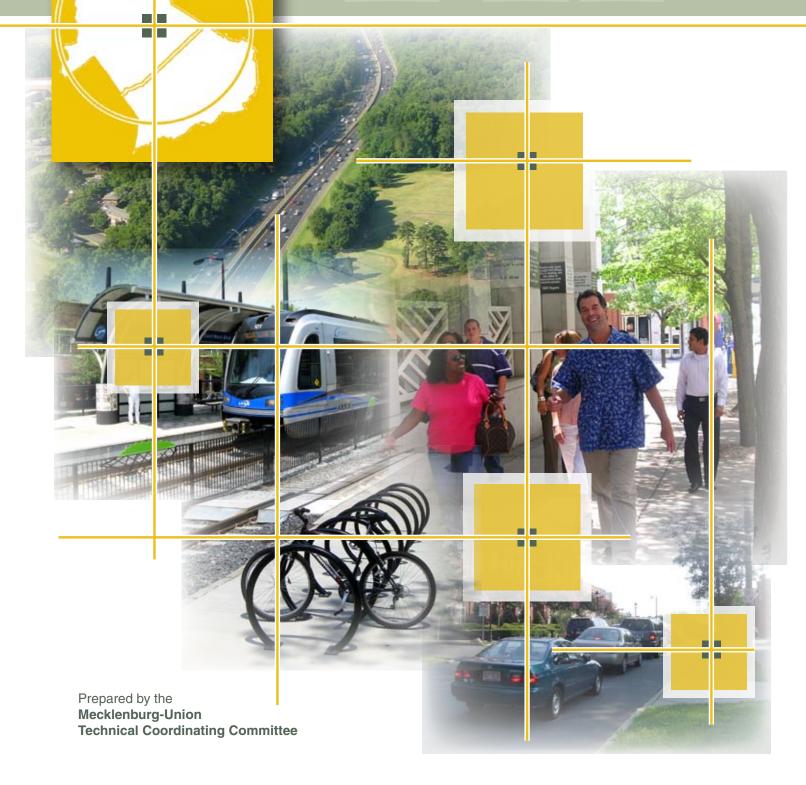
# 2012-2018 TRANSPORTATION IMPROVEMENT PROGRAM

MECKLENBURG-UNION

METROPOLITAN PLANNING ORGANIZATION



## Mecklenburg-Union Metropolitan Planning Organization

### 2012-2018 Transportation Improvement Program

Approved by the Metropolitan Planning Organization, July 20, 2011

MUMPO 600 E. Fourth Street Charlotte, North Carolina 28202 www.mumpo.org

## Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

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#### Section I 2012-2018 Transportation Improvement Program

This section includes all travel modes, excluding transit, as well as the TIP's Statewide component.

#### Section II 2012-2018 Transportation Improvement Program-Transit

This section includes all Transit projects.

#### Section III 2035 Long Range Transportation Plan Amendments

This section lists amendments to MUMPO's 2035 Long Range Transportation Plan necessitated by project schedule changes between the 2009-2015 and 2012-2018 TIPs.

#### Section IV Resolutions

This section includes the three resolutions adopted by the MPO when it took action on the TIP:

- TIP adoption
- LRTP amendments
- Conformity determination

For additional information, please contact Robert Cook at 704-336-8643 or <a href="mailto:rwcook@charlottenc.gov">rwcook@charlottenc.gov</a>

## Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

#### Introduction

The Transportation Improvement Program (TIP) is a 7-year financial program that describes the schedule for obligating federal funds to state and local projects. The TIP contains funding information for all modes of transportation. The TIP is updated every two years. While estimated completion dates are given for projects in the plan, it should be noted that the TIP is not a Capital Improvement Program. The TIP represents an agency's intent to construct or implement a specific project and the anticipated flow of federal funds and matching state or local contributions.

The TIP was adopted by the Metropolitan Planning Organization (MPO) on July, 20, 2011. At that time, the MPO adopted amendments to its 2035 Long Range Transportation Plan and found the TIP and amended LRTP to be in compliance with the provisions of the Clean Air Act Amendments of 1990 and the Safe, Accountable, Flexible, Efficient Transportation Equity Act, a Legacy for Users Act (SAFETEA-LU).

## Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

#### Section I 2012-2018 Transportation Improvement Program

This section lists all projects (excluding Transit) proposed to be funded over the during the seven year life of the TIP. The Statewide component of the TIP is also included.

The Transportation Improvement Program (TIP) is a 7-year financial program that describes the schedule for obligating federal funds to state and local projects. The TIP contains funding information for all modes of transportation. The TIP is updated every two years. While estimated completion dates are given for projects in the plan, it should be noted that the TIP is not a Capital Improvement Program. The TIP represents an agency's intent to construct or implement a specific project and the anticipated flow of federal funds and matching state or local contributions.

MUMPO's TIP includes two projects not shown in the state TIP. The projects will be funded by the City of Charlotte, and their inclusion in the TIP is necessary due to being classified as "regionally significant" as per the Clean Air Act (amended) (40 CFR 93.101). Project details are below:

#### 1. Airport Entrance Road

Wilkinson Boulevard to Josh Birmingham Parkway Construct new entrance road to Charlotte-Douglas International Airport

#### 2. Freedom Drive, NC Highway 27

Edgewood Drive to Toddville Road Widen roadway to four lanes

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

TOTAL PRIOR

PROJ YEARS

5 VEAR WORK PROGRAM

DEVELOPMENTAL PROGRAM

UNEUNDED

ROUTE/CITY		LOCATION / DESCRIPTION	COST	YEARS COST FUNDING		5	YEAR WORK	PROGRAM				DEVELOPME	NTAL PROGRAM	1	UNFUNDED
COUNTY	ID Number	(LENGTH)			FY 2012	FY 2013	FY 201	4 FY 2	015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
INTERSTATE PR I-77 MECKLENBURG	ROJECTS I-4720	I-77, I-277 (EXIT 9) TO THE SOUTH CAROLINA STATE LINE. RESURFACE WITH NOVACHIP. (9.3 MILES)	3693			CG 276	<u> </u>		276 CC		CG 276	CG 276			
I-77	I-5317	I-77, MILE MARKER 10.4 TO MILE MARKER	1800			CATTVEE BOTT	o i onblita (2.5	I III I		C 1800					
MECKLENBURG		13. PAVEMENT REHABILITATION. (1.6 MILES	5)												
I-77 MECKLENBURG	I-4733	I-77/SR 5544 (WEST CATAWBA AVENUE) IN CORNELIUS. MODIFY INTERCHANGE.	14280	8045 DP F	860	C 5375									
				PLANNING	DESIGN IN	PROGRESS - CO	OORDINATE WIT	H I-4750							
I-77 IREDELL MECKLENBURG	I-4750	I-77, SR 5544 (WEST CATAWBA AVENUE - EXIT 28) TO I-40. WIDEN AND RECONSTRUCT ROADWAY. (23 MILES)	506500	IM NHS NHS IM NHS NHS IM NHS IM NHS CONTROL IM	S 21 (EXIT 3 C 115/US 21	ST CATAWBA AV 33) TO NC 115/US 1 (EXIT 42) TO I-4 PROGRESS - CC	3 21 (EXIT 42) 0		REDELL CO	OUNTY (EXIT 33	R 14000 A			C 31600 A C 47400 A	R 17500 B C 63200 B C 94800 B R 17500 C C 88000 C C 132000 C
I-77 Mecklenburg	I-5368	I-77, MILE MARKER 13 TO MILE MARKER 24. PAVEMENT REHABILITATION (12 MILES)	8200	IMPM									C 8200		
I-77 MECKLENBURG	I-5382	I-77, MILE MARKER 24 TO IREDELL COUNTY LINE. PAVEMENT REHABILITATION. (6.3 MILES)	2300										C 2300		
I-77 MECKLENBURG	I-5345	I-77, SOUTH CAROLINA LINE TO MILE MARKER 10. PAVEMENT REHABILITATION ON RAMPS ONLY. (9.9 MILES)	500	ІМРМ							C 500				

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

ROUTE/CITY		LOCATION / DESCRIPTION		YEARS COST FUNDING	5 YE	AR WORK PRO	GRAM			DEVELOPME	NTAL PROGRAI	М	UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
INTERSTATE PR I-77 MECKLENBURG	OJECTS I-3311	I-77, 5TH STREET IN CHARLOTTE TO SR 554 (WEST CATAWBA AVENUE - EXIT 28). ADDITIONAL LANES. (17.4 MILES)	14 282872	100302 NHS	URR ROAD), WEST OTTE OUTER LOOF TO 1-85. HIGH OCCU OTTE OUTER LOOF 177/NC 16 (BROOKS	OF I-77 TO EAST ) TO SR 5544 (WE PANCY VEHICLE ) TO SR 2136 (GI	OF I-77; SR 2136 ST CATAWBA AV (HOV) LANES LEAD ROAD) - CO	(GILEAD ROAD), V VENUE) EXIT 28 OMPLETE	WEST OF I-77 TO	EAST OF I-77 - CO	MPLETE		R 100 B C 47000 B R 3600 C M 2270 C C 117500 C
I-77 MECKLENBURG	I-5128	I-77, NATIONS FORD ROAD TO CATAWBA AVENUE. PAINT BRIDGES AT SELECTED LOCATIONS.	1036	1036 A BRIDGE PAINTING	- UNDER CONSTR	UCTION							
I-77 MECKLENBURG	I-5405	I-77, I-277 (BROOKSHIRE FREEWAY) TO WEST CATAWBA AVENUE (EXIT 28). CONSTRUCT HIGH OCCUPANCY TOLL (HOT LANES AND CONVERT EXISTING HIGH OCCUPANCY VEHICLE (HOV) LANES TO HIGH OCCUPANCY TOLL (HOT) LANES. (17 MILES)	64412	NHS NHS NHS BOND CMAQ NHS  A I-77, I-277 (BROOK B I-77, I-485 TO WES	•				ANES				
I-77 MECKLENBURG	I-5381	I-77, SOUTH CAROLINA LINE TO MILE MARKER 9.9 (BEGINNING OF CONCRETE). PAVEMENT REHABILITATION. (9.9 MILES)	6300	ІМРМ						C 6300			
I-85 MECKLENBURG	I-5396	I-85, MILE MARKER 28.4 TO MILE MARKER 29.8. PAVEMENT REHABILITATION. (1.4 MILES)	1000	ІМРМ								C 1000	
I-85 CABARRUS MECKLENBURG	I-5394	I-85, MILE MARKER 42 TO MILE MARKER 49. PAVEMENT REHABILITATION. (7 MILES)	7300	IMPM								C 7300	
I-85 MECKLENBURG	I-5347	I-85, MILE MARKER 36 TO MILE MARKER 42. PAVEMENT REHABILITATION ON RAMPS ONLY. (6 MILES)	100	ІМРМ				C 100					
I-85 MECKLENBURG	I-5006	I-85, GASTON COUNTY LINE TO CONCRETE PAVEMENT IN MECKLENBURG COUNTY NEAR SR 1601. PAVEMENT REHABILITATION. (0.7 MILE)	1602	804 IMPM CG 114 PROJECT COMPLETE				CG 114 FY 2007 - FY 2018	CG 114	CG 114			

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

TOTAL PRIOR

PROJ YEARS

5 VEAR WORK PROGRAM

DEVELOPMENTAL PROGRAM

UNEUNDED

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	COST	YEARS COST FUNDING (THOU) SOURCE FY 201		AR WORK PRO	FY 2015	FY 2016	FY 2017	DEVELOPME FY 2018	NTAL PROGRA	<u>И</u> FY 2020	UNFUNDED FUTURE YEARS
INTERSTATE PI I-85 CABARRUS MECKLENBURG	1-3803	I-85, US 29/NC 49 CONNECTOR, MECKLENBURG COUNTY TO NC 73 IN CABARRUS COUNTY. ADD ADDITIONAL LANES. (COORDINATE WITH U-3415) (12.8 MILES)	292991		B C 10325 B US 29/NC 49 CONNEC SR 2894 (CONCORD N		`	LLS - BRUTON SMITI	,	COMPLETE		CG 11296 B	CG 11296 B
					E BOND FUNDING \$10	3 MILLION; CON	STRUCTION - PA	AYBACK FY 2010 - F	Y 2021				
I-85 MECKLENBURG	I-5369	I-85, MILE MARKER 36 TO MILE MARKER 42. PAVEMENT REHABILITATION. (6 MILES)	8900	IMPM						C 8900			
I-85 MECKLENBURG	I-5346	I-85, MILE MARKER 29.8 TO MILE MARKER 36. PAVEMENT REHABILITATION. (6.3 MILES	6600 )	ІМРМ					C 6600				
I-277 MECKLENBURG	I-5348	I-277, US I-77/US 74 TO MILE MARKER 2. PAVEMENT REHABILITATION. (2 MILES)	1100	IMPM				C 1100					
I-277 MECKLENBURG	I-5370	I-277, MILE MARKER 2.6 (BEGINNING OF ASPHALT) TO NC 16/I-77. PAVEMENT REHABILITATION. (1.9 MILES)	1000	IMPM						C 1000			
I-485 MECKLENBURG	I-5318	I-485, MILE MARKER 51 TO MILE MARKER 61. PAVEMENT REHABILITATION. (8 MILES)	8000	IMPM			C 8000						
I-485 MECKLENBURG	I-5343	I-485, MILE MARKER 37 TO MILE MARKER 40. PAVEMENT REHABILITATION. (3 MILES)	4500	IMPM					C 4500				
I-485 MECKLENBURG	I-5384	I-485, MILE MARKER 43 TO MILE MARKER 51. PAVEMENT REHABILITATION. (8 MILES)	7900	IMPM							C 7900		
I-485 MECKLENBURG	I-5398	I-485, MILE MARKER 40 TO MILE MARKER 43. PAVEMENT REHABILITATION. (3 MILES)	4500	IMPM								C 4500	
I-485 MECKLENBURG	I-5397	I-485, MILE MARKER 33 TO MILE MARKER 37. PAVEMENT REHABILITATION. (10 MILES)	14900	IMPM								C 14900	
I-485 MECKLENBURG	I-5344	I-485, MILE MARKER 31 TO MILE MARKER 33. PAVEMENT REHABILITATION. (2 MILES)	2900	IMPM				C 2900					
I-485 MECKLENBURG	I-5383	I-485, I-77 TO MILE MARKER 3. PAVEMENT REHABILITATION. (6 MILES)	3200	IMPM						C 3200			
VARIOUS CABARRUS MECKLENBURG	I-5210	INTERSTATE MAINTENANCE PRESERVATION FOR DIVISION 10.	14030	1448 <mark>IMPM C 1398</mark>	C 1398	C 1398	C 1398	C 1398	C 1398	C 1398	C 1398	C 1398	
				IN PROGRESS									

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK FISCAL YEARS TOTAL PRIOR PROJ YEARS DEVELOPMENTAL PROGRAM UNFUNDED 5 YEAR WORK PROGRAM ROUTE/CITY LOCATION / DESCRIPTION COST COST FUNDING ID (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2015 FY 2016 FY 2017 FY 2020 **FUTURE YEARS** FY 2014 FY 2018 FY 2019 COUNTY NUMBER **RURAL PROJECTS** 2000 NHS R-4902\* I-485, I-77 SOUTH OF CHARLOTTE TO US 521 66545 (JOHNSTON ROAD). WIDEN TO SIX-LANES. NHS 550 **MECKLENBURG** (6.6 MILES) NHS 895 NHS 21000 C 21000 C 21000 PLANNING/DESIGN IN PROGRESS - DESIGN/BUILD PROJECT I-485 (CHARLOTTE SOUTHERN OUTER 276431 256328 NHS 6100 EC I-485 R-0211\* LOOP), WEST OF I-77 TO US 74. MULTI-LANE **MECKLENBURG** NHS 103 EC FREEWAY ON NEW LOCATION. (16.6 MILES) NHS EC I-485/SR 3468 (WEDDINGTON ROAD). CONSTRUCT INTERCHANGE PART COMPLETE - REMAINDER UNFUNDED LOOP PROJECT I-485 I-485 (CHARLOTTE EASTERN OUTER LOOP). 333929 256739 NHS 5484 CE CG 5484 CE CG 5484 CE CG 5484 CE CG US 74 EAST (INDEPENDENCE BOULEVARD) NHS 10875 CE 10875 CE С MECKLENBURG TO I-85 NORTH. CONSTRUCT FREEWAY ON NHS 600 CG **NEW LOCATION. (18.8 MILES)** CE I-485/I-85 INTERCHANGE CG SEPARATE ITS CONTRACT FOR R-2123 CE PART COMPLETE - GARVEE BOND FUNDING \$50 MILLION; CONSTRUCTION - PAYBACK FY 2010 - FY 2021 I-485 (CHARLOTTE WESTERN OUTER LOOP), 751926 645836 NHS 5484 E CG 5484 E CG 5484 E CG 5484 E CG 5484 E 5484 E CG 5484 E 5484 E CG 5484 E 5484 E I-485 WEST OF I-77 TO I-85 NORTH. FREEWAY ON NHS 24375 E C 24375 E MECKLENBURG **NEW LOCATION. (28 MILES)** С 1500 EA I-485, WEST OF I-77 SOUTH TO US 29-74 - COMPLETE BA I-485, NORTH OF US 29/US 74 (WILKINSON BOULEVARD) TO NORTH OF I-85 - COMPLETE BB I-485, NORTH OF I-85 TO NORTH OF NC 27 - COMPLETE I-485. NORTH OF NC 27 (MOUNT HOLLY ROAD) TO EAST OF SR 2042 (OAKDALE ROAD) - COMPLETE I-485, EAST OF SR 2042 (OAKDALE ROAD) TO EAST OF NC 115 (OLD STATESVILLE ROAD) - COMPLETE I-485, EAST OF NC 115 (OLD STATESVILLE ROAD) TO I-85 NORTH - UNDER CONSTRUCTION AS DESIGN-BUILD PROJECT EA ITS FOR R-2248 E **EB EDINMEADOW DRIVE NEPA STUDY** I-485, WEST OF I-77 TO ARROWOOD ROAD-BROWN GRIER ROAD - COMPLETE I-485 INTERCHANGE WITH SR 2042 (OAKDALE ROAD) I-485 INTERCHANGE WITH SR 1148 (GARRISON ROAD) - UNDER CONSTRUCTION

GARVEE BOND FUNDING \$50 MILLION; CONSTRUCTION - PAYBACK FY 2010 - FY 2021

US 74 BYPASS, I-485 (CHARLOTTE OUTER	794607	242539	NHS	RG	11296	RG	11296	RG	11296	RG	11296	RG	11296	
LOOP) TO PROJECT R-2559 (US 74 MONROE			NHS	CG	7567	CG	7567	CG	7567	CG	7567	CG	7567	
BYPASS). MULTI-LANE FREEWAY ON NEW			APRBD	С	237000									
LOCATION. (COORDINATE WITH U-3825).			BOND	С	10000									

