

**RESOLUTION ADOPTING THE
NC CAPITAL AREA TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2018-2027**

A motion was made by Mayor Vivian Jones and seconded by Commissioner Gordon Springle for adoption of the following resolution and upon being put to a vote was duly adopted.

WHEREAS, the NC Capital Area Metropolitan Planning Organization (CAMPO) Executive Board is the duly recognized transportation decision-making body for the 3-C transportation planning process (i.e., continuous, cooperative, and comprehensive) of the Capital Area; and

WHEREAS, the FY 2018-2027 Transportation Improvement Program (TIP) meet the planning requirements of 23 CFR Part 134; and

WHEREAS, the TIP is a staged multiple year listing of all funded transportation projects scheduled for implementation within the CAMPO planning area which have been selected from a priority list of projects; and

WHEREAS, the document provides the mechanism for official endorsement of the program of projects by the board; and

WHEREAS, projects listed in the TIP are also included in the State Transportation Improvement Program (STIP) and balanced against anticipated revenues as identified in the STIP; and


WHEREAS, the public has had the opportunity to review and comment on the FY 2018-2027 TIP.

WHEREAS, the programs and projects included in the Capital Area MPO TIP for FY 2018-2027 are financially constrained in accordance with State and Federal law; and

NOW, THEREFORE BE IT RESOLVED that the Capital Area Metropolitan Planning Organization Executive Board adopts the FY 2018-2027 Transportation Improvement Program for the NC Capital Area Metropolitan Planning Organization on this, the 25th day of October, 2017.



Dick Sears, Chair
Capital Area MPO Executive Board


Chris Lukasina, Executive Director
Capital Area MPO

County of Wake


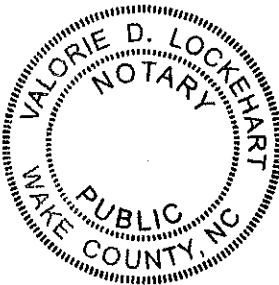
State of North Carolina

I, Valorie D. Lockhart, a Notary Public for said County and State, do hereby certify that on this, the 25th day of October, 2017, personally appeared before me, Dick Sears, known to me by his presence and acknowledged the due execution of the foregoing RESOLUTION ADOPTING TO THE CAPITAL AREA MPO FY 2018-2027 TRANSPORTATION IMPROVEMENT PROGRAM.

Witness my hand and official seal, this the 25th day of October, 2017.

(Official Seal)

My Commission Expires: February 17, 2021


Valorie D. Lockhart, Notary Public

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (MILES)	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
WAKE	NC 00	R-0000	I-40 TO NC 96 EAST OF HOMETOWN. WIDEN TO A FOUR-LANE FACILITY WITH A BYPASS OF HOMETOWN ON NEW LOCATION.	7.3	63,450	250	NHP R	4000	A									
		SW					NHP M	700										
							NHP U	1500										
							NHP				C	9000	A					
							NHP											
							NHP							R	5000	B		C
							NHP									5000	B	C
							NHP											5000
							NHP											
							NHP											
							NHP											
							SW A			I-40 TO NC 3								
							SW B			NC 3 TO SR 1003								
							SW C			SR 1003 TO NC 96								

ROUTE/CITY

I - Interstate

US or NC Routes

SR - Secondary Road

Various - Multiple Routes

NEW ROUTE or City

IDENTIFICATION NUMBER

Assigned to each project at conception and remains with project until completion.

FUNDING SOURCE (2)

See Highway Funding Key for an explanation of funding categories used for each project phase.

FUNDING CATEGORY (1)

Identifies the "STI" Funding Category for the project and any project breaks.

LOCATION / DESCRIPTION

Project termini and a general work description.

PROJECT BREAKS

One or two letter designation for project break.

WORK TYPE (ACTIVITY) (3)

Phases of implementation: Preliminary engineering, Right of Way, Mitigation, Utilities or Construction. For other work types or activities see Work Type (Activity) box belc

ESTIMATED COST

Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand ofdollars.)

