



GREENSBORO URBAN AREA Metropolitan Planning Organization

Metropolitan Transportation Improvement Program FY 2009 – FY 2015

Final Document

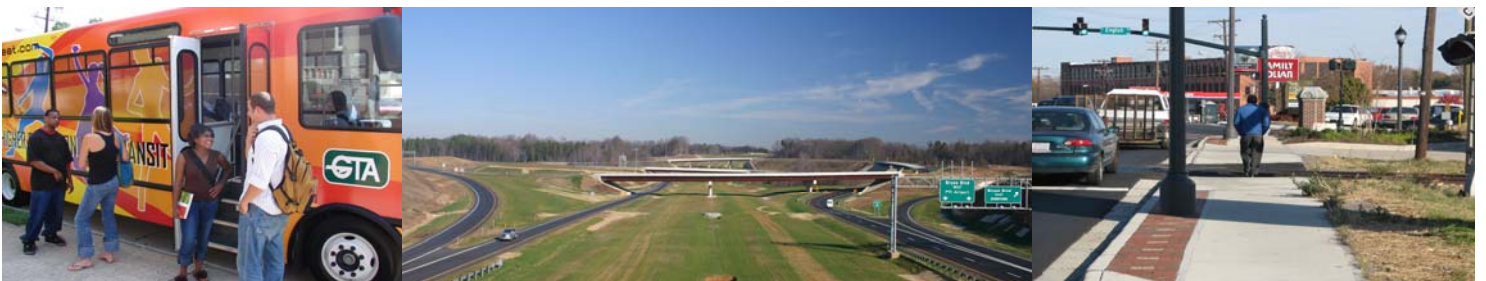
August 27, 2008

Resumen del MTIP 2009-2015
(Traducción al español)

LEAD PLANNING AGENCY:

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Executive Summary

The 2009-2015 Metropolitan Transportation Improvement Program (MTIP) is a detailed listing of federal and state funded transportation projects planned for the Greensboro Urban Area. The Greensboro Urban Area includes the City of Greensboro and much of Guilford County with the exception of the Burlington/ Gibsonville/ Whitsett area in the east and the High Point/ Jamestown area in the southwest.

All federal and state funded projects for the State of North Carolina, including projects shown in the Greensboro Urban Area's MTIP, are included in the Statewide Transportation Improvement Program (STIP). The STIP and MTIP are updated every two years. Updates to the STIP and MTIP may include project delays, project accelerations, addition of new projects, or deletion of old projects. The types of projects listed in the STIP and MTIP include highway, enhancement, public transportation, rail, bicycle and pedestrian, and the Governor's Highway Safety Program. The Metropolitan Planning Organization (MPO) in cooperation with the North Carolina Department of Transportation (NCDOT) develops the MTIP. The MPO and NCDOT must approve the final MTIP.

NCDOT released the Draft 2009-2015 STIP in October 2007 for public review and comments. The STIP was approved by NCDOT June 2008. The STIP can be viewed at the following NCDOT website: <http://www.ncdot.org/planning/development/TIP/TIP/Trans/division7.html>.

In addition, the MPO made the Final Draft 2009-2015 MTIP (Greensboro Urban Area projects) available for public review and comments February 2008 and July 2008. The MPO anticipates adoption in August 27, 2008. An electronic copy of the MTIP is available at www.guampo.org.

The State of North Carolina has experienced transportation funding shortfalls over the last 3 to 5 years. Factors contributing to the shortfalls have included revenue stagnation and decline and rising construction costs. Overall, the Greensboro Urban area MPO's projects fared relatively well given the State's funding shortfalls. The Major Project Summary tables on the next pages give an overview of the funding status and schedule for major projects. Several projects were delayed, including the Eastern Urban Loop from US 29 to US 70, High Point Road, and West Market Street.

Major Projects Summary

TIP ID	Project Descriptions and Changes	Funding Schedule
Delayed Projects		
I-4715	I-40/I-85 Business from High Point Road to I-85 - milling and resurfacing. <i>Delayed until completion of U-2524A.</i> Estimated project cost \$12,354,000.	GARVEE Bond
R-2611	^{PN} West Market Street from NC 68 to Bunker Hill Road in Colfax. Estimated project cost \$21,892,000 (up \$4,544,000). <i>ROW and CST delayed one year.</i>	ROW 09 CST 11-13
U-2412	^{PN} High Point Road estimated project cost \$97,728,000 (<i>down \$8,771,000</i>).	
	Section A from US 311 Bypass to Vickery Chapel Road. Right-of Way unchanged, <i>Construction delayed one year.</i>	ROW 09-10 CST 13-15
	Section B from Vickery Chapel to Hilltop Road. <i>Right-of Way unchanged, Construction delayed one year.</i>	ROW 09-10 CST 12-15
U-2524	Section AE Western Urban Loop Interchange at proposed High Point Road relocation. <i>Construction delayed one year.</i> Estimated project cost \$14,600,000.	ROW 09 CST 12
U-2525	Eastern Urban Loop Estimated project cost \$296,732,000 (<i>up \$18,132,000</i>).	
	Segment A from south of Clapp Farms to US 70.	Complete
	^{PN} Segment B from US 70 to US 29. <i>CST delayed from 2011.</i>	ROW 09-10 CST 13-PY
	^{PN} Segment C from US 29 to Lawndale Drive. <i>No schedule change.</i>	ROW PY CST PY
	^{PN} Segment D Interchange at proposed Cone Boulevard Extension	CST PY
On Schedule/No Schedule Change Projects		
U-2524	Western Urban Loop Estimated project cost \$612,423,000 (<i>up \$20,867,000</i>).	
	Section A from I-85 to I-40. <i>Construction on schedule.</i>	Complete
	Section B from I-40 to Bryan Boulevard. <i>Construction on schedule.</i>	Complete
	^{PN} Section C & D from Bryan Boulevard to Lawndale Drive.	ROW PY CST PY
	^{PN} Section E ITS Installation.	Under construction
	^{PN} Section F Interchange at proposed Lewiston-Fleming Road Extension	CST PY
U-4711	^{PN} Greensboro Signal / ITS System Replacement Estimated project cost \$25,550,000 (<i>up \$2,000,000</i>).	CST 09
U-4750	^{PN} Hornaday Road Bridge Extension of Hornaday Road, excludes roadway construction. Estimated project cost \$6,700,000.	CST 09
U-4006	^{PN} Bridford Parkway Extension from Hornaday Road to Burnt Poplar Road. Estimated project cost \$17,965,000 (<i>up \$1,025,000</i>).	ROW Complete CST 09-11
R-2413	^{PN} US 220/NC 68 Connector Estimated project cost \$190,788,000 (<i>up \$10,617,000</i>).	
	Segment A new alignment from Edgefield Road to Brookbank Road.	ROW 10-11 CST 13-PY
	Segment B new alignment from Brookbank Road to US 220 Haw River.	ROW 10-11 CST 13-PY
	Segment C widening from Haw River to NC 68-US 220 intersection.	CST 10-13
U-4015	Gallimore Dairy Road Widening from NC 68 to Market Street. Estimated project cost \$12,093,000 (<i>up \$2,238,000</i>).	
	Section A from NC 68 to I-40.	ROW PY CST PY
	Section B From I-40 to West Market Street. \$2,347,000 pay back to City in 2008.	CST Complete / Payback 08
I-4924	I-73/I-74 Connector from Winston-Salem Beltway north of Kernersville to NC 68. <i>For Planning and Environmental Study only.</i>	

Major Projects Summary

TIP ID	Project Descriptions and Changes	Funding Schedule
On Schedule/No Schedule Change Projects cont'd		
U-2581B R-2910	^{PN} US 70 from Mt. Hope Church Road to Rock Creek Dairy Road and Rock Creek Dairy Road to Burlington. Programmed for Planning and Environmental Study only. Estimated project cost \$30,358,000.	ROW PY CSY PY
U-3617	East Mountain Street/West Market Street from NC 66 in Kernersville to Crosscreek Road in Colfax. Widen to Multi-lanes. Estimated project cost \$19,900,000.	ROW PY CST PY
U-5003	^{PN} Pegg-Thatcher Widening & Grade Separation at I-40 from W. Market St. to Gallimore Dairy Road. Estimated project cost \$25,600,000.	ROW PY CST PY
R-2612	US 421 construct interchanges at Woody Mill Road and Neelley Road. Estimated project cost \$35,706,000 (up \$14,855,000).	ROW 09 / 12 CST 10-11 / 14-15
R-2309AB	^{PN} US 220 Widening from Horse Pen Creek Road to US 220/NC 68 Connector. Estimated Project Cost \$54,594,000 (up \$4,025,000).	ROW 08 CST 10-12
EB-4709A	^{PN} Battleground Rail Trail from Pisgah Church Road to Markland Drive. Estimated project cost \$3,586,000.	CST 08-09
EB-4709B	^{PN} Battleground Rail Trail from Markland Drive to Lee Street. Estimated project cost \$5,313,000.	CST 09-11
R-4707	^{PN} US 29 / Reedy Fork Parkway Interchange Estimated project cost \$20,450,000.	ROW PY CST PY
R-0952B	BUS I-40/US 421 from west of US 158 in Forsyth County to west of Sandy Ridge in Guilford County. Pavement and Bridge rehabilitation. Estimated Project cost \$54,381,000.	ROW PY CST PY
R-2577	US 158 Widening from north of I-40/US 412 Business in Winston-Salem to US 220. Estimated Project cost \$105,891,000	ROW PY CST PY
R-2580A	US 158 Widening from US 220 to US 29 Business (Freeway Drive). Estimated project cost \$80,200,000.	ROW PY CST PY
Under Construction and Completed Projects		
I-4907	I-40/I-85 from rock Creek Dairy road to Mt. Hope Church road - milling and resurfacing.	Complete
U-2913A/B	Guilford College Road from High Point Road to Ruffin Road	Complete
U-3612	Hilltop Road from Guilford College Road to Adams farm Parkway	Complete
U-3313	Groometown Road Vandalia/Wayne Road to Grandover Parkway	Under construction
U-2815C	Bryan Boulevard Relocation at PTIA. Construction on schedule. Total project cost \$51,210,000.	Under construction
Added Unfunded Projects		
I-4921	Future I-73 from Asheboro to I-85, upgrade to Interstate Standards. Estimated project cost \$65,600,000	ROW PY CST PY
I-5110	I-73 Connector from NC 68 to Western Urban Loop. Estimated project cost \$121,500,000. Programmed for Planning and Environmental Study.	ROW PY CST PY
Feasibility Studies		
FS 0507A	I-73 route determination in Greensboro area. Study complete.	
FS-0609A	I-40 Improvements from US 311 to US 421/I-40 Business. Scheduled for Feasibility Study.	
FS-0707A	Sandy Ridge Road Extension from West Market Street to NC 68. Programmed for Feasibility Study.	

09 = Federal Fiscal Year 2009, etc. ROW = Right-of-Way CST = Construction PY = Post Year funding, 2016 or later ^{PN} = MPO Priority Needs Project

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Introduction

The Metropolitan Transportation Improvement Program (MTIP) is a detailed listing of federally and state funded transportation projects planned for the Greensboro Urban Area. The MTIP includes detailed information for surface transportation projects such as the schedules, funding sources, and funding amounts.

Key MTIP facts:

- 🔑 The Greensboro Urban Area Metropolitan Planning Organization (MPO) works with the North Carolina Department of transportation (NCDOT) and the Greensboro Transit Authority (GTA) to develop the MTIP on a bi-annual basis.

Note on State Transportation Improvement Program (STIP) process: The North Carolina Board of Transportation (BOT) approved a resolution on July 8, 2004 moving the Transportation Improvement Program to be effective in odd-numbered years. The STIP is being approved in 2008 because Fiscal Year (FY) 2009 starts October 2008.

- 🔑 The MTIP covers a seven-year period and includes: highways, public transportation, rail, bicycle and pedestrian facilities, and transportation enhancements. A small amount of state-funded aviation investments are also listed.
- 🔑 The MTIP covers the City of Greensboro and much of Guilford County with the exception of the Burlington/ Gibsonville/ Whitsett area in the east and the High Point/ Jamestown area in the southwest
- 🔑 This document is the final version of the MTIP for fiscal years 2009 – 2015.

This document is intended to inform the public about the transportation project schedule and the MTIP development process and to provide the opportunity for interested citizens to submit comments. Public comments are encouraged and (1) have been considered by the MPO in further developing the MTIP; and (2) have been shared with the NCDOT and GTA. The MPO accepted comments on the draft documents between February 12, 2008 and June 30, 2008 and July 17, 2008 and August 15, 2008.

This document has been revised to include changes in projects and schedules and additional informational materials, as well as to incorporate public comments received and MPO responses. For additional information, call the Greensboro Department of Transportation at (336) 373-4368.

The MTIP FY 2009 – 2015 development process includes the following steps:

- **MPO Priority List:** On July 25, 2007, the TAC adopted a list of official MTIP priorities based on recommendations from the Technical Coordinating Committee (TCC). The TCC met on June 27, 2007 to review area transportation needs and policies.
- **MPO Priority Session:** On November 27, 2007, Transportation Advisory Committee (TAC) officials and MPO staff met with NCDOT representatives to discuss state transportation funding issues, the status of major projects in the MPO area, and MPO priorities and requests for program changes.
- **Draft MTIP:** The Final Draft MTIP Document was available for review and comment starting July 17, 2008 at the offices of Guilford County Commissioners, Greensboro City Clerk, Greensboro DOT, NCDOT Division 7; the NCA&TSU Library, the UNC-G Library, Greensboro Libraries including Central, Glenwood, Hemphill, McGirt-Horton, and Vance H. Chavis; the Greensboro Recreation Centers including Peeler, Warnersville, Glenwood, and Craft; the Town Clerk Offices of Pleasant Garden, Oak Ridge, Sedalia,

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Stokesdale, and Summerfield. These locations were selected based on requirements from the MPO Public Participation Plan adopted by the TAC on January 24, 2007. The MTIP is also available at the MPO website: (<http://www.quampo.org>) or by calling the Greensboro DOT at (336) 373-4368. Written comments on the MTIP were requested by August 15, 2008.

- **NCDOT Division 7 Public Meeting:** Held on February 20, 2008 in Chapel Hill, North Carolina at the Southern Human Service Campus, Robert and Pearl Seymour Center, 2551 Homestead Road, 2-4pm. The meeting is designed to provide information about and seek comments on the 2009-2015 Draft State TIP relative to Highway Division 7.
- **Greensboro Urban Area MPO Public Meeting(s):** A meeting was held on February 12, 2008 at the Melvin Municipal Office Building from 4-7pm.
- **Revised Draft MTIP:** This document reflects the expected program of projects, and incorporates initial public comments received and MPO responses, following the closure of the public comment period.
- **MTIP Adoption:** The MTIP process is occurring in parallel with the update to the 2035 Long Range Transportation Plan (LRTP). The LRTP is a 30 year multi-modal systems planning document. The update to the LRTP will include new regionally significant projects and the shifting of regionally significant projects across horizon years. Therefore, a new Conformity Determination is required. The Conformity Determination certifies that the MPO and the NCDOT have satisfied all air quality conformity requirements under federal law. The finding is based on a valid analysis demonstrating that the area will be able to conform to the highway vehicle "emissions budget" for key contributors to ground level smog, including Ozone, Nitrogen Oxides, and Volatile Organic Compounds. Currently the 2035 LRTP is not satisfying air quality standards for 1 hour ozone. However, efforts are being made to meet the air quality standards and it is anticipated the 2035 LRTP will be adopted before or by April 2009. The 2009-2015 MTIP must be approved before October 1, 2008 or projects will not be able to advance to new phases. Therefore the 2009-2015 MTIP will be adopted on August 27, 2008 based on the existing 2030 LRTP conformity.
- **State TIP adoption:** The State Board of Transportation adopted the State TIP FY 2009 – 2015 in June 2008. This official statewide project schedule will incorporate the Greensboro MTIP, as well as those of the 16 other MPOs in the state.
- **Effective Date of the MTIP FY 2009 – 2015:** The MTIP FY 2009 – 2015 will go into effect by October 1, 2008, the first day of federal fiscal year 2009.

Note on Air Quality Conformity: As a maintenance area for ground level ozone (1 hour) and non-attainment for PM 2.5, the Greensboro Urban Area is engaged in an ongoing cycle of documenting conformity to applicable air quality regulations and the Clean Air Act Amendments of 1990. The MTIP FY 2009– 2015 and the 2030 Long Range Transportation Plan Update comply with applicable conformity criteria specified in 40 CFR Part 93. This conformity will be documented in *Conformity Determination Report and Conformity Determination for the Greensboro Urban Area 2030 Long Range Transportation Plan*. The Conformity Determination Report for the MTIP FY 2009- 2015 will be released as a separate document with the final draft of the MTIP in July. This document demonstrates compliance with each applicable requirement including the following listed at §93.109:

- latest planning assumptions;
- latest emissions model;
- consultation;
- consistency with applicable emissions budgets.

Introduction

INSTRUCTIONS FOR MAKING COMMENTS ON THE DRAFT MTIP FY 2009 – 2015

Written comments on the Draft MTIP were requested by Friday, August 15, 2008 to:

*Mail: Attention "MTIP"
Greensboro Department of Transportation
P.O. Box 3136
Greensboro, NC 27402-3136*

Fax: (336) 412-6171

e-mail: (quampo@greensboro-nc.gov).

For additional information, please call GDOT at: (336) 373-4368 or visit the MPO's website at:
(<http://www.quampo.org>)

About the MPO

The **Greensboro Urban Area Metropolitan Planning Organization** is the officially designated body responsible for administering the transportation planning process required under Federal Law. The MPO plans for area surface transportation needs including highways, transit, bicycle, and pedestrian facilities.

Priority **goals** of the MPO include:

- Promote the safe and efficient management, operation, and development of transportation systems;
- Serve the mobility needs of people and freight;
- Foster economic growth and development; and
- Minimize the negative effects of transportation on the human and natural environment.

The Greensboro metropolitan **planning area** includes most of Guilford County. The MPO serves the City of Greensboro, much of unincorporated Guilford County, and the Towns of Oak Ridge, Pleasant Garden, Sedalia, Stokesdale, and Summerfield. Gibsonville and Whitsett are served by the Burlington-Graham MPO, while High Point and Jamestown are served by the High Point Urban Area MPO.

The Greensboro Department of Transportation (GDOT) is the **Lead Planning Agency** of the MPO, while the City of Greensboro, Guilford County, and the North Carolina Department of Transportation are member agencies. The **Transportation Advisory Committee** is the MPO's Policy Board and is currently comprised of the following officials:

- Robbie Perkins, Council Member, Greensboro City Council, TAC Chair
- J. Douglas Galyon, Chair, NC Board of Transportation
- Yvonne J. Johnson, Mayor, City of Greensboro
- T. Dianne Bellamy-Small, Council Member, Greensboro City Council
- Kirk Perkins, Commissioner, Board of County Commissioners
- Mike Winstead, Commissioner, Board of County Commissioners
- *Alternate Member.* Sandra Anderson Groat, Council Member, Greensboro City Council
- *Ex Officio Member.* NC Division Administrator of the Federal Highway Administration

The **Technical Coordinating Committee** serves the TAC in an advisory capacity and consists of staff from the City of Greensboro DOT, NCDOT Division 7, Greensboro Transit Authority, NCDOT Transportation Planning Branch, City of Greensboro Planning Department, Guilford County Planning & Development Department, Piedmont Triad Council of Governments (PTCOG), NCDOT Public Transit Division, Piedmont Triad International Airport, and the Piedmont Authority for Regional Transportation (PART).

The **Piedmont Authority for Regional Transportation (PART)** is a regional partnership among four MPOs and local governments within Alamance, Davie, Davidson, Forsyth, Guilford, Randolph, Rockingham, Stokes, Surry, and Yadkin counties. PART's work program has two key emphasis areas at the present time: to plan for and operate a regional public transportation system; and to serve as a forum for cooperative regional transportation planning. Through PART, the MPO engages in an ongoing process of regional consultation and collaboration on issues of MPO and Triad-wide significance.

Transportation Management Area Status

Based on the results of the 2000 population estimates by the U.S. Census Bureau, the Greensboro Urbanized Area has an approximate 2008 population estimate of 356,373 and accordingly, was designated by the Federal Highway Administration as a Transportation Management Area (TMA) in 2000. The Greensboro MPO's status as a TMA brings additional responsibilities and authority to its transportation planning and programming processes. Additional responsibilities include: establishment of a Congestion

About the MPO

Management Process; quadrennial federal certification of the MPO's planning process; review, and if necessary, modification of TAC composition to include operators of major public modes of transportation; and federal rather than state approval of annual Unified Planning Work Program (UPWP). The MPO successfully completed its first federal certification in January 2005. Greensboro's additional authorities include: the ability to direct Urbanized Area Formula Program (5307) funds through Direct Apportionment from the Federal Transit Authority; the ability to direct Surface Transportation Program Direct Apportionment funds (see the section entitled *Surface Transportation Program Direct Apportionment Funds* for more information); and additional project selection weight in development of the Statewide Transportation Improvement Program.

Transportation Funding Profile

Transportation Funding Issues

As noted in the introduction, the Metropolitan Transportation Improvement Program (MTIP) is a detailed listing of federally and state funded surface transportation projects planned for the Greensboro Urban Area. National and state transportation finance trends and issues therefore are highly relevant to project schedules and implementation. Finance issues at the state and federal level have both impacted the draft MTIP FY 09-15. These are addressed in brief below.

At the federal level, the most significant impact has been the approval of the Transportation Reauthorization Bill, known as the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The bill was signed into law on August 10, 2005 and authorized the Federal surface transportation programs for highways, highway safety, and transit for a 5-year period (2005-2009). The legislation authorized \$286.4 billion in spending for highways, rail, and transit. \$45.313 billion in spending for mass transit was included.

