



METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP)

Gaston Urban Area Metropolitan Planning Organization

**Fiscal Years
2009 - 2015**



Transportation

ORGANIZATION OF THE STIP

The State Transportation Improvement Program (STIP) contains funding information and schedules for transportation divisions including: Highways, Aviation, Enhancements, Public Transportation, Rail, Bicycle and Pedestrians, and the Governor's Highway Safety Program. A separate summary of funding of major highway projects is available as a companion document to the STIP.

The transportation program in the STIP is organized by highway divisions. At the beginning of each of the 14 divisions, a map is provided with a color-coded key to the major highway funded projects in that division. Projects are listed by county within each division. This results in some duplication since highway projects frequently extend across county and division lines. When this duplication occurs, a project is listed in each county in which it is found.

Specific projects in each county are listed under Highway and Public Transportation Programs. The Highway Program projects are subdivided by category: interstate, rural, urban, federal bridge, municipal bridge, mitigation, bicycle and pedestrian, congestion mitigation, enhancement, ferry, hazard elimination, safe routes to school, passenger rail and roadside environmental. Interstate, rural, federal bridge and ferry projects are listed in order of route number. Urban, municipal bridge and bike and pedestrian projects are listed by city or county and enhancement projects are listed by city while mitigation projects are listed by county. Congestion mitigation, passenger rail projects are listed alphabetically by city or county. Hazard elimination projects may be listed by route, city or county.

GARVEE (Federal Revenue Bonds) Projects are designated as such in the project's comment field. The Aviation Program consists of State-Aid to Airports and Block Grants. Projects are listed alphabetically by county and subdivided under commercial Services and General Aviation Airports. The Public Transportation Program list projects first by county, secondly alphabetically by city and then by planning authorities or other agencies. The Governor's Highway Safety project list is comprised of various safety programs.

In the Highway Program projects in the Intrastate or Urban Loop System are listed under the appropriate funding program, but are identified with an asterisk (*) following the project I.D. number. North Carolina's Strategic Highway Corridor projects are designated by comment under the work type-funding source columns. Ferry projects are also part of the highway program and have been assigned to their respective connecting highway route numbers where possible and the division where they are assigned to operate.

The fiscal year scheduled for planning and design are shown as FY. The type or phase of work is shown for each interstate, rural and urban project in the county-by-county listing. 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 their anticipated funding sources also are listed.

The Secondary Roads Program (County Construction) is not included in this statewide highway improvement program. NCDOT and the respective county boards of commissioners develop this program annually. Similarly, the Small Urban Program is developed annually by the department and municipal officials and is excluded from this statewide transportation improvement program.

A separate map book is available that includes general maps showing a **corridor** for each of the funded projects in the interstate, rural, urban and bridge programs. The descriptions and maps for most projects are preliminary and subject to change. All major projects require extensive planning, environmental impact and design studies. **The location and exact type of improvements are subject to refinement and modification during the planning and design phases.**

The State Transportation Improvement Program is available on-line at www.ncdot.org/~tip

<i>Prefix</i>	<i>Program</i>	<i>Funding Source</i>
I	Interstate	Interstate Construction (I) Interstate Maintenance (IM) National Highway System (NHS)
R, A M, X	Rural Special	NHS, Surface Transportation Program (STP), State, Highway Trust Fund (T)
U	Urban	NHS, STP, State and T
B	Bridge Replacement	Replacement and Rehabilitation, State, Federal and Municipal
C	Congestion Mitigation	Federal, Local and Other
E, EB EL, ER, L S	Enhancements Call, Roadside, Bike-Pedestrian and Local	State, Federal (STP), Local and Other
EE	Mitigation	State, Federal and Other
K L	Rest Area Landscape	Interstate Maintenance, NHS, STP Personalized License Plate Funds
P, SB	Passenger Rail	State and Federal
SR	Safe Routes to School	State and Federal
W, SF SI	Highway Hazard (Highway Safety)	Safety, State and Federal (HES) High Risk Routes (HRR)
Y, Z	Railroad-Highway Crossings	State and Federal
F	Ferry	Ferry, State and Federal
FS	Feasibility Study	State
T	Public Transportation	State, Federal and Local

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.

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.

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.

GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST COST (THOU) (THOU)	FUNDING SOURCE	"DELIVERABLE STIP"				"DEVELOPMENTAL STIP"				"UNFUNDED"	
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS		
URBAN PROJECTS														
NEW ROUTE GASTON MECKLENBURG	U-4705	BELMONT-MOUNT HOLLY NORTHERN LOOP, NC 27 WEST OF MOUNT HOLLY TO TO NC 27 EAST OF MOUNT HOLLY. MULTI-LANES ON NEW LOCATION. (4 MILES)	48750	STP STP										R 6100 C 42650
SR 2478 (TITMAN ROAD) AND SR 2209 (CRAMERTON ROAD/ MARKET STREET) GASTON	U-5103	NC 279 (NEW HOPE ROAD) TO US 29/74 (WILKINSON BOULEVARD). WIDEN TO MULTI-LANES, PART ON NEW LOCATION. (2.6 MILES)	39400	STP STP										R 15000 C 24400
BELMONT GASTON	U-3608	NC 7, I-85 TO US 29-74. WIDEN TO FIVE LANES. (0.4 MILE)	3600	STP STP										R 1300 C 2300
BESSEMER CITY GASTON	U-3405	NC 274 (GASTONIA HIGHWAY), SR 1484 (MAINE AVENUE) TO NC 275. WIDEN TO FIVE LANES WITH CURB AND GUTTER. (1.4 MILES)	9671 4471	STP C 5200										
PLANNING/DESIGN AND RIGHT OF WAY IN PROGRESS														
GASTONIA CHARLOTTE GASTON MECKLENBURG	U-3321*	GARDEN PARKWAY, I-85 WEST OF GASTONIA TO NC 160 IN MECKLENBURG COUNTY. MULTI-LANES ON NEW LOCATION. (21.5 MILES)	468397 13930	T T T										R 28000 M 7467 C 419000
STRATEGIC HIGHWAY CORRIDOR														
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY - PLANNING/DESIGN IN PROGRESS BY THE NORTH CAROLINA TURNPIKE AUTHORITY														
GASTONIA GASTON	U-3425	SR 1136 (MYRTLE SCHOOL ROAD), US 29-74 TO SR 1255 (HUDSON BOULEVARD). WIDEN TO MULTI-LANES. (1.8 MILES)	15700	STP STP										R 4400 C 11300
GASTONIA GASTON	U-2713	SR 1131 (LINWOOD ROAD), CROWDER'S CREEK TO US 29-74-NC 274 (FRANKLIN BOULEVARD). WIDEN TO MULTI-LANES, SOME RELOCATION. (2.2 MILES)	18078 78	STP STP										R 2500 C 15500

GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR PROJ YEARS COST COST (THOU) (THOU) FUNDING SOURCE FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 "UNFUNDED" FUTURE YEARS

"DELIVERABLE STIP" "DEVELOPMENTAL STIP"

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ YEARS COST COST (THOU) (THOU)	FUNDING SOURCE	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	"UNFUNDED" FUTURE YEARS	
URBAN PROJECTS													
GASTONIA GASTON	U-2523	NC 279, NC 7 TO WEST OF NC 275 IN DALLAS. WIDEN TO MULTI-LANES. (3.6 MILES)	27018 16018	STP								R 5200	B
				STP								C 5800	B

A NC 7 (OZARK AVENUE) TO NORTH OF SR 2275 (ROBINSON-CLEMMER ROAD) - COMPLETE.
 B NORTH OF SR 2275 (ROBINSON-CLEMMER ROAD) TO WEST OF NC 275 IN DALLAS.

GASTONIA GASTON	U-2408	NC 274, NC 275 TO US 29-74. WIDEN TO MULTI-LANES. (2.8 MILES)	35623 28159	STP	C 7464								
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UNDER CONSTRUCTION

GASTONIA GASTON	U-3806	US 29-74 (FRANKLIN BOULEVARD), SR 2200 (COX ROAD) TO SR 2339 (CHURCH STREET). ADD LANE IN THE EASTBOUND DIRECTION. (0.5 MILE)	5736 86	STP								R 2400	
				STP								C 3250	

MOUNT HOLLY GASTON	U-3633	NC 273 (SOUTH MAIN STREET), SOUTH OF CATAWBA DRIVE TO HIGHLAND STREET AT RANKIN AVENUE. WIDEN TO MULTI-LANES. (1 MILE)	7143 396	STP				R 700					
				STP					M 47				
				STP							C 6000		

FEASIBILITY STUDIES

US 29-74 GASTON MECKLENBURG	FS-0812A	CATAWBA RIVER. REPLACE BRIDGE NO. 91.											
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FEASIBILITY STUDY IN PROGRESS

FEDERAL BRIDGE PROJECTS													
SR 1103 GASTON	B-4517	CROWDER'S CREEK. REPLACE BRIDGE NO. 49	1468 300	NFA	R 100								
				NFA		M 68							
				NFA			C 1000						