RG	11296								
CG	7567								
		C	191890						

NC TURNPIKE AUTHORITY PROJECT - \$103 M IN GARVEE BOND FUNDING FOR RIGHT-OF-WAY AND \$69 M IN GARVEE BOND FUNDING FOR CONSTRUCTION - BOND FUNDING IN FY 12 AND FY 18 REPRESENTS REVENUE BONDS THAT WILL RETIRE GARVEE BONDS

R-3329\*

(10.5 MILES)

**US 74 BYPASS** 

UNION

MECKLENBURG

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

			TOTAL	PRIOR			LOI WOMK?		ISCAL YEARS	100711100201	DILAK			
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	COST	YEARS COST FUNDING (THOU) SOURCE	FY 2012	<i>5 YEA</i> FY 2013	FY 2014	GRAM FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	UNFUNDED FUTURE YEARS
RURAL PROJECTS US 74 UNION	R-2559*	US 74 MONROE BYPASS. FOUR LANES DIVIDED ON NEW LOCATION. (9.2 MILES)	29655		ONSTRUCTIO	N AS DESIGN-BUILD	) - NORTH CARO	LINA TURNPIKE	E AUTHORITY PROJE	CT - SEE R-3329	FOR ADDITIONAL	FUNDING		
NC 73 MECKLENBURG	R-2632	NC 73, US 21 TO SR 2693 (DAVIDSON- CONCORD ROAD). WIDEN TO MULTI- LANES. (4.3 MILES)	41338	STP AA NC 73		C 115 - UNDER CON SR 2693 (DAVIDSON-	•	•						R 7100 AB C 10000 AB
SR 5544 WEST CATAWBA AVENUE MECKLENBURG	R-2555	SR 5544 (WEST CATAWBA AVENUE), NC 73 (SAM FURR ROAD) TO EAST OF SR 2195 (TORRENCE CHAPEL ROAD). WIDEN TO MULTI-LANES. (3.4 MILES)	30537	S A SR 55	•	•	•	•	R 5000 B 2195 (TORRENCE CHA	•	C 3750 B	C 3750 B		
CITY BOULEVARD EXTENSION MECKLENBURG	R-2420	CITY BOULEVARD EXTENSION, RELOCATED MALLARD CREEK ROAD (U-2507) TO US 29/NC 49 IN CHARLOTTE. FOUR LANES DIVIDED, PART ON NEW LOCATION. (2.1 MILES)	24771	A CITY E B CITY E BA CITY E	BOULEVARD BOULEVARD BOULEVARD,	EXTENSION, RELOC EXTENSION, SR 249, INTERCHANGE AT	CATED MALLARI 18 (NEAL ROAD) 1-85 - COMPLET	O CREEK ROAD TO EAST OF I-8	TO SR 2498 (NEAL R	COAD)				
URBAN PROJECTS US 74 (INDEPENDENCE BOULEVARD) MECKLENBURG	•	US 74 (INDEPENDENCE BOULEVARD), BROOKSHIRE FREEWAY TO IDLEWILD ROAD IN CHARLOTTE. ADD ADDITIONAL LANES AND CONSTRUCT INTERCHANGES WITH SHARON AMITY ROAD AND IDLEWILD ROAD AND SAFETY IMPROVEMENTS. (1.4 MILES)	231293	NHS CC S(M) C C C C NHS B US 74 BA SEPAI	4606 B 12800 B 6600 B (INDEPENDE	ENCE BOULEVARD), INTRACT FOR U-209 RVEE BOND FUNDIN	CG 4606 B  C 1400 BA  NC 24/NC 27 (AL  B				CG 4606 B	CG 4606 B	CG 4606 B	RG 5484 B CG 13818 B
NC 160 (WEST BOULEVARD) RELOCATION MECKLENBURG	U-3411	NC 160 (WEST BOULEVARD) RELOCATION, EAST OF 1-485 (CHARLOTTE OUTER LOOP) TO HORSESHOE LANE IN CHARLOTTE. MULTI-LANES ON NEW LOCATION. (2.3 MILES)												
				UNDER CO	NSTRUCTIO	N BY OTHERS - NCC	OT TO CONTRIE	UTE \$1.7 MILLI	ON TOWARDS CONS	TRUCTION COST	Г			

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

**FISCAL YEARS** TOTAL PRIOR PROJ YEARS DEVELOPMENTAL PROGRAM UNFUNDED 5 YEAR WORK PROGRAM ROUTE/CITY **LOCATION / DESCRIPTION** COST COST FUNDING ID (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2015 FY 2016 FY 2017 FY 2018 FY 2020 **FUTURE YEARS** FY 2014 FY 2019 COUNTY NUMBER **URBAN PROJECTS** U-4714 9700 A **SR 1009 (JOHN** SR 1009 (JOHN STREET-OLD MONROE 87000 ROAD), SR 3448-SR 3474 (TRADE STREET) STP С 7700 A STREET-OLD TO SR 1377 (WESLEY CHAPEL-STOUTS STPDA 17040 B MONROE ROAD) **ROAD). WIDEN TO MULTI-LANES. (6.5 MILES)** S(M) 4260 B **MECKLENBURG** STPDA 13520 B UNION S(M) 3380 B STP R 17500 C С 13900 C SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 3448-SR 3474 (TRADE STREET) TO I-485 SR 1009 (JOHN STREET-OLD MONROE ROAD), I-485 TO SR 1008 (INDIAN TRAIL ROAD) C SR 1009 (JOHN STREET-OLD MONROE ROAD), SR 1008 (INDIAN TRAIL ROAD) TO SR 1377 (WESLEY CHAPEL-STOUTS ROAD) 4580 FED CONSTRUCT SR 2975 (SUGAR CREEK ROAD) 2000 **SR 2975 (SUGAR** U-5008 40000 **GRADE SEPARATION OF NORTH CAROLINA** 1000 CREEK ROAD) **RAILROAD CROSSING 715 352H IN** FED 2000 MECKLENBURG CHARLOTTE. FED PE 1000 FED 1000 FED O 4420 С 5000 5000 5000 5000 С С 4000 PROJECT TO BE ADMINISTERED BY CITY OF CHARLOTTE AND NCRR - IN PROGRESS SR 3174-SR 1501 SR 3174-SR 1501 (IDLEWILD ROAD), I-485 TO STP U-4913 3447 SR 1524 (STEVENS MILL ROAD). WIDEN TO STP **IDLEWILD ROAD MULTI-LANES. (0.8 MILE)** STP MECKLENBURG UNION SR 3440 (MCKEE SR 3440 (MCKEE ROAD) EXTENSION, SR 9800 STPDA 3457 (CAMPUS RIDGE ROAD) TO SR 3448 200 B **ROAD) EXTENSION** (PLEASANT PLAINS ROAD) IN MATTHEWS. STPDA 1600 B MECKLENBURG TWO LANES ON MULTI-LANE RIGHT OF WAY 400 B ON NEW LOCATION. (1.1 MILES) STP 3900 A 2900 A A SR 3440 (MCKEE ROAD) EXTENSION, SR 3448 (PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET) SR 3440 (MCKEE ROAD) EXTENSION, R 1009 (JOHN STREET) TO SR 3457 (CAMPUS RIDGE ROAD) PLANNING AND DESIGN OF SEGMENT" B" BY TOWN OF MATTHEWS VARIOUS STP-DA IN MECKLENBURG-UNION 2840 2400 10000 U-4744 69175 С 280 C 9760 10000 C 10000 10000 METROPOLITAN PLANNING ORGANIZATION C 2440 2500 2500 MECKLENBURG (MUMPO). UNION **VARIOUS** U-4950 MECKLENBURG-UNION METROPOLITAN 9000 STPDA PLANNING ORGANIZATION (MUMPO) **MECKLENBURG** PLANNING (PL) SUPPLEMENT. UNION FORMERLY U-9999C - IN PROGRESS

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

ROUTE/CITY	ID	LOCATION / DESCRIPTION		YEARS COST FUNDING		R WORK PRO					NTAL PROGRAM	_	UNFUNDED
COUNTY	NUMBER	(LENGTH)	(THOU)	(THOU) SOURCE FY 20	12 FY 2013	FY 2014	FY 2015	FY 2016	FY 201	7 FY 2018	FY 2019	FY 2020	FUTURE YEARS
URBAN PROJEC US 74 (INDEPENDE BOULEVARD) MECKLENBURG		US 74 (INDEPENDENCE BOULEVARD), CHARLOTTE OUTER LOOP TO IDLEWILD ROAD IN CHARLOTTE. UPGRADE CORRIDOR TO PROVIDE ADDITIONAL CAPACITY AND SAFETY. (6.3 MILES)	232420	•	NDENCE BOULEVARD),				P	R 15000 A U 2500 A	R 15000 A U 2500 A	C 24500 A	C 73500 A R 30000 B U 5000 B C 64000 B
CHARLOTTE MECKLENBURG	U-5507	CONSTRUCT NORTHWEST ARC OF THE I- 485/PROSPERITY CHURCH ROAD INTERCHANGE IN CHARLOTTE.	10500	STPDA C			C 4800 C 5700						
				PROJECT TO BE A	OMINISTERED BY THE C	ITY OF CHARLO	TTE						
CHARLOTTE MECKLENBURG	U-5107	CONSTRUCT TRANSPORTATION IMPROVEMENTS AT THE MARION DIEHL CENTER (QUEENS UNIVERSITY) IN CHARLOTTE.	780	HP C 624 O C 156									
				CONSTRUCTION B	OTHERS								
CHARLOTTE MECKLENBURG	U-5011	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT. CONSTRUCT FREIGHT INTERMODAL FACILITY.	13438	DP C 4300 HP C 6450 O C 2680									
				IN PROGRESS									
CHARLOTTE MECKLENBURG	U-5012	SOUTH PIEDMONT FREIGHT INTERMODAL CENTER. CONSTRUCT FACILITY.	5375	DP C 4300 O C 1079									
CHARLOTTE MECKLENBURG	U-5013	NORFOLK SOUTHERN INTERMODAL SYSTEM.	4300	HP C 3444 O C 860									
CHARLOTTE MECKLENBURG	U-5210	FLEX STP FUNDING TO CHARLOTTE AREA TRANSIT SYSTEM (CATS).	1500	1500 FUNDS FLEXED TO	FTA								
CHARLOTTE MECKLENBURG	U-4754	EXTEND METROLINA TRANSPORTATION MANAGEMENT CENTER INTERCONNECT BY INSTALLING COMMUNICATIONS CABLE AND ROADSIDE EQUIPMENT ALONG I-85 FROM EAST OF I-485 TO MALLARD CREEK CHURCH ROAD, NC 49 (UNIVERSITY CITY BOULEVARD) AT I-485, I-485 NORTH OF SOUTH OULEVARD, AND I-277 EAST OF CLARKSON STREET.		1295 UNDER CONSTRUC									
				ONDER CONSTRUC	TION .								

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	PROJ COST	YEARS COST FUNDING (THOU) SOURCE		<i>5 YE</i> FY 2013	AR WORK PR	OGRAM FY 2015	FY 2016	FY 20		FY 2018	NTAL PROGRA FY 2019	FY 2020	UNFUNDED FUTURE YEARS
URBAN PROJECT CHARLOTTE MECKLENBURG	<u>'S</u> U-4911	BELMONT NEIGHBORHOOD INFRASTRUCTURE AND STREETSCAPE IMPROVEMENTS IN CHARLOTTE.	1229	307 DP DP	R 175 C 747								Н		
				PROJECT	TO BE ADMIN	NISTERED BY CITY	OF CHARLOTT	E							
CHARLOTTE MECKLENBURG	U-5133	UPGRADE-EXPAND TRAFFIC SIGNAL AND MANAGEMENT SYSTEM IN CHARLOTTE.	3914	B CHAF C CHAF	RLOTTE - NC 5 RLOTTE - TRA	NOUS - UNDER CO 51 - UNDER CONST DE STREET - UND VERSITY AREA (NO	TRUCTION ER CONSTRUC		RIS AND NC 49) - U	NDER CONST	RUCTION				
CHARLOTTE MECKLENBURG	U-4401*	SR 2804 (REEDY CREEK ROAD) AND SR 280 (HARRISBURG ROAD) IN CHARLOTTE. REALIGN INTERSECTION. (0.81 MILE)	5 1174	1174	ONSTRUCTION	N - I FT WITH R-458	80 - CONSTRUC	TION FUNDING F	OR U-4401 AUTHOR	IZFD WITH R-	4580				
SR 2467 (MALLARD CREEK ROAD) MECKLENBURG	U-2507	SR 2467 (MALLARD CREEK ROAD), SR 2480 (SUGAR CREEK ROAD) TO SR 2472 (MALLARD CREEK CHURCH ROAD) IN CHARLOTTE. WIDEN TO MULTI-LANES, PART ON NEW LOCATION. (4.1 MILES)	46907	26107 STPDA S(M)  A SR 24  B SR 24	C 16640 A C 4160 A	O CREEK ROAD), S	R 2480 (SUGAR	CREEK ROAD) T	O SR 2665 (HARRIS RD) TO SR 2472 (MA	BOULEVARD	) - RIGHT (				
DAVIDSON MECKLENBURG	U-5113	CONSTRUCT MULTI-USE PARKING DECK IN DAVIDSON. JOINT PROJECT WITH CATS.	2500	STPDA C PROJECT	TO BE ADMIN	NISTERED BY THE	TOWN OF DAV	C 2000 C 500 DSON							
ELIZABETH AVENUE MECKLENBURG	U-4912	ELIZABETH AVENUE REDEVELOPMENT IN CHARLOTTE.	492	492	AUTHORIZED	) - PROJECT TO BE	: ADMINISTERE	D BY CITY OF CH	IARI OTTE						
NORTHCROSS DRIVE EXTENSION MECKLENBURG	E U-5108	NORTHCROSS DRIVE EXTENSION, END OF NORTHCROSS DRIVE TO WESTMORELAND ROAD IN CORNELIUS. CONSTRUCT ROAD ON NEW LOCATION.	4500	STPDA C			C 3600 C 900								
SD 1216 (DEA DOAD)	U-3467	SD 1216 (DEA DOAD) EYTENSION NO 16 TO	38984	STP	TO BE ADMIN	NISTERED BY THE	TOWN OF COR	NELIUS	R 300 A					<del>                                     </del>	
SR 1316 (REA ROAD) EXTENSION UNION	U-340 <i>1</i>	SR 1316 (REA ROAD) EXTENSION, NC 16 TO SR 1008 (INDIAN TRAIL-WAXHAW ROAD) IN WEDDINGTON. MULTI-LANES, PART ON NEW LOCATION. (3.8 MILES)	36964	STP	316 (REA ROA	D) EXTENSION, NCO D) EXTENSION, 100 D) EXTENSION, NCO	00 FEET EAST (	F NC 16 TO NC 8	16	C 70	00 A				R 3100 B M 42 B C 15500 B R 3000 C M 42 C C 10000 C

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

TOTAL PRIOR

ROUTE/CITY		LOCATION / DESCRIPTION		YEARS COST FUNDING		5	YEAR W	VORK PRO	OGRAM					DEVELOPM	ENTAL PR	OGRAM	1		UNFUNDED
COUNTY	ID NUMBER			(THOU) SOURCE	FY 2012	FY 2013	F	FY 2014	FY 201	5	FY 2016	FY	2017	FY 2018	FY 2	019	FY 2020		FUTURE YEAR
URBAN PROJEC I-277 (JOHN BELK FREEWAY) MECKLENBURG	<u>TS</u> U-3850	I-277 (JOHN BELK FREEWAY) AT I-77. ADD WESTBOUND LANE THROUGH I-77 INTERCHANGE IN CHARLOTTE. (0.5 MILE)	4000	350 IM IM		R 100			C 3550										
GARDEN PARKWAY GASTON MECKLENBURG	U-3321*	GARDEN PARKWAY, I-85 IN GASTON COUNTY TO I-485/NC 160 NEAR THE CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT IN MECKLENBURG COUNTY. FOUR LANES ON NEW LOCATION. (18.8 MILES)	946546	BOND   BO	27000 AA J 1700 AA C 5000 AA R 13000 B D 800 B C 3000 C D 3600 C D 9000 C EN PARKWAY	U 2700 / C 46000 / R 15000   U 1300   C 27000   U 6000   C 78000   C 78000	AA U AA C B R B U B C R C U C C C C C C C C C C C C C C C C C C	STRUCT FIN ONSTRUCT ISTRUCT FO	C 51000 R 1000 C 30000 R 1000 C 87000 C 7000 C 11000 C 2400 O LANES ON AL TWO LANE OUR LANES	B C C C DA C DB C E C	65000 C 6000 DA 9000 DB 2900 E	AT OF WAY	Y						C 45000 AB
HUNTERSVILLE	U-5114	INTERSECTION OF US 21 AND GILEAD ROAD	3125		A/DESIGN IN P	ROGRESS - NO	ORTH CAF	ROLINA TU	RNPIKE AUT		PROJECT					11			
MECKLENBURG		IN HUNTERSVILLE. CONSTRUCT INTERSECTION IMPROVEMENTS, INCLUDING BICYCLE AND PEDESTRIAN ACCOMMODATIONS.		С					C 625										
		110 T. T. C. C. T. V. T. C. C. D. V.			TO BE ADMIN	ISTERED BY T			ERSVILLE									_	
MATTHEWS MECKLENBURG	U-5110	US 74 TO STEVENS MILL ROAD IN MATTHEWS. CONSTRUCT NEW 2-LANE ROAD.	2000	STPDA C			C	1600 400											
				PROJECT	TO BE ADMIN	ISTERED BY T	HE TOWN	N OF MATTI	HEWS										
MATTHEWS MINT HILL MECKLENBURG	U-5115	INTERSECTION OF NC 51 AND IDLEWILD ROAD. CONSTRUCT INTERSECTION IMPROVEMENTS.	500	STPDA C					C 400										