Overall, SAFETEA-LU promised a 38% increase in funding over TEA-21. In terms of real dollars, this represents at best maintaining rather than growing transportation funding levels beyond TEA-21 levels. In addition, the federal Highway Trust Fund is experiencing revenue shortfalls as a result of the tax fuel serving as the main source of funding. This shortfall could result in reduced federal aid in the future. However, the bill does place more emphasis on safety with increased funding for improvements to hazardous highway locations.

SAFETEA-LU included a provision for increasing the minimum state rate of return for North Carolina, known as the Equity Bonus Program. The State of North Carolina previously was receiving a rate of return of 90 cents for every dollar contributed to the federal gas taxes. North Carolina is known as a donor state since it sends more tax revenue to the federal Highway Trust Fund than it ultimately receives back. SAFETEA-LU would have increased the rate of return to 92 cents by federal fiscal year of 2008. However, North Carolina has seen a decrease in the minimum rate of return due to Washington's general funding problems, which have led to a reduced rate of 86 cents.

North Carolina's transportation finance picture has also been affected by a decrease in state revenues. In recent years, North Carolina has experienced significant funding shortfalls. Factors contributing to the shortfall include decreases in state gas tax revenues, decreases in highway use tax revenues, and a 45% increase in construction costs over the last three years. Overall, the Greensboro Urban area MPO's projects did relatively well in the latest version of the State TIP despite the State's funding shortfalls. Please refer to the Major Project Summary Tables for an overview of schedule and funding changes to major projects.

Despite these finance issues, the Draft MTIP FY 2009-2015 includes substantial investment in the MPO area transportation system. Total funding over the period is \$649,000,000, approximately a \$2,600,000 decrease from the 2007-2013 MTIP, according to MPO analysis. The reduction in funding is very likely the result of projects being completed. This equates to an average annual investment level of \$92,714,000 over a seven-year period. MPO staff analyzed the Draft MTIP by mode, funding source, and funded transit projects.

Transportation Funding Profile

The MPO will continue to work with NCDOT and the transit operators in an effort to advance the transportation improvement program. This includes efforts to fund MPO priority needs that are currently unfunded.

Highways

Figure 1 represents the total investment included in the Draft MTIP FY 2009-2015 for all funded projects by major program. Highway improvements constitute the highest percentage at an approximate combined total of 68%. Transit, at 11%, primarily consists of GTA and PART projects. Enhancements (bicycle and pedestrian), CMAQ, and Safety Improvements represent only 8%. However, it is important to note the MPO requests pedestrian and bicycle accommodations on all highway projects where feasible. The accommodations may include sidewalks and / or bicycle lanes or extra shoulder width. Also, a majority of bicycle and pedestrian projects are being constructed locally and are not included in this analysis. Additional information on the local projects can be found at the following website: <http://www.greensboro-nc.gov/departments/GDOT/divisions/planning/bicycleandpedestrian/bicycles/>

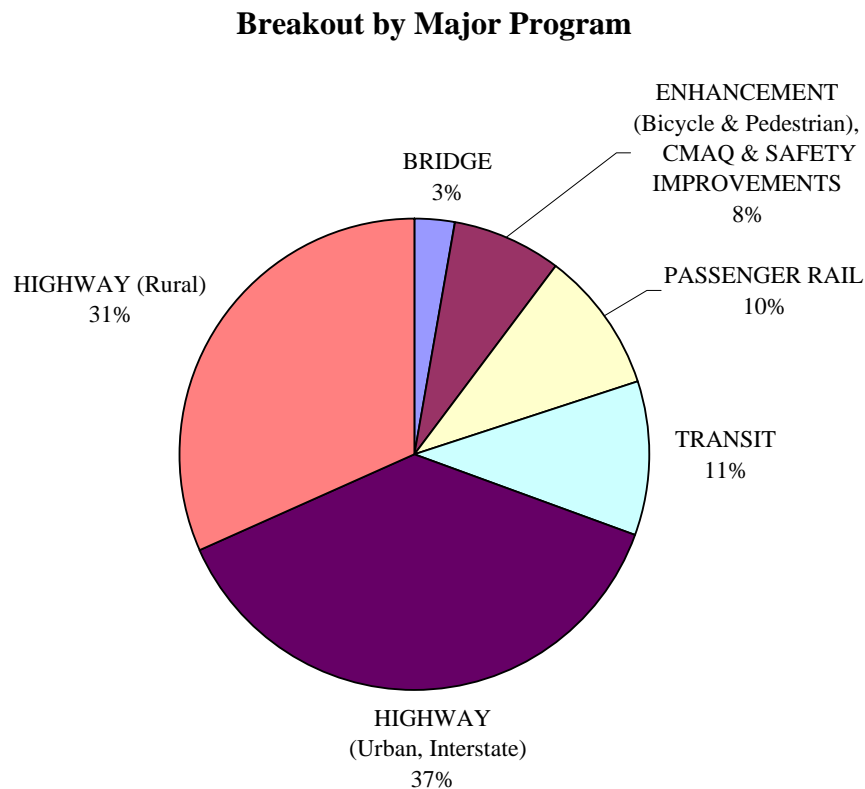


Figure 1

Transportation Funding Profile

Figure 2 depicts the balance of Federal and State highway funding sources. A total investment of \$580,602,000 is indicated over the 2009 to 2015 period, by source. The analysis did not include transit projects or post year (unfunded) highway projects. The largest percentage of funds came from the Highway Trust Fund. Projects funded by this source included the US 220/ NC 68 Connector and the Urban Loop. The next highest funding source was the Surface Transportation Program, which also includes STP-DA funds. Although the local funds represent the smallest percentage, the dollar amount is closed to \$4,000,000.

Highway- Breakout by Funding Source

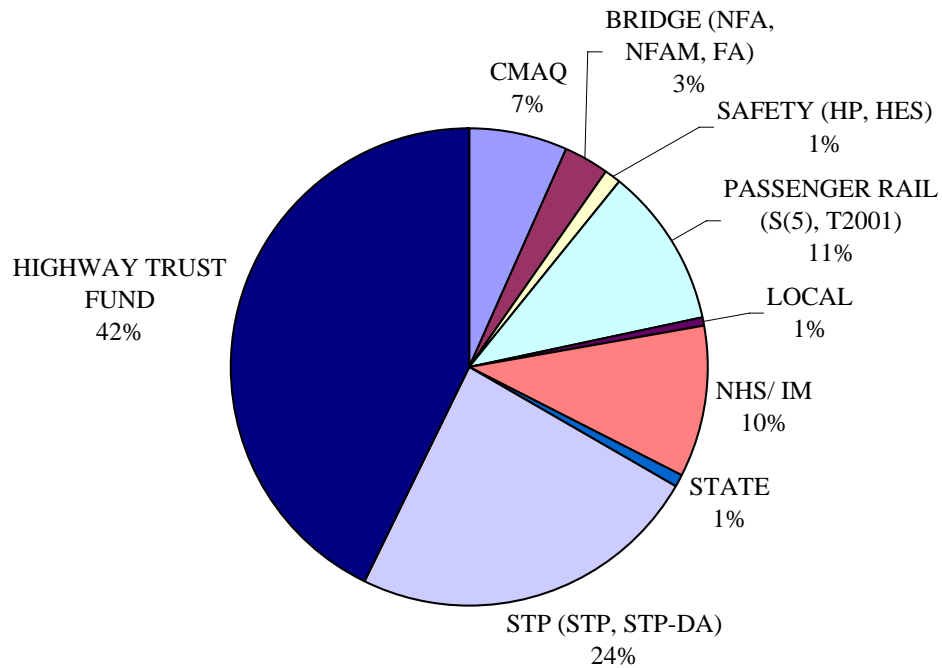


Figure 2

Transportation Funding Profile

Transit

The Public Transportation Element contains two sub-categories: Funded Projects and Unfunded Projects. The Unfunded Projects List identifies the public transportation priority projects for which funds are not yet available. The Unfunded Projects List is useful in seeking discretionary congressional transit appropriations. These appropriations are sometimes made directly to the transit operator (the City of Greensboro or PART), or to the state annual earmark, which is disbursed by NCDOT to transit systems across the state. Discretionary 5309 Bus Funds are typically used for this purpose although earmarks in other forms are sometimes provided.

The Funded and Unfunded Projects Needs Lists were carefully reviewed by MPO and GTA staffs during the 2007-2013 MTIP cycle. The review considered in more detail GTA needs in the context of current and future service expansion and improvement plans, and to consider more fully PART's current work program and anticipated investment needs. Several funded projects were shifted to the unfunded project list, which would make these projects eligible for discretionary congressional transit appropriations. These transit funds are outside the equity formula and would not decrease funding available for other projects. Receiving these additional funds would greatly assist GTA in the continued expansion of transit services.

Figure 3 represents a total investment of \$68,687,000 for the funded transit projects in the Greensboro Urban Area according to MPO staff analysis. As expected, GTA has the highest percentage of funded projects, with most of the funding used to replace or expand the bus fleet. Guilford County has the smallest percentage; its funding is used to provide operation assistance for County services. Several of the transit projects remain unfunded, with PART projects at a total of \$ 332,150,000 and GTA's at a total of \$76,894,000. PART's unfunded projects include estimated needs for a regional rail system between Winston-Salem and Greensboro. GTA's most significant future need is a new bus operations and administrative facility, which received partial funding in FY 2008 through an earmark.

Transit- Breakout by Project Type

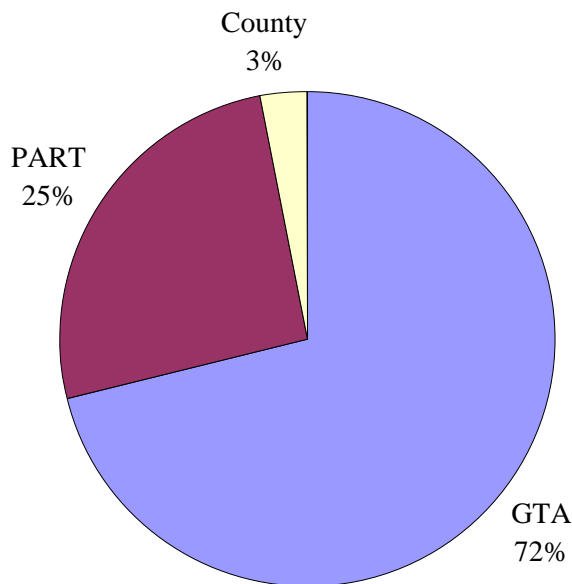


Figure 3

About the MPO

Figure 4 represents the funded transit projects by funding source. The figure represents the same total investment as Figure 3. The Urbanized Area and Congestion Mitigation for Air Quality (CMAQ) funding sources provide funding for GTA projects, while the Local, State, and Bus Earmarks support funding for GTA, PART, and County projects. The funding sources included in the OTHER category solely support operations for county services.

Transit- Breakout by Funding Source

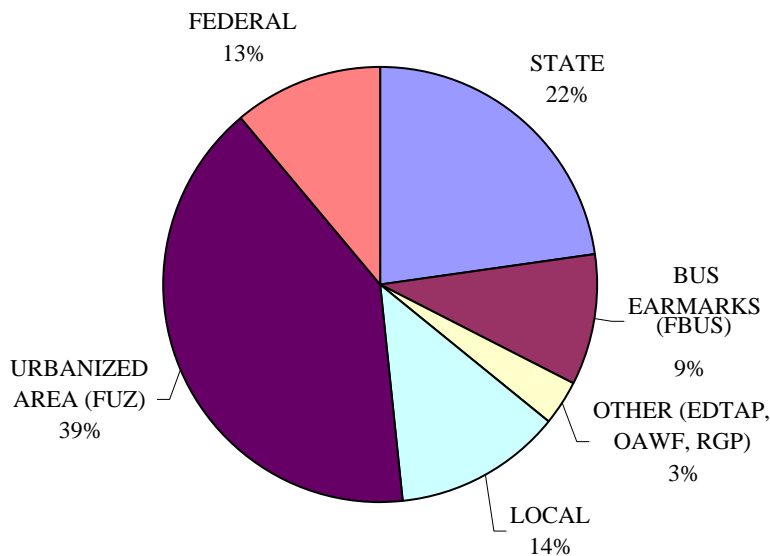


Figure 4

Surface Transportation Program Direct Apportionment Funds

As a Transportation Management Area, the Greensboro Urban Area MPO has the authority to direct funds from its Surface Transportation Program Direct Apportionment (STP-DA) to TIP projects. The TAC communicated its intent to do so to NCDOT by resolution on June 19, 2001. As a subset of the STP program, the STP-DA apportionment was not necessarily "new" money to the area. Additional STP-DA funds were allocated in the amount of \$3.3 million as the result of the new federal Surface Transportation Reauthorization (SAFETEA-LU). However, only funding beyond FFY 2006 through 2012 were considered new money.

Transportation Funding Profile

MPO staff has worked with the Program Development Branch of NCDOT and other TMAs in developing the state's proposed policy and guidelines for MPO direction of STP-DA funds. These guidelines largely address administrative topics such as project management procedures, incidental projects (modifications to otherwise programmed NCDOT TIP projects), and minimum cost thresholds for STP-DA funded projects. On February 26, 2003, the TAC adopted a resolution stating that the MPO would begin directing its STP-DA obligation authority during the State TIP FY 2006-2012 development cycle, starting with fiscal year 2005. Current projects with STP-DA funds include the following:

- Battleground Rail Trail (EB-4709 – Construction of trail from Pisgah Church Road to Markland Drive)
- Greensboro Bicycle and Pedestrian (EL-5101 – Construction of sidewalk and bicycle facilities.)
- US 70 (U-2581, R-2910- Penry Road to Westbrook Avenue) *Programmed for Environmental Document only.*
- Market Street widening (R-2611 – Widening from Bunker Hill Road to NC 68.)
- Greensboro Signal System (U-4711- Upgrade and expand the system)
- GTA Preventive Maintenance (2006)

Greensboro's FY 2009 apportionment is estimated at approximately \$5.3 million annually from 2009 to 2015, but the actual amounts over the timeframe will be determined by ongoing federal legislation and appropriations. The obligation ceiling, the percent of this total which can be directed to projects, will also have an impact on the final amount.

Congestion Mitigation for Air Quality (CMAQ)

The purpose of CMAQ is to fund transportation projects and programs in non-attainment and maintenance areas to improve air quality. CMAQ funds, which are distributed separately from the Equity formula, are apportioned to States based on population and severity of air quality problems. The equity formula, determined by North Carolina legislation, is the method for distributing State and Federal-aid funds across the state. The total amount of CMAQ funds included in the MTIP FY 2009-2015 is approximately \$39,506,000.

NCDOT suballocated CMAQ funds to the MPOs and made a call for projects in 2005. The MPO proposed two projects in response. The projects included the Higher Education Access Transit (HEAT) and the Regional Air Quality Outreach and Public Awareness Program. The HEAT service, developed by GTA, serves the six local institutions of higher learning with transit service geared towards the needs of the student population. The CMAQ funds will subsidize the service for the first three years for capital and operational costs.

The service began on August 8, 2006 and offers express routes between schools and select stops along five routes and also includes access to the entire Greensboro Transit Authority system. The HEAT service includes eastbound, westbound, and downtown circulation routes, shuttle service between UNCG and student housing, and a GTCC-Jamestown route. In addition, an evening and weekend service is provided on the eastbound and westbound routes. Students simply use the service by swiping their school I.D. card when boarding. All indications at this time show the service is having great success. Over 360,000 college students used the HEAT service the first year. The total amount of CMAQ funds included for the HEAT service is \$926,000 (State TIP Project TO-4952). This amount reflects the balance of funds from the first three years for capital and operational costs.

Transportation Funding Profile

A portion of the funding to upgrade and expand the City of Greensboro's signal system is allocated from CMAQ funds. The total amount of CMAQ funds allocated was \$4,400,000 (State TIP Project U-4711).

CMAQ funds are also assigned to support the conversion of at-grade intersections on US 421 to interchanges at NC 22 and Woody Mill Road. Construction of the new system is expected to begin in fiscal year 2010 and includes CMAQ funds in the amount of \$33,670,000 (State TIP Project R-2612).

Significant Changes to the MTIP

This section of the MTIP summarizes major changes since the release of the Draft. The Draft 2009-2015 STIP was released by NCDOT on November 2007 and the MPO released an initial Draft 2009-2015 MTIP on February 12, 2008 and a final draft on July 17, 2008 for public review and comment. Since this time several changes have been made to the highway and public transportation projects.

The following projects had changes in funding amounts and /or project description:

Highway Projects:

- US 421 (R-2612- Interchange conversions) *Mitigation delayed from FY 08 to 09 and cost increase \$689 thousand.*
- US 220 / NC 68 (R-2413- Multi-lane Connector) *Cost increase \$1.9 million.*
- Hornaday Road (U-4750- Extension and Grade Separation) *Delayed from FY 08 to 09.*
- High Point Road (U-2412- Hilltop to Proposed 311 Bypass) *Cost decrease of \$9.5 million.*

Bridge Projects:

- US 29 / US 70 / US 220 (B-5119- Bridge Replacement) *Added to MTIP*
- Little Alamance Creek (B-4961- Bridge Replacement) *ROW delayed from FY 12 to 14 and construction from FY 13 to 15. Cost decrease from \$300 thousand.*
- South buffalo Creek (B-4759- Bridge Replacement) *Delayed to Post Year*
- Buffalo Creek (B-4757- Bridge Replacement) *Cost increase \$3.1 million.*
- Reedy Fork Creek (B-4756- Bridge Replacement) *Cost increase \$25 thousand.*

Transit Projects:

- GTA (TC-4705- Job Access / Reverse Commute) *New project.*
- GTA (TN-4706 – New Freedom) *New project.*
- PART (TE-4710- Earmark for Corridor Study Station Area and Land use Development Planning) *New project.*
- GTA (TG-4759- Preventive Maintenance) *Cost decrease \$129 thousand.*
- GTA (TP-4712- Transit Planning Assistance) *Cost increase \$124 thousand.*
- GTA (TT-4913- Technology Improvements) *Status from unfunded to funded.*
- GTA (TA-4974 – Purchase Hybrid Bus) *Project description change.*
- GTA (TA-4767A- Replacement Small Buses) *Status from funded to unfunded.*
- GTA (TA-4768A- Expansion Buses) *Removed*

How to Read the MTIP

Major Project Map

The attached map (page 17) depicts the location of major TIP projects. The map key indicates the type of project and funding program. Each project is labeled with its unique identification code. Use this code when referring to the Major Project Summary (page 18) or TIP Tables (page 21).

Major Project Summary

The Major Project Summary provides project descriptions and schedules along with any changes in scheduling or implementation progress for each project. It is intended as an informational supplement to the MTIP tables in a more readable format.

Funding Elements

The MTIP funding elements are arranged into two categories: the Highway Element and the Public Transportation Element. The Highway Element includes two sub-categories: MPO Area Projects and Statewide Projects. The list of Statewide projects includes many projects that are significant within the MPO's planning area, in addition to those that are not. The entire list is included to ensure that any project pertaining to our area is approved so it can move forward to implementation. The Public Transportation Element also contains two sub-categories: Funded Projects and Unfunded Projects. The Unfunded projects list identifies the public transportation projects for which funds are not yet available, but which are GTA's and PART's priorities for future funding. This listing typically seeks federal appropriations from 5309 or other discretionary sources.

Highway Element Notes

- Each project has its own identification code. The initial letter(s) indicates the funding source, while the digits that follow uniquely identify the project.
- Specific projects are listed by funding program. The interstate, rural, bridge, rail/highway grade-crossing and highway safety projects are listed in order of route number, while the urban program projects are listed alphabetically by city.
- Projects in the Intrastate or Urban Loop System are listed under the appropriate funding program, but are identified with an asterisk (*) following the project ID number.
- The fiscal years scheduled for planning and design are shown as FY. The type or phase of work is shown for each interstate, rural, and urban project. Right-of-way and construction phases of each project are shown as FFY (Federal) or SFY (State). The F or S designation is dependent upon the type of funding to be used for that particular phase of work. The cost of right-of-way and construction, and the anticipated funding sources are also listed.
- Highway projects frequently extend across MPO area boundaries in the Triad. When such situations occur, both MPO areas are listed for the project.
- The Secondary Roads Program (county construction) is not included in the MTIP. That program is developed annually by NCDOT and the Guilford County Board of Commissioners. The Small Urban Program, which is developed annually by NCDOT and municipal officials, is likewise excluded from the MTIP.
- The descriptions and maps for most projects are preliminary and subject to change. All major projects require extensive planning, environmental impact review, and design studies. The location and exact type of improvements are subject to refinement and modification during the project planning and design phases.

How to Read the MTIP

Transit Element Notes

- The Federal Highway Funds allocated to the transit projects are typically transferred to the Federal Transit Administration (FTA) accounts. These may be listed as Urbanized Area Formula Program (FUZ) and are also known as 5307 funds.

Highway Funding Categories

- The highway construction budget consists of the Federal Aid Highway Construction Program, the Intrastate and Urban Loop Programs from the North Carolina Highway Trust Fund, and the proceeds from the sale of state highway bonds.
- The Federal Aid Highway Construction Program consists of many funding categories. Funding in most of these categories is subject to overall federal budget constraints.
- When federal aid funds are used on a project eligible for Highway Trust Fund money, the Highway Trust Fund law allows an equal amount of funds to be transferred from the Highway Trust Fund to the State Highway Fund. The State Highway Fund may be used to cover state match requirements and to fund state construction projects.
- Highway funds are identified by the following programs:

KEY TO HIGHWAY AND AVIATION FUNDING SOURCES

APD	Appalachian Development	NFAM	Municipal Bridge Replacement Program
BI	Bond Intrastate	NHS	National Highway System
BL	Bond Loop	O	Other
BRGI	Bridge Inspection	PLF	Personalized Automobile License Plate Fund
C, L	City or Local	POC	Purchase Order Contract
CMAQ	Congestion Mitigation Air Quality	RR	Rail/Highway Safety
DP	Discretionary or Demonstration	S	State Construction
FA	Bridge Replacement on Federal-Aid System	SBG	Scenic Byway Grant
FLP	Federal Lands Program	SF	Ferries
HES	High Hazard Safety	SG	Safety Grant
HP	Federal-Aid High Priority	STP	Surface Transportation Program
I	Interstate	STPE	Surface Trans. Program, Enhancement
IM	Interstate Maintenance	T	Highway Trust Fund
NFA	Bridge Replacement Off-Federal-Aid System	STPDA	Surface Trans. Program-Direct Allocation







MTIP Major Projects Map

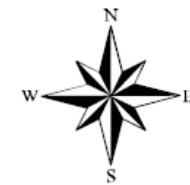
The following map illustrates the locations of the major MTIP projects as listed in the Major Projects Summary table. Projects which do not pertain to a specific site or facility are not indicated on the map.