SR 1800 GASTON	B-4519	LITTLE LONG CREEK. REPLACE BRIDGE NO. 155	430 100	NFA	R 30								
				NFA			C 300						

* INDICATES INTRASTATE PROJECT

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK
FISCAL YEARS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ YEARS 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	FY 2016	FY 2017	FY 2018

MITIGATION PROJECTS

VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	EE-4912	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 12 PROJECT MITIGATION.	5273	5273														
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IN PROGRESS

BICYCLE AND PEDESTRIAN PROJECTS

GRAMERTON GASTON	EB-5016	DOWNTOWN GRAMERTON-SOUTH FORK RIVER GREENWAY EXTENSION. PEDESTRIAN BRIDGES AND TRAIL.	375	375														
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UNDER CONSTRUCTION

GASTONIA GASTON	EB-5017	AVON-CATAWBA CREEK GREENWAY TRAIL EXTENSION.	215	215														
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UNDER CONSTRUCTION

GASTONIA GASTON	EB-5113	HIGHLAND RAIL TRAIL - LONG CREEK GREENWAY.																
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SCHEDULED FOR FEASIBILITY STUDY

MOUNT HOLLY GASTON	EB-5114	MOUNT HOLLY RIVERFRONT GREENWAY.																
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SCHEDULED FOR FEASIBILITY STUDY

CONGESTION MITIGATION PROJECTS

GASTONIA GASTON	C-4934	NC 279 (NEW HOPE ROAD), BURTONWOOD DRIVE TO SR 2466 (GARRISON BOULEVARD). WIDEN TO MULTI-LANES.	2046															
					CMAQ	R	75											
					L	R	19											
					CMAQ			C	781	C	781							
					L			C	195	C	195							

GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS					"UNFUNDED" FUTURE YEARS
					"DELIVERABLE STIP" FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	

PUBLIC TRANSPORTATION PROJECTS

TM-5000 JOB ACCESS / REVERSE COMMUTE
CAPITAL, PLANNING AND
OPERATIONAL COST.

IN PROGRESS

STATEWIDE TM-5001 NEW FREEDOM CAPITAL AND
OPERATING COST.

IN PROGRESS



SIP

Statewide

Statewide

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS										"UNFUNDED" FUTURE YEARS
					"DELIVERABLE STIP"					"DEVELOPMENTAL STIP"					
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	
INTERSTATE PROJECTS															
I-95 STATEWIDE	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							
STRATEGIC HIGHWAY CORRIDOR															
VARIOUS STATEWIDE	I-9998	INTERSTATE PREVENTATIVE MAINTENANCE.	125000	IMPM					C	25000	C	25000	C	25000	
STRATEGIC HIGHWAY CORRIDOR															
RURAL PROJECTS															
VARIOUS STATEWIDE	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	12000 5000	S	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	
VARIOUS STATEWIDE															
VARIOUS STATEWIDE	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS	3000 900	IN PROGRESS											
VARIOUS STATEWIDE															
VARIOUS STATEWIDE	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.	1800 400	IN PROGRESS											
VARIOUS STATEWIDE															
VARIOUS STATEWIDE	M-0386	STATEWIDE TRANSPORTATION MANAGEMENT CENTER.		IN PROGRESS											
VARIOUS STATEWIDE															
VARIOUS STATEWIDE	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITIATIVES.	3000 3000	SCHEDULED FOR FEASIBILITY STUDY ONLY											
VARIOUS STATEWIDE															
VARIOUS STATEWIDE	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT	1500 1500	IN PROGRESS											
VARIOUS STATEWIDE															
				IN PROGRESS											

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIORITY PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS										"UNFUNDED" FUTURE YEARS
					"DELIVERABLE STIP"					"DEVELOPMENTAL STIP"					
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	

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

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

IN PROGRESS															
VARIOUS STATEWIDE	R-4958	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (APPALACHIAN DEVELOPMENT).	479	84	APD	A	5A	A	5A	A	5A	A	5A	A	5A
					APD	M	60B	M	60B	M	60B	M	60B	M	60B

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	7A	A	7A	A	7A	A	7A	A	7A
					FA	M	90B	M	27B	M	90B	M	90B	M	86B
					NFA	A	8A	A	8A	A	8A	A	8A	A	8A
					NFA	M	8B	M	8B	M	34B	M	34B	M	88B

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	100A	A	100A	A	100A	A	100A	A	100A
					S	M	1045B	M	852B	M	1155B	M	1029B	M	1200B

