

## Transit Stop Location Inventory A study of Winston-Salem Transit Authority System Existing Facilities and Future Needs

The Winston-Salem Department of Transportation (WSDOT), in cooperation with the Winston-Salem Transit Authority (WSTA) and the Piedmont Authority for Regional Transportation (PART), is currently conducting a comprehensive Transit Stop Inventory and Assessment of over 1,000 transit stops in the Winston-Salem Urban Area. The project involves three main stages including data collection, data analyses, and policy recommendations that will guide transit stop improvements to the system. The primary goal of this project is to improve the overall infrastructure of the transit system and thereby make the system as efficient, safe and user friendly as possible for transit riders.



Handheld GPS inventory of bus stop locations.

During the data collection stage, two summer interns from Winston-Salem State University and MPO staff examined each route in the system. The data collection involved identifying each stop location with Global Position Systems (GPS) equipment to provide points for the Geographic Information System (GIS); developing a pictorial inventory of each transit stop location from multiple angles; and performing an infrastructure assessment for each stop.



2009 Summer Interns, Calesha Barino and Terrell Wilson are students from WSSU



New Goodwill siteplan provided a bus shelter.



New bus shelter with ADA compliant ramp.

As part of the inventory, stops with inconvenient or hazardous conditions were specially noted. Remedies may call for moving some stops to safer locations or removal of dangerous or ADA noncompliant stops altogether.

The data inventory includes what is there and what is not there at each bus stop. The next step is to analyze each stop to identify what improvements are needed and what follow-up work must occur before any changes take place. Specifically, the staff will look at the existing conditions and determine what types of future infrastructure such as bus stop placement, route information, bus shelters, sidewalks, benches, trash cans, streetlights, bike racks, and other related transportation infrastructure may be needed.

# Bicycle & Pedestrian Projects

## Bicycle and Pedestrian Call for Projects for the MPO

The Winston-Salem MPO recently announced a Call for Projects to collect bicycle and pedestrian project ideas to help program STP-DA funds for the 2010-2012 fiscal years.

Announcements were sent to all MPO communities and public participation meetings have been scheduled to gather as much input as possible. All bicycle and pedestrian projects will be considered, including sidewalks, crosswalks, curb ramps, bike lanes, greenways, bike parking, signage, and other bicycle and pedestrians facilities and planning studies.

Submitted projects will be ranked and prioritized by MPO members and assigned funding based on availability of funds. The Call for Projects ends Monday, January 11, 2010 at 5:00 p.m. and all submissions must be received by that date. Public participation drop-in meetings will be held at four YMCA branches throughout the county.

### Call for Projects - Public Meetings

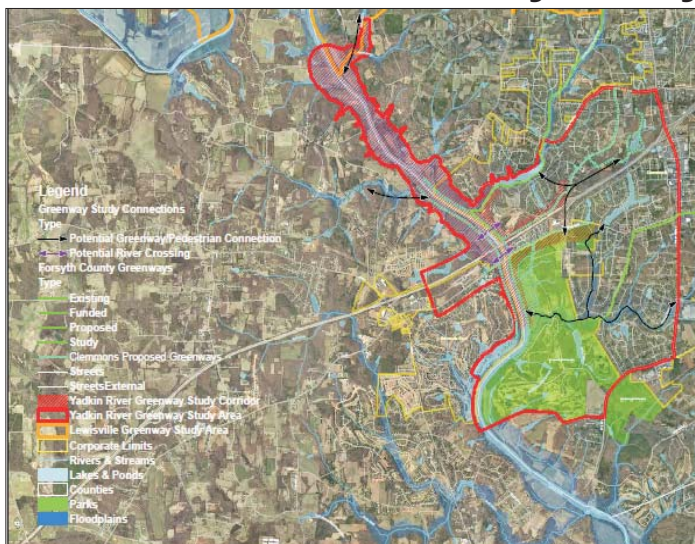
Location	Date and Time
<b>West Forsyth YMCA</b> 1150 S. Peace Haven Road Clemmons 27012	<b>Monday, November 30th.</b> <b>5:00 to 8:00 P.M.</b>
<b>Winston Lake YMCA</b> 901 Waterworks Road Winston-Salem 27107	<b>Monday, December 7th.</b> <b>5:00 to 8:00 P.M. 2009</b>
<b>Kernersville YMCA</b> 1113 West Mountain Street Kernersville 27284	<b>Wednesday, December 9th.</b> <b>5:00 to 8:00 P.M.</b>
<b>William G. White YMCA</b> 775 West End Boulevard Winston-Salem 27101	<b>Monday, December 14th.</b> <b>5:00 to 8:00 P.M. 2009</b>

