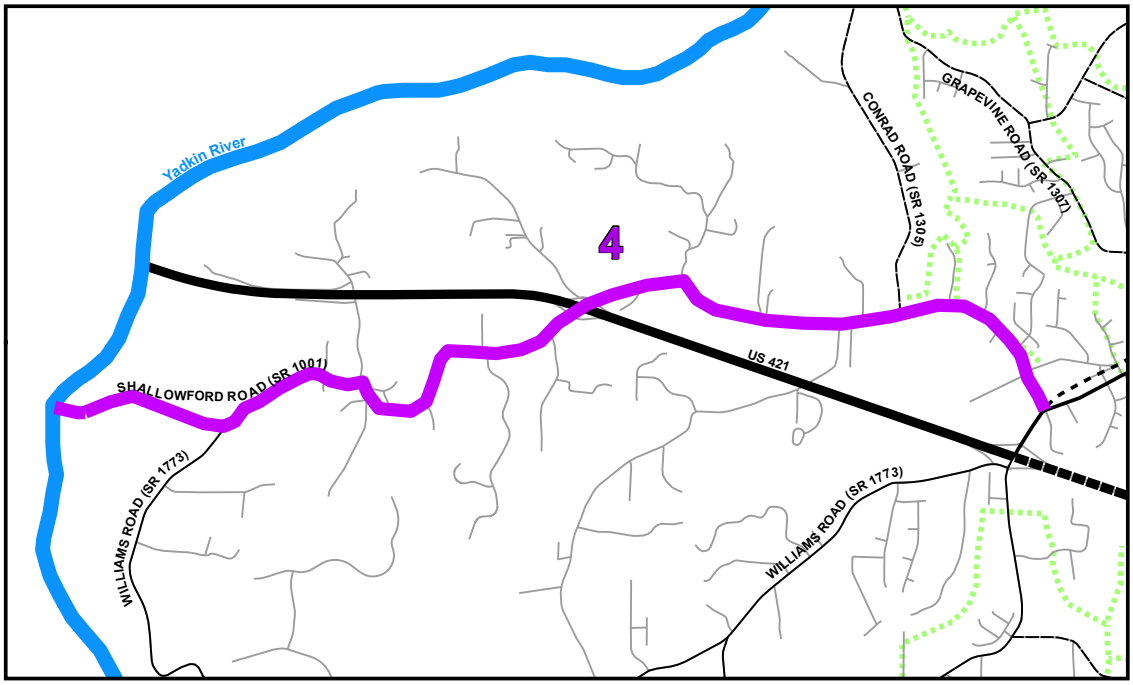
Signed Bicycle Route Improvements

Project Priority: 3
Regionally Significant: Yes
Municipality: Forsyth County
Description: Widen all signed bicycle route streets on each side of the road to provide at least fourteen (14) foot wide travel lanes in the City of Winston-Salem and Forsyth County.
Distance: N/A
Estimated Project Cost: N/A
2007 Average Daily Traffic: N/A
Project Justification:
Fourteen (14) feet of pavement will provide for safer shared travel between bicyclists and motorists; however, some of the travel lanes on signed bicycle routes are not fourteen (14) feet wide. As routine maintenance or other roadway improvements occur all signed bicycle routes should be widened to provide for at least fourteen (14) foot travel lanes for each outside travel lane.

See Enclosed Map

Mountain to Sea Cross State Route #2

Project Priority: 4
Regionally Significant: Yes
Municipality: Forsyth County
Description: Widen the Mountain to Sea Cross State Route #2 from Lewisville to the Forsyth County line at the Yadkin River Bridge to allow for cars and bicyclists.
Distance: 4.4 miles
Estimated Project Cost: $18,000,000
2007 Average Daily Traffic: N/A
Project Justification:
This portion of the Mountain to Sea route is one of the most heavily used bicycle routes in Forsyth County. Some of the travel lanes on signed bicycle routes are not fourteen (14) feet wide. Widening this route and reducing the posted speed limit will provide for safer shared travel between bicyclists and motorists.