PROJECT TO BE ADMINISTERED BY THE TOWNS OF MATTHEWS AND MINT HILL

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

				PRIOR		<u></u>		<u> </u>	ISCAL ILANS				_	
ROUTE/CITY		LOCATION / DESCRIPTION	PROJ COST	YEARS COST FUNDING		5 YE.	AR WORK PRO	OGRAM			DEVELOPME	NTAL PROGRAM		UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
URBAN PROJECT NORTH TRADE STREET/MATTHEWS MINT HILL ROAD MECKLENBURG	U-5134	NORTH TRADE STREET/MATTHEWS-MINT HILL ROAD, SR 1010 (EAST JOHNS STREET) TO US 74 (INDEPENDENCE BOULEVARD) IN MATTHEWS. FULL DEPTH RECLAMATION AND REHABILITATION, PEDESTRIAN IMPROVEMENTS AND ADA COMPLIANCE.	654	654										
				UNDER CO	NSTRUCTION									
WILGROVE-MINT HIL ROAD MECKLENBURG	L U-5111	WILGROVE-MINT HILL ROAD, NC 51 TO NELSON ROAD IN MINT HILL. WIDEN ROADWAY.	650	STPDA C			C 520 C 130							
				PROJECT	TO BE ADMINI	STERED BY THE	TOWN OF MINT	HILL						
STALLINGS UNION	U-5112	INTERSECTION IMPROVEMENTS AT POTTER ROAD AND PLEASANT PLAINS ROAD IN STALLINGS.	R 2000	STPDA C			C 1600 C 400							
				PROJECT	TO BE ADMINI	STERED BY THE	TOWN OF STAL	INGS						
WEDDINGTON UNION	U-5325	INTERSECTION OF NC 84 AND SR 1344 (MATTHEWS-WEDDINGTON ROAD). CONSTRUCT A ROUNDABOUT. INTERSECTION OF NC 16 AND SR 1317 (WEDDINGTON CHURCH ROAD). RELOCATE INTERSECTION.	1350		75 B 600 B SECTION OF I		•		D). RELOCATE INTE			OGRESS		
FEASIBILITY STU I-77 MECKLENBURG		. 1-77, SOUTH CAROLINA LINE TO 5TH STREE' IN CHARLOTTE. ADD ADDITIONAL LANES. (11 MILES)	т											
				FEASIBILI	TY STUDY IN F	PROGRESS								
SR 1501 IDLEWILD ROAD MECKLENBURG UNION	FS-0210B	S SR 1501 (IDLEWILD ROAD), SR 1520 (FAIRVIEW ROAD-INDIAN TRAIL ROAD) TO I- 485. UPGRADE EXISTING ROADWAY. (1.4 MILES)												
				FEASIBILI	TY STUDY IN F	PROGRESS								
FEDERAL BRIDGE	E PROJECT	rs												<del></del>
US 29 CABARRUS	B-5123	ROCKY RIVER AND ACCESS ROAD. REPLACE BRIDGE NO. 14 AND BRIDGE NO. 19	7355	FA FA				R 1000 U 155	C 6100					
US 601 UNION	B-5371	CLEAR CREEK. REPLACE BRIDGE NO. 71	2530	FA FA						R 230	C 2300	Н		
NC 160 MECKLENBURG	B-5241	SOUTHERN RAILROAD. REPLACE BRIDGE NO. 54	5380	100 FA FA			R 480	C 2400	C 2400					

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

TOTAL PRIOR

E VEAR WORK BROCKAM

ROUTE/CITY		LOCATION / DESCRIPTION	PROJ	YEARS COST FUNDING		5 YEA	R WORK PR	OGRAM	TIOURE TEATIO		DEVELOPMEN	ITAL PROGRAM	ī	UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
FEDERAL BRIDG NC 200 UNION	GE PROJEC B-5134	TS CHINKAPIN CREEK. REPLACE BRIDGE NO. 72	1060	100 FA FA			R 85	C 875						
NC 218 UNION	B-5109	GOOSE CREEK. REPLACE BRIDGE NO. 29	1520	100 FA FA FA			R 125 U 20	C 1275						
SR 1008 UNION	B-4293	CREEK. REPLACE BRIDGE NO. 219	1416		1200 NAY IN PROGRI	ESS								
SR 1008 UNION	B-5243	SOUTH FORK CROOKED CREEK. REPLACE BRIDGE NO. 258.	735	100 NFA NFA				R 60	C 575					
SR 1113 UNION	B-4294	WAXHAW CREEK. REPLACE BRIDGE NO. 184	1 1244	444 NFA C	-WAY IN PROGRI	ESS								
SR 1158 UNION	B-4975	BEAVER DAM CREEK. REPLACE BRIDGE NO. 204	502	50 NFA F NFA U NFA NFA	J 10 I 17	C 375								
SR 1315 UNION	B-4650	WEST FORK TWELVE MILE CREEK. REPLACE BRIDGE NO. 221	1890	1890	NICTRUCTION									
SR 1508 UNION	B-4651	SOUTH FORK CROOKED CREEK. REPLACE BRIDGE NO. 251	781	781	ONSTRUCTION -	BRIDGE PURCH	SE ORDER CO	ONTRACT (BPO	<b>C</b> )					
SR 1681 UNION	B-5376	STEWART'S CREEK. REPLACE BRIDGE NO. 21	2420	NFA NFA							R 220	C 2200		
SR 2025 MECKLENBURG	B-4579	MCINTYRE CREEK. REPLACE BRIDGE NO. 134	335		ONSTRUCTION -	BRIDGE PURCH	SE ORDER CO	ONTRACT (RPO	C)					
SR 2106 UNION	B-5515	LITTLE RICHARDSON CREEK. REPLACE BRIDGE NO.145	410		No mod now	January Strong	I I I I	SITTIAGE (BEG				R 35	C 375	
SR 2120 MECKLENBURG	B-4200	GAR CREEK. REPLACE BRIDGE NO. 100	890	140 FA C	750 WAY IN PROGRI	ESS								
SR 2154 UNION	B-5374	BUFFALO CREEK. REPLACE BRIDGE NO.	660	NFA NFA						R 60	C 600			

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

ID.	LOCATION / DESCRIPTION				5 YE	AR WORK PR	OGRAM			DEVELOPME	NTAL PROGRA	М	UNFUNDED
NUMBER	(LENGTH)			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
		3049		ONSTRUCTIO	N - LET WITH U-44(	o1 - CONSTRUC	TION FUNDING F	OR U-4401 AUTHOR	ZED WITH B-4580	1			
BK-5114	REEDY CREEK. REPLACE BRIDGE NO. 59	580	580										-
B-3677	IRVINS CREEK. REPLACE BRIDGE NO. 36	3129	3129				(=						-
B-4201	GREASY CREEK. REPLACE BRIDGE NO. 38	1630			GRESS								
B-5105	LITTLE SUGAR CREEK. REPLACE BRIDGE NO. 49	2302				R 200 U 52	C 1950						
BD-5110	DIVISION 10 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	Г 32140			R 200 C 1800	R 200 C 1800	R 200 C 1800	R 300 C 2700	R 400 C 3600	R 400 C 3600	R 400 C 3600	R 500 C 4500	
			PART UND	ER CONSTR	UCTION - BRIDGE I	PURCHASE ORI	DER CONTRACT (	BPOC)					
BF-5310	SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 10.	200	20 <mark>NFA PE</mark>	20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	
BL-5510	BRIDGE IMPROVEMENTS IN DIVISION 10.	100	S P	100									
	BK-5114  B-3677  B-4201  B-5105  BF-5310	NUMBER (LENGTH)  BE PROJECTS  B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38  B-5105 LITTLE SUGAR CREEK. REPLACE BRIDGE NO. 49  BD-5110 DIVISION 10 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.  BF-5310 SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS	ID NUMBER  LOCATION / DESCRIPTION (THOU)  SE PROJECTS  B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59 580  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36 3129  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1630  B-5105 LITTLE SUGAR CREEK. REPLACE BRIDGE NO. 38 1630  BD-5110 DIVISION 10 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.  BF-5310 SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 10.	NUMBER (LENGTH) (THOU) (THOU) SOURCE  BE PROJECTS B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049 3049  UNDER CO  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59 580 580  UNDER CO  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36 3129 3129  UNDER CO  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1630 180 FA C  RIGHT-OF-  B-5105 LITTLE SUGAR CREEK. REPLACE BRIDGE 2302 100 NFA	ID NUMBER  LOCATION / DESCRIPTION (LENGTH)  COST COST FUNDING (THOU) SOURCE FY 2012  EE PROJECTS  B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049 3049  UNDER CONSTRUCTIO  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59 580 580  UNDER CONSTRUCTIO  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36 3129 3129  UNDER CONSTRUCTIO  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1630 180 FA C 1450 RIGHT-OF-WAY IN PRO  RIGHT-OF-WAY IN PRO  RIGHT-OF-WAY IN PRO  NO. 49  BD-5105 LITTLE SUGAR CREEK. REPLACE BRIDGE 2302 100 NFA	ID LOCATION / DESCRIPTION (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013  SE PROJECTS B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049 3049  UNDER CONSTRUCTION - LET WITH U-440  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59 580 580  UNDER CONSTRUCTION - BRIDGE PURCH B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36 3129 3129  UNDER CONSTRUCTION  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1630 180 FA C 1450	ID NUMBER  LOCATION / DESCRIPTION (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2014  SEPROJECTS  B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049 3049  UNDER CONSTRUCTION - LET WITH U-4401 - CONSTRUCTION - BRIDGE PURCHASE ORDER CO  BK-5114 REEDY CREEK. REPLACE BRIDGE NO. 59 580 UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CO  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 36 3129 UNDER CONSTRUCTION  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1630 180 FA C 1450 RIGHT-OF-WAY IN PROGRESS  B-5105 LITTLE SUGAR CREEK. REPLACE BRIDGE 2302 1000 NFA RIGHT-OF-WAY IN PROGRESS  BD-5110 DIVISION 10 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.  BP-5310 SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 10.	ID	D   LOCATION / DESCRIPTION   COST   COST FUNDING   COST   FUNDING   COST   COST FUNDING   COST   C	DINUMBER   LOCATION / DESCRIPTION   COST   COST   FUNDING   LOCATION / DESCRIPTION   CLENGTH)   (THOU)   (THOU)   (THOU)   (THOU)   SOURCE   FY 2012   FY 2013   FY 2014   FY 2015   FY 2016   FY 2017	D	D LOCATION / DESCRIPTION COST COST FUNDING (HOU) (THOU) SURCE FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 FY 2019 IN THE PROJECTS  B-4580 REEDY CREEK. REPLACE BRIDGE NO. 177 3049 3049  UNDER CONSTRUCTION - LET WITH U-4401 - CONSTRUCTION FUNDING FOR U-4401 AUTHORIZED WITH B-4580  UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)  B-3677 IRVINS CREEK. REPLACE BRIDGE NO. 38 3129 3129  UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)  B-4201 GREASY CREEK. REPLACE BRIDGE NO. 38 1650 100 FA	Discriminary   Continue   Conti

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

ROUTE/CITY	ID	LOCATION / DESCRIPTION	COST	YEARS COST FUNDING			YEAR WORK PR	ROGRAM	TIOCAL TLANG			ENTAL PROGRA		UNFUNDED
COUNTY	NUMBER	(LENGTH)	(THOU)	(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
FEDERAL BRIDGE VARIOUS ANSON CABARRUS MECKLENBURG STANLY UNION		SCREEN AND EVALUATE POTENTIAL STATE FUNDED BRIDGE PROJECTS DIVISION 10.	200	20 S   PE	20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	
US 29 (SOUTH AND NORTHBOUND LANES MECKLENBURG	B-4779 S)	MALLARD CREEK. REPLACE BRIDGE NO. 147 (SBL) AND BRIDGE NO. 140 (NBL)	3476	600 FA FA FA		R 60 M 16	C 2800							
MUNICIPAL BRIDG CHARLOTTE MECKLENBURG	B-5378	CTS MICHAEL BAKER ROAD OVER BRIAR CREEK. REPLACE BRIDGE NO. 210		DDOCDAM	MED FOR D	ANNING AND E	NIVIDONIMENTAL (	CTUDIES ONLY B	DV CITY OF CHARLO	TTE MUNICIPAL	BDIDGE			
CHARLOTTE MECKLENBURG	B-5242	BARRINGER DRIVE OVER IRWIN CREEK. REPLACE BRIDGE NO. 376.							BY CITY OF CHARLO					
MITIGATION PROJ VARIOUS ANSON CABARRUS MECKLENBURG STANLY UNION		ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 10 PROJECT MITIGATION.	29356											
				IN PROGRE	:SS									
BICYCLE AND PER VARIOUS MECKLENBURG		PROJECTS  NORTH MECKLENBURG-CATAWBA AVENUE BIKE LANES: DAVIDSON COLLEGE ALONG NC 115 AND WEST ALONG CATAWBA AVENUE TO TIE TO JETTON PARK, RAMSEY CREEK PARK AND BLYTH LANDING.												
CHARLOTTE MECKLENBURG	EB-5524	TOBY CREEK GREENWAY, NC 49 TO WEST ROCK RIVER ROAD IN CHARLOTTE.	1500	SCHEDULE	D FOR FEA	SIBILITY STUDY		C 1500						
CHARLOTTE MECKLENBURG	EB-5009	MCDOWELL CREEK GREENWAY, JETTON ROAD TO BIRKDALE COMMONS PARKWAY IN CHARLOTTE.											_	
				SCHEDULE	D FOR FEA	SIBILITY STUDY								

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

TOTAL PRIOR

\_\_\_\_

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	COST	YEARS COST FUNDING (THOU) SOURCE		<i>5 YEA</i> FY 2013	FY 2014	GRAM FY 2015	FY 2016	FY 2017	DEVELOPM FY 2018	FY 2019	UNFUNDED FUTURE YEARS
BICYCLE AND P CHARLOTTE MECKLENBURG		PROJECTS LITTLE SUGAR CREEK GREENWAY.	6555	A 7TH S B PORT D 7TH S E TYVO	STREET TO BAXTE TION OF LITTLE SI STREET TO BAXTE OLA ROAD TO I-48:	UGAR CREEK G ER STREET - UI 5	REENWAY - UN	DER CONSTR	RUCTION				
CHARLOTTE MECKLENBURG	EB-4714	IRWIN CREEK BIKEWAY: IRWIN AVENUE ELEMENTARY SCHOOL TO CEDAR YARD (NEAR BANK OF AMERICA STADIUM) IN CHARLOTTE. (1 MILE)	600		ONSTRUCTION								
CHARLOTTE MECKLENBURG	EB-5120	CHARLOTTE, TOBY CREEK GREENWAY, NO 49 AT HARRIS BOULEVARD TO MALLARD CREEK THROUGH THE UNC CHARLOTTE CAMPUS. CONSTRUCT GREENWAY.	1240	1240	ONSTRUCTION								
MONROE UNION	EB-5011	BEARSKIN CREEK GREENWAY, DICKENSON PARK TO CREFT PARK IN MONROE.	N	SCHEDIII	.ED FOR FEASIBIL	ITV STIINV							
				SCHEDUL	LD FOR FEASIBIL	.111 31001							
CONGESTION N CHARLOTTE MECKLENBURG	C-5533	PROJECTS  SR 5469 (SHOPTON ROAD) AND SR 1156 (BEAM ROAD) IN CHARLOTTE. CONSTRUC' A SINGLE LANE ROUNDABOUT.	1501 T	CMAQ C CMAQ C CMAQ	PE PE	94 98 98 98 97 97 97 97 97 97 97 97 97 97 97 97 97							
CHARLOTTE MECKLENBURG	C-5229	HARBURN FOREST CONNECTIVITY IMPROVEMENTS IN CHARLOTTE. EXTEND HARBURN FOREST DRIVE TO CONNECT TO RIDGE ROAD TO PROVIDE A THIRD ACCESS FOR HIGHLAND CREEK.		CMAQ C									
CHARLOTTE MECKLENBURG	C-4959	PILOT TRANSPORTATION DEMAND MANAGEMENT PROGRAM IN CHARLOTTE.	1000		RESS BY MECKLEI	NBURG EPA							
CHARLOTTE MECKLENBURG	C-5540	NAVIN ROAD, ALPINE DRIVE TO GIBBON ROAD. CONSTRUCT SIDEWALK ON NORTH SIDE. GIBBON ROAD, NEVIN ROAD TO SUGAR CREEK ROAD. CONSTRUCT SIDEWALK ON SOUTH SIDE.WEST SUGAR ROAD, BISANER STREET AND MALLARD CREEK ROAD. FILL GAPS IN SIDEWALK NETWORK ON EAST SIDE.	1325	CMAQ C CMAQ C CMAQ C	PE PE	E 44 R 298 R 99 C 564							

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

ROUTE/CITY	ID	LOCATION / DESCRIPTION	PROJ	YEARS COST FUNDING		5 YE	AR WORK PR	OGRAM			DEVELOP	MENTAL PROGRA	M .	UNFUNDED
COUNTY	NUMBER	(LENGTH)	(THOU)	(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 201	7 FY 2018	FY 2019	FY 2020	FUTURE YEARS
CONGESTION N CHARLOTTE MECKLENBURG	MITIGATION I C-5538	PROJECTS INTERSECTION OF TUCKASEEGEE- BERRYHILL-THRIFT ROADS IN CHARLOTTE. CONSTRUCT A TRAFFIC CIRCLE.	2800	C C CMAQ C		PE 240	R 150	C 729 C 1681						
CHARLOTTE MECKLENBURG	C-5536	MECKLENBURG COUNTY AIR QUALITY - GRADE (GRANTS TO REPLACE AGING DIESEL ENGINS). REPLACE, REPOWER OR RETROFIT AGING DIESEL VEHICLES AND EQUIPMENT.	625	CMAQ C		I 500 I 125								
CHARLOTTE MECKLENBURG	C-5228	DAVID COX ROAD-NC 115 IN CHARLOTTE. INTERSECTION IMPROVEMENTS. ADD LEFT TURN LANES ON ALL FOUR APPROACHES.	1984 Г	220 CMAQ I C I CMAQ C			C 1291 C 323							
CHARLOTTE MECKLENBURG	C-5534	SR 4979 (BALLANTYNE COMMONS PARKWAY-MCKEE ROAD) AND NC 16 (PROVIDENCE ROAD) IN CHARLOTTE. CONSTRUCT AN ADDITIONAL LEFT TURN LANE ON SR 4979 AND A SECOND LEFT TURN LANE ON SOUTHBOUND NC 16.	1494	CMAQ C CMAQ C CMAQ		C 371 C 127	C 371 C 127	C 371 C 127						
CHARLOTTE MECKLENBURG	C-5539	GRAHAM STREET OVER I-85 IN CHARLOTTE. CONSTRUCT A SIDEWALK ON PEDESTRIAN BRIDGE.	251 I	CMAQ C		C 188								
CHARLOTTE MECKLENBURG	C-5500	SR 4979 (BALLANTYNE COMMONS PARKWAY-MCKEE ROAD AND NC 16 (PROVIDENCE ROAD) IN CHARLOTTE. CONSTRUCT A LEFT TURN LANE ON EASTBOUND BALLANTYNE COMMONS PARKWAY AND A SECOND LEFT TURN LANI ON SOUTHBOUND PROVIDENCE ROAD.	1492 E	С	DVANCE CO	C 371 C 127	C 741 C 253	BURSED THE CMA	AQ FUNDS IN 2013 A	ND 2014 AS P	ROGRAMMED			
CHARLOTTE MECKLENBURG	C-5108	US 521-BALLANTYNE COMMONS PARKWAY IN CHARLOTTE. INTERSECTION IMPROVEMENTS.	582				T AND DE TIETH	SONOLD THE CHIP		2011 701	TO GITAMINED			
				UNDER CO	ONSTRUCTIO	N								
CHARLOTTE MECKLENBURG	C-4955	CENTER CITY PARKING AND WAYFINDING SYSTEM IN CHARLOTTE. TRAFFIC-FLOW IMPROVEMENT.	3033											
				IN PROGR	ESS					,				