## Bicycle Lane Striping

The City of Winston-Salem continues to install bike lanes on city streets in an attempt to create a network of bicycle facilities to encourage bicycle trips for work, school, shopping, and recreation.

The most recent additions to the bike lane network include Waughtown Street from Alder Street to Lomond Street and Broad Street from Salem Avenue to Acadia Avenue. In early 2010 bike lanes will be added to Northwest Boulevard from Hawthorne Road to Reynolda Road. Additional 2010 bike lane projects include Liberty Street and Main Street.

## Yadkin River Greenway Study



Yadkin River Greenway Feasibility Study Area and Study Corridor. The eighteen month joint study with Clemmons, Bermuda Run and Lewisville will begin December 2009.

## Cloverdale Avenue Study

A study of the pedestrian environment and major intersections on Cloverdale Avenue from Oakwood Drive to Hawthorne Avenue and on Miller Street from Five Points to Queen Street is almost finished. Final recommendations will be made in early 2010. The plan is available online at [dot.cityofws.org](http://dot.cityofws.org).



Proposed Improvements to Cloverdale Avenue at Miller Street.

# MPO ARRA Stimulus Projects

## American Recovery and Reinvestment Act of 2009 (ARRA)

### Pavement Rehabilitation

Interstate 40 from Harper Road to Jonestown Road

### Intersection Improvements and Resurfacing

Shattalon Dr widening from Murray Rd to Bright Oak Ave in Winston-Salem

Concord Church Rd Roundabout Reconstruction in Lewisville

Northwest Boulevard Resurfacing with Bike Lanes in Winston-Salem

Resurfacing on various Federal-aid routes

Davidson County

Davie/Davidson Counties

Stokes County

### Sidewalks

Morris St from New Walkertown Rd to Old Hollow Rd in Walkertown

East Friendly Rd from Main St. to Willoughby Dr. in Walkertown

New Walkertown Rd from Waterworks Rd to Spaulding Dr in Winston-Salem

Peters Creek Pkwy from north of I-40 to Brewer Rd in Winston-Salem

Oakhurst St from Cherry St to Lambeth Farm Ln in Kernersville

Broad & Park Sts from Paso to Wall and NC 66 to Church in Rural Hall

Middlebrook Dr from Greenbrook Dr to Idols Rd in Clemmons

### Project Cost

\$6,000,000

\$ 292,000

\$ 400,000

\$ 403,000

\$2,200,000

\$4,800,000

\$3,600,000

\$ 36,000

\$ 44,000

\$ 140,000

\$ 160,000

\$ 154,000

\$ 190,000

\$ 381,000

**Total ARRA Stimulus Funding \$18,800,000**

On May 21, 2009, the MPO amended the 2009-15 MTIP to include ARRA stimulus funded projects. The projects include a pavement rehabilitation of I-40, intersection improvements to Shattalon Drive and Concord Church Road, resurfacing of Northwest Boulevard and other MPO Federal-aid roads, sidewalk projects, and three bus shelter improvement projects.

Currently, all projects have received and opened bids. By December 31, all projects will need approval from NCDOT before awarding contracts.