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	25A	A	25A	A	25A	A	25A	A	25A
					IM	M	300B	M	300B	M	142B	M	300B	M	300B

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	25A	A	25A	A	25A	A	25A	A	25A
					IM	M	300B	M	300B	M	142B	M	300B	M	300B

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS											
						"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"					
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FUTURE YEARS				

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												
VARIOUS STATEWIDE	R-4951	STATEWIDE ENVIRONMENTAL MITIGATION AND MINIMIZATION (INTRASTATE).	124352	44167	T	A	2000	A	2000	A	2000	A	2000	A	2000	A
					T	M	12543	B	M	6937	B	M	23013	B		

IN PROGRESS
 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												
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IN PROGRESS

VARIOUS STATEWIDE	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORECASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.	7132	3632	S	F	500	F	500	F	500	F	500	F	500	
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IN PROGRESS

VARIOUS STATEWIDE	R-2930	NATIONAL PARKS SERVICE EMERGENCY PAVEMENT REHABILITATION.	1260	770	FLPP	C	70	C	70	C	70	C	70	C	70	
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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	C	13500	
					NHS	C	4500	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	750	A	750	A	750	A	750	A
					NHS	M	5093	B		M	7894	B		M	8914	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

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS														
						"DELIVERABLE STIP"					"DEVELOPMENTAL STIP"					"UNFUNDED" FUTURE YEARS				
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018					
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													
ENHANCEMENT PROJECTS																				
VARIOUS STATEWIDE	E-4599	INSTALL RIVER BASIN HIGHWAY SIGNS.	187	187																
VARIOUS STATEWIDE	E-3821	PRESERVE HISTORIC BRIDGES FROM DEMOLITION.	250	250																
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.	16770	8370	IN PROGRESS	NRT	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															
SCHEDULED FOR PLANNING AND PROGRAM DEVELOPMENT ONLY																				
VARIOUS STATEWIDE	E-4602	GIS ARCHAEOLOGICAL DATABASE. STATEWIDE DATABASE TO CALCULATE ARCHAEOLOGICAL SITES LOCATED WITHIN OR NEAR NCDOT PROJECTS.	750	750																
ENHANCEMENT PROJECTS (ROADSIDE)																				
VARIOUS STATEWIDE	ER-3611	COLOR CANOPY AND TREE PLANTING STATEWIDE.	9865	3765	IN PROGRESS	STPEL	L	800		L	800		L	900		L	900			
VARIOUS STATEWIDE	ER-3419	NORTH CAROLINA STATE BYWAYS BOOKLET PRINTING.	50	50	IN PROGRESS															

* INDICATES INTRASTATE PROJECT

S - 10

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS												"UNFUNDED" FUTURE YEARS
						"DELIVERABLE STIP"						"DEVELOPMENTAL STIP"						
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2012	FY 2013	FY 2014	FY 2015		
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			
IN PROGRESS																		
STRATEGIC HIGHWAY CORRIDOR																		
BLUE RIDGE PARKWAY STATEWIDE	ER-3817	SCENIC ENHANCEMENT AND VIEWSHED PROTECTION. (101.4 MILES)	2200	2200	IN PROGRESS													
HAZARD ELIMINATION PROJECTS																		
VARIOUS STATEWIDE	SI-4901	NO NEED 2 SPEED SAFETY INITIATIVE. SIGNING, EVALUATION, AND IMPLEMENTATION.	280	280	IN ACQUISITION													
IMPLEMENTATION IN PROGRESS																		
VARIOUS STATEWIDE	SI-4735	SAFETY MANAGEMENT INITIATIVES.	1107	1107	IMPLEMENTATION IN PROGRESS													
IN PROGRESS																		
VARIOUS STATEWIDE	SI-4900	BLUE STAR MEMORIAL HIGHWAY SIGNING. INSTALL SIGNS AT VARIOUS LOCATIONS STATEWIDE.	250	250	UNDER CONSTRUCTION													

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	PRIORITY COST (THOU)	FISCAL YEARS					"UNFUNDED" FUTURE YEARS	
						"DELIVERABLE STIP"		"DEVELOPMENTAL STIP"				
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
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								
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	RR T2001	C 329	C 342	C 356	C 370	C 384	C 384	C 384
VARIOUS STATEWIDE	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.	132357	500	T2001	R 1178	R 678					C 130001
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	T2001	C 7462	C 7446	C 7450	C 7450	C 7450	C 7450	
RIGHT OF WAY IN PROGRESS												
VARIOUS STATEWIDE	P-4700	RAILROAD STATION REHABILITATION PROJECTS.	22900	6900	STPER	C 2800	C 2600	C 2400	C 2200	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	T2001							C 191031
IN PROGRESS												
PHASE 1 - COMPLETE; PHASE 2 - UNFUNDED												
STRATEGIC HIGHWAY CORRIDOR												