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

ROUTE/CITY	ID	LOCATION / DESCRIPTION		YEARS COST FUNDING	5 Y	EAR WORK PR	OGRAM			DEVELOPI	MENTAL PROGRA	М	UNFUNDED
COUNTY	NUMBER	(LENGTH)	(THOU)	(THOU) SOURCE FY 20	012 FY 2013	FY 2014	FY 2015	FY 2016	FY 201	7 FY 2018	FY 2019	FY 2020	FUTURE YEARS
CONGESTION N CHARLOTTE MECKLENBURG	MITIGATION C-5535	PROJECTS  NC 16 (BROOKSHIRE BOULEVARD) AND LAWTON ROAD IN CHARLOTTE. CONSTRUCT AN ADDITIONAL RIGHT TURN LANE ONTO NORTHBOUND LAWTON ROAD	1862	CMAQ C CMAQ C CMAQ C		PE 225 PE 75 R 53 R 18 C 1118 C 373							
CHARLOTTE MECKLENBURG	C-4963	INSTALL PARTICULATE FILTERS ON 90 BUSES. CMAQ FUNDS TRANSFERRED TO FTA.	800	800 IN PROGRESS									
CHARLOTTE MECKLENBURG	C-4951	INTEGRATE CAT'S AUTOMATIC VEHICLE LOCATION (AVL) SYSTEM AND CITY OF CHARLOTT'S DOT SIGNAL SYSTEM. CMAC FUNDS TRANSFERRED TO FTA.	1750										
CHARLOTTE MECKLENBURG	C-5227	UNIVERSITY CITY BOULEVARD IN CHARLOTTE. CONSTRUCT A 10 FOOT WIDI MULTI-USE PATH ON THE NORTH SIDE OF UNIVERSITY CITY BOULEVARD BETWEEN MALLARD CREEK CHURCH ROAD AND BROADRICK BOULEVARD.	500 E	CMAQ C 40 C C 10									
CHARLOTTE MECKLENBURG	C-5537	BARTON CREEK GREENWAY IN CHARLOTTE. CONSTRUCT A CONNECTOR BETWEEN CLARK'S CREEK AND MALLARD CREEK GREENWAYS.		CMAQ C CMAQ C			PE 154 PE 38 C 728 C 182						
CHARLOTTE MECKLENBURG	C-4962	ESTABLISH BIKE-PEDESTRIAN CONNECTION BETWEEN IVERSON WAY AN MARION PLACE IN CHARLOTTE.	200 D	200 UNDER CONSTRU	CTION								
CHARLOTTE MECKLENBURG	C-4405	INDEPENDENCE BOULEVARD AND HARRIS BOULEVARD IN CHARLOTTE. INTERSECTION IMPROVEMENTS.	400		CTION BY DIVISION								
CHARLOTTE MECKLENBURG	C-5225	TOBY CREEK GREENWAY (PHASE II). CONNECT UNCC TO NEARBY RETAIL AND RESIDENTIAL DEVELOPMENT. (1.3 MILES)	1810		C 1274 C 319								
CORNELIUS MECKLENBURG	C-4956	INTERSECTION IMPROVEMENTS AT SELECTED LOCATIONS IN CORNELIUS.	606	C C 6	IO A			IN PROGRESS					

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

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	COST	YEARS COST FUNDING (THOU) SOURCE	FY 2012	<i>5 YE</i> FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	DEVELOPME FY 2018	NTAL PROGRAM FY 2019	FY 2020	UNFUNDED FUTURE YEARS
CONGESTION M MECKLENBURG COUNTY MECKLENBURG	C-5510	PROJECTS  MECKLENBURG COUNTY AIR QUALITY - GRADE (GRANTS TO REPLACE AGING DIESEL ENGINS). REPLACE, REPOWER OR RETROFIT AGING DIESEL VEHICLES AND EQUIPMENT.	625	CMAQ C		I 500 I 125								
COUNTYWIDE MECKLENBURG	C-4964	GAS CAP REPLACEMENT PROGRAM TO PRODUCE QUANTIFIABLE REDUCTIONS IN VOLATILE ORGANIC COMPOUNDS. MCAQ WILL RECRUIT INSPECTION STATIONS TO INCLUDE A GAS CAP TEST AS PART OF THE REGULAR STATE EMISSIONS TEST.	90			W/ 5NDUD0 5D4								
COUNTYWIDE	C-5110	MECKLENBURG EPA, CLEAN AIR WORKS.	200	200	ESS BY MEC	CKLENBURG EPA								
MECKLENBURG				IN PROGE	ESS									
COUNTYWIDE MECKLENBURG	C-5226	MECKLENBURG COUNTY AIR QUALITY. GRANTS TO REDUCE AGING DIESEL ENGINES (GRADE).	375											
				IN PROGE	ESS									<u> </u>
COUNTYWIDE MECKLENBURG UNION	C-5109	CHARLOTTE-MECKLENBURG SCHOOLS, CLEAN SCHOOL BUS INITIATIVE.	536	A CHAF		KLENBURG COUNT CHOOLS TRANSPO			N DEPARTMENT - IN Rogress	N PROGRESS				
GRAHAM STREET MECKLENBURG	C-5501	GRAHAM STREET IN CHARLOTTE. CONSTRUCT SIDEWALK ON THE INTERCHANGE AND BRIDGE OVER I-85.	251	CMAQ C		C 188								
				CITY TO A	DVANCE CO	NSTRUCT PROJEC	T AND BE REIME	URSED THE CI	MAQ FUNDS IN 2013	AS PROGRAMME	D			
CHARLOTTE HILLSBOROUGH MECKLENBURG ORANGE	C-5111	INSTALL TWO STATE MAINTAINED E-85 FUELING SITES IN CHARLOTTE AND HILLSBOROUGH.	250	250										
				IN PROGE	ESS									
INDIAN TRAIL UNION	C-4957	CONSTRUCT SIDEWALKS AT SELECTED LOCATIONS IN INDIAN TRAIL.	1327			I SCHOOL AND MIE NION-INDIAN TRAII			RUCTION DE OF SARDIS ROAI	D - UNDER CONS	TRUCTION			
INDIAN TRAIL UNION	C-4960	INTERSECTION IMPROVEMENTS AT INDIAN TRAIL AND OLD MONROE ROAD.	1138		C 510 C 128									
				UNDER C	ONSTRUCTIO	)N								

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

				PRIOR					I ISOAL ILANS				-	
ROUTE/CITY	ID	LOCATION / DESCRIPTION		YEARS COST FUNDING		5 YEA	R WORK PRO	GRAM			DEVELOPME	NTAL PROGRAM		UNFUNDED
COUNTY	ID NUMBER	(LENGTH)		(THOU) SOURCE	FY 2012 F	Y 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
CONGESTION MI OLD CONCORD ROA MECKLENBURG		PROJECTS BICYCLE IMPROVEMENTS AT OLD CONCORD ROAD IN CHARLOTTE.	500		MICTRUCTION									
					INSTRUCTION		-1							
PROVIDENCE ROAD MECKLENBURG	C-5541	PROVIDENCE ROAD IN CHARLOTTE. CONSTRUCT A SIDEWALK ON SOUTHWEST SIDE.	1075	CMAQ			C 750 C 325							
SOUTH TRYON STREET MECKLENBURG	C-5542	SOUTH TRYON STREET, QUEEN ANNE DRIVE TO NATIONS FORD ROAD IN CHARLOTTE. CONSTRUCT SIDEWALK ON SOUTHEAST SIDE.	2150	CMAQ C CMAQ C CMAQ C	PE PE R R C C	206 206 124 124 745 745								
SUNSET ROAD MECKLENBURG	C-5543	SUNSET ROAD, I-77 TO STATESVILLE ROAD IN CHARLOTTE. CONSTRUCT SIDEWALKS ON SOUTH SIDE AND INSTALL SIDEWALK ON THE I-77 OVERPASS.	) 1848	CMAQ C CMAQ C CMAQ C			PE 234 PE 78 R 79 R 26 C 1073 C 358							
ENHANCEMENT	PROJECTS													
CORNELIUS MECKLENBURG	E-4953	CONSTRUCT MULTI-USE FACILITY ADJACENT TO MCDOWELL CREEK, LINKING BIRKDALE NEIGHBORHOOD IN HUNTERSVILLE TO WESTMORELAND ROAD IN CORNELIUS.			DISTRUCTION									
	F 4054	CONCEDUCT A MULTI-LICE FACILITY	070		JNSTRUCTION									
HUNTERSVILLE MECKLENBURG	E-4954	CONSTRUCT A MULTI-USE FACILITY, TORRANCE CREEK GREENWAY IN THE CEDARFIELD NEIGHBORHOOD TO ROSEDALE PARK IN HUNTERSVILLE.	270		ONSTRUCTION									
HAZARD ELIMINA	ATION PRO	JECTS												
SR 1520 AND SR 1514 UNION	W-5309	SR 1520 (INDIAN TRAIL FAIRVIEW ROAD) AND SR 1514 (ROCKY RIVER ROAD). CONVERT EXISTING INTERSECTION TO A ROUNDABOUT.	715	715										
				UNDER CO	ONSTRUCTION									

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

				PRIOR					I ISOAL I LANS					
ROUTE/CITY		LOCATION / DESCRIPTION		YEARS COST FUNDING		5 YEA	AR WORK PRO	GRAM			DEVELOPMEN	NTAL PROGRAM		UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
HAZARD ELIMINA SR 3998 (SOUTH BOULEVARD) MECKLENBURG		JECTS SR 3998 (SOUTH BOULEVARD), NORTH OF SHARON LAKES DRIVE-SWEDEN DRIVE TO SOUTH OF ARROWOOD DRIVE-STARBROOK DRIVE. WIDEN TO PROVIDE A TWO WAY LEFT TURN LANE.	866	866										
				UNDER CO	NSTRUCTION	- NCDOT PARTIC	PATION CAPPE	AT \$862,000						
VARIOUS ANSON CABARRUS MECKLENBURG STANLY UNION	W-5210	DIVISION 10 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	1858	1708 HES R										
				DIVISION F	URCHASE OF	RDER CONTRACT (	DPOC) - IN PRO	GRESS						
SR 2459 (EASTFIELD ROAD) AND SR 2442 (ASBURY CHAPEL ROAD) MECKLENBURG		SR 2459 (EASTFIELD ROAD) AND SR 2442 (ASBURY CHAPEL ROAD). HORIZONTAL REALIGNMENT OF SR 2480 (BROWNE ROAD TO ALIGN WITH SR 2442. INSTALL SIGNAL AND LEFT TURN LANES.	1109	1109										
				UNDER CO	NSTRUCTION	l								
STALLINGS UNION	W-5502	SR 1364 (PLEASANT PLAINS ROAD) AT SR 1357 (POTTERS ROAD) IN STALLINGS. INSTALL LEFT TURN LANES AND REVISE TRAFFIC SIGNAL.	825	HES F	325	C 500								
PASSENGER RAI VARIOUS ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ROWAN WAKE	L PROJECT P-4405	S PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.	24440	4923 STHSR PE O PE STHSR STHSR O		PE 700 PE 200 R 2500	PE 100  R 750 C 3000 C 881	PE 64  R 712 C 3000 C 881	R 474 C 3000 C 880	C 941				
				IN PROGRI	ESS									
VARIOUS STATEWIDE	P-3814	CROSSING CONSOLIDATION PROJECTS AS IDENTIFIED IN SOUTH END SEHSRC TRAFFIC SEPARATION STUDY. RIGHT OF WAY TO BE ACQUIRED BY MUNICIPALITIES.												
				UNDER CO	NSTRUCTION									· -

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

FISCAL YEARS

ROUTE/CITY COUNTY	ID Number	LOCATION / DESCRIPTION (LENGTH)	COST	YEARS COST FUNDING (THOU) SOURCE FY 201:		EAR WORK PRO	DGRAM FY 2015	FY 2016	FY 2017	DEVELOPME FY 2018	NTAL PROGRA FY 2019	<i>M</i> FY 2020	UNFUNDED FUTURE YEARS
PASSENGER RAIL AMTRAK ALAMANCE CABARRUS DURHAM EDGECOMBE GUILFORD JOHNSTON MECKLENBURG NASH ROWAN WAKE WILSON	PROJECT P-2908	IS CAPITAL AND OPERATIONS COST OF TRAIN 79/80 BETWEEN CHARLOTTE AND ROCKY MOUNT.	N 47795	38195 S(5) O 2400	0 2400	0 2400	0 2400						
				IN PROGRESS									
CHARLOTTE MECKLENBURG	P-3800	TRACK AND STATION RIGHT OF WAY ACQUISITION.	241	241									
				IN ACQUISITION									
CSX/NS MECKLENBURG	P-5002	CHARLOTTE, MAINLINE GRADE SEPARATION CSX-NS-CATS AND MOVE TRYON YARD TO PINOCA YARD.	129208	2985 STHSR PE 2665 STHSR STHSR	PE 3453 R 35000	PE 500 R 6361 C 16000	C 26000	C 26000	C 10244				
PIEDMONT CORRIDO CABARRUS MECKLENBURG	R P-5208	PIEDMONT CORRIDOR, RESTORE DOUBLE TRACK, HAYDCOCK TO JUNKER.	95116	2219 STHSR PE 1026 O PE 781 STHSR STHSR		C 29526	C 29526	C 29526					

IN PROGRESS

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

FISCAL YEARS TOTAL PRIOR PROJ YEARS 5 YEAR WORK PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED ROUTE/CITY LOCATION / DESCRIPTION COST COST FUNDING ID (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 **FUTURE YEARS** COUNTY NUMBER **PASSENGER RAIL PROJECTS** PIEDMONT CORRIDOR P-2918 **TRAIN 73/74 OPERATIONS BETWEEN** 214284 122589 S(5) 2600 2600 2600 2600 2600 2600 2600 2600 2600 CHARLOTTE AND RALEIGH, EQUIPMENT T2001 4000 4000 4000 4000 4000 4000 400 4000 0 4000 ALAMANCE AND CAPITAL YARD MAINTENANCE STHSR 1313 **CABARRUS** FACILITY. STHSR 1205 E DURHAM STHSR PE 1259 F PE 855 F GUILFORD STHSR 8000 F 8327 F MECKLENBURG STHSR 5780 G 2890 G ROWAN 1238 H STHSR WAKE 100 I STHSR PE 664 I C 664 I EQUIPMENT REBUILD - 2 F59PHI LOCOMOTIVES - IN PROGRESS PURCHASE 2 USED LOCOMOTIVES - ACQUIRED EQUIPMENT REHAB - 3 LOCOMOTIVES - IN PROGRESS EQUIPMENT REHAB - 3 PASSENGER CARS - COMPLETE PASSENGER TRAIN SECURITY SYSTEM, CCTVDATA NETWORK AND GENERATORS - IN PROGRESS CRISP CHARLOTTE MAINTENANCE FACILITY TRACK EXTENSION AND SHOP BUILDING - IN PROGRESS EQUIPMENT - PURCHASE 4 USED PASSENGER CARS AND REHAB 7 - IN PROGRESS CAPITAL YARD PHASE 1 IMPROVEMENTS - EXTEND TRACKS 1 AND 2, MAJOR WORK TRACK 3 - IN PROGRESS EQUIP 9 STATIONS AND PLATFORMS WITH ADA/FRA PIDS - IN PROGRESS

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR FISCAL YEARS

			TOTAL					i	FISCAL YEARS					
ROUTE/CITY		LOCATION / DESCRIPTION		YEARS COST FUNDING		5 YE	AR WORK PRO	OGRAM			DEVELOPME	NTAL PROGRAM		UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
INTERSTATE P I-95 STATEWIDE	PROJECTS M-0412	CORRIDORS OF THE FUTURE PROGRAM. INTERSTATE MAINTENANCE DISCRETIONARY FUNDS (IMD) FOR IMPROVEMENTS TO 1-95 FROM FLORIDA TO VIRGINIA. NORTH CAROLINA TO PROVIDE FUNDS TO ADJOINING STATES UNDER TERMS OF AN AGREEMENT.	16800	16800 IN PROGR	ESS									
RURAL PROJE	ECTS													
VARIOUS STATEWIDE	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS	1372	472 S	100	N 100	N 100	N 100	N 100	N 100	N 100	N 100	N 100	
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT.	1500	1500										
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	15980	6980 S PE	1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON PROJECT SPECIFIC WORK.	14900	6800 S PE	900	PE 900	PE 900	PE 900	PE 900	PE 900	PE 900	PE 900	PE 900	
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITATIVES.	3000	3000										
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	6978	3378 S PI	400	PE 400	PE 400	PE 400	PE 400	PE 400	PE 400	PE 400	PE 400	
				IN PROGR	ESS									
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	2800	1360 S PE	160	PE 160	PE 160	PE 160	PE 160	PE 160	PE 160	PE 160	PE 160	
				IN PROGR	ESS									
VARIOUS STATEWIDE	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORECASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.	1494	594 <mark>S I</mark>	100	F 100	F 100	F 100	F 100	F 100	F 100	F 100	F 100	
				IN PROGR	ESS									
VARIOUS STATEWIDE	R-4500	ECONOMIC DEVELOPMENT.	15000	5000 S	5000	C 5000								
				IN PROGR	ESS									

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

FISCAL YEARS TOTAL PRIOR PROJ YEARS 5 YEAR WORK PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED ROUTE/CITY LOCATION / DESCRIPTION COST COST FUNDING ID (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2015 FY 2016 FY 2017 FY 2020 **FUTURE YEARS** FY 2014 FY 2018 FY 2019 COUNTY NUMBER **RURAL PROJECTS** R-4436 NPDES PERMIT, RETROFIT FOURTEEN 19378 STP N 2500 2500 2500 N 2500 N 2500 N 2500 N 2500 2500 2500 VARIOUS SITES PER YEAR TO PROTECT WATER STATEWIDE QUALITY. IN PROGRESS 16232 STP C 2000 VARIOUS R-4073 **ASPHALT MATERIALS TESTING** 34232 LABORATORIES CORRECTIVE ACTION PLAN STATEWIDE FOR GROUNDWATER CLEAN-UP AT 54 SITES. IN PROGRESS VARIOUS R-4067 POSITIVE GUIDANCE PROGRAM (PAVEMENT 103412 67412 STP C 4000 C 4000 4000 4000 C 4000 C 4000 C 4000 4000 4000 MARKINGS AND MARKERS, LED SIGNAL STATEWIDE HEAD REPLACEMENT). IN PROGRESS VARIOUS R-4066 WETLAND RESTORATION PROGRAM. 17500 17500 **COMPLETION OF WATERSHED** STATEWIDE ASSESSMENT PLANS IN ALL SEVENTEEN (17) RIVER BASINS TO IDENTIFY WETLAND AND STREAM RESTORATION PROJECTS

FOR MITIGATION.

					ROGRE																				
VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT	230792	113792 IM	С	9750	С	9750	С	9750	С	9750	С	9750	С	97	0	С	9750	С	9750	С	9750		
STATEWIDE		MANAGEMENT, 511, SMARTLINK, TEC, TMC).		NHS	С	3250	С	3250	С	3250	С	3250	С	3250	С	32	0	С	3250	С	3250	С	3250		

IN PROGRESS

VARIOUS	R-4454	IMPROVEMENT PROJECTS THAT FURTHER	47000	47000
STATEWIDE		ECONOMIC GROWTH AND DEVELOPMENT IN		
		SMALL URBAN AND RURAL AREAS.		

