



2012 – 2018 Gaston Urban Area  
Amended Metropolitan Transportation Improvement Program (MTIP)  
Gaston Urban Area Metropolitan Planning Organization



## 2012-2018 Metropolitan Transportation Improvement Program (MTIP) Amendments

TIP Number	Project Type	Road	Project Description	Reason for Amendment	Current FY	Proposed FY	Total Cost
I-4928	Weigh Station	I-85	Weigh Station for Trucks	New Project	NA	TBD	TBD
Y-5500	Study	Statewide	Traffic separation Study Implementation and Closure	New Project	NA	2012	\$400,000
BK-5120	Bridge	SR 1802	Replace Bridge No. 170 on Colt Thornburg Road over Creek	Delayed Construction. Bridge management needs additional time to complete environmental document due to replacing bridge with culvert.	2011	2012	\$500,000
W-5311	Bridge	US 321 at Robinson Road	Replace overhead Railroad Bridge to allow for construction of two-lane, two-way road for Robinson Road. Construct right turn lane for US 321 northbound approach and construct two limited movement crossover and revise existing flasher.	Delayed right of way Delayed construction  Division waiting for railroad decision as to building a new bridge adjacent to project.	2011 2012	2012 2013	\$1,935,000
S-5106	Various, Phase II	Statewide	North Carolina Scenic Byways Land Conservation Initiative: to advance the permanent protection of natural, historic, cultural, and visual resources along 25 of North Carolina's Scenic Byways	Added right of way not previously programmed	NA	2012	\$2,145,500
I-5503	Road	I-85	Mill 2 inches, heavy patching and resurface on I-85 from MM 8.4 to MM 13.9	New Project	N/A	2013	\$7,000,000
C-4934	Road	NC 279 (New Hope Road)	Widen to five lanes from Burton wood Drive to SR 2466 (Garrison Boulevard).	ROW/Utilities Construction Transportation Planning Branch unable to move forward on current schedule due to local delay in retaining consultant.	2011 2011	2013 2014	\$5,400,000
EB-5014	Greenway	N/A	Mount Holly Riverfront Greenway - The length of the project is approximately 1.7 miles. It begins at Mount Holly Municipal Complex and ends at Tuckaseegee Park. The cross-section is a 10-foot wide asphalt surface with a 2-foot select material shoulder on either side of the asphalt pavement and a 3-foot grass shoulder.	Construction funding allocated	N/A	2013	\$800,000

**GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING (THOU) SOURCE	FISCAL YEARS										UNFUNDED FUTURE YEARS
					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
<b>INTERSTATE PROJECTS</b>															
I-85 GASTON	I-5000	I-85/US 321. GEOMETRIC SAFETY IMPROVEMENTS TO INTERCHANGE.	25600	1000	IM			R 4700							
					IM				C 9950	C 9950					
PLANNING/DESIGN IN PROGRESS															
I-85 CLEVELAND GASTON	I-5403	I-85, SOUTH CAROLINA STATE LINE TO MILEPOST 7.2 IN CLEVELAND COUNTY. MILL AND RESURFACE INCLUDING RAMPS. SR 2329 (SOUTH MAIN STREET- EXIT 22) IN GASTON COUNTY. REFURBISH RAMPS AND LOOPS WITH ASPHALT AND CONCRETE PAVEMENT.	3508	3508											
UNDER CONSTRUCTION															
I-85 GASTON	I-5387	I-85, MILE MARKER 17 TO MILE MARKER 24. PAVEMENT REHABILITATION. (7 MILES)	5700		IMPM							C 5700			
I-85 GASTON	I-5374	I-85, CLEVELAND COUNTY LINE TO MILE MARKER 12. PAVEMENT REHABILITATION. (3.9 MILES)	2100		IMPM							C 2100			
I-85 GASTON	I-5007	I-85, SOUTH FORK RIVER BRIDGE TO EXIT 27. PAVEMENT REHABILITATION. (3.1 MILES)	6503	4165	IMPM	CG 334	CG 334	CG 334	CG 334	CG 334	CG 334	CG 334	CG 334		
PROJECT COMPLETE - GARVEE BOND FUNDING \$3.05 MILLION; PAYBACK FY 2007 - FY 2018															
VARIOUS CATAWBA CLEVELAND GASTON IREDELL	I-5212	INTERSTATE MAINTENANCE PRESERVATION FOR DIVISION 12.	8860	886	IMPM	C 886	C 886	C 886	C 886	C 886	C 886	C 886	C 886		
UNDER CONSTRUCTION															
<b>RURAL PROJECTS</b>															
US 321 GASTON	R-2608*	RE-LOCATED US 321, I-85 WEST OF GASTONIA TO US 321 NORTH OF GASTONIA. FOUR LANE DIVIDED FREEWAY ON NEW LOCATION. (7.5 MILES)	157500		T									R 47500	
					T									C 110000	
UNFUNDED LOOP PROJECT															
NC 16 CATAWBA GASTON LINCOLN	R-2206	NC 16, SOUTH OF LUCIA IN GASTON COUNTY TO SR 1895 IN CATAWBA COUNTY. FOUR LANES DIVIDED ON NEW LOCATION. (16.9 MILES)	162312	162312											
A NC 16, GRADING AND STRUCTURES, SOUTH OF LUCIA IN GASTON COUNTY TO NORTH OF NC 73 IN LINCOLN COUNTY - COMPLETE AA NC 16, PAVING, SOUTH OF LUCIA IN GASTON COUNTY TO NORTH OF NC 73 IN LINCOLN COUNTY - COMPLETE B NC 16, GRADING AND STRUCTURES, NORTH OF NC 73 TO NORTH OF SR 1386 (EGYPT ROAD-ST. JAMES CHURCH ROAD) - COMPLETE BA NC 16, PAVING, NORTH OF NC 73 TO NORTH OF SR 1386 AND CONSTRUCTION OF CONNECTOR TO NC 16 - UNDER CONSTRUCTION C NC 16, GRADING AND STRUCTURES, NORTH OF SR 1386 IN LINCOLN COUNTY TO NORTH OF SR 1895 IN CATAWBA COUNTY - COMPLETE CA NC 16, PAVING, NORTH OF SR 1386 IN LINCOLN COUNTY TO NORTH OF SR 1895 NEAR CHRONICLE IN CATAWBA COUNTY - UNDER CONSTRUCTION SEGMENTS BA AND CA LET TOGETHER															