* INDICATES INTRASTATE PROJECT COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS					"UNFUNDED" FUTURE YEARS			
						"DELIVERABLE STIP"		"DEVELOPMENTAL STIP"						
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015		
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									
VARIOUS STATEWIDE	Y-4800		TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.	28410	12835	RR	C	2225	C	2225	C	2225	C	2225
VARIOUS STATEWIDE	Y-4415		HIGHWAY-RAIL CROSSING INVENTORY.	4306	1925	RR	C	325	C	325	C	338	C	338
IN PROGRESS														
VARIOUS STATEWIDE	Y-4100		HIGHWAY-RAIL CROSSINGS SAFETY IMPROVEMENTS AND INVENTORY (FFY 00 AND 01). PASSENGER ROUTES.	4100	4100									
IN PROGRESS														
VARIOUS STATEWIDE	Y-9999		HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS, PASSENGER ROUTES.	11732	8315	RR	C	490	C	490	C	489	C	489
UNDER CONSTRUCTION														
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	6528
IN PROGRESS														
CSX "S" LINE STATEWIDE	P-3816		RIDGEWAY-APEX-DURHAM, ACOUIRE 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	C	4000
						O	C	8000	C	8000	C	8000	C	8000
IN PROGRESS														

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	PRIORITY	FISCAL YEARS					"UNFUNDED" FUTURE YEARS
						FUNDING SOURCE	FY 2009	FY 2010	FY 2011	FY 2012	

<u>ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)</u>											
VARIOUS 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						

<u>PUBLIC TRANSPORTATION PROJECTS</u>											
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							

STATEWIDE	TF-4900		PROVIDE FUNDS TO CONSTRUCT AND/OR IMPROVE PUBLIC TRANSPORTATION FACILITIES IN RURAL AREAS.	3330							
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STATEWIDE	TI-4900		STATEWIDE PROGRAM TO PROVIDE OPERATING ASSISTANCE TO EXPAND AND IMPROVE REGIONAL AND INTER-CITY PUBLIC TRANSPORTATION	4000							
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STATEWIDE	TK-4900Z		PROVIDE FUNDS TO SUPPORT THE ONGOING 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							
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STATEWIDE	TM-5112		PROVIDE FUNDING FOR NEW PUBLIC TRANSPORTATION SERVICES BEYOND THOSE REQUIRED BY ADA THAT ASSIST INDIVIDUALS WITH DISABILITIES.	8320							
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STATEWIDE	TM-5103		JOB ACCESS/REVERSE COMMUTE IN RURAL AREAS.	13780							
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* INDICATES INTRASTATE PROJECT

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIORITY PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS						"UNFUNDED" FUTURE YEARS	
					"DELIVERABLE STIP"			"DEVELOPMENTAL STIP"				
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014		FY 2015
PUBLIC TRANSPORTATION PROJECTS												
STATEWIDE	TM-5001	NEW FREEDOM CAPITAL AND OPERATING COST.										
STATEWIDE	TM-5000	JOB ACCESS / REVERSE COMMUTE CAPITAL, PLANNING AND OPERATIONAL COST.										
STATEWIDE	TM-4900	PROVIDE ADMINISTRATIVE ASSISTANCE FOR COMMUNITY TRANSPORTATION SYSTEMS.	15880									
				IN PROGRESS								
					HSTM	AD	2700	AD	2700	AD	2700	
					L	AD	476	AD	476	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	PL	296	PL	296	
					STAT	PL	74	PL	74	PL	74	
STATEWIDE	TP-4900	PLANNING PROGRAM (SECTION 5303) TO SUPPORT THE PLANNING ACTIVITIES OF IMPOS ACROSS THE STATE.	7095									
					FMPPL	PL	1135	PL	1135	PL	1135	
					L	PL	142	PL	142	PL	142	
					STAT	PL	142	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	PL	2000	PL	2000	
					L	PL	250	PL	250	PL	250	
					STAT	PL	250	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	AD	24	AD	24	
					RTAP	AD	217	AD	217	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	CP	178	CP	178	
					UTCH	CP	1600	CP	1600	CP	1600	