MAJOR TIP PROJECTS GREENSBORO METROPOLITAN PLANNING AREA

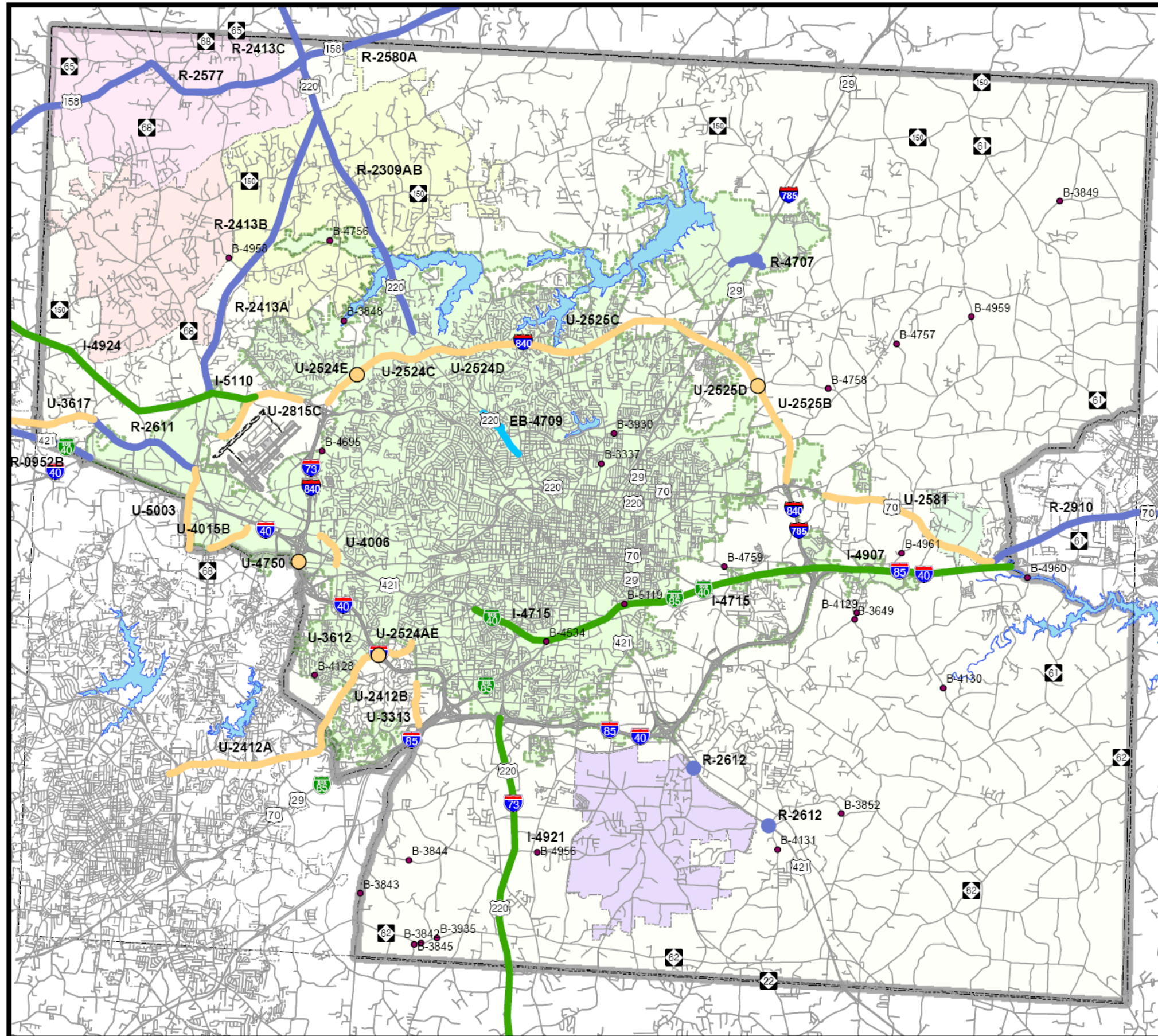
Final MTIP
FY 2009 - 2015

LEGEND

- INTERSTATE PROJECTS 
- URBAN PROJECTS 
- RURAL PROJECTS 
- ENHANCEMENT PROJECTS 
- BRIDGE PROJECTS 
- PLANNING AREA BOUNDARY 



0 0.5 1 2 3 4 Miles



Major Projects Summary

TIP ID	Project Descriptions and Changes	Funding Schedule
Delayed Projects		
I-4715	I-40/I-85 Business from High Point Road to I-85 - milling and resurfacing. <i>Delayed until completion of U-2524A.</i> Estimated project cost \$12,354,000.	GARVEE Bond
R-2611	^{PN} West Market Street from NC 68 to Bunker Hill Road in Colfax. Estimated project cost \$21,892,000 (up \$4,544,000). <i>ROW and CST delayed one year.</i>	ROW 09 CST 11-13
U-2412	^{PN} High Point Road estimated project cost \$97,728,000 (<i>down \$8,771,000</i>).	
	Section A from US 311 Bypass to Vickery Chapel Road. Right-of Way unchanged, <i>Construction delayed one year.</i>	ROW 09-10 CST 13-15
	Section B from Vickery Chapel to Hilltop Road. <i>Right-of Way unchanged, Construction delayed one year.</i>	ROW 09-10 CST 12-15
U-2524	Section AE Western Urban Loop Interchange at proposed High Point Road relocation. <i>Construction delayed one year.</i> Estimated project cost \$14,600,000.	ROW 09 CST 12
U-2525	Eastern Urban Loop Estimated project cost \$296,732,000 (<i>up \$18,132,000</i>).	
	Segment A from south of Clapp Farms to US 70.	Complete
	^{PN} Segment B from US 70 to US 29. <i>CST delayed from 2011.</i>	ROW 09-10 CST 13-PY
	^{PN} Segment C from US 29 to Lawndale Drive. <i>No schedule change.</i>	ROW PY CST PY
	^{PN} Segment D Interchange at proposed Cone Boulevard Extension	CST PY
On Schedule/No Schedule Change Projects		
U-2524	Western Urban Loop Estimated project cost \$612,423,000 (<i>up \$20,867,000</i>).	
	Section A from I-85 to I-40. <i>Construction on schedule.</i>	Complete
	Section B from I-40 to Bryan Boulevard. <i>Construction on schedule.</i>	Complete
	^{PN} Section C & D from Bryan Boulevard to Lawndale Drive.	ROW PY CST PY
	^{PN} Section E ITS Installation.	Under construction
	^{PN} Section F Interchange at proposed Lewiston-Fleming Road Extension	CST PY
U-4711	^{PN} Greensboro Signal / ITS System Replacement Estimated project cost \$25,550,000 (<i>up \$2,000,000</i>).	CST 09
U-4750	^{PN} Hornaday Road Bridge Extension of Hornaday Road, excludes roadway construction. Estimated project cost \$6,700,000.	CST 09
U-4006	^{PN} Bridford Parkway Extension from Hornaday Road to Burnt Poplar Road. Estimated project cost \$17,965,000 (<i>up \$1,025,000</i>).	ROW Complete CST 09-11
R-2413	^{PN} US 220/NC 68 Connector Estimated project cost \$190,788,000 (<i>up \$10,617,000</i>).	
	Segment A new alignment from Edgefield Road to Brookbank Road.	ROW 10-11 CST 13-PY
	Segment B new alignment from Brookbank Road to US 220 Haw River.	ROW 10-11 CST 13-PY
	Segment C widening from Haw River to NC 68-US 220 intersection.	CST 10-13
U-4015	Gallimore Dairy Road Widening from NC 68 to Market Street. Estimated project cost \$12,093,000 (<i>up \$2,238,000</i>).	
	Section A from NC 68 to I-40.	ROW PY CST PY
	Section B From I-40 to West Market Street. \$2,347,000 pay back to City in 2008.	CST Complete / Payback 08
I-4924	I-73/I-74 Connector from Winston-Salem Beltway north of Kernersville to NC 68. <i>For Planning and Environmental Study only.</i>	

Major Projects Summary

TIP ID	Project Descriptions and Changes	Funding Schedule
On Schedule/No Schedule Change Projects cont'd		
U-2581B R-2910	^{PN} US 70 from Mt. Hope Church Road to Rock Creek Dairy Road and Rock Creek Dairy Road to Burlington. <i>Programmed for Planning and Environmental Study only.</i> Estimated project cost \$30,358,000.	ROW PY CSY PY
U-3617	East Mountain Street/West Market Street from NC 66 in Kernersville to Bunker Hill Road in Colfax. Widen to Multi-lanes. Estimated project cost \$19,900,000.	ROW PY CST PY
U-5003	^{PN} Pegg-Thatcher Widening & Grade Separation at I-40 from W. Market St. to Gallimore Dairy Road. Estimated project cost \$25,600,000.	ROW PY CST PY
R-2612	US 421 construct interchanges at Woody Mill Road and Neelley Road. Estimated project cost \$35,706,000 (<i>up \$14,855,000</i>).	ROW 09 / 12 CST 10-11 / 14-15
R-2309AB	^{PN} US 220 Widening from Horse Pen Creek Road to US 220/NC 68 Connector. Estimated Project Cost \$54,594,000 (<i>up \$4,025,000</i>).	ROW 08 CST 10-12
EB-4709A	^{PN} Battleground Rail Trail from Pisgah Church Road to Markland Drive. Estimated project cost \$3,586,000.	CST 08-09
EB-4709B	^{PN} Battleground Rail Trail from Markland Drive to Lee Street. Estimated project cost \$5,313,000.	CST 09-11
R-4707	^{PN} US 29 / Reedy Fork Parkway Interchange Estimated project cost \$20,450,000.	ROW PY CST PY
R-0952B	BUS I-40/US 421 from west of US 158 in Forsyth County to west of Sandy Ridge in Guilford County. Pavement and Bridge rehabilitation. Estimated Project cost \$54,381,000.	ROW PY CST PY
R-2577	US 158 Widening from north of I-40/US 412 Business in Winston-Salem to US 220. Estimated Project cost \$105,891,000	ROW PY CST PY
R-2580A	US 158 Widening from US 220 to US 29 Business (Freeway Drive). Estimated project cost \$80,200,000.	ROW PY CST PY
Under Construction and Completed Projects		
I-4907	I-40/I-85 from rock Creek Dairy road to Mt. Hope Church road - milling and resurfacing.	Complete
U-2913A/B	Guilford College Road from High Point Road to Ruffin Road	Complete
U-3612	Hilltop Road from Guilford College Road to Adams farm Parkway	Complete
U-3313	Groometown Road Vandalia/Wayne Road to Grandover Parkway	Under construction
U-2815C	Bryan Boulevard Relocation at PTIA. <i>Construction on schedule.</i> Total project cost \$51,210,000.	Under construction
Added Unfunded Projects		
I-4921	Future I-73 from Asheboro to I-85, upgrade to Interstate Standards. Estimated project cost \$65,600,000	ROW PY CST PY
I-5110	I-73 Connector from NC 68 to Western Urban Loop. Estimated project cost \$121,500,000. <i>Programmed for Planning and Environmental Study.</i>	ROW PY CST PY
Feasibility Studies		
FS 0507A	I-73 route determination in Greensboro area. <i>Study complete.</i>	
FS-0609A	I-40 Improvements from US 311 to US 421/I-40 Business. Scheduled for Feasibility Study.	
FS-0707A	Sandy Ridge Road Extension from West Market Street to NC 68. Programmed for Feasibility Study.	

09 = Federal Fiscal Year 2009, etc. ROW = Right-of-Way CST = Construction PY = Post Year funding, 2016 or later ^{PN} = MPO Priority Needs Project

Highway Element

Metropolitan Transportation Improvement
Program
FY 2009 - FY 2015

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

TIP ID NO	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
INTERSTATE PROJECTS											
I-3603	T029	GUILFORD	I-40 AND I-85	WEST CITY LIMITS TO EAST CITY LIMITS IN GREENSBORO. INSTALL LIGHTING ON ROUTES. STRATEGIC HIGHWAY CORRIDOR		3200		CONSTRUCTION UNFUNDED PROJECT	IM	3200	POST YEARS
I-4715	T079	GUILFORD	I-40/85	SR 4121 (HIGH POINT ROAD) TO I-85 BYPASS. MILL AND RESURFACE.	9.9	12354	1676	CONSTRUCTION	IM	1017	FY 09
									IM	1017	FY 10
									IM	1017	FY 11
									IM	1017	FY 12
									IM	1017	FY 13
									IM	1017	FY 14
									IM	1017	FY 15
									IM	3559	POST YEAR
I-4907	T079	GUILFORD	I-40/I-85	EAST OF ROCK CREEK DIARY ROAD TO EAST OF MOUNT HOPE CHURCH ROAD. PAVEMENT REPAIR.	3.6	3019	3019	CONSTRUCTION			COMPLETE
I-4921	T030	GUILFORD	US 220	SR 1462 (WEST PRESNELL STREET EXTENSION) IN ASHEBORO TO I-85 IN GREENSBORO. UPGRADE TO INTERSTATE STANDARDS.	23.0	65600		RIGHT-OF-WAY	NHS	6900	POST YEARS
		RANDOLPH	FUTURE I-73					CONSTRUCTION UNFUNDED PROJECT	NHS	58700	POST YEARS
STRATEGIC HIGHWAY CORRIDOR											
I-4924	T061	FORSYTH	I-73/74 CONNECTOR	WINSTON-SALEM BELTWAY NORTH OF KERNERSVILLE TO NC 68 WEST OF GREENSBORO. MULTI-LANE FREEWAY ON NEW LOCATION.				PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY			
		GUILFORD						FUTURE NORTH CAROLINA TURNPIKE AUTHORITY PROJECT			
STRATEGIC HIGHWAY CORRIDOR											
I-5110	TO54	GUILFORD	FUTURE I-73	NC 68 TO GREENSBORO WESTERN LOOP. FREEWAY ON NEW LOCATION.	3.0	121500		PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY			POST YEARS
RURAL PROJECTS											
R-0952	T031	FORSYTH GUILFORD	I-40 BUSINESS/ US 421	WEST OF US 158 IN FORSYTH COUNTY TO WEST OF SR 1850 IN GUILFORD COUNTY. PAVEMENT AND BRIDGE REHABILITATION.	8.5	54381	27381				
			A	WEST OF US 158 TO WEST OF SR 2662 (LINVILLE ROAD).				CONSTRUCTION			COMPLETE
			B	SR 2662 (LINVILLE ROAD) IN FORSYTH COUNTY TO WEST OF SR 1850 (SANDY RIDGE ROAD) IN GUILFORD COUNTY				RIGHT OF WAY	NHS	1000	POST YEARS
								CONSTRUCTION	NHS	26000	POST YEARS

* INDICATES INTRASTATE PROJECT

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
RURAL PROJECTS											
R-2309	T003	GUILFORD	US 220	SR 2182 (HORSEPEN CREEK ROAD) TO US 220-NC 68 CONNECTOR (R-2413). WIDEN TO MULTI-LANES.	6.3	54594	14550	PLANNING/DESIGN MITIGATION	NHS	1744	IN PROGRESS FY 09
			AA	COTSWOLD TERRACE NORTH OF GREENSBORO TO SR 2182 (HORSEPEN CREEK ROAD)							COMPLETE
			AB	SR 2182 (HORSEPEN CREEK ROAD) TO NORTH OF SR 2313 (WINFREE ROAD) IN GREENSBORO				RIGHT OF WAY CONSTRUCTION CONSTRUCTION CONSTRUCTION	NHS NHS NHS	12767 12767 12766	IN PROGRESS FY 10 FY 11 FY 12
R-2413 *	T012	GUILFORD ROCKINGHAM	US 220-NC 68	SR 2133 (PLEASANT RIDGE ROAD) TO US 220-NC 68. MULTI-LANE CONNECTOR, ON NEW LOCATION, NC 68 TO US 220 AND MULTI-LANE US 220 TO NC 68.	12.4	190788	26402	PLANNING/DESIGN MITIGATION	T	3886	IN PROGRESS FY 09
			A	FOUR LANES AT SR 2011 (EDGEFIELD ROAD) TO SR 2127 (BROOKBANK ROAD).				RIGHT-OF-WAY CONSTRUCTION CONSTRUCTION	T T T	10000 34425 11475	FY10 11 FY 13 14 15 POST YEAR
			B	SR 2127 (BROOK BANK ROAD) TO HAW RIVER.				RIGHT-OF-WAY CONSTRUCTION CONSTRUCTION	T T T	8200 33600 11200	FY 10 11 FY 13 14 15 POST YEAR
			C	HAW RIVER TO NC 68-US 220 INTERSECTION				CONSTRUCTION	T	51600	FY 10 11 12 13
STRATEGIC HIGHWAY CORRIDOR											
R-2577 *	T070	FORSYTH GUILFORD	US 158	MULTI-LANES NORTH OF US 421/I-40 BUSINESS IN WINSTON-SALEM TO US 220. WIDEN TO MULTI-LANES.	18.8	105891	525	PLANNING/DESIGN MITIGATION	T	366	IN PROGRESS POST YEARS
			A	MULTI-LANES NORTH OF US 421/I-40 BUSINESS TO SR 1965 (BELEWS CREEK				RIGHT-OF-WAY CONSTRUCTION	T T	7800 24100	POST YEARS POST YEARS
			B	SR 1965 (BELEWS CREEK ROAD) IN FORSYTH COUNTY TO SR 2034 (ANTHONY ROAD) IN GUILFORD COUNTY.				RIGHT-OF-WAY CONSTRUCTION	T T	6800 36100	POST YEARS POST YEARS
			C	NORTH OF SR 2034 (ANTHONY ROAD) TO US 220.				RIGHT-OF-WAY CONSTRUCTION PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY	T T T	4800 25400	POST YEARS POST YEARS
STRATEGIC HIGHWAY CORRIDOR											
R-2580 A*	TO71	GUILFORD ROCKINGHAM	US 158	US 220 TO US 29 BUSINESS (FREEWAY DRIVE). WIDEN TO MULT-LANES	15.0	80200		RIGHT-OF-WAY CONSTRUCTION	T T	11700 68500	POST YEARS POST YEARS
STRATEGIC HIGHWAY CORRIDOR				R-2580B COMPLETE							

* INDICATES INTRASTATE PROJECT

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH	TOTAL	PRIOR	WORK TYPE	FUNDING SOURCE	COST	SCHEDULE (FISCAL YEARS)
					(MI) (KM)	EST. COST (THOU.)	YRS. COST (THOU.)			ESTIMATES (THOU.)	
RURAL PROJECTS											
R-2611	T005	GUILFORD	SR 1008 (WEST MARKET STREET)	SR 2007 AT COLFAX TO NC 68. WIDEN TO MULTI-LANES.	3.6	21892	500	PLANNING/DESIGN			IN PROGRESS
								RIGHT-OF-WAY	STPDA	5040	FY 09
								RIGHT-OF-WAY	S(M)	1260	FY 09
								UTILITY	STPDA	880	FY 09
								UTILITY	S(M)	220	FY 09
								MITIGATION	S	92	FY 10
								CONSTRUCTION	STP	3774	FY 11 12 13
								CONSTRUCTION	S(M)	2026	FY 11 12 13
								CONSTRUCTION	STPDA	8100	FY 11 12 13
R-2612	T007	GUILFORD	US 421	SR 3389 (WOODY MILL ROAD) AND NC 22 SOUTH OF GREENSBORO. CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.		35706	600	PLANNING/DESIGN			IN PROGRESS
								MITIGATION	CMAQ	1436	FY 09
			A	AT SR 3389 (WOODY MILL ROAD) SOUTH OF GREENSBORO				RIGHT-OF-WAY	CMAQ	1200	FY 09
								CONSTRUCTION	CMAQ	16100	FY 10 11
			B	AT NC 22 SOUTH OF GREENSBORO				RIGHT-OF-WAY	CMAQ	2570	FY 12
								CONSTRUCTION	CMAQ	13800	FY 14 15
R-2808 B	T032	DAVIDSON RANDOLPH GUILFORD	US 29-70 AND I-85 BUSINESS	I-85 IN DAVIDSON COUNTY TO I-85 IN GUILFORD COUNTY. UPGRADE, SAFETY IMPROVEMENTS, AND REPLACE BRIDGE AT NO. 74 AT SR 1627 (B-2163).	31.1	5800		RIGHT-OF-WAY	STP	1200	POST YEARS
								CONSTRUCTION	STP	4600	POST YEARS
								UNFUNDED PROJECT			
STRATEGIC HIGHWAY CORRIDOR				PROJECT R-2808A COMPLETE							
R-2910	T024	GUILFORD ALAMANCE	US 70	SR 3056 IN GUILFORD COUNTY TO SR 1309 IN ALAMANCE COUNTY. WIDEN TO FIVE LANES WITH CURB AND GUTTER.	5.4	15358	8	RIGHT-OF-WAY	STP	1900	POST YEARS
								CONSTRUCTION	STP	13450	POST YEARS
								UNFUNDED PROJECT			
								PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY			
R-4403		CASWELL GUILFORD ORANGE ROCKINGHAM	US 15-501, US 29, US 158, US 220, US 421, NC 68	NATIONAL HIGHWAY SYSTEM GUARDRAIL REHABILITATION. UPGRAD SUBSTANDARD GUARDRAIL, END TREATMENTS, AND BRIDGE ANCHOR UNITS.		1068	1068	CONSTRUCTION			IN PROGRESS