\* INDICATES INTRASTATE PROJECT



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					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
<b>URBAN PROJECTS</b>															
NC 274 (GASTONIA HIGHWAY) GASTON	U-3405	NC 274 (GASTONIA HIGHWAY), SR 1484 (MAINE AVENUE) TO NC 275 IN BESSEMER CITY. WIDEN TO FIVE LANES WITH CURB AND GUTTER. (1.4 MILES)	11904	11904											
UNDER CONSTRUCTION															
<b>FEDERAL BRIDGE PROJECTS</b>															
SR 1103 GASTON	B-4517	CROWDER'S CREEK. REPLACE BRIDGE NO. 49	1586	1586											
UNDER CONSTRUCTION															
SR 1802 GASTON	BK-5120	CREEK. REPLACE BRIDGE NO. 170	569	569											
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)															
SR 1905 GASTON	B-4118	STANLEY CREEK. REPLACE BRIDGE NO. 200	770	170	FA	C	600								
RIGHT OF WAY IN PROGRESS															
SR 1909 GASTON	B-5535	JOHNSTON CREEK. REPLACE BRIDGE NO. 198	1370		NFA							R	120		
					NFA								C	1250	
SR 1935 GASTON	B-4751	STANLEY CREEK. REPLACE BRIDGE NO. 203	1258	108	NFA							R	100		
					NFA								C	1050	
SR 2014 GASTON	B-4752	SOUTH FORK CATAWBA RIVER. REPLACE BRIDGE NO. 6	3515	600	NFA	R	265								
					NFA			C	2650						
SR 2439 GASTON	B-4753	DUHART'S CREEK. REPLACE BRIDGE NO. 15	1205	280	NFA	C	925								
RIGHT OF WAY IN PROGRESS															
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	BD-5112	DIVISION 12 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	29001	1001	NFA	R	200	R	200	R	200	R	200	R	300
					NFA	C	1800	C	1800	C	1800	C	1800	C	2700
										R	400	R	400	R	400
										C	3600	C	3600	C	3600
												R	500		
												C	4500		
PART UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)															