630

IN PROGRESS

STATEWIDE		(SIGNAL MAINTENANCE).			
				IN PROGRESS	
VARIOUS STATEWIDE	R-2929	NATIONAL PARKS SERVICE SPOT SAFETY AND SIGN REHABILITATION.	900	FLPP   C   100   C   100	

TRAFFIC SYSTEM OPERATIONS PROGRAM 375230 195230 STP C 20000 C 20000

70 C

#### UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION

70 C 70

VARIOUS	R-9999WM ENVIRONMENTAL MITIGATION AND	178681	61681 NHS	M	1500	M	1500	M	1500	M	8500	M	7000	M	40	00	M	11000	M	12000	M	11500		
STATEWIDE	MINIMIZATION.		T	M	1500	M	1500	M	1500	M	8500	M	7000	M	40	00	M	11000	М	12000	M	11500		

IN PROGRESS

FLPP C

M-0428 ADVANCED VEHICLE RESEARCH CENTER 297 297 STATEWIDE (AVRC).

PAVEMENT REHABILITATION.

NATIONAL PARKS SERVICE EMERGENCY

IN PROGRESS

VARIOUS

VARIOUS

STATEWIDE

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

				YEARS		5 YE	AR WORK PRO		FISCAL TEARS		DEVELOPME	NTAL PROGRAM	7	UNFUNDED
ROUTE/CITY COUNTY	ID Number	LOCATION / DESCRIPTION (LENGTH)		COST FUNDING (THOU) SOURCE		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
RURAL PROJEC	<u>CTS</u> M-0359	PROGRAM DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH. DEVELOP A PROCEDURES MANNUAL.	300	300										
		DEVELOT A PROCEDURES MANNOAL.		IN PROGR	RESS									
URBAN PROJEC VARIOUS STATEWIDE		ECONOMIC DEVELOPMENT.	3667	S	C 3667									
				IN PROGR	RESS									
FEDERAL BRIDG VARIOUS STATEWIDE	GE PROJECT B-4693	TS STATEWIDE SURVEY OF HISTORICAL BRIDGES.	1000											
				IN PROGR		1 44000	l il man	1 44000	l il tteed	1 44000	l il mani	I il decel I	ılaal	
VARIOUS STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.	238572	139572 BRGI IN PROGR	I 11000	I 11000	I 11000	1 11000						
VARIOUS STATEWIDE	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.	1500	1500	ONOTRUCTION									
VARIOUS	RK-5101	DECK PRESERVATION AT 15 SELECTED	7747	7747	ONSTRUCTION									
STATEWIDE	Diction	LOCATIONS.			ONSTRUCTION									
VARIOUS STATEWIDE	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.	1000	1000										
		NOUTES.		IN PROGR	RESS									
VARIOUS STATEWIDE	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.	. 5000	5000										
				IN PROGR										
VARIOUS STATEWIDE	BP-5300	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.	129316	0.0.0	C 2500 C 2500	C 2500 C 2500	C 2500 C 2500	C 5000 C 5000	C 5000 C 5000	C 5000 C 5000	C 5000	C 5000 C 5000	C 5000 C 5000	
VARIOUS STATEWIDE	BR-5100	REHABILITATE BRIDGES AT SELECTED LOCATIONS.	150000	FA				C 25000	C 25000	C 25000	C 25000	C 25000	C 25000	
VARIOUS STATEWIDE	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.	3100	3100										
				IN PROGR	RESS									
VARIOUS STATEWIDE	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS.	5860	5860										
		(HB 2346, SECTION 25.18)												

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

ROUTE/CITY	ID	LOCATION / DESCRIPTION		YEARS COST FUNDING		5 YE	AR WORK P	ROGRAM			DE	EVELOPMEN	TAL PROG	RAM		UN	IFUNDED
COUNTY	NUMBER	(LENGTH)	(THOU)	(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 20	15 FY 2016	FY	2017	FY 2018	FY 2019	) FY	2020	FUTU	JRE YEARS
BICYCLE AND F VARIOUS STATEWIDE		PROJECTS BICYCLE MAPS AND ROUTES. REVISE, UPDATE, REPRINT MAPS AND SIGN ROUTES	600 S.	B LOCA	5 B 50 C H CAROLINA L BICYCLE M N, REGIONAL	MP 5 B MP 50 C BICYCE HIGHWA	MP 5 E MP 50 C Y MAPS	MP	5 A MP 5 A 5 B MP 5 B 50 C MP 50 C	MP MP MP	5 A MF	5 B	MP 5	A MP B MP C MP	5 A 5 B 50 C		
VARIOUS STATEWIDE	EB-5118	STATEWIDE BIKE AND PEDESTRIAN FACILITY DEVELOPMENT.	3331	3331 IN PROGR	Ecc										_		
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.	9880	8080 STPEB		C 200	C 200	C 2	00 C 200	С	200 0	200	C 200	c	200		
VARIOUS STATEWIDE	EB-4013	SPOT IMPROVEMENTS: SHORT PAVEMENT SECTIONS, BICYCLE RACKS AND SIGNING NEEDS.	3830	IN PROGR 2930 STPEB		C 100	C 100	C 1	00 C 100	С	100 0	100	C 100	C	100		
VARIOUS STATEWIDE	EB-2956	STATEWIDE BICYCLE PROGRAM.	13645	IN PROGR 9145 STPEB (	500	C 500	C 500	C   5	00 C 500	С	500	500	C 500	c	500		
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	5600	4250STPEP (		C 150	C 150	C  1:	50 C 150	С	150 0	150	C 150	C	150		
VARIOUS STATEWIDE	EB-2966	SAFETY-EDUCATION PROJECTS.	670		3 25	B 25	B 25	В	25 B 25	В	25 E	3 25	В 25	В	25		
REGIONAL STATEWIDE	EB-4410	AREA-WIDE BICYCLE IMPROVEMENTS FEASIBILITY STUDIES.	200	155 STPEB IN PROGR	5	F 5	F 5	F	5 F 5	F	5 F	5	F 5	F	5		
CONGESTION N VARIOUS STATEWIDE	MITIGATION I C-5552	PROJECTS  RAIL, FOURTH DAILY FREQUENCY  BETWEEN RALEIGH AND CHARLOTTE.	11365	CMAQ C CMAQ C CMAQ		O 3052 O 610	O 3156 O 631	O 32:	63 63 53								

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

ROUTE/CITY	ID	LOCATION / DESCRIPTION (LENGTH)	PROJ COST	YEARS COST FUNDING (THOU) SOURCE		5 YE FY 2013	FY 2014		FY 2016	FY 2017	DEVELOPME FY 2018	NTAL PROGRA	M FY 2020	UNFUNDED FUTURE YEARS
COUNTY	NUMBER	(LENGTH)	(11100)	(11100) 300HCE	F1 2012	F1 2013	F1 2014	F1 2015	F1 2010		F1 2010	F1 2019	F1 2020	- TOTORE TEARS
CONGESTION MI VARIOUS STATEWIDE	ITIGATION F C-3600	PROJECTS  DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.	6702											
-				IN PROG	RESS BY DEP	ARTMENT OF MOT	OR VEHICLES							
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 PROG	RESS									
NON-ATTAINMENT AND MAINTENANCE AREAS STATEWIDE	C-5100	SCHOOL BUS DIESEL PARTICULATE FILTER AND CLOSED CASE VENTILATION SYSTEM RETROFITS.	R 2000	2000										
				IN PROG	RESS BY DEPA	ARTMENT OF AIR	QUALITY							
NORTH CAROLINA DIVISION OF AIR QUALITY STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.	1500	600 CMAQ O	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	N 80 N 20	
				IN PROG	RESS RV DED <i>I</i>	ARTMENT OF AIR	OLIAL ITY							
NORTH CAROLINA STATE UNIVERSITY STATEWIDE	C-4902	NCSU, NORTH CAROLINA SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.				N 2076 N 519	N 2076   N 519	N 2076 N 519				Н		
				IN PROG	RESS BY NOR	TH CAROLINA STA	ATE UNIVERSITY							
ENHANCEMENT VARIOUS STATEWIDE	PROJECTS E-4599	INSTALL RIVER BASIN HIGHWAY SIGNS.	187	187										
				IN PROG	RESS									
VARIOUS STATEWIDE	E-3821	PRESERVE HISTORIC BRIDGES FROM DEMOLITION.	250											-
				IN PROG	RESS									
VARIOUS STATEWIDE	E-4602	GIS ARCHAEOLOGICAL DATABASE. STATEWIDE DATABASE TO CALCULATE ARCHAEOLOGICAL SITES LOCATED WITHIN OR NEAR NCDOT PROJECTS.	750 N											
				IN PROG	RESS									

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

IOR FISCAL YEARS

			TOTAL	PRIOR				ı	FISCAL YEARS					
ROUTE/CITY		LOCATION / DESCRIPTION	PROJ COST	YEARS COST FUNDING		5 YE	AR WORK PRO	OGRAM			DEVELOPM	ENTAL PROGRAM		UNFUNDED
	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
ENHANCEMENT PI	ROJECTS													
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	625	625	IMED EOD DI	ANNING AND PRO	CDAM DEVELOR	MENT ON V						
	=								0 4000	0 1000	I 0 4000	0 4000	0 4000	
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.	12645	1845 <u>NRT</u> C		C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
				IN PROGRI	ESS									
ENHANCEMENT PI VARIOUS STATEWIDE		(ROADSIDE) PLANTING OF WILDFLOWERS AND PERENNIAL BULBS ON FEDERAL-AID SYSTEM.	17849	12449 STPEL L	600	L 600	L 600	L 600	L 600	L 600	L 600	L 600	L 600	
				IN PROGRI	ESS									
VARIOUS STATEWIDE	ER-2973	ROADSIDE BEAUTIFICATION PROJECTS IN ALL FOURTEEN HIGHWAY DIVISIONS.	62993	35993 STPEL L	3000	L 3000	L 3000	L 3000	L 3000	L 3000	L 3000	L 3000	L 3000	
				IN PROGR	ESS									
VARIOUS STATEWIDE	ER-3101	SPECIAL EVENTS PLANTING STATEWIDE.	13429	9829 STPEL L	400	L 400	L 400	L 400	L 400	L 400	L 400	L 400	L 400	
				IN PROGRI	ESS									
VARIOUS STATEWIDE	ER-3102	IMPLEMENTATION OF STATEWIDE SCENIC BYWAYS PROGRAM.	1781	1106 STPEL N	l 75	N 75	N 75	N 75	N 75	N 75	N 75	N 75	N 75	
				IN PROGRI	ESS									
VARIOUS STATEWIDE	ER-5100	ROADSIDE ENVIRONMENTAL PROJECTS AND TREE PLANTINGS.	7605	7605										
				IN PROGRI	ESS									
VARIOUS STATEWIDE	ER-3419	NORTH CAROLINA STATE BYWAYS BOOKLET PRINTING.	50	50										
				IN PROGRI	ESS									
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.	27358	14758 STPER C	1400	C 1400	C 1400	C 1400	C 1400	C 1400	C 1400	C 1400	C 1400	
				IN PROGR	ESS									
VARIOUS STATEWIDE	ER-3611	COLOR CANOPY AND TREE PLANTING STATEWIDE.	5727	3477 STPEL L	250	L 250	L 250	L 250	L 250	L 250	L 250	L 250	L 250	
				IN PROGRI	ESS									
BLUE RIDGE PARKWAY STATEWIDE	ER-3817	SCENIC ENHANCEMENT AND VIEWSHED PROTECTION. (101.4 MILES)	2200	2200										
CIAILWIDE				IN ACQUIS	ITION									

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

ROUTE/CITY		LOCATION / DESCRIPTION		YEARS COST FUNDING		5 Y	EAR WORK P	ROGRAM			DEVELOPME	ENTAL PROGRAM	1	UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
HAZARD ELIMI VARIOUS STATEWIDE	INATION PRO SI-4901	<u>JECTS</u> NO NEED 2 SPEED SAFETY INITIATIVE.  SIGNING, EVALUATION, AND IMPLEMENTATION.	280	280										
				IMPLEMEN	ITATION IN P	ROGRESS								
VARIOUS STATEWIDE	SI-4900	BLUE STAR MEMORIAL HIGHWAY SIGNING. INSTALL SIGNS AT VARIOUS LOCATIONS STATEWIDE.	250	250										
				UNDER CO	NSTRUCTIO	N								
VARIOUS STATEWIDE	SI-4735	SAFETY MANAGEMENT INITIATIVES.	1107	1107										
				IN PROGR	ESS					. <u> </u>				
VARIOUS STATEWIDE	SI-4902	FREEWAY SIGNING INITIATIVE. INSTALL OF REPLACE CRITICAL DIRECTIONAL SIGNS.	200	200										
				UNDER CO	NSTRUCTIO	N								_
VARIOUS STATEWIDE	W-4447	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	75829	29029 HES PI	5200	PE 5200								
				IN PROGR	ESS									
VARIOUS STATEWIDE	W-5301	LANE DEPARTURE SYSTEMIC IMPROVEMENTS.	50000	5000 HES (	5000	C 5000	C 5000	C 5000	C 5000	C 5000	C 5000	C 5000	C 5000	
VARIOUS STATEWIDE	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.	10000	1000 HES (	1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	
				IN PROGR	ESS									
SAFE ROUTES VARIOUS STATEWIDE		S SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL,TRAINING AND OTHER NON- INFRASTRUCTURE NEEDS.	1925	1025 SRTS   1	100	N 100	N 100	N 100	N 100	N 100	N 100	N 100	N 100	
				IN PROGR	ESS									
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL COMSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.	45307	5707 SRTS F		R 400 C 4000								
				IN PROGR	ESS									
PASSENGER R														
VARIOUS STATEWIDE	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.	132357	2356 T2001										C 130001
				RIGHT OF	WAY IN PRO	GRESS								
VARIOUS STATEWIDE	P-3418	PLANNING, MANAGEMENT AND RESEARCH STUDIES.	14367	7167 T2001	800	F 800	F 800	F 800	F 800	F 800	F 800	F 800	F 800	
				IN PROGR	ESS									
						•								

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY   10				TOTAL	PRIOR					FISCAL YEARS					
COUNTY   NUMBER   (LENGTH)   (THOU) (THOU) SOURCE   FY 2012   FY 2013   FY 2014   FY 2015   FY 2016   FY 2017   FY 2018   FY 2019   FY 2020   FY 2017   FY 2018   FY 2019   FY 2019   FY 2020   FY 2017   FY 2018   FY 2019   FY 2017   FY 2018   FY 2018   FY 2019   FY 2017   FY 2018   FY 2017   FY 2018   FY 2019   FY 2017   FY 2018   FY 2017   FY 2018   FY 2019   FY 2017   FY 2018   FY 2017   FY 2017   FY 2018   FY 2017   FY 2017   FY 2018   FY 2017   FY 2018   FY 2017   FY 2018   FY 2017   FY	DOLITE/CITY		LOCATION / DESCRIPTION				5 YE	EAR WORK PI	ROGRAM			DEVELOPME	NTAL PROGRAM	1	UNFUNDED
VARIOUS STATEWIDE P449 SEALED CORRIDOR SELECTED SERVING CATES, POLITICAL PER CATES, POLITICAL						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
STATEWIDE  FOURTEEN (14) DIVISIONS.    12001   100   1	VARIOUS		SEALED CORRIDOR-SELECTED SEHSRC CROSSINGS. MEDIAN BARRIERS, ARTICULATED GATES, FOUR- QUADRANT GATES, WARNING DEVICE REVISIONS,	12307		DNSTRUCTIO	N								
STATEWIDE   P-4404   SOUTHEAST HIGH SPEED RAIL CORRIDOR. UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE IV RAILED HAND CHARLED HAND CHARLOTTE AND THE APEX/CARY BYPASS SEGMENT.   IN PROGRESS   IN PROGRESS		P-3809		5810	T2001	I 100									
STATEWIDE		P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	19000			C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	
VARIOUS   STATEWIDE   SIGNAL IMPROVEMENTS.   14130   6570   T2001   C   840   C   84		P-4404	UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE TO THE VIRGINIA STATE LINE VIA RALEIGH AND CHARLOTTE AND THE APEX/CARY BYPASS												
STATEWIDE PROJECTS.  IN PROGRESS  VARIOUS P-3309 AT-GRADE CROSSING ELIMINATION AND IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL FOURTEEN (14) DIVISIONS.  IN PROGRESS  6752 RR C 150		P-4702		14130	6570 T2001	840	C 840	C 840	C 840	C 840	C 840	C 840	C 840	C 840	
STATEWIDE IMPROVEMENT PROJECTS, CORRIDOR T2001 C 150 C		P-4700		6900		ESS									
IN PROGRESS		P-3309	IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL	9452											
					IN PROGR	ESS									

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

FISCAL YEARS TOTAL PRIOR PROJ YEARS 5 YEAR WORK PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED ROUTE/CITY **LOCATION / DESCRIPTION** COST COST FUNDING ID (LENGTH) (THOU) (THOU) SOURCE FY 2012 FY 2013 FY 2015 FY 2016 FY 2017 FY 2018 FY 2020 **FUTURE YEARS** FY 2014 FY 2019 COUNTY NUMBER **PASSENGER RAIL PROJECTS** CONGESTION MITIGATION CROSSOVERS. 27523 495 STHSR PE 425 A VARIOUS P-5005 503 A STATEWIDE STHSR STHSR 5326 A STHSR PE 430 B STHSR 400 B STHSR 5941 B STHSR 4000 C 8000 C 12 D 11 D STHSR STHSR 967 D STHSR 12 D STHSR 11 D 990 D CAROLINIAN CORRIDOR - CSXT MP A 101.0 (ENFIELD CROSSING) CAROLINIAN CORRIDOR - CSXT MP A 115.9 (ARMSTRONG CROSSING) CAROLINIAN CORRIDOR - CSXT MP A 86.4 (SOUTH WELDON CROSSING) D PIEDMONT CORRIDOR - FAIRGROUNDS CROSSING IN PROGRESS 1750 T2001 C 1787 C 1824 C 1902 C 1942 C 1982 C 2024 2067 2110 VARIOUS P-5202 ENVIRONMENTAL STUDIES FOR RAIL 19251 CAPITAL PROJECTS. STATEWIDE IN PROGRESS 3086 T2001 C 189001 VARIOUS P-5004 SOUTHEASTERN NORTH CAROLINA 192087 PASSENGER RAIL SERVICE. RALEIGH TO STATEWIDE WILMINGTON VIA GOLDSBORO. **RIGHT OF WAY IN PROGRESS** VARIOUS HIGHWAY-RAIL CROSSING INVENTORY. 3075 2625 RR STATEWIDE IN PROGRESS C 1000 1000 1000 VARIOUS Y-4100 HIGHWAY-RAIL CROSSINGS SAFETY 15384 6384 RR IMPROVEMENTS AND INVENTORY STATEWIDE PASSENGER ROUTES. UNDER CONSTRUCTION VARIOUS Y-4800 TRAFFIC SEPARATION STUDY 17285 17285 IMPLEMENTATION AND CLOSURES. STATEWIDE IN PROGRESS VARIOUS Z-5400 HIGHWAY-RAIL GRADE CROSSING SAFETY 12309 C 12309 IMPROVEMENTS. STATEWIDE VARIOUS HIGHWAY-RAIL GRADE CROSSING SAFETY 8500 Z-5300 8500 IMPROVEMENTS. STATEWIDE IN PROGRESS

#### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

TOTAL PRIOR

5 YEAR WORK PROGRAM

**FISCAL YEARS** DEVELOPMENTAL PROGRAM UNFUNDED FY 2015 FY 2016 FY 2017 FY 2020 **FUTURE YEARS** FY 2018 FY 2019 1000 C 1000 C 1000 1000 400 C 400 C 400 C 400 400 C 400 L 1100 500 500 500 500 90 90

		IOIAL	rnion
		PROJ	YEARS
ID	LOCATION / DESCRIPTION	COST	COST F

(LENGTH)

COST COST FUNDING (THOU) (THOU) SOURCE FY 2012

9000

FY 2013 FY 2014

#### **PASSENGER RAIL PROJECTS**

ROUTE/CITY

COUNTY

STATEWIDE

HIGHWAY-RAIL GRADE CROSSING SAFETY VARIOUS Z-5200

IMPROVEMENTS. STATEWIDE

NUMBER

IN PROGRESS - RAIL DIVISION PURCHASE ORDER CONTRACT (RPOC)

VARIOUS Z-4100 HIGHWAY-RAIL CROSSING SAFETY 9000

IMPROVEMENTS AND INVENTORY. STATEWIDE

IN PROGRESS

PIEDMONT CORRIDOR P-3414 TRAVEL TIME IMPROVEMENTS TO FREIGHT 71500 62500 T2001 C 1000 C 1000

AND PASSENGER RAIL CORRIDORS BETWEEN RALEIGH AND CHARLOTTE AND MATCH FEDERAL FUNDS.