* INDICATES INTRASTATE PROJECT

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
RURAL PROJECTS											
R-4707	T022	GUILFORD	US 29	SR 2526 (SUMMIT AVENUE), SR 2641 (BRYAN PARK ROAD) TO US 29/SR 2790 (REEDY FORK PARKWAY) INTERCHANGE. CONSTRUCT ROADWAY IMPROVEMENTS AND REVISE INTERCHANGE.		20450	750	RIGHT-OF-WAY	NHS	2800	POST YEARS
								CONSTRUCTION	NHS	16900	POST YEARS
								PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY			
URBAN PROJECTS											
U-2412	T004	GUILFORD	GREENSBORO HIGH POINT	SR 1486-SR 1421 (GREENSBORO-HIGH POINT ROAD), HILLTOP ROAD TO PROPOSED US 311 BYPASS. WIDEN TO MULTI-LANES, PART ON NEW LOCATION.	7.8	97728	2465	PLANNING/DESIGN			IN PROGRESS
			A	US 311 BYPASS TO SR 4228 (VICKERY CHAPEL ROAD).				MITIGATION	STP	1163	FY 11
								RIGHT-OF-WAY	STP	18200	FY 09 10
			B	SR 4228 (VICKERY CHAPEL ROAD) TO SR 1424 (HILLTOP ROAD).				CONSTRUCTION	STP	13800	FY 13 14 15
								RIGHT-OF-WAY	STP	21200	FY 09 10
								CONSTRUCTION	STP	40900	FY 12 13 14 15
U-2524 *	T014	GUILFORD	GREENSBORO	WESTERN LOOP, NORTH OF I-85 TO LAWDALE DRIVE. CONSTRUCT FREEWAY ON NEW LOCATION.	15.0	612423	367135	PLANNING/DESIGN			IN PROGRESS
								MITIGATION	T	2988	POST YEARS
			AA	SR 1546 (GUILFORD COLLEGE ROAD), SOUTH OF SR 1541 (WENDOVER AVENUE) TO NORTH OF SR 1560 (SAPP ROAD).							COMPLETE
			AB	NORTH OF I-85 NEAR SR 1129 (GROOMETOWN ROAD) TO NORTH OF SR 4121 (HIGH POINT ROAD).				CONSTRUCTION			IN PROGRESS
			AC	NORTH OF SR 4121 (HIGH POINT ROAD) TO I-40				CONSTRUCTION			IN PROGRESS
			AE	INTERCHANGE AT PROPOSED HIGH POINT ROAD RELOCATION				RIGHT-OF-WAY	NHS	1000	FY 09
								CONSTRUCTION	NHS	12100	FY 12
								UTILITY	NHS	1500	FY 09
			BA	I-40 NORTH OF SR 2147 (WEST FRIENDLY AVENUE).				CONSTRUCTION			COMPLETE
			BB	NORTH OF SR 2147 (WEST FRIENDLY AVENUE) TO NORTH OF SR 2176 (BRYAN BOULEVARD).				CONSTRUCTION			COMPLETE
			C	NORTH OF SR 2176 (BRYAN BOULEVARD) TO US 220 (BATTLEGROUND AVENUE)				RIGHT-OF-WAY	T	7800	POST YEARS
								CONSTRUCTION	T	104700	POST YEARS
			D	US 200 (BATTLEGROUND AVENUE) TO SR 2303 (LAWDALE DRIVE).				RIGHT-OF-WAY	T	12800	POST YEARS
								CONSTRUCTION	T	87400	POST YEARS
			E	ITS INSTALLATION							IN PROGRESS
			F	INTERCHANGE AT PROPOSED HIGH POINT ROAD EXTENSION.				CONSTRUCTION	T	15000	POST YEARS
STRATEGIC HIGHWAY CORRIDOR											

* INDICATES INTRASTATE PROJECT

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
URBAN PROJECTS											
U-2525 *	T058	GUILFORD	GREENSBORO	EASTERN LOOP. LAWNSDALE DRIVE TO NORTH OF I-40/85. CONSTRUCT FREEWAY ON NEW LOCATION.	12.6	296732	45900	PLANNING/DESIGN MITIGATION	T	3612	IN PROGRESS FY 12
			A	SOUTH OF SR 3041 (CLAPP FARMS ROAD) TO US 70 RELOCATION							COMPLETE
			B	US 70 RELOCATION TO US 29 NORTH OF GREENSBORO				RIGHT-OF-WAY CONSTRUCTION	T T	15400 87375	FY 09 10 FY 13 14 15
			C	US 29 NORTH OF GREENSBORO TO SR 2303 (LAWNSDALE DRIVE).				CONSTRUCTION RIGHT-OF-WAY CONSTRUCTION	T T	29125 7320 93000	POST YEAR POST YEARS POST YEARS
			D	INTERCHANGE AT PROPOSED CONE BOULEVARD EXTENSION.				CONSTRUCTION	T	15000	POST YEARS
STRATEGIC HIGHWAY CORRIDOR											
U-2581B	T025	GUILFORD	GREENSBORO	US 70, SR 2851 (PENRY ROAD) TO SR 3056 (ROCK CREEK DAIRY ROAD). WIDENING TO MULTI-LANES , SOME RELOCATION.	5.2	15000		RIGHT-OF-WAY CONSTRUCTION PART COMPLETE - PART UNFUNDED PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY	STP STP	1800 13200	POST YEARS POST YEARS
U-2815C		GUILFORD	GREENSBORO	BRYAN BOULEVARD, INMAN ROAD TO NC 68. RELOCATE ROADWAY. NCDOT WILL REIMBURSE PTIA UP TO \$52 MILLION	1.9	51210	51210	UNDER CONSTRUCTION BY PTIA			IN PROGRESS
U-3313		GUILFORD	GREENSBORO	SR 1129 (GROOMETOWN ROAD), SR 1383 (WILEY DAVIS ROAD) TO SR 1479 (WAYNE ROAD). WIDEN TO A FOUR-LANE DIVIDED CURB AND GUTTER FACILITY WITH A RAISED MEDIAN.	1.2	14790	14790	CONSTRUCTION			IN PROGRESS
U-3314B	T013	GUILFORD	GREENSBORO	I-40/85 CORRIDOR. IVHS TO INCLUDE VARIABLE MESSAGE SIGNS, TRAFFIC FLOW, INCIDENT MANAGEMENT SIGNS, COMMUNICATIONS SYSTEMS, COORDINATED SIGNALS, TRAFFIC OPERATIONS CENTER AND VIDEO SURVEILLANCE.		17200		CONSTRUCTION PART COMPLETE - PART UNFUNDED	S	17200	POST YEARS
U-3612		GUILFORD	GREENSBORO	PROJECT U-3314A- COMPLETE SR 1424 (HILLTOP ROAD), SR 1546 (GUILFORD COLLEGE ROAD) TO ADAMS FARM PARKWAY. WIDEN TO MULTI-LANES.	0.6	5184	5184	CONSTRUCTION			COMPLETE

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GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH	TOTAL	PRIOR	WORK TYPE	FUNDING SOURCE	COST	SCHEDULE (FISCAL YEARS)
					(MI) (KM)	EST. COST (THOU.)	YRS. COST (THOU.)			ESTIMATES (THOU.)	
URBAN PROJECTS											
U-3617	T035	FORSYTH GUILFORD	KERNERSVILLE COLFAX	SR 2045 (EAST MOUNTAIN STREET/OLD US 421), SR 1005 (OLD GREENSBORO ROAD), SR 1008 (WEST MARKET STREET) FROM NC 66 IN KERNERSVILLE TO SR 2001 (CROSSCREEK ROAD) IN GUILFORD COUNTY. WIDEN TO MULTI-LANES.	2.8	19900		RIGHT-OF-WAY CONSTRUCTION UNFUNDED PROJECT	STP STP	6000 13900	POST YEAR POST YEAR
U-4006	T006	GUILFORD	GREENSBORO	BRIDFORD PARKWAY, SR 1541 (WENDOVER AVENUE) AT HORNADAY ROAD TO BURNT POPLAR ROAD AT SWING ROAD. MULTI-LANE CONNECTOR ON NEW LOCATION.	1.1	17965	3565	PLANNING/DESIGN RIGHT-OF-WAY MITIGATION CONSTRUCTION		398 14400	IN PROGRESS IN PROGRESS IN PROGRESS FY 09 10 11
U-4015	T021	GUILFORD	GREENSBORO A B	SR 1556 (GALLIMORE DAIRY ROAD), NC 68 TO SR 1008 (MARKET STREET) . WIDEN TO MULTI-LANES. NC 68 TO SOUTH OF INTERNATIONAL DRIVE. SOUTH OF INTERNATIONAL DRIVE TO SR 1008 (WEST MARKET STREET).	1.6	10080	3630	RIGHT-OF-WAY CONSTRUCTION	STP STP	1650 4800	POST YEARS POST YEARS COMPLETE
U-4711	T001	GUILFORD	GREENSBORO	GREENSBORO SIGNAL/ITS SYSTEM REPLACEMENT AND EXPANSION		25550	12525	PLANNING/DESIGN CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION		4400 4300 1725 2600	IN PROGRESS FY 09 FY 09 FY 09 FY 09
U-4746		GUILFORD	GREENSBORO	PURCHASE 8 BUSES FOR GTA FLEET EXPANSION.		1710	1710	ACQUISITION			IN PROGRESS
U-4750	T002	GUILFORD	GREENSBORO	EXTENSION OF HORNADAY ROAD FROM ITS CURRENT TERMINUS TO CHIMNEY ROCK ROAD, INCLUDING A GRADE SEPARATION OVER THE GREENSBORO URBAN LOOP. PLANNING, DESIGN, AND CONSTRUCTION BY CITY.		6700	300	CONSTRUCTION	S	6400	FY 09
U-4757	T010	GUILFORD	GREENSBORO	INTERSECTIONS OF MARKET STREET AND GALLIMORE DIARY ROAD AND MARKET STREET AND FRIENDLY AVENUE. CONSTRUCT IMPROVEMENTS.		2000		RIGHT-OF-WAY CONSTRUCTION UNFUNDED PROJECT	STP STP	500 1500	POST YEARS POST YEARS
U-5003	T023	GUILFORD	GREENSBORO	SR 1840 (PEGG ROAD) AND SR 1842 (THATCHER ROAD), SR 1556 (GALLIMOR E DIARY ROAD) TO SR 1008 (WEST MARKET STREET). WIDEN TO MULTI-LANES WITH GRADE SEPERATION OVER I-40.	2.1	25600		RIGHT-OF-WAY CONSTRUCTION PROJECT	STP STP	5900 19700	POST YEAR POST YEAR

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GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
FEDERAL BRIDGE PROJECTS											
B-3337	T015	GUILFORD	SR 1001	NORTH BUFFALO CREEK. REPLACE BRIDGE NO. 527		3524	3524	CONSTRUCTION			IN PROGRESS
B-3462	T015	GUILFORD	SR 2770	BUFFALO CREEK. REPLACE BRIDGE NO. 194		1531	1531	CONSTRUCTION			IN PROGRESS
B-3649	T015	GUILFORD	SR 3000	LITTLE ALAMANCE CREEK. REPLACE BRIDGE NO. 227		1211	1211	CONSTRUCTION			IN PROGRESS
B-3849	T015	GUILFORD	SR 2717	PRONG OF REEDY FORK CREEK. REPLACE BRIDGE NO. 188		535	535	CONSTRUCTION			IN PROGRESS
B-3851	T015	GUILFORD	SR 3163	US 29-70-220-421. REPLACE BRIDGE NO. 21		10324	10324	CONSTRUCTION			IN PROGRESS
B-3852	T015	GUILFORD	SR 3389	ALAMANCE CREEK. REPLACE BRIDGE NO. 449 DESIGN-BUILD PROJECT		1850	250	CONSTRUCTION			IN PROGRESS
B-4128	T015	GUILFORD	SR 1549	BULL RUN CREEK. REPLACE BRIDGE NO. 73		3548	3548	CONSTRUCTION			IN PROGRESS
B-4129	T015	GUILFORD	SR 3000	LITTLE ALAMANCE CREEK. REPLACE BRIDGE NO. 226		2290	2290	CONSTRUCTION			IN PROGRESS
B-4130	T015	GUILFORD	SR 3045	ALAMANCE CREEK. REPLACE BRIDGE NO. 228		1543	1543	CONSTRUCTION			IN PROGRESS
B-4131	T015	GUILFORD	SR 3394	LITTLE ALAMANCE CREEK. REPLACE BRIDGE NO. 11		1889	1889	CONSTRUCTION			IN PROGRESS
B-4534	T015	GUILFORD	I-40/US 220	I-85. REHABILITATE BRIDGE NO. 336		6200	6200	CONSTRUCTION			IN PROGRESS
STRATEGIC HIGHWAY CORRIDOR											
B-4756	T015	GUILFORD	SR 2128	REEDY FORK CREEK. REPLACE BRIDGE NO.120		1708		RIGHT-OF-WAY MITIGATION CONSTRUCTION	NFA NFA NFA	150 33 1525	FY 13 FY 13 FY 14
B-4757	T015	GUILFORD	SR 2795	BUFFALO CREEK. REPLACE BRIDGE NO. 175		1505	100	RIGHT-OF-WAY CONSTRUCTION	NFA NFA	130 1275	FY 12 FY 13
B-4758	T015	GUILFORD	SR 2824	NORTH BUFFALO CREEK. REPLACE BRIDGE NO. 159		1220	120	RIGHT-OF-WAY CONSTRUCTION	NFA NFA	100 1000	FY 11 FY 12
B-4759	T015	GUILFORD	SR 3000	SOUTH BUFFALO CREEK. REPLACE BRIDGE NO. 224		3400	200	RIGHT-OF-WAY MITIGATION CONSTRUCTION	NFA NFA NFA	290 10 2900	POST YEARS POST YEARS POST YEARS

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GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
FEDERAL BRIDGE PROJECTS											
B-4956	T015	GUILFORD	SR 1105	POLE CAT CREEK. REPLACE BRIDGE NO. 25		1075		RIGHT-OF-WAY CONSTRUCTION	NFA NFA	100 975	POST YEARS POST YEARS
B-4958	T015	GUILFORD	SR 2128	REEDY FORK ROAD. REPLACE BRIDGE NO. 106		1902		RIGHT-OF-WAY MITIGATION CONSTRUCTION	NFA NFA NFA	170 7 1725	POST YEARS POST YEARS POST YEARS
B-4959	T015	GUILFORD	SR 2719	NORTH BUFFALO CREEK. REPLACE BRIDGE NO. 193		1430		RIGHT-OF-WAY CONSTRUCTION	NFA NFA	130 1300	POST YEARS POST YEARS
B-4960	T015	GUILFORD	SR 3058	LITTLE ALAMANCE CREEK. REPLACE BRIDGE NO. 214		1187	75	RIGHT-OF-WAY MITIGATION CONSTRUCTION	NFA NFA NFA	100 12 1000	FY 11 FY 11 FY 12
B-4961	T015	GUILFORD	SR 3051	LITTLE ALAMANCE CREEK. REPLACE BRIDGE NO.208		1045		RIGHT-OF-WAY CONSTRUCTION	NFA NFA	95 950	FY 14 FY 15
B-5119	T015	GUILFORD	BUS I-40 / I-85	US 29-70-220. REPLACE BRIDGE NO.291 AND NO.349.		9550		RIGHT-OF-WAY CONSTRUCTION	FA FA	875 8675	FY 12 FY 13 14 15
MUNICIPAL BRIDGE PROJECTS											
B-3930	T015	GUILFORD	GREENSBORO	16TH STREET OVER NORFOLK-SOUTHERN RAILWAY. REPLACE BRIDGE NO. 579		2544	2544	CONSTRUCTION			IN PROGRESS
B-4695	T015	GUILFORD	GREENSBORO	REPLACE BRIDGE NO.97		1766	320	CONSTRUCTION CONSTRUCTION	NFAM C	1157 289	FY 09 FY 09
MITIGATION PROJECTS											
EE-4907		VARIOUS	ROCKINGHAM CASWELL GUILFORD ALAMANCE ORANGE	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 7 PROJECT MITIGATION		7221	7221	MITIGATION			IN PROGRESS
BICYCLE AND PEDESTRIAN PROJECTS											
EB-4709	T018	GUILFORD	GREENSBORO	BATTLEGROUND AVENUE RAIL-TRAIL, PISGAH CHURCH ROAD TO LEE STREET.	4.4	8899	3586				
			A	PISGAH CHURCH ROAD TO MARKLAND DRIVE				CONSTRUCTION			IN PROGRESS
			B	MARKLAND DRIVE TO LEE STREET				CONSTRUCTION CONSTRUCTION	STPDA C	4250 1063	FY 09 10 11 FY 09 10 11
EB-5109	T018	GUILFORD	GREENSBORO	BATTLEGROUND AVENUE RAIL-TRAIL- PHASE II				FEASIBILITY STUDY ONLY			

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GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
ENHANCEMENTS PROJECTS											
E-4776	T018	GUILFORD	GREENSBORO	CONSTRUCT SIDEWALKS ALONG MCKNIGHT MILL ROAD.		85	85				COMPLETE
E-4778	T018	GUILFORD	OAK RIDGE	LANDSCAPE INTERSECTION OF NC 68 AND NC 150		12	12	CONSTRUCTION			IN PROGRESS
EL-5101	T018	GUILFORD	GREENSBORO	PEDESTRIAN AND BICYCLE PROJECTS IN THE GREENSBORO URBAN AREA METROPOLITAN URBAN PLANNING ORGANIZATION (GUAMPO)		5000	1875	CONSTRUCTION	STPDA	2500	FY 09 10
								CONSTRUCTION	C	625	FY 09 10
CONGESTION MITIGATION PROJECTS											
C-4936	T020	VARIOUS	CASWELL DAVIDSON MONTGOMERY RANDOLPH ROCKINGHAM GUILFORD FORSYTH A	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION (PART) IMPLEMENT A REGIONAL AIR QUALITY AWARENESS PROGRAM. GREENSBORO AREA		966	650	IMPLEMENTATION			IN PROGRESS BY OTHERS
											COMPLETE
HAZARD ELIMINATION PROJECTS											
W-4707	T016	GUILFORD	NC 150	SR 2128 (BUNCH ROAD). INTERSECTION IMPROVEMENTS.		330	75	CONSTRUCTION	HES	255	FY 09
W-4822		GUILFORD RANDOLPH DAVIDSON	I-85 BUSINESS/ US 29-70	SECTION A, I-85 NORTHWARD TO SWEARING CREEK IN DAVIDSON COUNTY; SECTION B. RANDOLPH COUNTY LINE NORTHWARD TO I-85 IN GUILFORD COUNTY. INSTALL SHOULDER RUMBLE STRIPS.		190	190	CONSTRUCTION			IN PROGRESS
W-4823		GUILFORD	US 421	INSTALL SHOULDER RUMBLE STRIPS.		270	270	CONSTRUCTION			IN PROGRESS
W-4824		GUILFORD	I-40	INSTALL SHOULDER RUMBLE STRIPS.		195	195	CONSTRUCTION			IN PROGRESS
SI-4718		GUILFORD	GREENSBORO	SR 1002 (SCALESVILLE ROAD) AT SR 2305 (WITTY ROAD). INSTALL CENTER TRAFFIC ISLAND WITH STOP SIGNS ON SR 2305.		175	175	CONSTRUCTION			IN PROGRESS
SI-4719		GUILFORD	COLFAX	SR 1008 (MARKET STREET) AT SR 2007 (BUNKER HILL ROAD). CONSTRUCT LEFT TURN LANE ON MARKET STREET AND INSTALL TRAFFIC SIGNAL.		230	230	CONSTRUCTION			IN PROGRESS
W-5131	T016	GUILFORD	I-40	WEST OF MCCONNELL ROAD TO EAST OF MCCONNELL ROAD. INSTALL MEDIAN BARRIER.		130		CONSTRUCTION	HES	130	FY 09
STRATEGIC HIGHWAY CORRIDOR											
W-5114	T011	GUILFORD	NC 68	SOUTH OF SR 2111 (EAST HARRELL ROAD) TO SR 4831 (BARTONSHIRE DRIVE). WIDEN TO THREE LANE SECTION WITH CENTER TURN LANE.	0.4	952		RIGHT-OF-WAY CONSTRUCTION	HES HES	52 900	FY 09 FY 10

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GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Highway Program MPO Area Projects

ID NO.	PROJECT ID NO	COUNTY	ROUTE/CITY	LOCATION AND DESCRIPTION	LENGTH (MI) (KM)	TOTAL EST. COST (THOU.)	PRIOR YRS. COST (THOU.)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU.)	SCHEDULE (FISCAL YEARS)
PASSENGER RAIL PROJECTS											
P-2908	T017	ALAMANCE CABARRUS DURHAM EDGEcombe GUILFORD JOHNSTON MECKLENBURG NASH ROWAN WAKE WILSON	AMTRAK	CAPITAL AND OPERATIONS COST OF TRAIN 79/80 BETWEEN CHARLOTTE AND ROCKY MOUNT.		47795	30995	OPERATIONS OPERATIONS	S(5)	16800	IN PROGRESS FY 09 10 11 12 13 14 15
P-2918	T017	ALAMANCE CABARRUS DURHAM GUILFORD MECKLENBURG ROWAN WAKE	AMTRAK	TRAIN 73/74 OPERATIONS BETWEEN CHARLOTTE AND CAPITAL YARD MAINTENANCE FACILITY.		85752	39552	OPERATIONS OPERATIONS OPERATIONS	S(5) T2001	18200 28000	IN PROGRESS FY 09 10 11 12 13 14 15 FY 09 10 11 12 13 14 15
FEASIBILITY STUDIES											
FS-0707A		GUILFORD		NEW ROUTE FROM SR 1850 (SANDY RIDGE ROAD) AT SR 1008 (WEST MARKET STREET) TO NC 68 NEAR PIEDMONT TRIAD INTERNATIONAL AIRPORT.				SCHEDULED FOR FEASIBILITY STUDY BY HPMP0			
FS-0609A		FORSYTH GUILFORD		US 311 IN FORSYTH COUNTY TO US 421 / I-40 BUSINESS IN GUILFORD COUNTY. WIDEN TO SIX LANES.				SCHEDULED FOR FEASIBILITY STUDY			