\* INDICATES INTRASTATE PROJECT

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING (THOU) SOURCE	5 YEAR WORK PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED
					FISCAL YEARS					FISCAL YEARS					FUTURE YEARS				
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020						
<b>FEDERAL BRIDGE PROJECTS</b>																			
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	BF-5312	SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 12.	200	20	NFA	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20		
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	BL-5512	BRIDGE IMPROVEMENTS IN DIVISION 12.	100		S	PE	100												
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	BS-5412	SCREEN AND EVALUATE POTENTIAL STATE FUNDED BRIDGE PROJECTS DIVISION 12.	200	20	S	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20		
<b>MUNICIPAL BRIDGE PROJECTS</b>																			
BESSEMER CITY GASTON	B-4575	MICKLEY AVENUE OVER NORFOLK SOUTHERN RAILROAD. REPLACE BRIDGE NO. 165	3175	675	NFAM	C	2000												
					C	C	500												
PLANNING/DESIGN AND RIGHT-OF-WAY IN PROGRESS BY BESSEMER CITY - MUNICIPAL BRIDGE																			
GASTONIA GASTON	B-4860	WEST DAVIDSON AVENUE. REPLACE BRIDGE NO. 421 OVER KAYLOR BRANCH.	1022	1022															
UNDER CONSTRUCTION BY THE CITY OF GASTONIA - MUNICIPAL PROJECT																			
GASTONIA GASTON	B-4344	TULIP DRIVE OVER KAYLOR BRANCH. REPLACE BRIDGE NO. 167	1226	1226															
UNDER CONSTRUCTION BY CITY OF GASTONIA - MUNICIPAL BRIDGE																			

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					5 YEAR WORK PROGRAM										FUTURE YEARS
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
<b>MITIGATION PROJECTS</b>															
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	EE-4912	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 12 PROJECT MITIGATION.	14330	14330											
IN PROGRESS															
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>															
BESSEMER CITY GASTON	EB-5531	12TH STREET, CHADWICK COURT TO KAISER ROAD AND YELLOW JACKET LANE/BESS TOWN ROAD, 12TH STREET TO 14TH STREET (NC 274) IN BESSEMER CITY. CONSTRUCT SIDEWALKS.	300		STPEB										
CRAMERTON GASTON	EB-5535	LAKEWOOD PARK TRAIL, LAKEWOOD PARK TO US 29/US 74 IN CRAMERTON. CONSTRUCT 10 FEET WIDE TRAIL.	680		STPEB										
GASTONIA GASTON	EB-5533	CAROLINA THREAD TRAIL, POSTON PARK TO SOUTH FORK RIVER IN GASTONIA. CONSTRUCT TRAIL.	875		STPEB										
GASTONIA GASTON	EB-5119	CAROLINA THREAD TRAIL: DOWNTOWN CONNECTOR TO HIGHLAND RAIL TRAIL IN GASTONIA. (0.2 MILE)	850	850											
UNDER CONSTRUCTION															
GASTONIA GASTON	EB-5113	HIGHLAND RAIL TRAIL - LONG CREEK GREENWAY IN GASTONIA.													
SCHEDULED FOR FEASIBILITY STUDY															
MOUNT HOLLY GASTON	EB-5534	CATAWBA CREEK GREENWAY EXTENSION IN MOUNT HOLLY, FERGUSON PARK TO DOWNTOWN. CONSTRUCT GREENWAY.	410		STPEB										
MOUNT HOLLY GASTON	EB-5114	MOUNT HOLLY RIVERFRONT GREENWAY.													
SCHEDULED FOR FEASIBILITY STUDY															
<b>CONGESTION MITIGATION PROJECTS</b>															
BELMONT GASTON	C-5505	RAIL TRAIL, WOODLAWN AVENUE TO BELMONT ABBEY COLLEGE AND DOWNTOWN. CONVERT ABANDONED NCDOT RAILROAD LINE TO A PEDESTRIAN TRAIL.	330		C		PE	30							
					CMAQ				C	240					
					C				C	60					
BESSEMER CITY GASTON	C-5506	REPLACE TWO PICK-UP TRUCKS WITH HYBRID VEHICLES IN BESSEMER CITY.	80		C		I	16							
					CMAQ		I	64							