UNFUNDED

(3) WORK TYPE (ACTIVITY)	
A	- Acquisition
C	- Construction
CG	- Construction (GARVEE)
F	- Feasibility Study
G	- Grading and Structures
I	- Implementation
L	- Landscaping
M	- Mitigation
O	- Operations
P	- Paving
PE	- Preliminary Engineering
R	- Right of Way
RG	- Right of Way (GARVEE)
S	- Structure
U	- Utilities

DIVISION 00

NON HIGHWAY PROGRAM

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																							
COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED													
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	FY 2026	FY 2027	FUTURE YEARS												
DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.			FUZCP	4000	A																						
							700	A																						
			LOCATION / DESCRIPTION Project termini and a general work description.			CP	9000	A																						
							FUNDING SOURCE (2) See Highway Funding Key for an explanation of funding categories used for each project phase.			DIV	A	BUS STOP SHELTER AND BENCHES LOCATED AT HOLLOWAY STREET																		
											B	BUS STOP SHELTER AND BENCHES LOCATED AT GREGSON AVENUE																		
											C	SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.																		
			FUNDING CATEGORY (1) Identifies the "STI" Funding Category for the project and any project breaks.			CP					5000	B																		
							ESTIMATED COST Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)			CP	10000	C																		
			UNFUNDED I			CP					20000	C																		

(1) FUNDING CATEGORY
DIV - Division
HF - State Dollars (Non-STI)
REG - Regional
SW - Statewide

(2) FUNDING SOURCES KEY
ADTAP - Appalachian Development Transportation Assistance Pgm.
CMAQ - Congestion Mitigation
DP - Discretionary or Demonstration
FBUS - Bus and Bus Facilities (5339)
FED - Federal Rail Funds
FEPD - Enhanced Mobility Adults and People with Disabilities (5310)
FF - Federal Ferry
FLAP - Federal Lands Access Program
FMOD - Fixed Guideway Modifications
FMPL - Metropolitan and Statewide Planning (5303/5304)
FNF - New Freedom Program (5317)
FNS - New Starts - Fixed Guideway CIG - Capital (5309)
FNU - Non Urbanized Area Formula Program (5311)
FSGR - State of Good Repair Formula (Rail) (5337)
FSPR - State Planning and Research
FUZ - Urbanized Area Formula Program (5307)
HP - Federal-Aid High Priority
JARC - Job Assistance and Reverse Commute (5316)
FBBF - Bus and Bus Facilities Formula (5339)
FSSO - Federal State Safety Oversight (Rail) (5329)
FEDT - Undesignated Federal Transit Funds
L - Local
O - Other
RR - Rail-Highway Safety
RTAP - Rural Transit Assistance Program
S - State
S (M) - State Match
SMAP - Operating Assistance and State Maintenance
SRTS - Safe Routes to School
STHSR - Stimulus High Speed Rail
STBG - Surface Transportation Block Grant Program
STBGDA - STBG Program - Direct Attributable
T - State Highway Trust Funds
TAP - Transportation Alternatives Program
TAPDA - Transportation Alternatives Program - Direct Attributable
TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)
A - Acquisition
AD - Administrative
C - Construction
CP - Capital
I - Impementation
O - Operations
Oc - OPS Funded Capital
PE - Preliminary Engineering
PL - Planning / Design
R - Right-of-Way

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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JOHNSTON	I-40	I-5111	I-440 / US 64 (EXIT 301) TO NC 42 (EXIT 312). ADDITIONAL LANES AND ITS DEPLOYMENT ON ALTERNATE ROUTES FOR TRAFFIC MANAGEMENT.	10.7	260594	3594	NHP	R	15000	RE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

DIV - Division Category	EX - Exempt Category
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SW - Statewide Category	TRN - Transition Project