6700

26960

3303

316

316

IN PROGRESS

STATEWIDE Z-5100 HIGHWAY-RAIL GRADE CROSSING SAFETY

IMPROVEMENTS. STATEWIDE

IN PROGRESS

400

500

500

3100 IMPM C

**ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)** 

**VARIOUS** K-4704 INTERSTATE REST AREA SYSTEM STATEWIDE

PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS

AND OTHER REHABILITATION ITEMS.

IN PROGRESS

17060 PLF L 1100

**ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)** 

VARIOUS PLANTING OF PERENNIAL BULBS AND L-2133 WILDFLOWERS WITHIN THE 14 HIGHWAY STATEWIDE

DIVISIONS. LANDSCAPE.

IN PROGRESS 1243 PLF L

VARIOUS COLOR AND CANOPY AND TREE PLANTING. 5743 L-2500 STATEWIDE

IN PROGRESS

2493 PLF L

VARIOUS L-1000 REPLACEMENT PLANTS AT SELECTED LOCATIONS WITHIN THE 14 HIGHWAY STATEWIDE

DIVISIONS. LANDSCAPE.

NORTH CAROLINA SCENIC BYWAYS LAND

VARIOUS CONSERVATION INITIATIVE TO IMPLEMENT STATEWIDE RESOURCE PROTECTION AND HERITAGE TOURISM DEVELOPMENT TO ENHANCE AND PRESERVE SCENIC VISTAS AND TOURISM

**CORRIDORS ALONG 26 OF NORTH** CAROLINA'S SCENIC BYWAYS.

IN PROGRESS

IN PROGRESS

### STATEWIDE PROJECTS

IN PROGRESS

### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

			TOTAL	PRIOR			FI	ISCAL YEARS					
ROUTE/CITY	ID	LOCATION / DESCRIPTION	PROJ COST	YEARS COST FUNDING	5 YE	AR WORK PRO	GRAM			DEVELOPME	NTAL PROGRAI	И	UNFUNDED
COUNTY	ID Number	(LENGTH)		(THOU) SOURCE	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
ROADSIDE ENV	/IRONMENTA	L PROJECTS (SCENIC)											
VARIOUS	S-5106	PHASE II: NORTH CAROLINA SCENIC	2744	2744									
STATEWIDE		BYWAYS LAND CONSERVATION INITIATIVE											
		TO ADVANCE THE PERMAMENT											
		PROTECTION OF IMPORTANT NATURAL, HISTORIC, CULTURAL AND VISUAL											
		RESOURCES ALONG 25 OF NORTH											

CAROLINA'S SCENIC BYWAYS.

# Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

# Section II 2012-2018 Transportation Improvement Program-Transit

This section lists Transit projects funded in the 2012-2018 TIP.

MUMPO amended its 2009-2015 TIP to include construction of the Charlotte Streetcar project (TE-5103) from the Charlotte Transportation Center to the intersection of Elizabeth Avenue and Hawthorne Lane. This project is included in the 2012-2018 TIP.

#### 2012-2018 Transportation Improvement Program Mecklenburg-Union Metropolitan Planning Organization Transit

WORK	MODE	GOAL	TIER	DIV	COUNTIES	MPO/RPO	Transit Partners and Providers	STIP#	DESCRIPTION		FTA STIP match	2011	2012	2013	2014	2015	2016	2017	2018 2019	2020	notes
PROGRAM Construction &	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710A	Expansion Bus - fixed route 8	80% C	FUND           5307         FUZ         US	\$6,567	\$6,885								
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710A	Expansion Bus - fixed route	10% C	5307 FUZ STAT	\$821	\$861								
Engineering	Transportation								·												
Construction & Engineering	Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710A	·		5307 FUZ L	\$821									
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710B	Expansion Bus - fixed route 10	00% C	5307 CMAQ US	\$460	\$460								
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710C	Expansion Bus (Debt Service)	80% C	5307 FUZ US	\$4,226	\$2,910	\$2,860	\$2,771						
Construction &	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710C	Expansion Bus (Debt Service)	10% C	5307 FUZ STAT	\$528	\$364	\$357	\$346						
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4710C	Expansion Bus (Debt Service)	10% C	5307 FUZ L	\$528	\$364	\$357	\$346						
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4711	Replacement - paratransit vehicle	80% C	5307 FUZ US	\$1,500	\$1,655	\$1,638	\$1,687	\$1,737	\$1,789				
Engineering	Transportation	,																			
Construction & Engineering	Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4711	Replacement - paratransit vehicle	10% C	5307 FUZ STAT	\$188		\$205	\$211	\$217	\$224				
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4711	Replacement - paratransit vehicle	10% C	5307 FUZ L	\$188	\$207	\$205	\$211	\$217	\$224				
Construction & Engineering		mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4716	Expansion Van - vanpool 8	80% C	5307 FUZ US			\$83							
Construction &	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4716	Expansion Van - vanpool	10% C	5307 FUZ STAT			\$11							
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4716	Expansion Van - vanpool	10% C	5307 FUZ L			\$10							
Engineering Construction &	Transportation Public	infrastructure	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785A	Replacement Bus - (C-4954)	С	5307 CMAQ US	\$920	\$920								
Engineering	Transportation	health	_				CHARLOTTE AREA TRANSIT						·								
Engineering	Public Transportation	health	sub regional		Mecklenburg Union	CHARLOTTE		TA-4785A	, , ,		5307 CMAQ STAT	\$115	·								
Construction & Engineering	Public Transportation	infrastructure health	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785A	Replacement Bus - (C-4954)	10% C	5307 CMAQ L	\$115	\$115								
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785B	Replacement Bus - (C-5106)	80% Oc	5307 CMAQ US	\$800									
Operational	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785B	Replacement Bus - (C-5106)	10% Oc	: 5307 CMAQ STAT	\$100									
Operational	Transportation Public	health infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785B	Replacement Bus - (C-5106)	10% Oc	: 5307 CMAQ L	\$100									
Construction &		health infrastructure	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785C	Replacements bus (MU-10)	80% C	5307 CMAQ US			\$2,128	\$2,128	\$2,128					MU-10 CMAQ unit table confirmed 3/7/11
Engineering	Transportation	health																			
Construction & Engineering	Transportation		_	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785C	` ` ` `		5307 CMAQ STAT			\$266	\$266	\$266					MU-10 CMAQ unit table confirmed 3/7/11
Construction & Engineering		infrastructure health	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4785C	Replacements bus (MU-10)	10% C	5307 CMAQ L			\$266	\$266	\$266					MU-10 CMAQ unit table confirmed 3/7/11
Construction & Engineering	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4960	Replacement Van - Vanpool 8	80% C	5307 FUZ US	\$494	\$327	\$337	\$347	\$357	\$368				
Construction &	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-4960	Replacement Van - Vanpool 2	20% C	5307 FUZ L	\$124	\$82	\$84	\$87	\$89	\$92				
Engineering Construction &	Transportation Public		regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5121	Replacement Bus - fixed route	80% C	5307 FUZ US	\$5,403	\$19,415	\$5,893	\$7,052	\$9,360	\$10,529				
Engineering Construction &	<u> </u>	health infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5121	Replacement Bus - fixed route	10% C	5307 FUZ STAT	\$675	\$2,427	\$737	\$882	\$1,170	\$1,316				
Engineering Construction &	Transportation	health				CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5121			5307 FUZ L	\$675		\$737	\$882		\$1,316				
Engineering	Transportation	infrastructure health	_		Mecklenburg Union				·			φυ/ο	ΨΕ,4ΕΙ		ΨΟΟΖ	ψ1,170	ψ1,310				MIL 44 OMAO
	Transportation	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5125	·		5307 CMAQ US			\$1,064							MU-11 CMAQ unit table confirmed 3/7/11
Construction & Engineering	Public Transportation	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5125	Expansion Bus	10% C	5307 CMAQ STAT			\$133	T						MU-11 CMAQ unit table confirmed 3/7/11
Construction &	Public	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-5125	Expansion Bus	10% C	5307 CMAQ L			\$133							MU-11 CMAQ unit table confirmed 3/7/11
Engineering Construction &		mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-6515	Expansion Bus 8	80% C	5310 FEPD US	\$178									
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-6515	Expansion Bus	10% C	5310 FEPD STAT	\$21									
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TA-6515	Expansion Bus	10% C	5310 FEPD L	\$21									
Engineering	Transportation	,	· ·						·					<b>CO 147</b>	¢0.447	<b>0.700</b>					
_ , _ ,	Transportation	health	regional		Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4701	Facility - Maintenance - Construction (Debt Service)			\$2,120		\$2,117	\$2,117						
Construction & Engineering	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4701	Facility - Maintenance - Construction (Debt Service)	10% C	5307 FUZ STAT	\$265	\$264	\$265	\$265	\$345					
Construction & Engineering	Public	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4701	Facility - Maintenance - Construction (Debt Service)	10% C	5307 FUZ L	\$265	\$264	\$265	\$265	\$345					
Construction &	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4702		80% C	5307 FUZ US		\$80	\$360							
Engineering Construction &		mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4702	Facility - transit center upgrades	10% C	5307 FUZ STAT		\$10	\$45							
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4702	Facility - transit center upgrades	10% C	5307 FUZ L		\$10	\$45							
	Transportation	,				CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4703A				\$1,248		\$848							
Engineering	Transportation	health	regional		Mecklenburg Union						5307 FUZ US										
Construction & Engineering	Public Transportation		regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4703A	Facility - maintenance N. Davidson St.	10% C	5307 FUZ STAT	\$156	\$111	\$106							
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#### 2012-2018 Transportation Improvement Program Mecklenburg-Union Metropolitan Planning Organization Transit

Construction &	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4703A	Facility - maintenance N. Davidson St.	10%	C 5307 F	UZ L	\$156	\$111	\$106			
Engineering	Transportation	health			J.				·				\$130	φιιι	\$100			
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704A	Facility - Park & Ride	80%	C 5307 F	UZ US						
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704A	Facility - Park & Ride	10%	C 5307 F	UZ STAT						
Construction &	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704A	Facility - Park & Ride	10%	C 5307 F	UZ L						
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704B	Facility - Park & Ride (C-4952)	80%	C 5307 C	MAQ US	\$150	\$2,600				september 2, 2010 STIP amendment
Engineering Construction &	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704B	Facility - Park & Ride (C-4952)	10%	C 5307 CI	MAQ STAT	\$19	\$325				september 2, 2010 STIP amendment
Engineering Construction &	Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704B	Facility - Park & Ride (C-4952)	10%	C 5307 CN	MAQ I	\$19	\$325				september 2, 2010 STIP amendment
Engineering	Transportation	,			-								Ψισ	ψοΣο		<b>#</b> 000		
	Transportation	mobility	sub regional	10	Gaston	GASTONIA	CHARLOTTE AREA TRANSIT		Facility - Park & Ride - CATS X85 City of Belmont		C 5307 CM					\$800		GA-3 CMAQ unit table adjusted year 3/7/2011
Construction & Engineering	Public Transportation	mobility	sub regional	10	Gaston	GASTONIA	CHARLOTTE AREA TRANSIT	TD-4704C	Facility - Park & Ride - CATS X85 City of Belmont	10%	C 5307 C	MAQ STAT				\$100		GA-3 CMAQ unit table adjusted year 3/7/2011
Construction &	Public Transportation	mobility	sub regional	10	Gaston	GASTONIA	CHARLOTTE AREA TRANSIT	TD-4704C	Facility - Park & Ride - CATS X85 City of Belmont	10%	C 5307 C	MAQ L				\$100		GA-3 CMAQ unit table adjusted year 3/7/2011
Construction &	Public	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704D	Facility - Park & Ride	80%	C 5307 C	MAQ US			\$1,600	\$2,400		MU-7 CMAQ unit table confirmed 3/7/2011
Engineering Construction &	Transportation Public	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704D	Facility - Park & Ride	10%	C 5307 C	MAQ STAT			\$200	\$300		MU-7 CMAQ unit table confirmed 3/7/2011
Engineering Construction &	Transportation Public	mobility	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TD-4704D	Facility - Park & Ride	10%	C 5307 CN	MAQ L			\$200	\$300		MU-7 CMAQ unit table confirmed 3/7/2011
	Transportation	mobility	regional		Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TE-4901	Fixed Guideway - Blue Line Extension -		C 5309 F		\$14 700	\$47 818		\$107,748 \$137,675 \$102,23	2 \$3 135	
Engineering	Transportation	····oomity	. ogioriai	10	onionouty official	J. II II LOTTE	S. J. MEOTTE / MEATINATOIT	12-4301	plans, design, acquisition, construction	50 /0	0000		ψ1-7,700	ψ +1 ,O 10	400,Z70	ψ107,075 ψ102,25	Ψ0,100	
Construction &		mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TE-4901	Fixed Guideway - Blue Line Extension -	25%	C 5309 F	NS STAT	\$7,350	\$23,909	\$25,122	\$53,874 \$68,838 \$51,11	6 \$1,567	
Engineering	Transportation								plans, design, acquisition, construction									
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TE-4901	Fixed Guideway - Blue Line Extension - plans, design, acquisition, construction	25%	C 5309 F	NS L	\$7,350	\$23,910	\$25,121	\$53,874 \$68,838 \$51,11	6 \$1,567	
		mobility	ragional	10	Maaklanhura I Inian	CHARLOTTE	CHARLOTTE AREA TRANSIT	TE 5102		600/	C 5309 F	NS US	\$24,990					
	Transportation	mobility	regional		Mecklenburg Union			TE-5103	Fixed Guideway - Charlotte Streetcar - plans, design, acquisition, construct									
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TE-5103	Fixed Guideway - Charlotte Streetcar - plans, design, acquisition, construct	32%	C 5309 F	NS L	\$12,000					
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4703	Routine Capital - maintenance N. Davidson St. (U-5210)	80%	C 5307 S	STP US	\$1,500					
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4703	Routine Capital - maintenance N. Davidson St. (U-5210)	20%	C 5307 S	STP L	\$375					
Operational	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4726	Routine Capital - Bus stop shelters,	80%	C 5307 F	UZ US	\$560	\$4,333	\$1,165	\$1,082 \$1,094 \$1,12	2 \$1,122 \$1,122 \$1,122	\$1,122
Operational	Transportation Public	health infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4726	benches, shop equip., spare parts,  Routine Capital - Bus stop shelters,	20%	C 5307 F	UZ L	\$140	\$1,083	\$291	\$271 \$274 \$28	1 \$281 \$281 \$28	\$281
	Transportation	health							benches, shop equip., spare parts, engines, farebox, etc									
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4827	Routine Capital - service vehicle	80%	C 5307 F	UZ US	\$181	\$264	\$188	\$281 \$240 \$12	8	
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-4827	Routine Capital - service vehicle	20%	C 5307 F	UZ L	\$45	\$66	\$47	\$70 \$60 \$3	2	
Operational	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5118A	Routine Capital - Rail	80%	C 5309 FM	MOD US				\$1,000 \$1,00	0	
Operational	Transportation Public	health infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5118A	Routine Capital - Rail	20%	C 5309 FN	MOD US				\$250 \$25	0	
Operational	Transportation Public	health infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5118B	Routine Capital - Rail	80%	C 5307 F	UZ US	\$400	\$3,463	\$2.167	\$2,279 \$1,412 \$28	1	
Operational	Transportation Public	health				CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5118B	· ·		C 5307 F		\$100	\$866	\$542	\$570 \$603 \$32		
	Transportation	infrastructure health	•		Mecklenburg Union				·					·				00.500
Operational	Public Transportation	infrastructure health		10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5119	Preventative Maintenance - Rail, Bus and Facilities		Oc 5307 F			\$6,800	\$6,800	\$3,518 \$2,887 \$3,52		\$ \$3,528
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TG-5119	Preventative Maintenance - Rail, Bus and Facilities	20%	Oc 5307 F	UZ L	\$1,028	\$1,700	\$1,700	\$880 \$722 \$88	2 \$882 \$882 \$883	2 \$882
Operational	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TM-4701	Operating Assistance	50%	O 5316 JA	ARC US	\$360	\$360	\$360	\$360 \$360 \$36	0 \$360 \$360 \$360	\$360
Operational	Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TM-4701	Operating Assistance	50%	O 5316 J	ARC L	\$360	\$360	\$360	\$360 \$360 \$36	0 \$360 \$360 \$360	\$360
Operational	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TN-4701	Operating assistance - New Freedom -	50%	O 5317 F	NF US	\$244	\$254	\$270	\$280 \$294 \$29	4 \$294 \$294 \$294	\$294
Operational	Transportation Public	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TN-4701	urban Operating assistance - New Freedom -	50%	O 5317 F	NF L	\$244	\$254	\$270	\$280 \$294 \$29	4 \$294 \$294 \$294	\$294
Operational	Transportation Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-4796	urban Operating assistance - downtown shuttle	50%	Oc 5307 Cf	MAQ US	\$650					
Operational	Transportation Public	health infrastructure	regional		Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-4796	(C-5107) Operating assistance - downtown shuttle		Oc 5307 CM		\$650					
,	Transportation	health	•						(C-5107)					¢12 552	¢12 EE2	\$12.552 \$12.552 \$42.55	2 \$42.552 \$42.552 \$42.55	\$12,552
Operational	Public Transportation	infrastructure health	•		Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137	Operating Assistance		O SMAP SI		\$12,390	φ12,552			2 \$12,552 \$12,552 \$12,552	
Operational	Public Transportation	infrastructure health	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137A	Operating assistance - Pineville to LYNX Blue Line	50%	O 5307 CM	MAQ US			\$293	\$293 \$293		MU-11 CMAQ unit table confirmed 3/7/11
Operational	Public Transportation	infrastructure health	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137A	Operating assistance - Pineville to LYNX Blue Line	50%	O 5307 CM	MAQ L			\$293	\$293 \$293		MU-11 CMAQ unit table confirmed 3/7/11
Operational	Public	infrastructure	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137B	Operating assistance - Harrisburg Rd	50%	O 5307 CM	MAQ US			\$293			MU-8 CMAQ unit table confirmed 3/7/11
L	Transportation	health		1	L	_1			Express	<u> </u>								