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ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK									
ROUTE/CITY COUNTY	ID NUMBER					"DELIVERABLE STIP"					"DEVELOPMENTAL STIP"				"UNFUNDED"
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS		
INTERSTATE PROJECTS															
I-95	M-0412	CORRIDORS OF THE FUTURE PROGRAM. INTERSTATE MAINTENANCE DISCRETIONARY FUNDS (IMD) FOR IMPROVEMENTS TO I-95 FROM FLORIDA TO VIRGINIA. NORTH CAROLINA TO PROVIDE FUNDS TO ADJOINING STATES UNDER TERMS OF AN AGREEMENT.	16800		S	PE	8400	PE	8400						
STATEWIDE															
STRATEGIC HIGHWAY CORRIDOR															
VARIOUS	I-9998	INTERSTATE PREVENTATIVE MAINTENANCE.	125000		IMP					C	25000	C	25000	C	25000
STATEWIDE															
STRATEGIC HIGHWAY CORRIDOR															
RURAL PROJECTS															
VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	12000	5000	S	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000
STATEWIDE															
IN PROGRESS															
VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS	3000	900	S	PE	300	PE	300	PE	300	PE	300	PE	300
STATEWIDE															
IN PROGRESS															
VARIOUS	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.	1800	400	S	N	200	N	200	N	200	N	200	N	200
STATEWIDE															
IN PROGRESS															
VARIOUS	M-0386	STATEWIDE TRANSPORTATION MANAGEMENT CENTER.													
STATEWIDE															
SCHEDULED FOR FEASIBILITY STUDY ONLY															
VARIOUS	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITIATIVES.	3000	3000											
STATEWIDE															
IN PROGRESS															
VARIOUS	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT	1500	1500											
STATEWIDE															
IN PROGRESS															

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		LOCATION / DESCRIPTION (LENGTH)	TOTAL	PRIOR	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK													
ROUTE/CITY	ID		COST	COST	"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"				"UNFUNDED"			
COUNTY	NUMBER		(THOU)	(THOU)	FUNDING	FY 2009		FY 2010		FY 2011		FY 2012		FY 2013	FY 2014	FY 2015	FUTURE YEARS	
RURAL PROJECTS																		
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.	13750	5000	S	PE	1250	PE	1250	PE	1250	PE	1250	PE	1250	PE	1250	
IN PROGRESS																		
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	3000	900	S	PE	300	PE	300	PE	300	PE	300	PE	300	PE	300	
IN PROGRESS																		
VARIOUS STATEWIDE	R-4958	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (APPALACHIAN DEVELOPMENT).	479	84	APD	A	5	A	5	A	5	A	5	A	5	A	5	
					APD	M	60	B	M	60	B	M	60	B	M	60	B	
					A ON-SITE MITIGATION.													
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.													
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		
VARIOUS STATEWIDE	R-4956	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (BRIDGE PROGRAM).	787	259	FA	A	7	A	7	A	7	A	7	A	7	A	7	
					FA													
					NFA	A	8	A	8	A	8	A	8	A	8	A	8	
					NFA													
					A ON-SITE MITIGATION.													
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.													
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		
VARIOUS STATEWIDE	R-4950	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (STATE CONSTRUCTION).	99055	90674	S	A	100	A	100	A	100	A	100	A	100	A	100	
					S	M	1045	B	M	852	B	M	1155	B	M	1200	B	
					A ON-SITE MITIGATION.													
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.													
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		
VARIOUS STATEWIDE	R-4955	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (INTERSTATE MAINTENANCE).	2538	721	IM	A	25	A	25	A	25	A	25	A	25	A	25	
					IM			M	300	B	M	300	B	M	142	B	M	300
					A ON-SITE MITIGATION.													
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.													
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK																									
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"						"UNFUNDED"											
					FISCAL YEARS																								
					FY 2009	FY 2009	FY 2010	FY 2010	FY 2011	FY 2011	FY 2012	FY 2012	FY 2013	FY 2013	FY 2014	FY 2014	FY 2015	FY 2015	FUTURE YEARS										
RURAL PROJECTS																													
VARIOUS STATEWIDE	R-4954	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (SURFACE TRANSPORTATION PROGRAM).	123041	36129	STP	A	1500	A	A	1500	A	A	1500	A	A	1500	A	A	1500	A									
					STP	M	9495	B	M	14677	B	M	8828	B				M	10871	B	M	15874	B	M	16667	B			
					A ON-SITE MITIGATION.																								
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.																								
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																													
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.	36367	10267	STP	N	3100		N	3500		N	3900				N	3900		N	3900		N	3900					
IN PROGRESS																													
VARIOUS STATEWIDE	R-4957	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (HIGH PRIORITY).	599	144	HP	A	5	A	A	5	A	A	5	A			A	5	A	A	5	A	A	5	A				
					HP	M	60	B	M	60	B	M	60	B			M	60	B	M	60	B	M	60	B				
					A ON-SITE MITIGATION.																								
					B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.																								
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																													
VARIOUS STATEWIDE	R-2929	NATIONAL PARKS SERVICE SPOT SAFETY AND SIGN REHABILITATION.	1800	1100	FLPP	C	100		C	100		C	100				C	100		C	100		C	100					
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																													
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.	14558	8258	STP	C	900		C	900		C	900				C	900		C	900		C	900					
IN PROGRESS																													
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT)	99427	53227	STP	C	6600		C	6600		C	6600				C	6600		C	6600		C	6600					
IN PROGRESS																													
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).	210000	84000	STP	C	18000		C	18000		C	18000				C	18000		C	18000		C	18000					
IN PROGRESS																													

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										"UNFUNDED" FUTURE YEARS		
ROUTE/CITY COUNTY	ID NUMBER					"DELIVERABLE STIP"			"DEVELOPMENTAL STIP"									
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015						
RURAL PROJECTS																		
VARIOUS STATEWIDE	R-4066	WETLAND RESTORATION PROGRAM. COMPLETION OF WATERSHED ASSESSMENT PLANS IN ALL SEVENTEEN (17) RIVER BASINS TO IDENTIFY WETLAND AND STREAM RESTORATION PROJECTS FOR MITIGATION.	17500	17500														
IN PROGRESS																		
VARIOUS STATEWIDE	R-4951	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (INTRASTATE).	124352	44167		T	A	2000	A	A	2000	A	A	2000	A			
						T	M	12543	B	M	6937	B	M	23013	B			
						A ON-SITE MITIGATION. B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.												
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		
VARIOUS STATEWIDE	R-4454	IMPROVEMENT PROJECTS THAT FURTHER ECONOMIC GROWTH AND DEVELOPMENT IN SMALL URBAN AND RURAL AREAS.	47000	47000														
IN PROGRESS																		
VARIOUS STATEWIDE	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORCASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.	7132	3632		S	F	500	F	500	F	500	F	500				
IN PROGRESS																		
VARIOUS STATEWIDE	R-2930	NATIONAL PARKS SERVICE EMERGENCY PAVEMENT REHABILITATION.	1260	770		FLPP	C	70	C	70	C	70	C	70				
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																		
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC)	226300	100300		IM	C	13500	C	13500	C	13500	C	13500				
						NHS	C	4500	C	4500	C	4500	C	4500				
IN PROGRESS																		
VARIOUS STATEWIDE	R-4953	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (NATIONAL HIGHWAY SYSTEM).	65261	21343		NHS	A	750	A	A	750	A	A	750	A			
						NHS	M	5093	B			M	7894	B				
						A ON-SITE MITIGATION. B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.												
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																		

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STATEWIDE		ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												"UNFUNDED" FUTURE YEARS						
								"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"				"UNFUNDED"								
								FISCAL YEARS																		
								FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS											
RURAL PROJECTS																										
VARIOUS STATEWIDE	R-4500	ECONOMIC DEVELOPMENT.	36101	21101	S			C	5000	C	5000	C	5000													
UNDER CONSTRUCTION																										
VARIOUS STATEWIDE	R-4952	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (URBAN LOOP).	45061	9513	T	A	600	A	600	A	600	A	600	A	600	A										
								T	M	3664	B		M	987	B	M	5097	B	M	7200	B	M	7200	B		
<p>A ON-SITE MITIGATION.</p> <p>B ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT.</p>																										
IN PROGRESS - SEGMENT A - ON-SITE MITIGATION, SEGMENT B - ECOSYSTEMS ENHANCEMENT PROGRAM (EEP) HOLDOUT																										
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.	4800	600	STP	M	600	M	600	M	600	M	600	M	600	M	600									
IN PROGRESS																										
STATEWIDE	M-0359	PROGRAM DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH. DEVELOP A PROCEDURES MANUAL.	300	300																						
IN PROGRESS																										
URBAN PROJECTS																										
VARIOUS STATEWIDE	U-4500	ECONOMIC DEVELOPMENT.	44430	20175	S			C	9405	C	10000	C	4850													
IN PROGRESS																										
FEDERAL BRIDGE PROJECTS																										
VARIOUS STATEWIDE	B-4693	STATEWIDE SURVEY OF HISTORICAL BRIDGES.	1000	1000																						
IN PROGRESS																										
VARIOUS STATEWIDE	B-4700	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.	42500	7500	FA	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500									
								NFA	C	2500	C	2500	C	2500	C	2500	C	2500								
IN PROGRESS																										
VARIOUS STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.	183300	106300	BRGI	I	11000	I	11000	I	11000	I	11000	I	11000	I	11000									
IN PROGRESS																										
VARIOUS STATEWIDE	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.	1000	1000																						
IN PROGRESS																										

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STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												
						"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"				"UNFUNDED"		
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS					
BICYCLE AND PEDESTRIAN PROJECTS																		
VARIOUS STATEWIDE	EB-3119	LOCAL BICYCLE MAPS: UPDATE, REVISE AND REPRINT.	479	304	STPEB MP	25	MP	25	MP	25	MP	25	MP	25	MP	25		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-2966	SAFETY-EDUCATION PROJECTS.	745	445	STPEB B	25	B	50	B	25	B	50	B	50	B	50		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-2956	STATEWIDE BICYCLE PROGRAM.	25029	17553	STPEB C	1068	C	1068	C	1068	C	1068	C	1068	C	1068		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	8250	4750	STPEB C	500	C	500	C	500	C	500	C	500	C	500		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-4013	SPOT IMPROVEMENTS: SHORT PAVEMENT SECTIONS, BICYCLE RACKS AND SIGNING NEEDS.	7700	4200	STPEB C	500	C	500	C	500	C	500	C	500	C	500		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.	25000	6500	STPEB C	2000	C	2250	C	2500	C	2750	C	3000	C	3000		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-4409	MAP AND SIGN: URBAN, COUNTY AND REGIONAL BIKE ROUTES. IN CALDWELL, CARTERET (MOREHEAD CITY), CATAWBA, DUPLIN, COLUMBUS (WHITEVILLE), DUPLIN, GOLDSBORO MPO, HALIFAX, IREDELL, MADISON, MONTGOMERY, PAMLICO, POLK, ROCKINGHAM, SCOTLAND, TYRELL AND WILKES COUNTIES.	2625	1225	STPEB C	200	C	200	C	200	C	200	C	200	C	200		
IN PROGRESS																		
VARIOUS STATEWIDE	EB-3120	NORTH CAROLINA BICYCLING HIGHWAYS MAPS: UPDATE AND REPRINT.	506	331	STPEB MP	25	MP	25	MP	25	MP	25	MP	25	MP	25		
IN PROGRESS																		

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STATEWIDE		ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												"UNFUNDED" FUTURE YEARS
								"DELIVERABLE STIP"				"DEVELOPMENTAL STIP"				FY 2015	FY 2016	FY 2017	FY 2018	
								FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015						
BICYCLE AND PEDESTRIAN PROJECTS																				
VARIOUS STATEWIDE	EB-4012	NORTH CAROLINA BICYCLING HIGHWAYS NO. 10 (SANDHILLS SECTOR): MAPPING AND SIGNING.			25	25														
IN PROGRESS																				
REGIONAL STATEWIDE	EB-4410	AREA-WIDE BICYCLE IMPROVEMENTS FEASIBILITY STUDIES.			650	300	STPEB	F	50	F	50	F	50	F	50	F	50			
IN PROGRESS																				
CONGESTION MITIGATION PROJECTS																				
NC RAILROAD STATEWIDE	C-4901	RAIL DIVISION, CONSTRUCT A SECOND MAIN LINE BETWEEN THOMASVILLE AND LEXINGTON IN DAVIDSON COUNTY.			9500		CMAQ			C	1750	C	1750							
							L			C	3000	C	3000							
IN PROGRESS																				
STRATEGIC HIGHWAY CORRIDOR																				
VARIOUS STATEWIDE	C-4982	TRANSPORTATION OPERATIONS CENTER TO ALLOW COORDINATED STATE AND REGIONAL TRANSPORTATION FUNCTIONS IN CONJUNCTION WITH THE STATE HIGHWAY PATROL COMMUNICATIONS CENTER AND OTHER EMERGENCY SERVICES PROVIDERS.			6900	6900														
IN PROGRESS																				
VARIOUS STATEWIDE	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.			6702	6702														
IN PROGRESS																				
NORTH CAROLINA DIVISION OF AIR QUALITY STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.			3125		CMAQ	N	500	N	500	N	500	N	500					
							O	N	125	N	125	N	125	N	125	N	125			
IN PROGRESS																				

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STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK													
						"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"				"UNFUNDED"			
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS						
CONGESTION MITIGATION PROJECTS																			
NON-ATTAINMENT AND MAINTENANCE AREAS STATEWIDE	C-5100	SCHOOL BUS DIESEL PARTICULATE FILTER AND CLOSED CASE VENTILATION SYSTEM RETROFITS.	2500		CMAQ	N	2000												
					L	N	500												
ENHANCEMENT PROJECTS																			
VARIOUS STATEWIDE	E-4599	INSTALL RIVER BASIN HIGHWAY SIGNS.	187	187	IN PROGRESS														
VARIOUS STATEWIDE	E-3821	PRESERVE HISTORIC BRIDGES FROM DEMOLITION.	250	250	IN PROGRESS														
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.	16770	8370	NRT	C	1200	C	1200	C	1200	C	1200	C	1200				
VARIOUS STATEWIDE	E-4603	ECOSYSTEMS ENHANCEMENT PROGRAM. STRUCTURED MITIGATION FOR PROTECTION, ENHANCEMENT AND RESTORATION OF ECOLOGICAL FUNCTIONS AS COMPENSATION FOR PROJECT IMPACTS AT THE WATERSHED LEVEL.	625	625	IN PROGRESS														
VARIOUS STATEWIDE	E-4602	GIS ARCHAEOLOGICAL DATABASE. STATEWIDE DATABASE TO CALCULATE ARCHAEOLOGICAL SITES LOCATED WITHIN OR NEAR NCDOT PROJECTS.	750	750	SCHEDULED FOR PLANNING AND PROGRAM DEVELOPMENT ONLY														
ENHANCEMENT PROJECTS (ROADSIDE)																			
VARIOUS STATEWIDE	ER-3611	COLOR CANOPY AND TREE PLANTING STATEWIDE.	9865	3765	STPEL	L	800	L	800	L	900	L	900	L	900				
VARIOUS STATEWIDE	ER-3419	NORTH CAROLINA STATE BYWAYS BOOKLET PRINTING.	50	50	IN PROGRESS														
IN PROGRESS																			

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK																
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	"DELIVERABLE STIP"			"DEVELOPMENTAL STIP"				"UNFUNDED"					
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS					
ENHANCEMENT PROJECTS (ROADSIDE)																		
VARIOUS STATEWIDE	ER-3101	SPECIAL EVENTS PLANTING STATEWIDE.	15375	9775	STPEL	L	800	L	800	L	800	L	800	L	800			
IN PROGRESS																		
VARIOUS STATEWIDE	ER-2973	ROADSIDE BEAUTIFICATION PROJECTS IN ALL FOURTEEN HIGHWAY DIVISIONS.	81958	57458	STPEL	L	3500	L	3500	L	3500	L	3500	L	3500			
IN PROGRESS																		
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.	27947	18147	STPER	C	1400	C	1400	C	1400	C	1400	C	1400			
IN PROGRESS																		
VARIOUS STATEWIDE	ER-3102	IMPLEMENTATION OF STATEWIDE SCENIC BYWAYS PROGRAM.	2900	1850	STPEL	N	150	N	150	N	150	N	150	N	150			
IN PROGRESS																		
VARIOUS STATEWIDE	ER-3100	PLANTING OF WILDFLOWERS AND PERENNIAL BULBS ON FEDERAL-AID SYSTEM.	15700	9000	STPEL	L	850	L	900	L	950	L	1000	L	1000			
STRATEGIC HIGHWAY CORRIDOR																		
BLUE RIDGE PARKWAY STATEWIDE	ER-3817	SCENIC ENHANCEMENT AND VIEWSHED PROTECTION. (101.4 MILES)	2200	2200	IN PROGRESS													
IN ACQUISITION																		
HAZARD ELIMINATION PROJECTS																		
VARIOUS STATEWIDE	SI-4901	NO NEED 2 SPEED SAFETY INITIATIVE. SIGNING, EVALUATION, AND IMPLEMENTATION.	280	280	IMPLEMENTATION IN PROGRESS													
IN PROGRESS																		
VARIOUS STATEWIDE	SI-4735	SAFETY MANAGEMENT INITIATIVES.	1107	1107	IN PROGRESS													
IN PROGRESS																		
VARIOUS STATEWIDE	SI-4900	BLUE STAR MEMORIAL HIGHWAY SIGNING. INSTALL SIGNS AT VARIOUS LOCATIONS STATEWIDE.	250	250	IN PROGRESS													
IN PROGRESS																		
STRATEGIC HIGHWAY CORRIDOR																		
UNDER CONSTRUCTION																		

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STATEWIDE		ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK											
								"DELIVERABLE STIP"				"DEVELOPMENTAL STIP"				"UNFUNDED" FUTURE YEARS			
								FISCAL YEARS											
								FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015					
HAZARD ELIMINATION PROJECTS																			
VARIOUS STATEWIDE	SL-4902	FREEWAY SIGNING INITIATIVE. INSTALL OR REPLACE CRITICAL DIRECTIONAL SIGNS.			200	200													
STRATEGIC HIGHWAY CORRIDOR																			
UNDER CONSTRUCTION																			
VARIOUS STATEWIDE	W-4716	MEDIAN INLET REPLACEMENT PROJECT.			650		HES	C	650										
VARIOUS STATEWIDE	W-4714	RUMBLE STRIPS, SHOULDERS, ROADSIDE SAFETY IMPROVEMENTS, AUXILIARY TURN LANES, RAISED PAVEMENT MARKERS AND PROFILE PAVEMENT MARKINGS.			6050	50	HES			C	1000	C	1000	C	1000	C	1000		
VARIOUS STATEWIDE	W-4715	POSITIVE MEDIAN BARRIER PROJECTS.			4000		HES					C	500	C	500	C	500		
VARIOUS STATEWIDE	W-4447	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.			51500	16500	HES	PE	5000	PE	5000	PE	5000	PE	5000				
IN PROGRESS																			
SAFE ROUTES TO SCHOOLS																			
VARIOUS STATEWIDE	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.			8772	2402	SRTS	N	970	N	900	N	900	N	900	N	900		
IN PROGRESS																			
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL COMSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.			35822	7942	SRTS	C	3880	C	4000	C	4000	C	4000	C	4000		
IN PROGRESS																			
PASSENGER RAIL PROJECTS																			
VARIOUS STATEWIDE	P-4404	SOUTHEAST HIGH SPEED RAIL CORRIDOR. UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE TO THE VIRGINIA STATE LINE VIA RALEIGH AND CHARLOTTE AND THE APEX/CARY BYPASS SEGMENT.			150	150													
STRATEGIC HIGHWAY CORRIDOR																			
IN PROGRESS																			

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STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK											
					FUNDING SOURCE	"DELIVERABLE STIP"			"DEVELOPMENTAL STIP"				"UNFUNDED"			
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS			
PASSENGER RAIL PROJECTS																
VARIOUS STATEWIDE	P-5004	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA GOLDSBORO.	192087	500	T2001	R	1543	R	1043							
					T2001										C 189001	
RIGHT OF WAY IN PROGRESS																
VARIOUS STATEWIDE	P-3809	RAILROAD SAFETY INSPECTIONS IN ALL FOURTEEN (14) DIVISIONS.	7110	3309	RR	I	60	I	62	I	64	I	66	I	68	
					T2001	I	431	I	448	I	466	I	485	I	505	
IN PROGRESS																
VARIOUS STATEWIDE	P-3418	PLANNING, MANAGEMENT AND RESEARCH STUDIES.	11967	6367	T2001	F	800	F	800	F	800	F	800	F	800	
IN PROGRESS																
VARIOUS STATEWIDE	P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	14000	7000	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	
IN PROGRESS																
VARIOUS STATEWIDE	P-3815	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN NEWTON-HICKORY- CONOVER MPO TRAFFIC SEPARATION STUDY.	1620	1620												
UNDER CONSTRUCTION																
VARIOUS STATEWIDE	P-3814	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN SOUTH END SEHSRC TRAFFIC SEPARATION STUDY. RIGHT OF WAY TO BE ACQUIRED BY MUNICIPALITIES.	597	597												
UNDER CONSTRUCTION																
VARIOUS STATEWIDE	P-3812	INSTALLATION AND EVALUATION OF INNOVATIVE CROSSING WARNING DEVICE AT A LOCATION TO BE SELECTED.	105	105												
UNDER CONSTRUCTION																
VARIOUS STATEWIDE	P-4702	MAINTENANCE OF RAILROAD TRACK AND SIGNAL IMPROVEMENTS.	10430	4082	T2001	C	804	C	844	C	884	C	924	C	964	
IN PROGRESS																