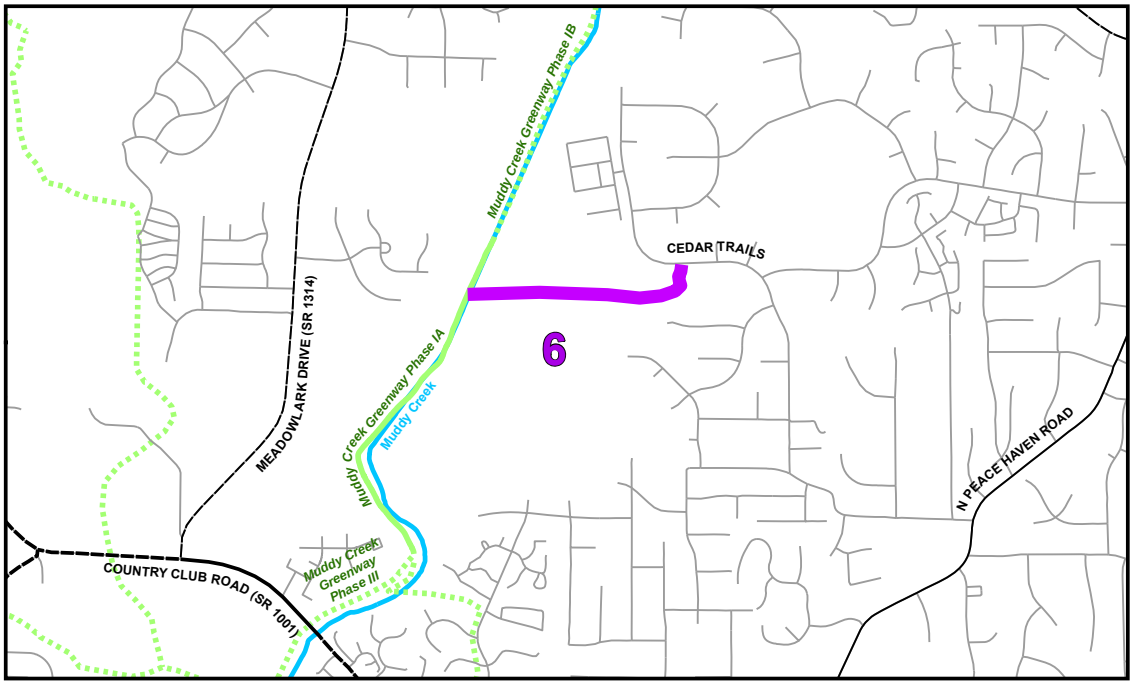
County Route Signs

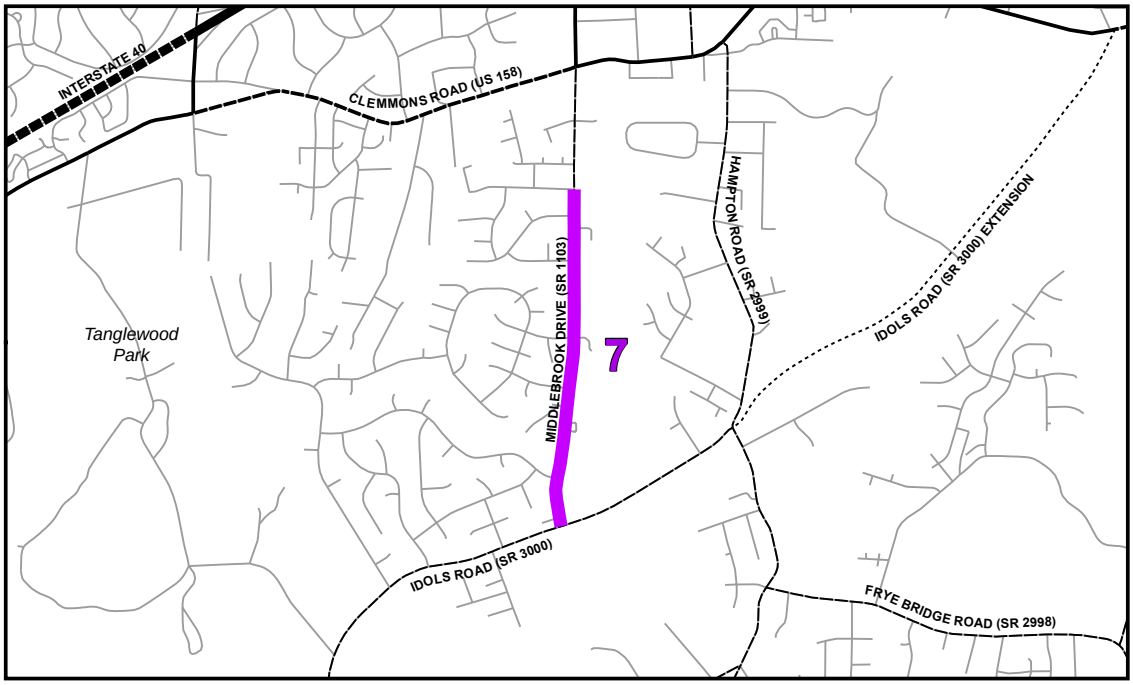
Project Priority: 5
Regionally Significant: Yes
Municipality: Forsyth County
Description: Install new bike route-signs on all mapped routes.
Distance: 100 miles
Estimated Project Cost: $100,000
2007 Average Daily Traffic: N/A
Project Justification:
The Winston-Salem Urban Area Metropolitan Planning Organization (WSMPO) developed a new bicycle route map in 2005 as part of the Comprehensive Bicycle Master Plan. This map was to replace the map developed in 1992. With a majority of the routes changing from 1992 to 2005, there is a need to remove the existing signs installed in 1992 and install new signs for the 2005 routes. New signs have already been installed within the Winston-Salem City limits and funding needs to be identified to complete the signs for the entire MPO.

See Enclosed Map

Muddy Creek/Cedar Trails Connection

Project Priority: 6
Regionally Significant: No
Municipality: Winston-Salem
Description: Greenway Connection from Cedar Trails Rd to the Muddy Creek Greenway (Approx 3000 Feet). This connection will also require a bridge over Muddy Creek about 100 feet long.
Distance: 3,000 feet
Estimated Project Cost: $500,000
2007 Average Daily Traffic: N/A
Project Justification:
Phase 1B of the Muddy Creek Greenway will be completed this spring on the west side of Muddy Creek. This connection will enable residents of Sherwood Forest to access the greenway. Furthermore it will allow students to access the two schools on this greenway. Easements for this connection are being considered with the neighborhood association and a preliminary survey has occurred. This connection will also require a bridge over Muddy Creek about 100 feet long.



Middlebrook Drive Sidewalk

Project Priority: 7
Regionally Significant: No
Municipality: Clemmons
Description: 5-foot sidewalk on the west side of Middlebrook Dr from Greenbrook Dr to Idols Rd.
Distance: 5,800 feet
Estimated Project Cost: $400,000
2007 Average Daily Traffic: 5,300 - 11,000
Project Justification:
Clemmons recently completed a Congestion Mitigation and Air Quality Improvement (CMAQ) Project C-4977, constructing a sidewalk along Middlebrook Drive from Greenbrook Drive to the vicinity to Highway US 158, a length of 1,700 feet, at a cost of $166,000. This project is in accordance with the recently completed Clemmons Village Transportation Plan, which recommends this sidewalk a a element of the overall Clemmons Bicycle and Pedestrian Facilities Plan. The continuation and completion of this sidewalk is the pivotal component of providing a pedestrian connector to the rear entrance to Tanglewood Park at Idols Road.