#### 2012-2018 Transportation Improvement Program Mecklenburg-Union Metropolitan Planning Organization Transit

Operational	Public	infrastructure	sub regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137B	Operating assistance - Harrisburg Rd	50%	O 5307 CMAQ L			\$293						MU-8 CMAQ unit table confirmed 3/7/1
	Transportation	health							Express			-								
Operational	Public Transportation	infrastructure health	sub regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137C	Operating assistance - Highland Creek	50%	O 5307 CMAQ U	S		\$293						MU-9 CMAQ unit table confirmed 3/7/1
Operational	Public Transportation	infrastructure health	sub regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TO-5137C	Operating assistance - Highland Creek	50%	O 5307 CMAQ L	-		\$293						MU-9 CMAQ unit table confirmed 3/7/1
Operational	Public Transportation	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TQ-6505	Operating assistance - Elderly and Disabled persons	50%	O 5310 FEPD U	S \$16	2 \$162							
Operational	Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TQ-6505	Operating assistance - Elderly and	50%	O 5310 FEPD L	. \$16	2 \$162							
Operational	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TQ-6509	Disabled persons  Mobility - Elderly and Disabled persons	80%	Oc 5310 FEPD U	S \$10	7 \$107							
Operational	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TQ-6509	assistance - urban area  Mobility - Elderly and Disabled persons	10%	Oc 5310 FEPD STA	AT \$1	3 \$13							
Operational	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TQ-6509	assistance - urban area Mobility - Elderly and Disabled persons	10%	Oc 5310 FEPD L	. \$1	3 \$13							
Construction &	Transportation	safety	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TS-5107	assistance - urban area Safety & Security - Min. 1% set aside	80%	C 5307 FUZ US	S \$32	2 \$544	\$288	\$262	\$240	\$189	\$47	\$47 \$4	17 \$47
Engineering	Transportation	safety				CHARLOTTE	CHARLOTTE AREA TRANSIT	TS-5107			C 5307 FUZ L				\$65	\$60	\$47			12 \$12
	Transportation		regional		Mecklenburg Union				Safety & Security - Min. 1% set aside					Ψ12	φοσ	<b>\$00</b>	Ψ47	φ12	φ12 φ	
Construction & Engineering	Transportation	safety	regional		Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TS-5132	Safety & Security - Passenger Assistance Telephones on LYNX line		C 0000 UTCH STA	AI	\$72							FY2012 UTCH approved
Construction & Engineering	Public Transportation	safety	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TS-5132	Safety & Security - Passenger Assistance Telephones on LYNX line	10%	C 0000 UTCH L	-	\$8							FY2012 UTCH approved
Construction &		mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906	Technology - veh. tracking, passenger info, data communications, traffic signal	80%	C 5307 FUZ U	S \$27	7 \$1,038	\$875	\$619	\$595	\$918			
Construction & Engineering		mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906	Technology - veh. tracking, passenger info, data communications, traffic signal	10%	C 5307 FUZ ST	AT \$3	5 \$130	\$109	\$77	\$74	\$115			
		mobility:	ragional	40	Modelonburg Un's	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT 4000	prioirty	4007	C 5307 517	•	E 6400	<b>@400</b>	677	674	6415			
Construction & Engineering	Public Transportation	mobility	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906	Technology - veh. tracking, passenger info, data communications, traffic signal	10%	C 5307 FUZ L	. \$3	5 \$130	\$109	\$77	\$74	\$115			
Construction &		mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906B	prioirty Technology - automated interactive voice	90%	C 0000 UTCH STA	AT \$92	3							FY2011 UTCH approved
Engineering Construction &	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906B	response Technology - automated interactive voice	10%	C 0000 UTCH STA	AT \$10	3							FY2011 UTCH approved
Engineering Construction &	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-4906D	response Technology - veh. tracking, passenger		C 5307 CMAQ U		3							
Engineering	Transportation		9						info, data communications, traffic signal prioirty	,										
Construction &		mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-5215	Technology - Digital Media and Content	90%	C 0000 UTCH STA	AT	\$225							FY2012 UTCH approved
Construction &		mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-5215	Management System Technology - Digital Media and Content	10%	C 0000 UTCH L	-	\$25							FY2012 UTCH approved
Engineering Construction &	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-5216	Management System Technology - Real Time Passenger	90%	C 0000 UTCH STA	AT	\$72							FY2012 UTCH approved
Engineering Construction &	Transportation Public	mobility	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TT-5216	Information System Technology - Real Time Passenger	10%	C 0000 UTCH L	-	\$8							FY2012 UTCH approved
Engineering Construction &	Transportation Public	infrastructure	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-4901	Information System Fixed Guideway Modernization	80%	C 5309 FMOD US	S \$35	0 \$600	\$650	\$800	\$300	\$350	\$600	\$650 \$80	00
	Transportation	health infrastructure			Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-4901	Fixed Guideway Modernization		C 5309 FMOD ST/				\$100	\$100	\$100		\$100 \$10	
Engineering	Transportation	health			Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT				C 5309 FMOD L	. \$10				\$100	\$100			
Construction & Engineering	Transportation	infrastructure health						TW-4901	Fixed Guideway Modernization					Ť	\$100				\$100 \$10	,,,,
Operational	Public Transportation	infrastructure health	regional	10 1	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5102A	Fixed Guideway Modernization - bridge inspection & emergency repairs	80%	C 5307 FUZ U	S \$8	0 \$180	\$159	\$200	\$240	\$240			
Operational	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5102A	Fixed Guideway Modernization - bridge	10%	C 5307 FUZ ST	AT \$1	0 \$23	\$20	\$25	\$30	\$30			
Operational	Transportation Public	health infrastructure	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5102A	inspection & emergency repairs Fixed Guideway Modernization - bridge	10%	C 5307 FUZ L	. \$1	0 \$23	\$21	\$25	\$30	\$30			
	Transportation	health							inspection & emergency repairs											
Operational	Public Transportation	infrastructure health	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5102B	Fixed Guideway Modernization - bridge inspection & emergency repairs	80%	C 5309 FMOD U	S			\$200	\$240	\$240			
Operational	Public	infrastructure	regional	10	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5102B	Fixed Guideway Modernization - bridge	20%	C 5309 FMOD U	S			\$50	\$60	\$60			
	Transportation	health							inspection & emergency repairs											
Operational	Public Transportation	infrastructure health	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5104A	Fixed Guideway Modernization - Bus and rail state of good repair	80%	C 5309 FMOD U	S \$1,95	0			\$736				
Operational	Public Transportation	infrastructure health	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5104A	Fixed Guideway Modernization - Bus and	80%	C 5309 FMOD U	S \$48	7			\$184				
Operational	Public	infrastructure	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5104B	rail state of good repair  Fixed Guideway Modernization - Bus and	80%	C 5307 FUZ U:	S \$5,04	1 \$4,080	\$3,280	\$4,200	\$3,280				
Operational	Transportation Public	health infrastructure	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5104B	rail state of good repair Fixed Guideway Modernization - Bus and	10%	C 5307 FUZ STA	AT \$63	0 \$510	\$410	\$525	\$502				
Operational	Transportation Public	health infrastructure	regional	10 [	Mecklenburg Union	CHARLOTTE	CHARLOTTE AREA TRANSIT	TW-5104B	rail state of good repair Fixed Guideway Modernization - Bus and	10%	C 5307 FUZ L	. \$1,11	8 \$510	\$410	\$525	\$502				
Operational	Transportation Public	health mobility	statewide		Mecklenburg Lincoln		COACH AMERICA	TI-6101	rail state of good repair Intercity Bus - Boone to Charlotte		O 5311f FNU US				\$246	\$246	\$246	\$246	\$246 \$24	16 \$246
2, 2. 4.0.141	Transportation	,		1.12	Catawba Caldwell Watauga				and the state of t	.070		Ψ24	Ψ2-10	Ψ2-10	42.10		<i>\$</i> 2.40	Ψ_40	Ψ2.	· · · · · ·
Operational	Public	mobility	statewide	10.1	Mecklenburg Lincoln	various	COACH AMERICA	TI-6101	Intercity Bus - Boone to Charlotte	40%	O 5311f FNU STA	AT \$24	4 \$244	\$244	\$244	\$244	\$244	\$244	\$244 \$24	\$244
	Transportation				Catawba Caldwell Watauga															

#### 2012-2018 Transportation Improvement Program Mecklenburg-Union Metropolitan Planning Organization Transit

Operational	Public Transportation	mobility	statewide	10.1 Mecklenburg Lincoln 1.12 Catawba Caldwell	various	COACH AMERICA	TI-6101	Intercity Bus - Boone to Charlotte	20% (	5311f FNU	L	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$106	
				Watauga																		
Operational	Public Transportation	mobility	statewide	<ul><li>6.8. Cumberland, Hoke,</li><li>Moore, Richmond,</li><li>Anson, Union</li></ul>	various	COACH AMERICA	TI-6102	Intercity Bus - Fayetteville to Charlotte	40%	5311f FNU	US	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	
Operational	Public Transportation	mobility	statewide	6.8. Cumberland, Hoke, 10 Moore, Richmond, Anson, Union	various	COACH AMERICA	TI-6102	Intercity Bus - Fayetteville to Charlotte	40%	5311f FNU	STAT	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	\$265	
Operational	Public Transportation	mobility	statewide	6.8. Cumberland, Hoke, 10 Moore, Richmond, Anson, Union	various	COACH AMERICA	TI-6102	Intercity Bus - Fayetteville to Charlotte	20%	5311f FNU	L	\$116	\$116	\$116	\$116	\$116	\$116	\$116	\$116	\$116	\$116	

# Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

## Section III 2035 Long Range Transportation Plan Amendments

This section lists amendments to MUMPO's 2035 Long Range Transportation Plan (LRTP). The amendments were made necessary by changes to projects schedules between the 2009-2015 and 2012-2018 TIPs.

MUMPO's LRTP defines the policies, programs and projects to be implemented over the next 24 years in order to reduce congestion, improve safety, support land use plans and provide mobility choices throughout the planning area. The LRTP was originally adopted by the MPO in March 2010. It was amended in March 2011 to include a portion of the Charlotte Streetcar project (TE-5103) from the Charlotte Transportation Center to the intersection of Elizabeth Avenue and Hawthorne Lane.

# MUMPO LRTP AMENDMENTS Approved by the MPO July 20, 2011

(LRTP amendments in blue)