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK																		
								"DELIVERABLE STIP"			"DEVELOPMENTAL STIP"				"UNFUNDED"											
								FISCAL YEARS																		
								FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS											
PASSENGER RAIL PROJECTS																										
VARIOUS STATEWIDE	P-3419	SEALED CORRIDOR-SELECTED SEHSRC CROSSINGS. MEDIAN BARRIERS, ARTICULATED GATES, FOUR- QUADRANT GATES, WARNING DEVICE REVISIONS, SIGNAGE AND CAMERA SYSTEMS.	12307	12307	UNDER CONSTRUCTION																					
VARIOUS STATEWIDE	P-4405	PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.	1400	1400	UNDER CONSTRUCTION																					
STRATEGIC HIGHWAY CORRIDOR																										
VARIOUS STATEWIDE	P-3309	AT-GRADE CROSSING ELIMINATION AND IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL FOURTEEN (14) DIVISIONS.	10208	5110	IN PROGRESS																					
								RR	C	329	C	342	C	356	C	370	C	384	C	384	C	384				
								T2001	C	329	C	342	C	356	C	370	C	384	C	384	C	384				
IN PROGRESS																										
VARIOUS STATEWIDE	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.	132357	500	IN PROGRESS																					
								T2001	R	1178	R	678														
								T2001																	C	130001
RIGHT OF WAY IN PROGRESS																										
VARIOUS STATEWIDE	P-4701	CAPACITY AND TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS, NEW EQUIPMENT AND MATCH FOR FEDERAL FUNDS.	117323	65165	RIGHT OF WAY IN PROGRESS																					
								T2001	C	7462	C	7446	C	7450	C	7450	C	7450	C	7450						
IN PROGRESS																										
VARIOUS STATEWIDE	P-4700	RAILROAD STATION REHABILITATION PROJECTS.	22900	6900	IN PROGRESS																					
								STPER	C	2800	C	2600	C	2400	C	2200	C	2000	C	2000	C	2000				
IN PROGRESS																										
VARIOUS STATEWIDE	P-3806	WESTERN NORTH CAROLINA PASSENGER RAIL SERVICE ASHEVILLE AND SALISBURY. ENVIRONMENTAL STUDY, PRELIMINARY ENGINEERING, RIGHT OF WAY, DESIGN, CONSTRUCTION AND EQUIPMENT. (139 MILES)	194472	3441	IN PROGRESS																					
								T2001																	C	191031
STRATEGIC HIGHWAY CORRIDOR			PHASE 1 - COMPLETE; PHASE 2 - UNFUNDED																							

Greensboro Urban Metropolitan Planning Organization Statewide Projects

STATEWIDE		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	<u>"DELIVERABLE STIP"</u>			<u>"DEVELOPMENTAL STIP"</u>				<u>"UNFUNDED"</u>	
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS		
PASSENGER RAIL PROJECTS														
VARIOUS STATEWIDE	SB-4100	SAFE ROADS FOR SAFE SCHOOLS PROGRAM. INSTALL RAIL-HIGHWAY CROSSINGS AT SIXTY LOCATIONS ON SCHOOL BUS ROUTES.	6000	6000										
UNDER CONSTRUCTION														
VARIOUS STATEWIDE	Y-4800	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.	28410	12835	RR	C	2225	C	2225	C	2225	C	2225	
IN PROGRESS														
VARIOUS STATEWIDE	Y-4415	HIGHWAY-RAIL CROSSING INVENTORY.	4306	1925	RR	C	325	C	325	C	338	C	343	C
IN PROGRESS														
VARIOUS STATEWIDE	Y-4100	HIGHWAY-RAIL CROSSINGS SAFETY IMPROVEMENTS AND INVENTORY (FFY 00 AND 01), PASSENGER ROUTES.	4100	4100										
UNDER CONSTRUCTION														
VARIOUS STATEWIDE	Y-9999	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS, PASSENGER ROUTES.	11732	8315	RR	C	490	C	490	C	489	C	487	C
STRATEGIC HIGHWAY CORRIDOR														
IN PROGRESS														
VARIOUS STATEWIDE	Z-4100	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS AND INVENTORY.	9000	9000										
IN PROGRESS														
VARIOUS STATEWIDE	Z-4500	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS.	71162	25511	RR	C	6566	C	6548	C	6528	C	6509	C
IN PROGRESS														
CSX "S" LINE STATEWIDE	P-3816	RIDGEWAY-APEX-DURHAM, ACQUIRE RAIL RIGHT OF WAY AND TRACK. (86 MILES)	100	100										
IN PROGRESS														
CSX STATEWIDE	P-5005	HIGH PRIORITY NORTH-SOUTH RAIL CORRIDOR OF THE FUTURE.	48000	12000	T2001	C	4000	C	4000	C	4000			
					O	C	8000	C	8000	C	8000			
IN PROGRESS														

Greensboro Urban Metropolitan Planning Organization Statewide Projects

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK													
			TOTAL PRIOR		FISCAL YEARS											
			PROJ YEARS		<u>"DELIVERABLE STIP"</u>			<u>"DEVELOPMENTAL STIP"</u>				<u>"UNFUNDED"</u>				
STATEWIDE			COST	COST	FUNDING								FUTURE YEARS			
ROUTE/CITY	ID	LOCATION / DESCRIPTION	(THOU)	(THOU)	SOURCE	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015				
COUNTY	NUMBER	(LENGTH)														
PASSENGER RAIL PROJECTS																
NCRR	P-3414	TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS BETWEEN RALEIGH AND CHARLOTTE AND MATCH FEDERAL FUNDS.	61500	61500												
STATEWIDE																
STRATEGIC HIGHWAY CORRIDOR					IN PROGRESS											
NCRR-CSX	P-3819	FEDERALLY-DESIGNATED HIGH SPEED RAIL CORRIDOR BETWEEN CHARLOTTE AND VIRGINIA STATE LINE, ENVIRONMENTAL STUDY, PRELIMINARY ENGINEERING, RIGHT OF WAY, DESIGN AND CONSTRUCTION. (260 MILES)	2034373	8523	O	PE	1050	PE	1000							
STATEWIDE					O				R	1300						
					T2001				R	500						
					T2001								C 2022000			
STRATEGIC HIGHWAY CORRIDOR					IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)																
VARIOUS	K-4704	INTERSTATE REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.	8495	1895	IM	C	800	C	800	C	1000					
STATEWIDE									C	1000	C	1000	C	1000	C	1000
STRATEGIC HIGHWAY CORRIDOR					IN PROGRESS											
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)																
VARIOUS	L-1000	REPLACEMENT PLANTS AT SELECTED LOCATIONS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	2352	1662	PLF	L	90	L	100	L	100					
STATEWIDE									L	100	L	100	L	100	L	100
STRATEGIC HIGHWAY CORRIDOR					IN PROGRESS											
VARIOUS	L-2500	COLOR AND CANOPY AND TREE PLANTING.	6068	1968	PLF	L	500	L	600	L	600					
STATEWIDE									L	600	L	600	L	600	L	600
STRATEGIC HIGHWAY CORRIDOR					IN PROGRESS											
VARIOUS	L-2133	PLANTING OF PERENNIAL BULBS AND WILDFLOWERS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	13542	8042	PLF	L	700	L	800	L	800					
STATEWIDE									L	800	L	800	L	800	L	800
					IN PROGRESS											

Greensboro Urban Metropolitan Planning Organization Statewide Projects

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK											
						FISCAL YEARS								
STATEWIDE			TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	<u>"DELIVERABLE STIP"</u>			<u>"DEVELOPMENTAL STIP"</u>				<u>"UNFUNDED"</u>	
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)				FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS	
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)														
STATEWIDE	S-5001	NORTH CAROLINA SCENIC BYWAYS LAND CONSERVATION INITIATIVE TO IMPLEMENT RESOURCE PROTECTION AND HERITAGE TOURISM DEVELOPMENT TO ENHANCE AND PRESERVE SCENIC VISTAS AND TOURISM CORRIDORS ALONG 26 OF NORTH CAROLINA'S SCENIC BYWAYS.	316	316										
IN PROGRESS														
PUBLIC TRANSPORTATION PROJECTS														
STATEWIDE	TB-4900	PROVIDE FUNDS FOR THE PURCHASE OF CAPITAL EQUIPMENT TO SUPPORT HUMAN SERVICE AND GENERAL PUBLIC TRANSPORTATION SERVICES PROVIDED BY COMMUNITY TRANSPORTATION SYSTEMS.	43055		L	CP	861	CP	861	CP	861			
					STCP	CP	7750	CP	7750	CP	7750			
									CP	861	CP	861		
									CP	7750	CP	7750		
STATEWIDE	TF-4900	PROVIDE FUNDS TO CONSTRUCT AND/OR IMPROVE PUBLIC TRANSPORTATION FACILITIES IN RURAL AREAS.	3330		L	CP	66	CP	66	CP	66			
					SFCP	CP	600	CP	600	CP	600			
									CP	66	CP	66		
									CP	600	CP	600		
STATEWIDE	TI-4900	STATEWIDE PROGRAM TO PROVIDE OPERATING ASSISTANCE TO EXPAND AND IMPROVE REGIONAL AND INTER-CITY PUBLIC TRANSPORTATION	4000		FNU	O	400	O	400	O	400			
					RIMA	O	400	O	400	O	400			
									O	400	O	400		
									O	400	O	400		
STATEWIDE	TK-4900Z	PROVIDE FUNDS TO SUPPORT THE ON-GOING ADMINISTRATION AND CAPITAL FOR PUBLIC TRANSPORTATION SERVICES IN RURAL AND SMALL URBAN AREAS. INCLUDES TRANSFER FROM SECTION 5310 ELDERLY AND PERSONS WITH DISABILITIES PROGRAM.	114890		FNU	AD	18382	AD	18382	AD	18382			
					L	AD	3217	AD	3217	AD	3217			
					STAT	AD	1379	AD	1379	AD	1379			
									AD	18382	AD	18382		
									AD	3217	AD	3217		
									AD	1379	AD	1379		
STATEWIDE	TM-5112	PROVIDE FUNDING FOR NEW PUBLIC TRANSPORTATION SERVICES BEYOND THOSE REQUIRED BY ADA THAT ASSIST INDIVIDUALS WITH DISABILITIES.	8320		FNF	O	832	O	832	O	832			
					L	O	832	O	832	O	832			
									O	832	O	832		
									O	832	O	832		
STATEWIDE	TM-5103	JOB ACCESS/REVERSE COMMUTE IN RURAL AREAS.	13780		JARC	O	1378	O	1378	O	1378			
					L	O	1378	O	1378	O	1378			
									O	1378	O	1378		
									O	1378	O	1378		

Greensboro Urban Metropolitan Planning Organization Statewide Projects

		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												
					FISCAL YEARS									
STATEWIDE		TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	<u>"DELIVERABLE STIP"</u>			<u>"DEVELOPMENTAL STIP"</u>				<u>"UNFUNDED"</u>		
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS		
PUBLIC TRANSPORTATION PROJECTS														
STATEWIDE	TM-5001	NEW FREEDOM CAPITAL AND OPERATING COST.												
IN PROGRESS														
STATEWIDE	TM-5000	JOB ACCESS / REVERSE COMMUTE CAPITAL, PLANNING AND OPERATIONAL COST.												
IN PROGRESS														
STATEWIDE	TM-4900	PROVIDE ADMINISTRATIVE ASSISTANCE FOR COMMUNITY TRANSPORTATION SYSTEMS.	15880		HSTM AD 2700 L AD 476	AD 2700 AD 476	AD 2700 AD 476	AD 2700 AD 476	AD 2700 AD 476					
STATEWIDE	TP-4901	STATEWIDE PLANNING AND RESEARCH PROGRAM TO PROVIDE STATE ADMINISTRATION AND PLANNING ASSISTANCE FOR THE URBANIZED AREAS OF GREATER THAN 50,000 POPULATION.	1850		FSPR PL 296 STAT PL 74	PL 296 PL 74	PL 296 PL 74	PL 296 PL 74	PL 296 PL 74					
STATEWIDE	TP-4900	PLANNING PROGRAM (SECTION 5303) TO SUPPORT THE PLANNING ACTIVITIES OF MPOS ACROSS THE STATE.	7095		FMPL PL 1135 L PL 142 STAT PL 142	PL 1135 PL 142 PL 142	PL 1135 PL 142 PL 142	PL 1135 PL 142 PL 142	PL 1135 PL 142 PL 142					
STATEWIDE	TQ-4900	PROVIDE FUNDS FOR STATE ADMINISTRATION OF THE PROGRAM AND SUPPORT OF ONGOING PUBLIC TRANSPORTATION PLANNING ACTIVITIES IN RURAL AND SMALL URBAN AREAS.	12500		FNU PL 2000 L PL 250 STAT PL 250	PL 2000 PL 250 PL 250	PL 2000 PL 250 PL 250	PL 2000 PL 250 PL 250	PL 2000 PL 250 PL 250					
STATEWIDE	TS-4900	STATEWIDE PROGRAM TO DEVELOP AND IMPLEMENT TRAINING AND OTHER SUPPORT SERVICES FOR RURAL, SMALL URBAN AREA AND PARATRANSIT OPERATIONS.	1205		L AD 24 RTAP AD 217	AD 24 AD 217	AD 24 AD 217	AD 24 AD 217	AD 24 AD 217					
STATEWIDE	TT-4900	PROVIDE FUNDING FOR THE PURCHASE OF ADVANCED TECHNOLOGIES IN URBAN AREAS THAT WILL INCREASE OVERALL SYSTEM EFFICIENCY AND EFFECTIVENESS.	8890		L CP 178 UTCH CP 1600	CP 178 CP 1600	CP 178 CP 1600	CP 178 CP 1600	CP 178 CP 1600					

Greensboro Urban Metropolitan Planning Organization Statewide Projects

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK												
						FISCAL YEARS									
STATEWIDE			TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	<u>"DELIVERABLE STIP"</u>			<u>"DEVELOPMENTAL STIP"</u>				<u>"UNFUNDED"</u>		
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)				FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS		
<u>PUBLIC TRANSPORTATION PROJECTS</u>															
STATEWIDE	TU-4900	PROVIDE FUNDING FOR THE PURCHASE OF COMPUTERS AND ADVANCED TECHNOLOGIES IN RURAL AREAS THAT WILL INCREASE OVERALL SYSTEM EFFICIENCY AND EFFECTIVENESS.	2775			L	CP	55	CP	55	CP	55	CP	55	
						RTCH	CP	500	CP	500	CP	500	CP	500	
STATEWIDE	TV-4903	PROVIDE OPERATING ASSISTANCE FOR SERVICE TO THE ELDERLY AND DISABLED.	10460			FED	O	1046	O	1046	O	1046	O	1046	
						STAT	O	1046	O	1046	O	1046	O	1046	

Public Transportation Element

Metropolitan Transportation Improvement
Program

FY 2009 - FY 2015

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION

KEY TO PUBLIC TRANSPORTATION PROJECTS

Project Types (Indicated in Project ID No.)

C	CMAQ
TA	Transit Vehicles
TD	Transit Facilities
TE	New Starts Transit Projects
TG	Transit Routine Capital & Preventive Maintenance
TM	Miscellaneous Transit
TP	Transit Planning
NA	Project Type Not Yet Assigned

Funding Sources

CMAQ	Congestion Mitigation Air Quality	L	Local
EDTAP	State Elderly and Disabled Transportation	OAWF	Operating Assistance - Work First
FBUS	Capital Program – Bus Earmark (5309)	RGP	Rural General Public Program
FCF	Clean Fuel Formula (5308)	RIMA	Regional and Inter-City Maintenance Assist.
FED	Federal (unfunded)	RTAP	Rural Transit Assistance Program
FMPL	Metropolitan Planning (5303)	RTCH	Rural Technology
FNS	Capital Programs – New Start (5309)	SFCP	State Rural Facility Program
FNU	Nonurbanized Area Formula Program (5311)	SMAP	State Maintenance Assistance Program
FSPR	State Planning and Research (5313)	STAT	State
FUZ	Urbanized Area Formula Program (5307)	STATN	State New Start Match
HSTM	State Administrative Assist. – Human Services	STCP	State Rural Capital Program
JARC	Job Access and Reverse Commute (3037)	UTCH	Urban Technology

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Funded Projects

TIP ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2009									
TA-4974	T019	GUILFORD	GREENSBORO	1 HYBRID BUS	714	CAPITAL	FBUS	593	FFY 09
						CAPITAL	STAT	57	FFY 09
						CAPITAL	L	64	FFY 09
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS—TRANSIT SECURITY ENHANCEMENTS (1%)	45	CAPITAL	FUZ	36	FFY 09
						CAPITAL	L	9	FFY 09
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 09
						CAPITAL	L	767	FFY 09
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 09
						CAPITAL	L	89	FFY 09
TO-4951	T019	GUILFORD	GREENSBORO	UNIVERSITY AND COLLEGE RELATED SERVICES OPERATION COSTS-CMAQ FUNDS TRANSFERRED TO FTA FROM PROJECT C-4935	1,158	OPERATIONS	FUZ (CMAQ)	926	FFY 09
						OPERATIONS	L	232	FFY 09
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 09
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 09
						PLANNING/DESIGN	STAT	13	FFY 09
						PLANNING/DESIGN	L	13	FFY 09
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/PLANNING	JARC	130	FFY 09
						CAPITAL/OPERATIONS/PLANNING	L	130	FFY 09
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 09
						CAPITAL/OPERATIONS	L	83	FFY 09
TT-4913	T019	GUILFORD	GREENSBORO	TECHNOLOGY IMPROVEMENTS FOR FIXED ROUTE VEHICLES AND PARATRANSIT VEHICLES	889	CAPITAL	FBUS	711	FFY 09
						CAPITAL	STAT	89	FFY 09
						CAPITAL	L	89	FFY 09
Greensboro Transit Authority: Fiscal Year 2010									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS— TRANSIT SECURITY ENHANCEMENTS (1%)	45	CAPITAL	FUZ	36	FFY 10
						CAPITAL	L	9	FFY 10
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 10
						CAPITAL	L	767	FFY 10
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 10
						CAPITAL	L	89	FFY 10
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 10
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 10
						PLANNING/DESIGN	STAT	13	FFY 10
						PLANNING/DESIGN	L	13	FFY 10

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Funded Projects

ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2010									
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 10
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 10
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 10
						CAPITAL/OPERATIONS	L	83	FFY 10
Greensboro Transit Authority: Fiscal Year 2011									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS—TRANSIT SECURITY ENHANCEMENTS (1%)	45	CAPITAL	FUZ	36	FFY 11
						CAPITAL	L	9	FFY 11
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 11
						CAPITAL	L	767	FFY 11
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 11
						CAPITAL	L	89	FFY 11
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 11
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 11
						PLANNING/DESIGN	STAT	13	FFY 11
						PLANNING/DESIGN	L	13	FFY 11
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 11
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 11
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 11
						CAPITAL/OPERATIONS	L	83	FFY 11
Greensboro Transit Authority: Fiscal Year 2012									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS— TRANSIT SECURITY ENHANCEMENT (1%)	45	CAPITAL	FUZ	36	FFY 12
						CAPITAL	L	9	FFY 12
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,713	CAPITAL	FUZ	2,967	FFY 12
						CAPITAL	L	742	FFY 12
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 12
						CAPITAL	L	89	FFY 12
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 12
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	250	PLANNING/DESIGN	FUZ	200	FFY 12
						PLANNING/DESIGN	STAT	25	FFY 12
						PLANNING/DESIGN	L	25	FFY 12
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 12
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 12
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 12
						CAPITAL/OPERATIONS	L	83	FFY 12

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Funded Projects

ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2013									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS—TRANSIT SECURITY ENHANCEMENT (1%)	45	CAPITAL	FUZ	36	FFY 13
						CAPITAL	L	9	FFY 13
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 13
						CAPITAL	L	767	FFY 13
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 13
						CAPITAL	L	89	FFY 13
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 13
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 13
						PLANNING/DESIGN	STAT	13	FFY 13
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 13
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 13
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 13
						CAPITAL/OPERATIONS	L	83	FFY 13
Greensboro Transit Authority: Fiscal Year 2014									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS—TRANSIT SECURITY ENHANCEMENT (1%)	45	CAPITAL	FUZ	36	FFY 14
						CAPITAL	L	9	FFY 14
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 14
						CAPITAL	L	767	FFY 14
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 14
						CAPITAL	L	89	FFY 14
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 14
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 14
						PLANNING/DESIGN	STAT	13	FFY 14
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 14
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 14
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 14
						CAPITAL/OPERATIONS	L	83	FFY 14
Greensboro Transit Authority: Fiscal Year 2015									
TG-4758	T019	GUILFORD	GREENSBORO	ROUTINE CAPITAL ITEMS—TRANSIT SECURITY ENHANCEMENT (1%)	45	CAPITAL	FUZ	36	FFY 15
						CAPITAL	L	9	FFY 15
TG-4759	T019	GUILFORD	GREENSBORO	PREVENTIVE MAINTENANCE	3,838	CAPITAL	FUZ	3,067	FFY 15
						CAPITAL	L	767	FFY 15
TG-4957	T019	GUILFORD	GREENSBORO	OPERATING EXPENSES OF ADA-COMPLEMENTARY PARATRANSIT SERVICE	445	CAPITAL	FUZ	356	FFY 15
						CAPITAL	L	89	FFY 15
TO-4971	T019	GUILFORD	GREENSBORO	OPERATING ASSISTANCE	1,831	OPERATIONS	SMAP	1,831	FFY 15

**GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Funded Projects**

ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2015									
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 15
						PLANNING/DESIGN	STAT	13	FFY 15
						PLANNING/DESIGN	L	13	FFY 15
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 15
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 15
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 15
						CAPITAL/OPERATIONS	L	83	FFY 15
Greensboro Transit Authority: Fiscal Year 2015									
TP-4712	T019	GUILFORD	GREENSBORO	TRANSIT PLANNING ASSISTANCE	126	PLANNING/DESIGN	FUZ	100	FFY 15
						PLANNING/DESIGN	STAT	13	FFY 15
						PLANNING/DESIGN	L	13	FFY 15
TC-4705	T019	GUILFORD	GREENSBORO	CAPITAL, OPERATIONS, AND/OR PLANNING COSTS FOR JOB ACCESS/REVERSE COMMUTE SERVICES IN THE GREENSBORO URBAN AREA	260	CAPITAL/OPERATIONS/ PLANNING	JARC	130	FFY 15
						CAPITAL/OPERATIONS/ PLANNING	L	130	FFY 15
TN-4706	T019	GUILFORD	GREENSBORO	NEW FREEDOM CAPITAL AND / OR OPERATION COST. (CAPITAL AND/OR OPERATIONS COSTS FOR NEW PUBLIC TRANSPORTATION SERVICES, BEYOND THOSE REQUIRED BY ADA, THAT ASSIST INDIVIDUALS WITH DISABILITIES)	166	CAPITAL/OPERATIONS	FNF	83	FFY 15
						CAPITAL/OPERATIONS	L	83	FFY 15
Guilford County Transportation and Mobility Services: Fiscal Years 2009-2015									
TJ-4940	T019	GUILFORD	GUILFORD COUNTY	PROVIDE OPERATING ASSISTANCE TO COUNTIES AND COMMUNITY TRANSPORTATION SYSTEMS TO MEET WORK FIRST AND EMPLOYMENT TRANSPORTATION NEEDS.	392	OPERATIONS	OAWF	392	FY 09 10 11 12 13 14 15
TL-4940	T019	GUILFORD	GUILFORD COUNTY	PROVIDE OPERATING ASSISTANCE FOR ADDITIONAL TRANSPORTATION SERVICES TO THE ELDERLY AND DISABLED.	1,134	OPERATIONS	EDTAP	1134	FY 09 10 11 12 13 14 15
TR-4940	T019	GUILFORD	GUILFORD COUNTY	PROVIDE MAINTENANCE ASSISTANCE FOR COMMUNITY TRANSPORTATION SYSTEMS TO SERVE THE RURAL GENERAL PUBLIC.	476	OPERATIONS	RGP	476	FY 09 10 11 12 13 14 15
Piedmont Authority for Regional Transportation: Fiscal Years 2009-2015									
TA-4973	T019	GUILFORD ALAMANCE	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	PROCUREMENT OF BUSES AND SUPPORT FACILITIES FOR SERVICE IN ELON AREA	339	CAPITAL	FBUS	271	FY 09
						CAPITAL	STAT	34	FY 09
						ADMINISTRATION	L	34	FY 09
TD-4723	T019	GUILFORD FORSYTH	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	REGIONAL MULTI-MODAL TRANSPORTATION CENTER	15,291	CAPITAL	FBUS	5,233	FY 09 10
						CAPITAL	FEDU	7,000	FY 11
						CAPITAL	STAT	1,529	FY 09 10 11
						CAPITAL	L	1,529	FY 09 10 11
TE-4710	T019	GUILFORD FORSYTH	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	FEDERAL EARMARK E2007-ALTA-007 CORRIDOR STUDY STATION AREA AND LAND USE DEVELOPMENT PLANNING.	1,250	PLANNING/DESIGN	FBUS	1,000	FY 09
							STAT	125	FY 09
						CAPITAL	L	125	FY 09

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Unfunded Projects

TIP ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	PRIOR YRS. COST	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2009										
TD-4915A	T019	GUILFORD	GREENSBORO	ACQUIRE LAND AND CONSTRUCT NEW BUS OPERATIONS, MAINTENANCE, AND ADMINISTRATIVE FACILITY. (MULTI-YEAR PROJECT; FUNDED FOR LAND & DESIGN; REMAINING PHASES ARE UNFUNDED.)	20,000	2,513	CAPITAL CAPITAL CAPITAL	FED STAT L	13,989 1,749 1,749	FFY 09 FFY 09 FFY 09
Greensboro Transit Authority: Fiscal Year 2010										
TA-4767B	T019	GUILFORD	GREENSBORO	13- REPLACEMENT SMALL BUSES	884		CAPITAL CAPITAL CAPITAL	FED STAT L	734 71 80	FFY 10 FFY 10 FFY 10
TD-4915B		GUILFORD	GREENSBORO	ACQUIRE LAND AND CONSTRUCT NEW BUS OPERATIONS, MAINTENANCE, AND ADMINISTRATIVE FACILITY. (MULTI-YEAR PROJECT; FUNDED FOR LAND & DESIGN; REMAINING PHASES ARE UNFUNDED.)	20,000	2,513	CAPITAL CAPITAL CAPITAL	FED STAT L	13,989 1,749 1,749	FFY 10 FFY 10 FFY 10
Greensboro Transit Authority: Fiscal Year 2011										
TA-4767A	T019	GUILFORD	GREENSBORO	11- REPLACEMENT SMALL BUSES	770		CAPITAL CAPITAL CAPITAL	FED STAT L	639 62 69	FFY 11 FFY 11 FFY 11
TA-4937	T019	GUILFORD	GREENSBORO	14-EXPANSION BUSES (HEAT: 7 SMALL AND 7 MIDSIZE)	1,800		CAPITAL CAPITAL CAPITAL	FED STAT L	1,494 144 162	FFY 11 FFY 11 FFY 11
TA-4914	T019	GUILFORD	GREENSBORO	4-EXPANSION BUSES	1,540		CAPITAL CAPITAL CAPITAL	FED STAT L	1,278 123 139	FFY 11 FFY 11 FFY 11
TD-4915C	T019	GUILFORD	GREENSBORO	ACQUIRE LAND AND CONSTRUCT NEW BUS OPERATIONS, MAINTENANCE, AND ADMINISTRATIVE FACILITY. (MULTI-YEAR PROJECT; FUNDED FOR LAND & DESIGN; REMAINING PHASES ARE UNFUNDED.)	20,000	2,513	CAPITAL CAPITAL CAPITAL	FED STAT L	13,989 1,749 1,749	FFY 11 FFY 11 FFY 11
Greensboro Transit Authority: Fiscal Year 2012										
TA-4767B	T019	GUILFORD	GREENSBORO	24- REPLACEMENT SMALL BUSES	1,920		CAPITAL CAPITAL CAPITAL	FED STAT L	1,594 153 173	FFY 12 FFY 12 FFY 12
TA-4914	T019	GUILFORD	GREENSBORO	4- EXPANSION BUSES	1,540		CAPITAL CAPITAL CAPITAL	FED STAT L	1,278 123 139	FFY 12 FFY 12 FFY 12
Greensboro Transit Authority: Fiscal Year 2013										
TA-4771	T019	GUILFORD	GREENSBORO	10 - REPLACEMENT BUSES	3,850		CAPITAL CAPITAL CAPITAL	FED STAT L	3,196 308 347	FFY 13 FFY 13 FFY 13
TA-4767B	T019	GUILFORD	GREENSBORO	13 - REPLACEMENT SMALL BUSES	1,170		CAPITAL CAPITAL CAPITAL	FED STAT L	971 94 105	FFY 13 FFY 13 FFY 13

GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION
Public Transportation Unfunded Projects

TIP ID NO.	PROJECT NO	ID COUNTY	CITY / ENTITY	LOCATION AND DESCRIPTION	TOTAL EST. COST (THOU)	PRIOR YRS. COST	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
Greensboro Transit Authority: Fiscal Year 2014										
TA-4771	T019	GUILFORD	GREENSBORO	10 - REPLACEMENT BUSES	3,850		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FED STAT L	3,196 308 347	FFY 14 FFY 14 FFY 14
TA-4767B	T019	GUILFORD	GREENSBORO	13 - REPLACEMENT SMALL BUSES	1,170		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FED STAT L	971 94 105	FFY 14 FFY 14 FFY 14
Greensboro Transit Authority: Fiscal Year 2015										
TA-4771	T019	GUILFORD	GREENSBORO	10 - REPLACEMENT BUSES (HEAT)	1,680		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FED STAT L	1,395 134 151	FFY 15 FFY 15 FFY 15
Piedmont Authority for Regional Transportation: Fiscal Years 2009-2015										
TA-4991	T019	GUILFORD FORSYTH	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	EXPANSION BUSES	7,400		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FEDU STAT L	5,920 740 740	FY 09 FY 09 FY 09
TE-4708	T019	GUILFORD FORSYTH	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	EAST-WEST LOCALLY PREFERRED ALTERNATIVE SELECTION CORRIDOR I. PRELIMINARY ENGINEERING AND DESIGN FY 2009-2013. LAND ACQUISITION AND PROJECT MANAGEMENT FY 2014-2016 VEHICLE PURCHASES POST YEAR.	321,000		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FED STAT L	164,000 78,500 78,500	FY 09 10 12 13 14 15 PY FY 09 10 12 13 14 15 PY FY 09 10 12 13 14 15 PY
TD-4920	T019	GUILFORD FORSYTH	PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION	REGIONAL PARK AND RIDE DEVELOPMENT. TOTAL PROJECT COST SHOWN FOR PROJECTS IN PART TERRITORIAL JURISDICTION.	3,750		CAPITAL CAPITAL CAPITAL UNFUNDED PROJECT	FED STAT L	3,000 375 375	FY 09 FY 09 FY 09

Resumen del MTIP 2009-2015

(Traducción al español)

Resumen Ejecutivo
Resumen Principal de Tablas de Proyectos
Boletín del Proyecto

Resumen del MTIP 2009-2015 en Español

Esta sección del MTIP 2009-2015 incluye el resumen del material traducido al español. Los materiales traducidos incluyen: Resumen Ejecutivo, Resumen Principal de Tablas de Proyectos y Boletín informativo de Actualización del Proyecto de Transporte.

Si necesita más información traducida, por favor póngase en contacto con un representante de la ciudad a través del (336) 373 -2489 y pregunte por Lydia McIntyre.

RESUMEN EJECUTIVO

El Definitivo del Programa de Mejoría para el Transporte Metropolitano (MTIP por sus siglas en inglés) de 2009-2015 es una lista detallada de los proyectos de transporte para el área urbana de Greensboro que cuentan con fondos estatales y federales. El área urbana de Greensboro incluye la ciudad de Greensboro y gran parte del condado Guilford, con excepción de las áreas al este: Burlington/Gibsonville/Whitsett y las del sudoeste: High Point/ Jamestown

Todos los proyectos con financiamiento estatal y federal para el estado de Carolina del Norte, incluyendo el preliminar del área urbana MTIP de Greensboro, son parte del programa de mejoría para el transporte en todo el estado (STIP). Los tipos de proyectos relacionados en STIP y MTIP incluyen los de carretera, mejoras, transporte público, ferrocarril, ciclos y peatones, y el programa del gobernador para la seguridad en la carretera. El MTIP preliminar ha sido elaborado por el MPO con la cooperación de NCDOT y debe ser aprobado por ambos.

Noviembre del 2007, NCDOT hizo público el STIP preliminar para 2009-2015 con el fin de obtener comentarios y revisión pública. Usted puede informarse sobre el STIP a través del enlace siguiente: <http://www.ncdot.org/planning/development/TIP/TIP/Trans/division7.html>. También se exige que el MPO haga público el MTIP (proyectos de área urbana en Greensboro) preliminar para 2009-2015 con el fin de obtener comentarios y revisión pública.

En los últimos años el estado de Carolina del Norte ha experimentado un déficit de financiación en los proyectos de transporte. Muchos factores han contribuido al déficit, pero entre los principales se encuentran el incremento en los costos de construcción y la caída de los ingresos. En general, a los proyectos del MPO del área urbana de Greensboro les fue relativamente bien a pesar del déficit de financiación del estado. El siguiente resumen principal de tablas de proyectos ofrece una descripción del estado de los fondos financieros e incluye el calendario de trabajo para los proyectos principales. Varios proyectos fueron retrasados, incluyendo el de High Point Road, West Market Street, y de la circunvalación que rodea la parte del este de la zona urbana desde US 29 hasta US 70.

Resumen Principal de Tablas de Proyectos
Definitivo MTIP 2009-2015

TIP ID	Descripcion y cambios en los proyectos	Itinerario de Financiamiento
Proyectos Atrasados		
I-4715	I-40/I-85 de la US 29 hasta el Desvío de la I-85 molicion y repavimentacion.	En progreso
U-2525	Eastern Urban Loop Costo estimado del proyecto \$296,732,000 (aumento de \$18,132,000) .	
	Segment A desde el sur de Clapp Farms hasta la US 70.	Completado
	^{PN} Segment B desde US 70 hasta US 29. <i>CST atrasado del 2011.</i>	ROW 09-10 CST 13-PY
	^{PN} Segment C desde US 29 hasta Lawndale Drive. <i>No hay cambios programados.</i>	ROW PY CST PY
	^{PN} Segment D Interseccion en la propuesta Extension de Cone Boulevard	CST PY
U-2412	^{PN} High Point Road	
	Section A desde el Desvio US 311 hasta Vickrey Chapel Road. <i>Derecho a la via no cambia, La construccion se ha atrasado por un año.</i>	ROW 09-10 CST 13-15
	Section B desde Vickrey Chapel hasta Hilltop Road. <i>Derecho a la via no cambia, La construccion se ha atrasado por un año.</i>	ROW 09-10 CST 12-15
	Section AE Interseccion de la Western Urban Loop a la altura de la propuesta relocalizacion de la High Point Road, <i>La construccion se ha atrasado por un año. Costo estimado del proyecto \$14,600,000.</i>	ROW 09 CST 12
U-2524	^{PN} West Market Street desde la NC 68 hasta la Bunker Hill Road en Colfax. Costo estimado del proyecto \$21,892,000. <i>Se han atrasados la ROW y la CST por un año</i>	ROW 09 CST 11-13
R-2611		
Proyectos a tiempo o proyectos sin cambios programados		
I-4921	US 220/Future I-73 desde Asheboro (W. Presnell) hasta I-85 en Greensboro. Mejoras para cumplir con los estandares interestatales. Costo estimado del proyecto \$65,600,000.	ROW PY CST PY
I-4924	I-73/I-74 Connector desde Winston-Salem Corredor hacia el norte de Kernersville hasta NC 68. <i>Tan solo para planificacion y estudio ambiental.</i>	
U-2524	Western Urban Loop Costo estimado del proyecto \$612,423,000.	
	Section A desde I-85 hasta I-40.	Completado
	Section B desde I-40 hasta Bryan Boulevard.	Completado
	^{PN} Section C & D desde Bryan Boulevard hasta Lawndale Drive.	ROW PY CST PY
	^{PN} Section F Interseccion en la Extension propuesta en la Lewiston-Fleming Road	CST PY
U-4711	^{PN} Greensboro Signal / ITS System Reemplazo Costo estimado del proyecto \$25,550,000 (aumento de \$2,000,000).	CST 09
U-4015	Gallimore Dairy Road Ensanchamiento desde NC 68 hasta Market Street. Costo estimado del proyecto \$12,093,000 (aumento de \$2,238,000)	
	Section A desde la NC 68 hasta I-40.	ROW PY CST PY
	Section B I-40 hasta West Market Street. \$2,347,000 remuneracio a la ciudad	CST Complete
U-4750	^{PN} Hornaday Road Puente Extension de Hornaday Road, excluye la construccion de la carretera. Costo estimado del proyecto \$6,700,000.	CST 09
U-4006	^{PN} Bridford Parkway Extension desde Hornaday Road hasta Burnt Poplar Road. Costo estimado del proyecto \$17,965,000 (aumento de \$1,025,000)	ROW 07 CST 09-11
U-2581B	^{PN} US 70 desde Mt. Hope Church Road hasta Rock Creek Dairy Road y Rock Creek Dairy Road hasta Burlington.	
R-2910	<i>Tan solo para planificacion y estudio ambiental. Costo estimado del proyecto \$15,000,000.</i>	ROW PY CSY PY
U-3617	East Mountain Street/West Market Street desde NC 66 en Kernersville a Crosscreek Road en Colfax. Widen to Multi-lanes. Estimated project cost \$19,900,000.	ROW PY CST PY
U-5003	^{PN} Pegg-Thatcher Widening & Grade Separation at I-40 desde W. Market St. hasta Gallimore Dairy Road. Estimated project cost \$25,600,000.	ROW PY CST PY
R-2413	^{PN} US 220/NC 68 Connector Estimated project cost \$190,788,000 (aumento de \$10,617,000).	
	Segment A nuevo alineamiento desde Pleasant Ridge Road a Brookbank Road.	ROW 10-11 CST 13-PY
	Segment B nuevo alineamiento desde Brookbank Road a US 220 hasta el sur del Rio Haw .	ROW 10-11 CST 13-PY
	Segment C ensanchamiento a la US 220 desde el Condado de Rockingham hasta el sur del Rio Haw	CST 10-13

2009, etc. ROW = Derecho de via por sus siglas en ingles CST = Construccion PY = Financiamiento por Año a continuacion 2016 o mas PN = proyecto por necesidad prioritaria

Resumen Principal de Tablas de Proyectos
Definitivo MTIP 2009-2015

TIP ID	Descripcion y Cambios al Proyecto	Itinerario de Financiamiento
Proyectos a tiempo o proyectos sin cambios programados		
R-2612	PN US 421 construccion de las intersecciones en Woody Mill Road y Neelley Road . Costo estimado del proyecto \$35,706,000 (aumento de \$14,855,000).	ROW 09 / 12 CST 10-11 / 14-15
R-4707	PN US 29 / Reedy Fork Parkway Interseccion Costo estimado del proyecto \$20,450,000.	ROW PY CST PY
R-0952B	BUS I-40/US 421 desde oeste del US 158 en el Condado de Forsythe hasta el oeste de Sandy Ridge en Condado de Guilford. Pavimentacion y puente. Costo estimado del proyecto \$54,381,000.	ROW PY CST PY
R-2309AB	PN US 220 Widening desde Horse Pen Creek Road hasta el Conector US 220/NC 68. Costo estimado del proyectot \$54,594,000 (aumento \$4,025,000).	ROW 08 CST 10-12
R-2577	US 158 Widening desde el norte de la I-40/US 412 Business en Winston-Salem hasta US 220. <i>No hay cambio</i>	ROW PY CST PY
R-2580A	US 158 Widening desde US 220 hasta US 29 Business (Freeway Drive). Costo estimado del proyectot \$80,200,000.	ROW PY CST PY
EB-4709A	PN Battleground Via Ferrocarrilera desde Pisgah Church Road hasta Markland Drive.	CST 08-09
EB-4709B	PN Battleground Via Ferrocarrilera desde Markland Drive hasta Lee Street.	CST 09-11
Bajo Construcción y Proyectos Cancelados		
I-4907	I-40/I-85 desde Rock Creek Dairy road hasta Mt. Hope Church road - molicion y repavimiento	Completado
U-2913A/B	Guilford College Road desde High Point Road hasta Ruffin Road	Completado
U-3612	Hilltop Road desde Guilford College Road hasta Adams farm Parkway	Completado
U-3313	Groometown Road Vandalia/Wayne Road hasta Grandover Parkway	En progreso
U-2815C	Bryan Boulevard Relocalizacion al PTIA. <i>Costo Total del Proyecto</i> \$51,210,000.	En progreso
Proyectos Adicionales sin Financiamiento		
I-4921	Future I-73 desde Asheboro hasta I-85, mejoras para cumplir con estandares interestatales . Costo estimado del proyecto \$65,600,000	ROW PY CST PY
I-5110	I-73 Connector desde NC 68 hasta Western Urban Loop. Costo estimado del proyectot \$121,500,000. Tan solo para planificacion y estudio ambiental	ROW PY CST PY
Estudios de Viabilidad		
FS 0507A	I-73 determinacion de la ruta en el Estudios de Viabilidad area de Greensboro. Completado	
FS-0609A	I-40 Mejoras desde US 311 hasta US 421/I-40 Business	
FS-0707A	Sandy Road Extensionr desde West Market Street hasta NC 68.	