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WAKE	I-40	I-5506 SW	SR 1002 (AVIATION PARKWAY) INTERCHANGE. IMPROVE INTERCHANGE AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 1002 TO SR 3015 (AIRPORT BOULEVARD).	0.4	24853	3453	NHP	C	10700	C	10700																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																														
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED									
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																			
INTERSTATE PROJECTS																																					
WAKE	I-440 / US 1	I-5970	US 401 (CAPITAL BOULEVARD) IN RALEIGH. INTERCHANGE IMPROVEMENTS.	4.0	131200		NHP										R	14400		R	14400																
							NHP										U	1700		U	1700																
		SW					NHP													C	24750		C	24750		C	24750		C	24750		C	24750				
WAKE	I-495 / US 64 / US 264	I-5944 SW	I-440 IN RALEIGH TO I-540 IN KNIGHTDALE. PAVEMENT REHABILITATION.	4.1	9374		NHPIM										C	4687		C	4687																
DURHAM WAKE	I-540	I-5982 SW	I-40 IN DURHAM TO I-495 / US 64 / US 264 IN KNIGHTDALE. CONSTRUCT MANAGED SHOUDERS.	25.4	109970		T BOND R																C	14773		C	27493		C	27492		C	27492		C	27492	
NORTH CAROLINA TURNPIKE AUTHORITY PROJECT - FUNDING SUBJECT TO LEGISLATIVE TOLL CAP CONSTRAINT																																					
WAKE	I-540	I-5945 SW	TRIANGLE TOWNE CENTER BOULEVARD IN RALEIGH TO I-495 / US 64 / US 264 IN KNIGHTDALE. PAVEMENT REHABILITATION.	9.0	13235		NHPIM										C	6618		C	6617																
DURHAM WAKE	I-540	I-5307	I-40 IN DURHAM COUNTY TO NC 50 IN WAKE COUNTY. PAVEMENT REHABILITATION AND SHOULDER SEALS.	9.4	11126	11126		TRN B	BRIDGE 910342 OVER I-40 IN DURHAM. REPLACE JOINTS. - UNDER CONSTRUCTION																												
PROJECT COMPLETE - LET WITH I-5310 - COST INCLUDED I-5310																																					
WAKE	I-540	I-5968 SW	US 70 TO SR 1829 (LEESVILLE ROAD) IN RALEIGH. CONSTRUCT EASTBOUND AUXILIARY LANE.	2.5	11650	250	NHP NHP NHP									R U	1000 100																				
IN PROGRESS																																					
WAKE	I-540	I-5310	NC 50 TO EAST OF US 1. PAVEMENT REHABILITATION.	7.4																																	
UNDER CONSTRUCTION - LET WITH I-5307 - COST REFLECTED IN I-5307																																					
WAKE	I-540	I-5710 SW	SR 1829 (LEESVILLE ROAD) TO SR 2000 (FALLS OF NEUSE ROAD) IN RALEIGH. INSTALL RAMP METERS AT VARIOUS INTERCHANGES.	7.0	2600	2600																															
UNDER CONSTRUCTION																																					
WAKE	I-40; SR 1728 (WADE AVENUE)	I-5112 TRN	EAST OF I-540 TO WADE AVENUE (EXIT 289) INCLUDING RAMPS, AND SR 1728 (WADE AVENUE) FROM I-40 TO SR 3009 (EDWARDS MILL ROAD). MILL AND RESURFACE ROADWAY, SHOULDERS AND RAMPS.	7.5	9310	7399	NHP STBG	CG CG	592 45	CG CG	592 45	CG CG	592 45																								
PROJECT COMPLETE - GARVEE BOND FUNDING \$5.8 MILLION; CONSTRUCTION - PAYBACK FY 2009-2020																																					