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

STATEWIDE ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PRIOR PROJ YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS												"UNFUNDED" FUTURE YEARS		
					"DELIVERABLE STIP"				"DEVELOPMENTAL STIP"										
					FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
PUBLIC TRANSPORTATION PROJECTS																			
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 RTCH	55 500	CP 500	CP 55	CP 500	CP 55	CP 500	CP 55	CP 500	CP 55	CP 500	CP 55	CP 500			
STATEWIDE	TV-4903	PROVIDE OPERATING ASSISTANCE FOR SERVICE TO THE ELDERLY AND DISABLED.	10460	FED STAT	1046 1046	0 0	1046 1046	0 0	1046 1046	0 0	1046 1046	0 0	1046 1046	0 0	1046 1046	0 0	1046 1046		

Unmet Needs List for the Gaston Urban Area MPO - adopted Sept. 25, 2007

2007 TAC Final Ranking	Facility Name	Description	Length (miles)	2007 # of Lanes	Future # of Lanes	*Updated Cost Estimates	2001 TAC Ranking	2004 TAC Ranking
1	I-85/US 321 Interchange Improvements	Geometric Safety Improvements to Interchange						
2	Garden Parkway	Construct a new four-lane divided, controlled access facility from NC 160 in Mecklenburg County to I-85	21.5	0	4	\$28,400,000.00		
3	Garden Parkway	Construct a new four-lane divided, controlled access facility from I-85 to US 321 (north of Dallas)	7.5	0	4	\$453,275,000.00		
4	New Hope Road	Widen existing four-lane road to a five-lane facility. There are two segments to this project: Burtonwood Dr. to Garrison Blvd. and Robinwood Rd. to Armstrong Park Rd.	1.5	4	5	\$100,900,000.00	17	3
5	Titman/Cramerton Road	Widen existing two-lane roads to three-lane, and construct new three-lane connector from S. New Hope Rd. to Woodlawn Ave.	2.6	2	4	\$9,303,888.54		
6	York Road	Widen four-lane facility to five-lane cross section from Hudson Blvd. to Beam Ave.	0.54	4	5	\$39,400,000.00	24	9
7	S. New Hope Road	Widen existing two-lane road to five-lanes from Titman Road to Union-New Hope Road	3.8	2	5	\$2,227,150.90	11	7
8	Union Road	Widen the existing two-lane facility to five lanes and construct a new four-lane divided realignment from Robinson Rd. to Beaty Rd.	3.7	2	4&5	\$23,114,773.00	6	5
9	Lowell-Bethesda/Groves St. Connection	Provide direct connection between Lowell-Bethesda Rd. and the intersection with Franklin Blvd. And Groves St. The project will also include a grade-separated crossing of the Norfolk Southern Railroad.	0.2	2	4	\$3,692,792.00	12	8
10	North Dallas Bypass	North Dallas Bypass (Dallas-Cherryville Highway (NC 279) to Lower Dallas Rd. (NC 279)	5.9	2	3	\$28,565,151.50	8	13
11	Belmont-Mt.Holly Loop	Construct new, four-lane divided facility from South Point Road to the proposed Gastonia-Mt. Holly Connector	8.8	0	4	\$56,826,998.00	10	10
12	Gastonia-Mt.Holly Connector	Construct a new, four-lane divided facility from Cox Road to Catawba Avenue.	6.3	0	4	\$57,004,115.00	15	18
13	Lineberger Road	Construct 5-lane road including bridge over I-85 from US 29/74 (Franklin Blvd.) to the proposed Gastonia-Mt. Holly Connector.	1.3	0	4	\$16,884,110.50	13	12
14	US 29/74 South Fork River Bridge	Replace existing four-lane bridge to match existing six-lane cross section of Wilkinson Blvd. Widen east bound and west bound approaches to bridge to six-lanes from Market Street to Albert Avenue.	0.9	4	6	\$33,136,560.00	7	14
15	Hudson Blvd. Extension	Hudson Boulevard Extension from Davis Park Road to Chapel Grove Road	1.16	0	4	\$6,772,998.60	NA	NA
16	Lowell-Bethesda Road/Beaty Road	Widen 2-lane to 5-lane from Westover St. to Union Rd. Also, construct new 5-lane from Union Rd. to the proposed Gaston East-West Connector	5.9	2	5	\$44,982,896.50	20	16
17	US 29/74 Catawba River Bridge	Widen existing four-lane bridge to six-lanes, and widen existing four-lane cross section to six-lanes from Catawba Street (NC 7) to the east bank of the Catawba River	0.5	4	6	\$21,503,850.00	9	11
18	Ratchford Road/US 321 Interchange	Construct Interchange between US 321 and Ratchford Road.	0.1	0	1	\$9,800,500.00	23	21
19	Puetts Chapel Road Widening	Widen existing two-lane road to a three-lane facility from Maine Avenue to the proposed NC 274 Bypass.	0.9	2	3	\$2,472,560.78	NA	17
20	Franklin Blvd Westbound	Add an additional westbound through lane from Church Street to Cox Road	1	6	7	\$3,487,467.50	NA	4
21	Oakland Street	Widen substandard two-lane road from Trade St. to Carr Rd. to provide standard lane width of 12 feet.	1.6	2	2	\$2,030,586.00	19	15
22	13th Street Railroad Underpass	Replace the 13th Street Norfolk Southern Railroad underpass to allow for safer and more efficient traffic flow.	0.1	2	2	\$4,000,000.00	16	20
23	Eight Avenue Railroad Underpass	Widen existing one-lane underpass bridge to a two-lane underpass bridge from Main Street to 500' past the railroad tracks.	0.1	2	2	\$4,405,601.00	NA	19
24	Market Street	Add right turn lane on northbound Market St. to eastbound US 29/74.	0.3	2	3	\$828,991.20	22	22
25	Southridge Parkway North Extension	Extend Southridge Parkway (three-lane facility) north to NC 274 (at Crème Haven Dr.)	0.35	0	3	\$1,914,631.13	NA	NA
26	Spencer Mountain Road	Widen two-lane road to a four-lane cross section from Ozark Avenue (NC 7) to Central Ave.	1.2	2	4	\$5,724,801.00	21	23
27	Stanley Southern Connector	Construct new, four-lane divided facility from Dallas-Stanley Highway (NC 275) to Charles R. Jonas Highway (NC 27).	1.8	0	4	\$10,790,260.25	14	28
28	NC 273 (South Point Road)	Widen existing two-lane road to a four-lane divided facility from Nixon Road to Lower Armstrong Rd. (NC 273).	3.4	2	4	\$23,859,898.80	NA	25
29	NC 274 Bypass	Construct new, three-lane minor thoroughfare facility from NC 274 (Bessemer City Highway) to Costner School Road.	0.7	0	3	\$3,470,501.00	NA	24
30	Southridge Parkway West Extension	Construct a new, three-lane facility from Crowders Mtn. Rd. to Edgewood Rd.	1.68	0	3	\$9,186,701.40	NA	NA
31	Crowders Mountain Parkway	Construct new, three-lane minor thoroughfare facility from US 29/74 (Franklin Blvd) to Edgewood Rd.	1.2	0	3	\$15,340,560.60	NA	27
32	Robinson Rd/321 Railroad Underpass	Railroad trestle underpass at the intersection of Robinson Road and US 321 (North Carolina - South Carolina Border)				\$4,000,000.00	NA	NA
TOTAL						\$1,049,519,284.70		