2006, etc. ROW = Derecho de via por sus siglas en ingles CST = Construcción PY = Financiamiento por Año a continuacion 2016 o mas PN = proyecto por necesidad prioritaria

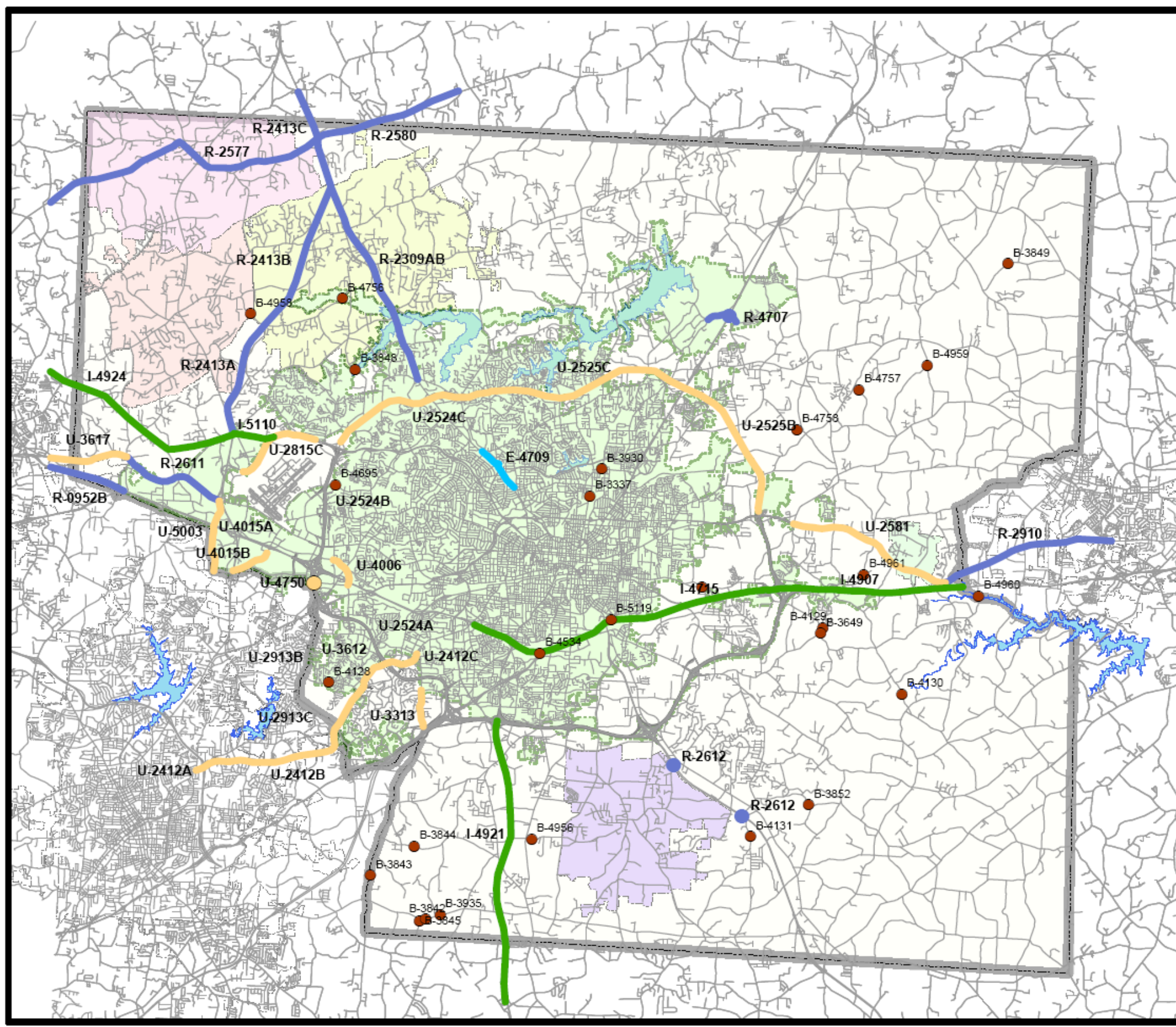
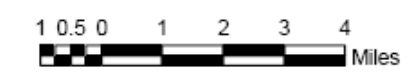
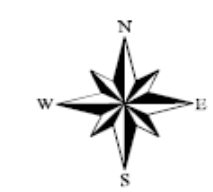
**PROYECTOS DE PROGRAMA
DE MEJORAMIENTO DEL SISTEMA
DE TRANSPORTE PRINCIPAL**

**AREA DE URBANIZACION METROPOLITAN
E GREENSBORO**

**DEFINITIVO MTIP
2009-2015**

LEYENDA

- PROYECTOS INTERSTATEALES 
- PROYECTOS URBANOS 
- PROYECTOS RURALES 
- PROYECTOS DE MEJORA 
- PLAEAMIENTO DE LA DEMARCAACION 
- DE LAS AREAS 
- PROYECTOS PUENTE 



Public Comments

Metropolitan Transportation Improvement
Program
FY 2009 - FY 2015

Introduction to Public Comments

The Public Comments section will consist of comments regarding the Draft MTIP, as submitted to the MPO during the advertised Public Comment Period. The comments will be entered and grouped together by project categories and MPO's responses will follow.

MPO Responses to Public Comments

The Public Comments section consists of comments regarding the Draft MTIP, as submitted to the MPO during advertised Public Comment Periods from February 12, 2008 to June 30, 2008 and July 17, 2008 to August 15, 2008. The comments have been entered and grouped together by project categories and MPO responses will follow.

MPO Responses to Public Comments

General Project Comments

Here are the comments from DWQ regarding the LRTP for the Greensboro Urban Area. I'll be sending a hard copy in the mail, but I wasn't sure if they would make it before the deadline. Thanks.

Amy Euliss
NC DENR Winston-Salem Regional Office
Division of Water Quality, Surface Water Protection
585 Waughtown Street
Winston-Salem, NC 27107
Voice: (336) 771-5000
FAX: (336) 771-4630

See next 3 pages for DWQ comments

MPO Responses to Public Comments



Michael F. Easley, Governor

William G. Ross Jr., Secretary
North Carolina Department of Environment and Natural Resources

Coleen H. Sullins, Director
Division of Water Quality

August 13, 2008

MEMORANDUM

To: Peter Ohlms, Greensboro MPO

From: Amy Euliss, NC Division of Water Quality, Winston-Salem Regional Office

Subject: Comments on 2009-2015 Long Range Transportation Plan in the Greensboro Urban Area.

Reference your correspondence dated July 16, 2008 in which you requested comments for the referenced Long Range Transportation plan for the years of 2009-2015. Preliminary analysis of the LRTP area reveals the potential for multiple impacts to multiple perennial streams and jurisdictional wetlands in the Cape Fear, Roanoke and Yadkin River Basins. Sensitive resources in the plan area include but are not limited to Water Supply Watersheds, including Critical Areas, 303D streams, Randleman Buffer, and proposed High Rock Lake and Jordan Lake Buffers. Any roads being constructed on new location could have significant cumulative and secondary environmental impacts as a result of economic development along the new highway corridor. These impacts can be considered when permitting the projects.

Further investigations at a higher resolution should be undertaken to verify the presence of other streams and/or jurisdictional wetlands in the area. In the event that any jurisdictional areas are identified, the Division of Water Quality requests that NCDOT consider the following environmental issues for the proposed project:

General Project Comments:

1. The environmental document shall provide a detailed and itemized presentation of the proposed impacts to wetlands and streams with corresponding mapping. If mitigation is necessary as required by 15A NCAC 2H.0506(h), it is preferable to present a conceptual (if not finalized) mitigation plan with the environmental documentation. Appropriate mitigation plans will be required prior to issuance of a 401 Water Quality Certification.
2. Environmental assessment alternatives shall consider design criteria that reduce the impacts to streams and wetlands from storm water runoff. These alternatives shall include road designs that allow for treatment of the storm water runoff through best management practices as detailed in the most recent version of NC DWQ *Stormwater Best Management Practices*, such as grassed swales, buffer areas, preformed scour holes, retention basins, etc.
3. After the selection of the preferred alternative and prior to an issuance of the 401 Water Quality Certification, the NCDOT and the Greensboro Department of Transportation are respectfully reminded that they will need to demonstrate the avoidance and minimization of impacts to wetlands (and streams) to the maximum extent practical. In accordance with the Environmental Management Commission's Rules {15A NCAC 2H.0506(h)}, mitigation will be required for impacts of greater than 1 acre to wetlands. In the event that mitigation is required, the mitigation

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One
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Naturally

Internet: www.ncwaterquality.org

Customer Service 1-877-623-6748

MPO Responses to Public Comments

plan shall be designed to replace appropriate lost functions and values. The NC Ecosystem Enhancement Program may be available for use as wetland mitigation.

4. In accordance with the Environmental Management Commission's Rules {15A NCAC 2H.0506(h)}, mitigation will be required for impacts of greater than 150 linear feet to any single perennial stream. In the event that mitigation is required, the mitigation plan shall be designed to replace appropriate lost functions and values. The NC Ecosystem Enhancement Program may be available for use as stream mitigation.
5. DWQ is very concerned with sediment and erosion impacts that could result from these project. NC DOT shall address these concerns by describing the potential impacts that may occur to the aquatic environments and any mitigating factors that would reduce the impacts.
6. If concrete is used during construction, a dry work area shall be maintained to prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete shall not be discharged to surface waters due to the potential for elevated pH and possible aquatic life and fish kills.
7. If temporary access roads or detours are constructed, the site shall be graded to its preconstruction contours and elevations. Disturbed areas shall be seeded or mulched to stabilize the soil and appropriate native woody species should be planted. When using temporary structures the area shall be cleared but not grubbed. Clearing the area with chain saws, mowers, bush-hogs, or other mechanized equipment and leaving the stumps and root mat intact allows the area to re-vegetate naturally and minimizes soil disturbance.
8. Placement of culverts and other structures in waters, streams, and wetlands shall be below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20 percent of the culvert diameter for culverts having a diameter less than 48 inches, to allow low flow passage of water and aquatic life. Design and placement of culverts and other structures including temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or streambeds or banks, adjacent to or upstream and down stream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by DWQ. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact the NC DWQ for guidance on how to proceed and to determine whether or not a permit modification will be required.
9. If multiple pipes or barrels are required, they shall be designed to mimic natural stream cross section as closely as possible including pipes or barrels at flood plain elevation and/or sills where appropriate. Widening the stream channel shall be avoided. Stream channel widening at the inlet or outlet end of structures typically decreases water velocity causing sediment deposition that requires increased maintenance and disrupts aquatic life passage.
10. Sediment and erosion control measures sufficient to protect water resources must be implemented and maintained in accordance with the most recent version of North Carolina Sediment and Erosion Control Planning and Design Manual and the most recent version of NCS000250.
11. All work in or adjacent to stream waters shall be conducted in a dry work area unless otherwise approved by NC DWQ. Approved BMP measures from the most current version of NCDOT Construction and Maintenance Activities manual such as sandbags, rock berms, cofferdams and other diversion structures should be used to prevent excavation in flowing water.

MPO Responses to Public Comments

12. Sediment and erosion control measures shall not be placed in wetlands and streams.
13. Borrow/waste areas shall avoid wetlands to the maximum extent practical. Impacts to wetlands in borrow/waste areas could precipitate compensatory mitigation.
14. While the use of National Wetland Inventory (NWI) maps, NC Coastal Region Evaluation of Wetland Significance (NC-CREWS) maps and soil survey maps are useful tools, their inherent inaccuracies require that qualified personnel perform onsite wetland delineations prior to permit approval.
15. Heavy equipment shall be operated from the bank rather than in stream channels in order to minimize sedimentation and reduce the likelihood of introducing other pollutants into streams. This equipment shall be inspected daily and maintained to prevent contamination of surface waters from leaking fuels, lubricants, hydraulic fluids, or other toxic materials.
16. In most cases, the DWQ prefers the replacement of the existing structure at the same location with road closure. If road closure is not feasible, a temporary detour should be designed and located to avoid wetland impacts, minimize the need for clearing and to avoid destabilizing stream banks. If the structure will be on a new alignment, the old structure shall be removed and the approach fills removed from the 100-year floodplain. Approach fills should be removed and restored to the natural ground elevation. The area shall be stabilized with grass and planted with native tree species. Tall fescue shall not be used in riparian areas.
17. Riprap shall not be placed in the active thalweg channel or placed in the streambed in a manner that precludes aquatic life passage. Bioengineering boulders or structures should be properly designed, sized and installed.

While this is not a complete list of environmental impacts associated with the 2009-2015 LRTP plan for Greensboro Urban Area, it should give you an understanding of environmental resources in your area as they relate to water quality. As individual projects develop, we will be happy to comment further. Thank you for requesting our input at this time. The Greensboro Department of Transportation is reminded that issuance of a 401 Water Quality Certification requires that appropriate measures be instituted to ensure that water quality standards are met and designated uses are not degraded or lost. If you have any questions or require additional information, please contact Amy Euliss at (336) 771-4959.

cc: DWQ 401/Wetlands Transportation Group
File Copy

MPO Responses to Public Comments

MPO Response

Amy,

The MPO thanks you for your comments on the 2009-2015 MTIP document. Your comments will be included in the final document and shared with our technical and policy committees. The MPO will also continue to work with NCDOT and DWQ to avoid or minimize impacts resulted from the construction of roadway projects in the Greensboro Urban Area.

Have a Good Day!

Lydia M. McIntyre
Transportation Planning Engineer
Greensboro DOT/MPO
P.O. Box 3136
Greensboro, NC 27402
336-373-3117

High Point Road Project (U-2412)

Comment #1

I find it totally ridiculous that DOT continues to want to waste money by having a four lane boulevard cutting across Vickery Chapel to 311. Existing four lane Guilford College Rd. crosses High Point Road, goes directly to Business 85/29/70 which provides access to the new, four lane 311. HAVE NEW TRAFFIC STUDIES BEEN CONDUCTED ON HIGH POINT ROAD SINCE GUILFORD COLLEGE OPENED AND CONNECTED WITH STANLEY RD., WENDOVER, I-40 AND BUSINESS 85/29/70??? This appears to be a very EXPENSIVE PROJECT (High Real estate values for right-of-way acquisition) that could be placed on the back burner in these dire economic times. I have been on High Point Road at PEAK HOURS since the opening of the four lane Guilford College connecting all of the above and was pleasantly surprised by the tremendous reduction in traffic. GUYS, I THINK ITS TIME YOU START THINKING ABOUT HOW TO BEST UTILIZE FUNDING FOR PRESENT CONGESTION RATHER THAN COMPLETING OUTDATED PROJECTS THROUGH EXPENSIVE NEIGHBORHOODS!!

Tom Sizemore

Comment #2

Thank you for your response. However, I must reiterate my position on this project. High Point Road has been decongested. I can understand it being four laned to the current Guilford College Road for future purposes.

Again, we ALREADY HAVE A FOUR LANE BYPASS ROUTE OF JAMESTOWN INTO HIGH POINT AND TO 311. Valuable forested property is being eaten up with highways. Hasn't the removal of forested water recharge land been damaged enough by road building and development? Haven't our precipitation patterns and temperatures been altered enough by removal of the GREEN Greensboro Canopy which has been replaced with heat reflecting, asphalt and concrete roads/parking lots and asphalt shingle clad homes?

MPO Responses to Public Comments

I do not consider myself a green person. All that I ask is that the city/county/state gov't. start looking ahead regarding resources without which we will not need all of these roads. WORK TOGETHER to BALANCE all of the needs!!

Thank you for providing an opportunity to respond,

Tom Sizemore

MPO Response

Mr. Sizemore

The Greensboro MPO would like to thank you for your comments on the 2009-2015 MTIP. Your comments will be included in the final document and shared with the Transportation Advisory Committee and NCDOT.

It is important to note that existing traffic studies or forecasts for High Point Road did include the proposed extension of Guilford College. The project recommendations are based future needs out to the year 2030. Therefore, project recommendations are not only based on current conditions, but also future conditions.

It is also very common for NCDOT to also update the forecasts before going to construction to ensure the roadway design is appropriate for the project.

Have a Good Day!

Lydia M. McIntyre
Transportation Planning Engineer
Greensboro DOT/MPO
P.O. Box 3136
Greensboro, NC 27402
336-373-3117

Market Street Projects (R-2611 & U-3617)

I am writing to offer the following comment on the draft MTIP.

The draft MTIP shows the widening of East Mountain Street/Market Street (U-3617) with a terminus of Cross Creek Road. This project is shown as being scheduled for Post Year funding.

The draft MTIP shows the widening of West Market Street (R-2611) with a terminus of Bunker Hill Road. This project is shown as being schedule for Construction in 2011.

MPO Responses to Public Comments

The map provided in the MTIP shows these projects as being adjacent. Actually, there is a gap of approximately 2,000' between Cross Creek Road and Bunker Hill Road.

I am writing to suggest the terminus of the U-3617 project be extended to Bunker Hill Road.

Fred Burchett

MPO Response

Hi Fred,

I will put in a request with the TIP Unit to revise U-3617 to read Bunker Hill Road rather than Cross Creek Road.

Thank you for taking the time to review the MTIP.

Craig W. McKinney
Transportation Planner
Greensboro DOT/MPO
(336) 373-4184

NCDOT Response

Thanks, Craig.

Division 7 had earlier advised us of the gap; since the 09-15 STIP had already been adopted by the Board at that point in time, we just made the change in our database and plan to pick it up with the draft 2011-2017 STIP. So, no need to adjust the MTIP y'all are adopting; though you will need to capture the change in description/length for the next interagency conformity review.

Mike Stanely
NCDOT- Program Development Branch

US 70 Project (U-2581)

Hello,

On behalf of the Town of Sedalia as councilwoman Ophelia Jones. I would like to get a better explanation of the slated urban project #ID NO. 25810 B-Project NO. T025, Guilford US 70, widening to multi-lanes, same location. Programmed for Planning and Environmental study only. Please send explanation to e-mail address.

MPO Response

Councilwoman Jones;

NCDOT has had an unfunded Transportation Improvement Program project to widen US 70 Greensboro to Burlington for many years. Early last year the Greensboro MPO, Burlington MPO,

MPO Responses to Public Comments

and NCDOT agreed that the rapid growth along US 70 were making it necessary to begin planning for improvements. US 70 from Greensboro to Burlington is currently funded for planning and environmental study only.

We are expecting NCDOT to begin the environmental analysis needed to determine how US 70 may be improved late this year. The environmental analysis process may take 4 years to complete. It is anticipated that the first round of public involvement may take place in early 2010.

It is highly unlikely that the study will recommend that all of US 70 to be widened on existing location. Federal legislation protects historical properties from physical impacts due to roadway projects; therefore some form of an alternate location through Sedalia is highly likely.

NCDOT has agreed to make presentation to the Council in early 2009; the presentation will consist of an outline of the study process and schedule. I or Lydia McIntyre will coordinate with Cam once the study has officially begun to schedule the presentation.

You are welcome to contact me should you have any additional questions or concerns.

Craig W. McKinney
Transportation Planner
Greensboro DOT/MPO
(336) 373-4184

SAFETEA-LU Compliance

Transportation legislation, known as the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) was signed into law on August 10, 2005. The legislation not only authorized funding for various transportation programs, but also included new requirements for the Transportation Improvement Program (TIP).

All TIPs must use an inflation rate(s) to reflect year of expenditure dollars based on reasonable financial principles. NCDOT outlines the methodology used to meet the SAFETEA-LU requirement in the State TIP (STIP). The methodology documentation has been included as the MTIP is based on the STIP and is thereby supported by the documentation.

SAFETEA-LU Compliance

The State Transportation Program

This STIP budget is based on the certified budget and projections developed by NCDOT and the Office of State Budget and Management in the summer of 2007. These estimates were used to develop the draft program and are the basis for air quality and fiscal constraint tests. The Trust Fund revenues available for all programs are projected to be about \$1 billion for FY 2009 and \$7.9 billion during the seven-year period. Of this \$7.9 billion in revenue, \$5.8 billion is allocated to the Intrastate and Urban Loop STIP programs. The remainder is utilized for non-STIP purposes. The existing federal bill (SAFETEA-LU) expires September 30, 2009. Estimates of federal funds beyond that date are conservative, but may change greatly both in amount and program structure as Congress works to pass a new Federal Surface Transportation Bill.

Inflation has not been factored into the above revenue estimates. However, when programming projects in the STIP the following inflation factors for future construction and right of way cost increases were used to reserve the budget at an overall inflation rate of 5%. Project costs and revenue projections shown in this planning document budget are in constant 2008 dollars. Therefore, to find the true anticipated future year project costs, multiply the 2008 cost shown in the STIP by the following inflation factors: 2009 - 1.025, 2010 - 1.076, 2011 - 1.130, 2012 - 1.187, 2013 - 1.246, 2014 - 1.308, and 2015 - 1.374.

In 2005, House Bill 254 authorized NCDOT to issue Grant Anticipation Revenue Vehicles (GARVEE bonds) to finance federal aid highway projects. All funds derived from GARVEE bonds are backed by the receipt of future federal funds and no state funds may be committed to the debt service. In October 2007, the Department received \$287.6 million in GARVEE bond proceeds. It is anticipated that an additional \$548 million in bonds will be sold as shown programmed in this seven year STIP.

Adopting Resolutions

Draft

Metropolitan Transportation Improvement

Program

FY 2009 - FY 2015

Introduction to Adopting Resolutions

This section will include the signed resolution with which the MPO officially adopts the final draft of the MTIP. A sample of this resolution will follow.

**RESOLUTION ADOPTING THE FINAL GREENSBORO URBAN AREA
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FY 2009 - FY 2015**

A motion was made by TAC Member Kirk Perkins and seconded by TAC Member Mike Winstead for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the Transportation Advisory Committee has found the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive (3-C) manner in accordance with 23 U.S.C. and 49 U.S.C. 1607; AND

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purpose of the North Carolina State Implementation Plan (*or interim emissions tests in areas where no SIP is approved or found adequate*) for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; AND

WHEREAS, the Transportation Advisory Committee has found the Transportation Improvement Program to be in full compliance with Title VI of the Civil Rights Act of 1964 and Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; AND

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect the participation of Disadvantaged Business Enterprises in FHWA and FTA funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); AND

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Improvement Program will affect elderly and disabled persons, in compliance with the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations; AND

WHEREAS, the Greensboro Urban Area Metropolitan Transportation Improvement Program is a direct subset of the currently conforming Greensboro Urban Area 2030 Long Range Transportation Plan; AND

WHEREAS, the Transportation Plan has a planning horizon year of 2030, and meets all the requirements for an adequate Transportation Plan; AND

WHEREAS, the Transportation Advisory Committee has provided for a 30-day public comment period for the proposed Transportation Improvement Program; AND

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comments; AND

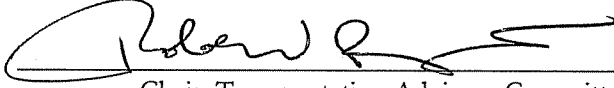
WHEREAS, the Transportation Improvement Program, for years one through four, will serve as the project selection document for transportation projects within the Greensboro Urban Area Metropolitan Area Boundary, and the NCDOT may move projects and phases of projects without additional programming or project selection approval by the MPO within that four-year period, providing that transportation conformity and financial constraint criteria are still met; AND

WHEREAS, the Greensboro Urban Area Metropolitan Transportation Improvement Program is SAFETEA-LU compliant;

NOW, THEREFORE, be it resolved by the Greensboro Urban Area Transportation Advisory Committee that the Metropolitan Transportation Improvement Program for FY 2009 - FY 2015, dated August 27, 2008, be adopted for the Greensboro Urban Area Metropolitan Planning Organization on this, the 27th day of August, 2008.


I, Robbie Perkins, TAC Chair,
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this, the 27th day of August, 2008.


Chair, Transportation Advisory Committee

Subscribed and sworn to me on this, the 27th day of August, 2008.

DEIDRE E. MITCHELL
NOTARY PUBLIC
GUILFORD COUNTY, NC
My Commission Expires 2-17-2013


Notary Public

My commission expires 2-17-2013.