TIP #   Project   Formation   Project   Proj							
U-3850   Belk Freewayl-P7 interchange   2014   2014   Not in plan   2015   N/A	TIP#	Project	09-15 TIP FY	12-18 TIP FY			Reason for FY or HY Change
1-380   Selk Freeway); 7.7 interchange   2012   2015   2015   2015   N/A    -5405   1-77, HOV conversion to HOT and extend to exit 28   N/A   N/A   Not in plan   2025   New project    -77, HOV conversion to HOT and extend to exit 28   N/A   N/A   Not in plan   2025   New project    -77, HOV conversion to HOT and extend to exit 23   N/A   N/A   Not in plan   2025   New project    -77, HOV conversion to HOT and extendition to exit 33   N/A   N/A   Not in plan   2025   New project    -77, Hove the extension   Unfunded   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -77, Catawba Ave interchange   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -77, Catawba Ave interchange   Unfunded   2014   Not in plan   2025   Project accelerated to FY 2013    -77, Catawba Ave interchange   Unfunded   2014   Not in plan   2025   Project accelerated to FY 2013    -78, 240, City Boulevard Extension   Unfunded   2013   2015   FHWA requires project to be in LRTP    -78, 240, City Boulevard Extension   Unfunded   2013   2015   2025   Project is regionally significant    -75, 120, 120, 120, 120, 120, 120, 120, 120	R-211 EC	I-485/Weddington Road interchange	2011	Unfunded	2015	2025	Delayed to Unfunded status
1-77, HOV conversion to HOT and extend to exit 28	U-5110	McKee Road grade separation	2014	2014	Not in plan	2015	N/A
F77 HOT Lanes extension to exit 33   N/A   N/A   Not in plan   2025   New project    -4750   F77 widening (NC 73 to 1-40)   Unfunded   Unfunded   Unfunded   2011   2025   2015   Project accelerated to FY 2020    -4733   F77/Catawba Ave interchange   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2016   Not in plan   2025   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   2025   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   2025   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   2025   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   2025   Project accelerated to FY 2014    -4750   F77 widening (NC 73 to 1-40)   Unfunded   2013   2015   2025   Delayed due to delay in Augustalee project    -4750   Westmoreland Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project    -4750   U-5130   Jim Cooke Road (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project    -4750   Westmoreland Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project    -4750   Westmoreland Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project    -4750   Westmoreland Road (Augustalee)   2013   Drop   2015   Project accelerated to 1 delay in Augustalee project    -4750   Westmoreland Road (Widening   2011   Unfunded   2015   Remove from plan   Shift funds to Old Monroe Road, U-4714    -4750   Westmoreland Road widening	U-3850	Belk Freeway/I-77 interchange	2012	2012	2015	2015	N/A
F77 HOT Lanes extension to exit 33   N/A   N/A   Not in plan   2025   New project    -4750   F77 widening (NC 73 to I-40)   Unfunded   Unfunded   2011   2025   2015   Project accelerated to FY 2020    -4733   F77/Catawba Ave interchange   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to I-40)   Unfunded   2011   2025   2015   Project accelerated to FY 2013    -4750   F77 widening (NC 73 to I-40)   Project accelerated to FY 2013    -4750   Project scope has changed    -4750	I-5405	I-77, HOV conversion to HOT and extend to exit 28	N/A	2015	Not in plan	2025	New project
L-343   L-77/Catawba Ave interchange		I-77 HOT Lanes extension to exit 33	N/A	N/A	Not in plan	2025	
L-343   L-77/Catawba Ave interchange							
U-3467 Rea Road Extension 2013 (partial) 2016 Not in plan 2025 Project scope has changed U-5112 Potter Road improvements 2014 2014 Not in plan 2015 FHWA requires project to be in LRTP  R-2420A City Boulevard Extension Unfunded 2013 2015 2025 Project is regionally significant 1-5126 1-77 widening (Augustalee) 2013 Drop 2015 Drop Project replaced by new TIP mgd lanes project (1-5405) 1-5127 1-77 widening (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project U-5128 Statesville Road widening (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project U-5129 Westmoreland Road interchange (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project U-5129 Westmoreland Road widening (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project U-5130 Jim Cooke Road (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project U-5131 Northcross Drive Extension (Augustalee) 2013 Drop 2015 Drop Delayed due to delay in Augustalee project U-5131 Northcross Drive Extension (Augustalee) 2011 Unfunded 2015 2025 Delayed due to delay in Augustalee project U-2547 Charles St. widening 2011 Unfunded 2015 2025 Delayed due to delay in Augustalee project U-2549 Charles St. widening 2011 Unfunded 2015 2035 Delayed to Unfunded status U-3809 Indian Trail Road widening 2012 Drop 2015 Remove from plan Shiff funds to Old Monroe Road, U-4714 U-4714B Old Monroe Road widening 2011 Drop 2015 Remove from plan Shiff funds to Old Monroe Road, U-4714 U-4714B Old Monroe Road widening Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2019 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2019 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2019 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2012 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2012 Not in plan 2025 Project accelerated to FY 2018 Unfunded 2019 Not in plan 2025 Project accelerated to FY 201	I-4750	I-77 widening (NC 73 to I-40)	Unfunded	Unfunded	Not in plan	2025	Project accelerated to FY 2020
U-5112 Potter Road improvements  2014 2014 Not in plan  2015 FHWA requires project to be in LRTP  R-2420A City Boulevard Extension  Unfunded  2013 2015 2025 Project is regionally significant  F5126 FT7 widening (Augustalee)  2013 Drop  2015 Drop Project replaced by new TIP mgd lanes project (I-5405)  I-5127 I-77/Westmoreland Road interchange (Augustalee)  U-5128 Statesville Road widening (Augustalee)  U-5129 Westmoreland Road widening (Augustalee)  U-5130 Jim Cooke Road (Augustalee)  U-5130 Jim Cooke Road (Augustalee)  U-5131 Northcross Drive Extension (Augustalee)  D-6132 Drop  2015 Drop  2015 Drop  2015 Drop  2015 Remove from plan  Shift funds to Old Monroe Road, U-4714  U-4714B Old Monroe Road widening  U-5256 Rection)  See U-3809 and U-3825  Pr	I-4733	I-77/Catawba Ave interchange	Unfunded	2011	2025	2015	Project accelerated to FY 2013
R-2420A City Boulevard Extension Unfunded 2013 2015 2025 Project is regionally significant F-5126 I-77 widening (Augustalee) 2013 Drop 2015 Drop Project replaced by new TIP mgd lanes project (I-5405) I-5127 I-77/Westmoreland Road interchange (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project IU-5128 Statesville Road widening (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project IU-5129 Westmoreland Road widening (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project IU-5130 Jim Cooke Road (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project IU-5131 Northcross Drive Extension (Augustalee) 2013 Drop 2015 2025 Delayed due to delay in Augustalee project IU-5131 Northcross Drive Extension (Augustalee) 2013 Drop 2015 Drop Delayed due to delay in Augustalee project IU-5131 Northcross Drive Extension (Augustalee) 2011 Unfunded 2015 Drop Delayed due to delay in Augustalee project IU-3840 Indian Trail Road widening 2011 Unfunded 2015 2035 Delayed to Unfunded status IU-3809 Indian Trail Road widening 2012 Drop 2015 Remove from plan Shift funds to Old Monroe Road, U-4714 IU-4714B Old Monroe Road widening 2011 Drop 2015 Remove from plan Shift funds to Old Monroe Road, U-4714 IU-4714B Old Monroe Road widening I-485 to Indian Trail Road Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 IU-4913 Idlewild Road (Stallings) Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 IU-4913 Idlewild Road (Stallings) Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 IU-3311E I-77 SB Iane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project accelerated to FY 2018 IU-303 Airport Entrance Road Unfunded 2012 Not in plan 2025 Project accelerated to FY 2018 IU-303 Road-relocate intersection Information Info	U-3467	Rea Road Extension	2013 (partial)	2016	Not in plan	2025	Project scope has changed
F-5126   F-77 widening (Augustalee)   2013   Drop   2015   Drop   Project replaced by new TIP mgd lanes project (I-5405)     F-5127   F-77/Westmoreland Road interchange (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5128   Statesville Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5129   Westmoreland Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5130   Jim Cooke Road (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2013   Drop   2015   Drop   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2025   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   F-5131   Trail Road widening   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   Trail Road widening   2011   Unfunded   2015   2025   Delayed due to delay in Augustalee project     F-5131   Trail Road widening   2011   Unfunded   2015   Remove from plan   Shift funds to Old Monroe Road, U-4714     F-5131   Trail Road widening   F-485 to Indian Trail Road   Unfunded   2018   2025   Project accelerated to FY 2018     F-714   Trail Road widening   F-485 to Indian Trail Road   Unfunded   2018   Rot in plan   2025   Project accelerated to FY 2018     F-715   F-715   Rote medianing   F-85 to Brookshire Frwy   2013   2016   Rot in plan   2025   Project accelerated to FY 2018     F-715   F-715   Rote medianing   F-85 to Brookshire Frwy   2013   2016   Rot in plan   2025	U-5112	Potter Road improvements	2014	2014	Not in plan	2015	FHWA requires project to be in LRTP
F-5126   F-77 widening (Augustalee)   2013   Drop   2015   Drop   Project replaced by new TIP mgd lanes project (I-5405)     F-5127   F-77/Westmoreland Road interchange (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5128   Statesville Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5129   Westmoreland Road widening (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5130   Jim Cooke Road (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2013   Drop   2015   Drop   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2025   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   Northcross Drive Extension (Augustalee)   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   F-5131   Trail Road widening   2011   Unfunded   2015   2035   Delayed due to delay in Augustalee project     F-5131   Trail Road widening   2011   Unfunded   2015   2025   Delayed due to delay in Augustalee project     F-5131   Trail Road widening   2011   Unfunded   2015   Remove from plan   Shift funds to Old Monroe Road, U-4714     F-5131   Trail Road widening   F-485 to Indian Trail Road   Unfunded   2018   2025   Project accelerated to FY 2018     F-714   Trail Road widening   F-485 to Indian Trail Road   Unfunded   2018   Rot in plan   2025   Project accelerated to FY 2018     F-715   F-715   Rote medianing   F-85 to Brookshire Frwy   2013   2016   Rot in plan   2025   Project accelerated to FY 2018     F-715   F-715   Rote medianing   F-85 to Brookshire Frwy   2013   2016   Rot in plan   2025							
F5127   F77/Westmoreland Road interchange (Augustalee)   2013   Drop   2015   2025   Delayed due to delay in Augustalee project	R-2420A	City Boulevard Extension	Unfunded	2013	2015	2025	Project is regionally significant
U-5128 Statesville Road widening (Augustalee)  U-5129 Westmoreland Road widening (Augustalee)  2013 Drop  2015 2025 Delayed due to delay in Augustalee project  U-5129 Westmoreland Road widening (Augustalee)  2013 Drop  2015 2025 Delayed due to delay in Augustalee project  U-5130 Jim Cooke Road (Augustalee)  2013 Drop  2015 2025 Delayed due to delay in Augustalee project  U-5131 Northcross Drive Extension (Augustalee)  2013 Drop  2015 Drop  2016 Delayed due to delay in Augustalee project  U-5131 Northcross Drive Extension (Augustalee)  U-5131 Northcross Drive Extension (Augustalee)  2011 Unfunded  2015 2035 Delayed to Unfunded status  U-3809 Indian Trail Road widening  U-3825 Stallings Road widening  2011 Drop  2015 Remove from plan  Shift funds to Old Monroe Road, U-4714  U-4714B Old Monroe Road widening, I-485 to Indian Trail Road  Unfunded  2017 2025 (B section)  2025 (B section)  2025 (B section)  2026 (B section)  2027 Project accelerated to FY 2018  U-4913 Idlewild Road (Stallings)  Unfunded  2018 Not in plan  2025 Project accelerated to FY 2018  I-3311E I-77 SB Iane widening, I-85 to Brookshire Frwy  2013 2016 Not in plan  2025 Project omitted from original 2035 LRTP list  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church  N/A  2011 Not in plan  2015 New project	I-5126	I-77 widening (Augustalee)	2013	Drop	2015	Drop	Project replaced by new TIP mgd lanes project (I-5405)
U-5129 Westmoreland Road widening (Augustalee)  2013 Drop  2015 2025 Delayed due to delay in Augustalee project  U-5130 Jim Cooke Road (Augustalee)  2013 Drop  2015 2025 Delayed due to delay in Augustalee project  U-5131 Northcross Drive Extension (Augustalee)  2013 Drop  2015 Drop  2015 Delayed due to delay in Augustalee project  U-5131 Northcross Drive Extension (Augustalee)  2011 Unfunded  2015 2035 Delayed to Unfunded status  U-3809 Indian Trail Road widening  2011 Unfunded  2015 Remove from plan  Shift funds to Old Monroe Road, U-4714  U-3825 Stallings Road widening, I-485 to Indian Trail Road  Unfunded  2017 2025 (B section)  2025 (B section)  See U-3809 and U-3825  R-25558 W. Catawba Ave widening  Unfunded  2018 2035 2025 Project accelerated to FY 2018  U-4913 Idlewild Road (Stallings)  Unfunded  2018 Not in plan  2025 Project accelerated to FY 2018  I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy  2013 2016 Not in plan  2025 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church  N/A  2011 Not in plan  2015 New project	I-5127	I-77/Westmoreland Road interchange (Augustalee)	2013	Drop	2015	2025	Delayed due to delay in Augustalee project
U-5130 Jim Cooke Road (Augustalee)  U-5131 Northcross Drive Extension (Augustalee)  U-5131 Northcross Drive Extension (Augustalee)  U-2547 Charles St. widening  U-3809 Indian Trail Road widening  U-3809 Indian Trail Road widening  U-3825 Stallings Road widening  U-4714B Old Monroe Road widening, I-485 to Indian Trail Road  Unfunded  U-4714B Old Monroe Road widening  U-4714B Old Monroe Road widening  U-4714B Old Monroe Road widening  Unfunded  Unfunded  2017  2025 (B section)  See U-3809 and U-3825  R-2555B W. Catawba Ave widening  Unfunded  2018  2018  2019  Project accelerated to FY 2018  U-4913 Idlewild Road (Stallings)  Unfunded  2018  Not in plan  2025 Project accelerated for Y 2018  I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy  2013  Airport Entrance Road  Unfunded  2011  Not in plan  2015  New project	U-5128	Statesville Road widening (Augustalee)	2013	Drop	2015	2025	Delayed due to delay in Augustalee project
U-5131 Northcross Drive Extension (Augustalee) U-5247 Charles St. widening U-3809 Indian Trail Road widening U-3825 Stallings Road widening U-4714B Old Monroe Road widening, I-485 to Indian Trail Road U-4714B Old Monroe Road widening See U-3809 and U-3825 Project accelerated to FY 2018 U-4714B Old Monroe Road widening U-4714B Ol	U-5129	Westmoreland Road widening (Augustalee)	2013	Drop	2015	2025	Delayed due to delay in Augustalee project
U-5131 Northcross Drive Extension (Augustalee) U-5247 Charles St. widening U-3809 Indian Trail Road widening U-3825 Stallings Road widening U-4714B Old Monroe Road widening, I-485 to Indian Trail Road U-4714B Old Monroe Road widening See U-3809 and U-3825 Project accelerated to FY 2018 U-4714B Old Monroe Road widening U-4714B Ol							
U-2547 Charles St. widening U-3809 Indian Trail Road widening U-3825 Stallings Road widening U-4714B Old Monroe Road U-4714  U-4714B Old Monroe Road Widening Shift funds to Old Monroe Road, U-4714  U-4714B Old Monroe Road U-4714  U-4714B Old Monroe Road Widening Shift funds to Old Monroe Road, U-4714  U-4714B Old Monroe Road U-4714  U-4714B Old Monroe Ro	U-5130	Jim Cooke Road (Augustalee)	2013	Drop	2015	2025	Delayed due to delay in Augustalee project
U-3809 Indian Trail Road widening 2012 Drop 2015 Remove from plan Shift funds to Old Monroe Road, U-4714 U-3825 Stallings Road widening 2011 Drop 2015 Remove from plan Shift funds to Old Monroe Road, U-4714 Shift	U-5131	Northcross Drive Extension (Augustalee)	2013	Drop	2015	Drop	Delayed due to delay in Augustalee project
U-3825 Stallings Road widening  U-4714B Old Monroe Road widening, I-485 to Indian Trail Road  Unfunded  2017 2025 (B section)  See U-3809 and U-3825  R-2555B W. Catawba Ave widening  U-4913 Idlewild Road (Stallings)  Unfunded  2018 2035 2025 Project accelerated to FY 2018  U-4913 Idlewild Road (Stallings)  Unfunded  Unfunded  2018 Not in plan  2025 Project accelerated to FY 2018  I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy  2013 2016 Not in plan  2025 Project omitted from original 2035 LRTP list  U-203 Airport Entrance Road  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection  N/A  2011 Not in plan  2015 New project	U-2547	Charles St. widening	2011	Unfunded	2015	2035	Delayed to Unfunded status
U-4714B Old Monroe Road widening, I-485 to Indian Trail Road Unfunded 2017 2025 (B section) See U-3809 and U-3825  R-2555B W. Catawba Ave widening Unfunded 2018 2035 2025 Project accelerated to FY 2018  U-4913 Idlewild Road (Stallings) Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018  I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project omitted from original 2035 LRTP list  U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project	U-3809	Indian Trail Road widening	2012	Drop	2015	Remove from plan	Shift funds to Old Monroe Road, U-4714
R-2555B W. Catawba Ave widening Unfunded 2018 2035 2025 Project accelerated to FY 2018 U-4913 Idlewild Road (Stallings) Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project omitted from original 2035 LRTP list U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project	U-3825	Stallings Road widening	2011	Drop	2015	Remove from plan	Shift funds to Old Monroe Road, U-4714
R-2555B W. Catawba Ave widening Unfunded 2018 2035 2025 Project accelerated to FY 2018 U-4913 Idlewild Road (Stallings) Unfunded 2018 Not in plan 2025 Project accelerated to FY 2018 I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project omitted from original 2035 LRTP list U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project							
U-4913 Idlewild Road (Stallings) I-3311E I-77 SB Iane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project accelerated to FY 2018 Project accelerated to FY 2018 Project omitted from original 2035 LRTP list U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection Not in plan 2015 New project	U-4714B	Old Monroe Road widening, I-485 to Indian Trail Road	Unfunded	2017	2025 (B section)	2025 (B section)	See U-3809 and U-3825
U-4913 Idlewild Road (Stallings) I-3311E I-77 SB Iane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project accelerated to FY 2018 Project accelerated to FY 2018 Project omitted from original 2035 LRTP list U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection Not in plan 2015 New project							
I-3311E I-77 SB lane widening, I-85 to Brookshire Frwy 2013 2016 Not in plan 2025 Project omitted from original 2035 LRTP list U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project	R-2555B	W. Catawba Ave widening	Unfunded	2018	2035	2025	Project accelerated to FY 2018
U-203 Airport Entrance Road Unfunded 2012 Not in plan 2015 City has committed to build project  U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project	U-4913	Idlewild Road (Stallings)	Unfunded	2018	Not in plan	2025	Project accelerated to FY 2018
U-5325 Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church Road-relocate intersection N/A 2011 Not in plan 2015 New project	I-3311E	I-77 SB lane widening, I-85 to Brookshire Frwy	2013	2016	Not in plan	2025	Project omitted from original 2035 LRTP list
Road-relocate intersection	U-203	Airport Entrance Road	Unfunded	2012	Not in plan	2015	City has committed to build project
Road-relocate intersection							
	U-5325	Roundabout-NC 84 & Wedd-Matt Road; NC 16 & Wedd Church	N/A	2011	Not in plan	2015	New project
TE E103 Charlotte Ctroptor		Road-relocate intersection					
, , , , , , , , , , , , , , , , , , , ,	TE-5103	Charlotte Streetcar	N/A	2011	2035	2015	Project accelerated due to receipt of grant
R-4902   I-485, I-77 to Johnston Road 2015 2013 2025 2015   Project accelerated to 2013	R-4902	I-485, I-77 to Johnston Road	2015	2013	2025	2015	Project accelerated to 2013
U-5116 Little Rock Road relocation 2015 2015 Not in plan 2015 FHWA requires project to be in LRTP	U-5116	Little Rock Road relocation	2015	2015	Not in plan	2015	FHWA requires project to be in LRTP
U-2509 Independence Blvd, Idlewild Road to I-485 Unfunded 2018 (ROW only) 2025 & 2035 2025 & 2035	U-2509	Independence Blvd, Idlewild Road to I-485	Unfunded	2018 (ROW only)	2025 & 2035	2025 & 2035	

# Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program

### Section IV Resolutions

The MPO's action on the TIP resulted in three resolutions being adopted:

- TIP adoption
- LRTP amendments
- Conformity determination

# A RESOLUTION ADOPTING THE MECKLENBURG-UNION METROPOLITAN PLANNING ORGANIZATION FY 2012-2018 TRANSPORTATION IMPROVEMENT PROGRAM

A motion was made by Ashereff and seconded by MPO Member Dovid Howard for the adoption of the following resolution, and upon being put to a vote was duly adopted.

**WHEREAS**, the Safe, Accountable, Flexible, Efficient Transportation Equity Act, a Legacy for Users Act (SAFETEA-LU) requires all Metropolitan Planning Organizations to develop and maintain a Metropolitan Transportation Improvement Program; and

**WHEREAS**, the MUMPO 2012-2018 Transportation Improvement Program is a direct subset of the 2035 Long-Range Transportation Plan and is financially constrained (23 CFR Part 450.324); and

**WHEREAS**, the MUMPO 2012-2018 Transportation Improvement Program is in compliance with SAFETEA-LU; and

WHEREAS, the MUMPO 2012-2018 Transportation Improvement Program has been found to be in conformance with the State Implementation Plan for air quality; and

**WHEREAS**, the MUMPO 2012-2018 Transportation Improvement Program was reviewed by the general public in accordance with the MUMPO Public Involvement Plan.

**NOW THEREFORE**, be it resolved that the Mecklenburg-Union Metropolitan Planning Organization approves the FY 2012-2018 Transportation Improvement Program.

\*

I, Ted Biggers, MUMPO Chairman, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Mecklenburg-Union Metropolitan Planning Organization duly held on the 20th day of July 2011.

Ted Biggers, Chairman

Robert W. Cook, Secretary

### RESOLUTION ADOPTED BY THE MECKLENBURG-UNION METROPOLITAN PLANNING ORGANIZATION ADOPTING AMENDMENTS TO THE 2035 LONG RANGE TRANSPORTATION PLAN

A motion was made by <u>John Ashcraft</u> and seconded by <u>Dovid Flowerd</u> for adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the Mecklenburg-Union Metropolitan Planning Organization (MPO), and the North Carolina Department of Transportation are actively involved in transportation planning for the urban area; and

WHEREAS, the Mecklenburg-Union MPO has an existing 2035 Long Range Transportation Plan adopted in March 2010; and

WHEREAS, the Mecklenburg-Union MPO is the duly recognized transportation decision making body for the 3-C transportation planning process in the Mecklenburg-Union MPO as required by 23 CFR Part 134; and

WHEREAS, the Mecklenburg-Union MPO has prepared amendments to the 2035 Long Range Transportation Plan; and

**WHEREAS**, the amendments are a result of project schedule changes proposed in the 2012-2018 Transportation Improvement Program; and

WHEREAS, it is recognized that the proper movement of traffic within and through the Mecklenburg-Union MPO is a highly desirable element of the Long Range Transportation Plan for the orderly growth and development of the Urban Area; and

WHEREAS, the Long Range Transportation Plan has at least a 20 year horizon year and is fiscally restrained as required by 23 CFR Part 450.322; and

WHEREAS, the public has had the opportunity to review and comment on the Long Range Transportation Plan amendments in accord with the adopted Public Involvement Plan; and

**NOW THEREFORE**, be it resolved that the Mecklenburg-Union Metropolitan Planning Organization approves the amendments to the 2035 Long-Range Transportation Plan.

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I, Ted Biggers, MUMPO Chairman, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Mecklenburg-Union Metropolitan Planning Organization duly held on the 20th day of July 2011.

Ted Biggers, Chairman

Robert W. Cook Secretary

Resolution Finding the Mecklenburg-Union Metropolitan Planning Organization 2012-2018 Transportation Improvement Program and Amended 2035 Long Range Transportation Plan in Compliance with the Provisions of the Clean Air Act Amendments of 1990 and Safe, Accountable, Flexible, Efficient Transportation Equity Act, a Legacy for Users Act

A motion was made by <u>John Ashcroft</u> and seconded by <u>Dovid Howard</u> for adoption of the following resolution, and upon being put to a vote was duly adopted.

**WHEREAS**, the Mecklenburg-Union MPO is the duly recognized decision making body of the 3-C transportation planning process for the Mecklenburg-Union Urban Area; and

**WHEREAS**, the Mecklenburg-Union MPO Amended 2035 Long-Range Transportation Plan meets the planning requirements of 23 CFR Part 450.322; and

**WHEREAS**, the 2012-2018 Transportation Improvement Program is a direct subset of the Amended 2035 Long-Range Transportation plan; and

WHEREAS, the United States Environmental Protection Agency (USEPA) designated the Mecklenburg-Union MPO as nonattainment for ozone on June 15, 2004, and maintenance for CO on September 18, 1995; and

**WHEREAS**, the transportation conformity analysis of the Mecklenburg-Union MPO 2012-2018 Transportation Improvement Program is based on the most recent estimates of population, employment, travel, and congestion; and

WHEREAS, the 2012-2018 Transportation Improvement Program is financially constrained; and

WHEREAS, there are no transportation control measures in the North Carolina State Implementation Plan (SIP) that pertain to the Mecklenburg-Union MPO; and

WHEREAS, the most recent vehicle emissions model was used to prepare the quantitative emissions analysis; and

WHEREAS, those projects and programs included in the Mecklenburg-Union MPO 2012-2018 Transportation Improvement Program contribute to annual emissions reductions as shown by the quantitative emissions analysis; and

NOW, THEREFORE BE IT RESOLVED, that the Mecklenburg-Union Metropolitan Planning Organization finds that the 2012-2018 Transportation Improvement Program and amended 2035 Long Range Transportation Plan conform to the purpose of the North Carolina State Implementation Plan (or interim emissions tests, in areas where no State Implementation Plan is approved or found adequate by USEPA) in accordance with Clean Air Act as Amended (CAAA), and the Safe, Accountable, Flexible, Efficient Transportation Equity Act, a Legacy for Users Act (SAFETEA-LU).

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I, Ted Biggers, MUMPO Chairman, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Mecklenburg-Union Metropolitan Planning Organization duly held on the 20th day of July 2011.

Ted Biggers, Chairman

Robert W. Cook, Secretary