# Planning and Roadway Update Strategic Planning Office of Transportation (SPOT)

NCDOT has established a new strategic planning process built on professional, transparent and strategic decision making. The process will use facts about traffic congestion, pavement condition, and road safety with input from MPOs and NCDOT staff to determine priorities. This data-driven approach will put projects for all transportation modes in priority order based on the department's goals and serve as the primary input source for the State Transportation Improvement Program (STIP). A separate prioritization process will be established for ranking urban loop projects.

## SPOT Process Timeframe

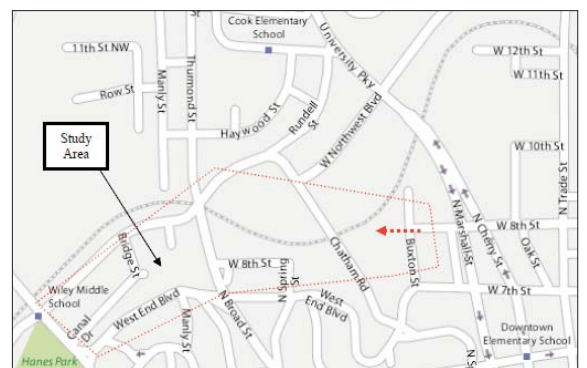
Work Tasks	Dates
MPOs Rank Top 25 Highway (I,R,U) projects	October 2009
Divisions Rank Top 25 Highway (I,R,U) projects	November 2009
SPOT ranks projects by Goal, Tier, and Mode	January 2010
NCDOT allocates resources and prioritizes projects by Long Range Plan and G.S.	February 2010
Constraints Applied	March 2010
Draft TIP	May 2010

## Martin Luther King, Jr. Drive Extension Feasibility Study

The Martin Luther King, Jr. Drive Extension Study recommends a new alignment for the road west from the intersection of Eighth Street at Cherry/Marshall Streets running generally parallel to the Norfolk Southern railroad to a signalized intersection at Broad Street connecting with a realigned Northwest Blvd. Improvements to Reynolda Road with a roundabout at West End Boulevard are included in the scope of the project. The MLK, Jr. Drive extension will be a two-lane median divided facility with bicycle accommodation and sidewalks and is designed to improve safety and provide an attractive residential boulevard. The draft document is at [dot.cityofws.org](http://dot.cityofws.org). The final document will include a no-build alternative.



Proposed Alternative A for Martin Luther King, Jr. Drive Extension.



Martin Luther King, Jr. Drive Extension Study Area.

**2010 MPO Meeting Dates**

January 21, 2010  
February 18, 2010  
March 18, 2010  
May 20, 2010  
July 15, 2010  
September 16, 2010  
November 18, 2010

TAC meets at 4:15 p.m. 5th Floor Meeting Room  
TCC meets at 2:00 p.m. 2nd Floor Conference Room  
Bryce A. Stuart Municipal Building, First and Church Streets, Winston-Salem

## MPO's New Bicycle and Pedestrian Coordinator



Matthew Burczyk, the new Bicycle and Pedestrian Coordinator, will guide the pedestrian and bicycle planning efforts for the MPO.

Matthew comes from Madison, Wisconsin where he worked for the University of Wisconsin with bicycle facility planning and for a private consulting firm on "Safe Routes to School" planning and projects. In his first few months, Matthew has already begun several exciting new programs including Cycling Sundays in downtown Winston-Salem.

## Cycling Sundays

Winston-Salem held its first Cycling Sundays event on October 18th. City staff partnered with local restaurants, businesses, bike shops, and numerous volunteers to create an afternoon of safe bicycling on the streets of downtown Winston-Salem. A one-mile stretch of roadway was closed to automobile traffic and opened strictly for bicyclists and pedestrians, where they could ride and walk in a safe environment. About 200 people of all ages and backgrounds attended the event on a cold and windy day to take advantage of the quiet streets. With the success of the event, additional Cycling Sundays dates are being planned for 2010, with the event likely to occur on a monthly basis.



Bicycle shops provided tune-ups on 4th Street.



A family enjoys a traffic free ride downtown.



## Contact Us



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