Cost estimates are dated. New estimates will be generated shortly.

Unmet Needs List for the Gaston Urban Area MPO - adopted Sept. 25, 2007

Bicycle and Pedestrian Projects

Cramerton	Cramerton Greenway System
Gastonia	Avon/Catawba Creek Greenway System
Gastonia	Highland Rail Trail/Long Creek Greenway System
Gastonia	Blackwood Creek Greenway System
Gastonia	Duhart's Creek Greenway System
Mount Holly	Riverfront Greenway System

**Enhancement Projects

Belmont	Streetscape improvements	Decorative lighting, tree plantings, marked pedestrian crossings, sidewalk improvements on Catawba Street leading from the downtown business district to the East Belmont business district.
Belmont	Median improvements	Concrete medians shall be changed to planted on US 29/74 for the remaining length of that roadway within the Belmont city limits that has not been addressed.
Cramerton	Median improvements	Concrete medians shall be changed to planted on US 29/74 for the entire length of Cramerton Town Limits.
Cramerton	Streetscape improvements	Tree plantings, decorative sidewalk on each side of Market Street, and a decorative signal lighthouse at intersection of Eighth Ave. and Market St. and US 29/74 and Market St.
Cramerton	Sidewalk improvements	Implement installation of sidewalks per the Town's NCDOT Pedestrian Plan set to be adopted in 2007.
Lowell	Median improvements	Median planting strips at I-85 Exits 22& 23.
Lowell	Sidewalk improvements	Miscellaneous sidewalk repairs throughout city.
Lowell	Sidewalk improvements	Sidewalk extension from Geer St. to George Poston Park.
Lowell	Median improvements	Planted islands/strips to separate parking areas in Downtown.