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						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
<b>CONGESTION MITIGATION PROJECTS</b>															
CRAMERTON GASTON	C-5507	REPLACE FIVE CONVENTIONAL VEHICLES WITH HYBRID VEHICLES IN CRAMERTON.	200		CMAQ		I	150							
					C		I	50							
DALLAS GASTON	C-5508	DALLAS-HIGH SHOALS ROAD (OLD US 321), DALLAS CHERRYVILLE HIGHWAY TO PARK ROAD AND EAST ON PARK ROAD TO SAM RHYME COURT. CONSTRUCT SIDEWALKS.	237		C		C	47							
					CMAQ		C	190							
GASTONIA GASTON	C-5509	PURCHASE 10 VEHICLES AND 4 ELECTRIC CHARGING STATIONS IN GASTONIA.	600		CMAQ				I	480					
					C				I	120					
GASTONIA AND BELMONT GASTON	C-5185	GASTON MALL-FRANKLIN SQUARE AREA AND BELMONT AREA. CONSTRUCT PARK AND RIDE LOTS.	1000		CMAQ		PE	520							
					C		PE	130							
					CMAQ				R	200					
					C				R	50					
					CMAQ				C	80					
					C				C	20					
GASTONIA GASTON	C-5186	GASTONIA CCTV CAMERAS. INSTALL 6 CCTV CAMERAS TO THE EXISTING COMPURIZED TRAFFIC SIGNAL SYSTEM ON I-85 AT NC 7 (OZARK AVENUE); US 29/US 74 AT FRANKLIN SQUARE II; NC 279 (NEW HOPE ROAD) AT OZARD AVENUE; US 321 (CHESTER STREET) AT TULIP DRIVE-BULB AVENUE; NC 274 (BESSEMER CITY ROAD) AT NC 275 (DALLAS-BESSEMER CITY ROAD AND US 274 (UNION ROAD) AT SR 1255 (HUDSON BOULEVARD).	123		CMAQ		PE	2							
					C		PE	1							
					CMAQ				C	96					
					C				C	24					
NC 279 (NEW HOPE ROAD) GASTON	C-4934	NC 279 (NEW HOPE ROAD), BURTONWOOD DRIVE TO SR 2466 (GARRISON BOULEVARD) IN GASTONIA. WIDEN TO MULTI-LANES. (0.53 MILE)	5838	2788	CMAQ	C		2285							
					C	C		765							
RIGHT-OF-WAY IN PROGRESS															
<b>HAZARD ELIMINATION PROJECTS</b>															
US 321 GASTON	W-5311	US 321 AT SR 2416 (ROBINSON ROAD), AND US 321 JUST NORTH OF SR 2416. REPLACE OVERHEAD RAILROAD BRIDGE TO ALLOW FOR CONSTRUCTION OF TWO-LANE, TWO-WAY ROAD FOR SR 2416, CONSTRUCT RIGHT TURN LANE FOR US 321 NORTHBOUND APPROACH AND CONSTRUCT TWO LIMITED MOVEMENT CROSSEOVERS, AND REVISE EXISTING FLASHER.	2100	2100											
UNDER CONSTRUCTION															

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						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS			
<b>HAZARD ELIMINATION PROJECTS</b>																		
VARIOUS ALEXANDER CATAWBA CLEVELAND GASTON IREDELL LINCOLN	W-5212	DIVISION 12 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	1036	886	HES R 50 HES C 100													
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																		
<b>PASSENGER RAIL PROJECTS</b>																		
PIEDMONT AND NORTHERN RAILROAD GASTON	P-5200	RAIL CORRIDOR BETWEEN GASTONIA AND MT. HOLLY INCLUDING THE BELMONT SPUR. REACTIVATION OF RAIL CORRIDOR.	7100	7100														
IN PROGRESS																		

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						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM											
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020								
CHARLOTTE AREA TRANSIT GASTON	TD-4704C	Facility - Park & Ride - CATS X85 City of Belmont	1000		CMAQ US																	
					CMAQ STAT																	
					CMAQ L																	
GASTONIA TRANSIT GASTON	TA-4926	Expansion Bus	1742	500	FUZ US																	
					FUZ STAT																	
					FUZ L																	
GASTONIA TRANSIT GASTON	TA-5103	Replacement Bus	22221		FED TBD	C	721	C	4000	C	2500	C	2500	C	2500	C	2500					
GASTONIA TRANSIT GASTON	TD-5113	Facility - Intermodal Center - Land, Planning, Design, Construction	21900	5300	FBUS US	C	13280															
					FBUS STAT																	
					FBUS L																	
					FBUS STAT	C	1660															
					FBUS L	C	1660															
					FUZ US																	
					FUZ STAT																	
FUZ L																						
GASTONIA TRANSIT GASTON	TD-5253	Facility - Park & Ride - Gaston Multimodal Transportation Center	1000		CMAQ US																	
					CMAQ STAT																	
					CMAQ L																	
GASTONIA TRANSIT GASTON	TD-5254	Facility - Park & Ride - Gaston Exp between Belmont and Charlotte	1000		CMAQ US																	
					CMAQ STAT																	
					CMAQ L																	
GASTONIA TRANSIT GASTON	TG-5117	Routine Capital - Bus stop shelters, benches, shop equip., spare parts, engines, farebox, service vehicles, etc	2486	452	FUZ US	C	181	C	181	C	181	C	181	C	181	C	181					
					FUZ L	C	45	C	45	C	45	C	45	C	45	C	45	C	45			
GASTONIA TRANSIT GASTON	TO-5142	Operating Assistance	2917	514	SMAP STAT	O	267	O	267	O	267	O	267	O	267	O	267					
GASTONIA TRANSIT GASTON	TS-5110	Safety & Security - Min. 1% set aside	42	14	FUZ US	C	2	C	2	C	2	C	12	C	2	C	2					

\* INDICATES INTRASTATE PROJECT