****Transportation Enhancement activities are awarded through the North Carolina Call for Projects process. The next call for projects is anticipated to take place in 2008****

GASTON MPO PUBLIC TRANSPORTATION PROGRAM

ROUTE/CITY/COUNTY NO.	ID.	LOCATION - DESCRIPTION - MILEAGE - BREAK	WORK TYPE	FUNDING SOURCE	COST ESTIMATES (THOU)	SCHEDULE (FISCAL YEARS)
PUBLIC TRANSPORTATION PROJECTS						
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		379 FY 07
GASTON			CAPITAL	L		95 FY 07
TOTAL PROJECT COST						474
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		398 FY 08
GASTON			CAPITAL	L		99 FY 08
TOTAL PROJECT COST						497
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		418 FY 09
GASTON			CAPITAL	L		104 FY 09
TOTAL PROJECT COST						522
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		438 FY 10
GASTON			CAPITAL	L		110 FY 10
TOTAL PROJECT COST						548
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		461 FY 11
GASTON			CAPITAL	L		115 FY 11
TOTAL PROJECT COST						576
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		484 FY 12
GASTON			CAPITAL	L		121 FY 12
TOTAL PROJECT COST						605
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		508 FY 13
GASTON			CAPITAL	L		127 FY 13
TOTAL PROJECT COST						635
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		533 FY 14
GASTON			CAPITAL	L		133 FY 14
TOTAL PROJECT COST						666
GASTONIA		ADA SERVICE COSTS, PREVENTIVE MAINTENANCE AND ROUTINE CAPITAL ITEMS	CAPITAL	FUZ		560 FY 15
GASTON			CAPITAL	L		140 FY 15
TOTAL PROJECT COST						700
GASTONIA		VAN REPLACEMENT	CAPITAL	FUZ		84 FY 07
GASTON			CAPITAL	L		21 FY 07
TOTAL PROJECT COST						105
GASTONIA		VAN REPLACEMENT	CAPITAL	FUZ		96 FY 11
GASTON			CAPITAL	L		24 FY 11
TOTAL PROJECT COST						120
GASTONIA		VAN REPLACEMENT	CAPITAL	FUZ		108 FY 15
GASTON			CAPITAL	L		27 FY 15
TOTAL PROJECT COST						135
GASTONIA		CNG BUS REPLACEMENT - (1) TO HYBRID ELECTRIC	CAPITAL	FED		320 FY 10
GASTON			CAPITAL	L		80 FY 10
TOTAL PROJECT COST						400
GASTONIA		ADDITIONAL BUS FOR TRANSIT EXPANSION	CAPITAL	FUZ		320 FY 10
GASTON			CAPITAL	L		40 FY 10
GASTON			CAPITAL	STAT		40 FY 10

		TOTAL PROJECT COST		400
GASTONIA	TROLLEY BUS	FUZ		240 FY11
GASTON		L		60 FY11
		TOTAL PROJECT COST		300
GASTONIA	RADIO EQUIPMENT	FUZ		5 FY07
GASTON		L		1 FY07
		TOTAL PROJECT COST		6
GASTONIA	RADIO EQUIPMENT	FUZ		5 FY10
GASTON		L		1 FY10
		TOTAL PROJECT COST		6
GASTONIA	RADIO EQUIPMENT	FUZ		8 FY11
GASTON		L		2 FY11
		TOTAL PROJECT COST		10
GASTONIA	RADIO EQUIPMENT	FUZ		6 FY15
GASTON		L		1 FY15
		TOTAL PROJECT COST		7
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		12 FY07
GASTON		L		3 FY07
		TOTAL PROJECT COST		15
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		13 FY08
GASTON		L		3 FY08
		TOTAL PROJECT COST		16
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		14 FY09
GASTON		L		3 FY09
		TOTAL PROJECT COST		17
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		14 FY10
GASTON		L		3 FY10
		TOTAL PROJECT COST		17
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		14 FY11
GASTON		L		4 FY11
		TOTAL PROJECT COST		18
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		15 FY12
GASTON		L		4 FY12
		TOTAL PROJECT COST		19
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		16 FY13
GASTON		L		4 FY13
		TOTAL PROJECT COST		20
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		17 FY14
GASTON		L		4 FY14
		TOTAL PROJECT COST		21
GASTONIA	TRANSIT ENHANCEMENTS & MISC. - PEDESTRIAN WALKWAYS, LANDSCAPING, SIGNS, BUS SHELTERS, SECURITY, ETC.	FUZ		18 FY15
GASTON		L		4 FY15