DIV - Division Category	EX - Exempt Category
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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION														TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																				
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED						
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																
RURAL PROJECTS																																		
FRANKLIN WAKE	US 401	R-2814	NORTH OF SR 2044 (LIGON MILL ROAD) TO NC 39 IN LOUISBURG. WIDEN TO FOUR-LANE MEDIAN DIVIDED FACILITY, SOME NEW LOCATION.	18.5	180877	105355	STBG	RG	1727	B	RG	1727	B	RG	1727	B																		
							STBG	CG	2361	B	CG	2361	B	CG	2361	B	CG	2361	B	CG	2361	B												
							STBG	CG	1030	C	CG	1030	C	CG	1030	C	CG	1030	C	CG	1030	C	CG	1030	C	CG	1030	C	CG	1030	C	CG	5150	C
							STBG	C	8500	C																								
							S(M)	C	4000	C																								
							STBG																R	1458	D	R	1458	D						
							STBG																U	635	D	U	635	D						
STBG																																		
								A	SR 2044 (LIGON MILL ROAD) TO NORTH OF SR 2225 (LOUISBURY ROAD) - COMPLETE																									
TRN								B	ROLESVILLE BYPASS, NORTH OF SR 2225 (LOUISBURY ROAD) TO NC 96 ON NEW LOCATION - UNDER CONSTRUCTION																									
DIV								C	NC 96 TO SR 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) - RIGHT OF WAY IN PROGRESS																									
DIV								D	SR 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) TO SR 1700 (FOX PARK ROAD) SOUTH OF LOUISBURG																									
								E	SR 1700 (FOX PARK ROAD) SOUTH OF LOUISBURG TO NC 39 IN LOUISBURG - COMPLETE																									
GARVEE BOND FUNDING: PART B \$15.8 MILLION FOR RIGHT OF WAY - PAYBACK FY 2009 - FY 2020 AND \$21.5 MILLION FOR CONSTRUCTION - PAYBACK FY 2011 - FY 2022; PART C \$12 MILLION FOR CONSTRUCTION - PAYBACK FY 2017 - FY 2031																																		
JOHNSTON	NC 42	R-3825	US 70 TO SR 1003 (BUFFALOE ROAD). WIDEN TO MULTI-LANES.	6.1	57379	14279	T					C	43100	B																				
								A	US 70 AT CLAYTON TO EAST OF SR 1902 (GLEN LAUREL ROAD). - COMPLETE																									
DIV								B	EAST OF SR 1902 (GLEN LAUREL ROAD) TO SR 1003 (BUFFALOE ROAD). - RIGHT OF WAY IN PROGRESS																									
PLANNING/DESIGN IN PROGRESS - "A" COMPLETE																																		
JOHNSTON	NC 42	R-3410	NC 50 TO US 70 BUSINESS. WIDEN TO MULTI-LANES.	8.6	66159	1000	T										R	9134	A															
							T												U	1096	A													
							T																C	4300	A									
							T												R	5562	B													
							T												U	667	B													
							T																	C	7875	B								
REG								A	US 70 BYPASS TO US 70 BUSINESS, WIDEN TO MULTI-LANES.																									
REG								B	NC 50 TO US 70 BYPASS, WIDEN TO MULTI-LANES.																									
PLANNING/DESIGN IN PROGRESS																																		
HARNETT WAKE	NC 55	R-5705	CHURCH STREET IN ANGIER TO NC 42 IN FUQUAY-VARINA. WIDEN TO MULTI-LANES.	6.5	79674	1000	T							R	3253	A																		
							T								U	390	A																	
							T																	C	2919	A								
							T							R	2685	B																		
							T							U	322	B																		
							T																	C	2233	B								
							T							R	3957	C																		
							T							U	475	C																		
							T																	C	7694	C								
							T																											
							T																											
DIV								A	CHURCH STREET TO ANGIER TOWN LIMIT.																									
REG								B	ANGIER TOWN LIMIT TO SOUTH OF SR 2791 (KENNEBEC CHURCH ROAD).																									
REG								C	SOUTH OF SR 2791 (KENNEBEC CHURCH ROAD) TO SR 4809 (JICARILLA LANE).																									
								D	SR 4809 (JICARILLA LANE) TO NC 42 IN FUQUAY-VARINA.																									
PLANNING / DESIGN IN PROGRESS																																		
GRANVILLE	NC 56	R-5707	US 15 AND NC 50 IN CREEDMOOR. REALIGN INTERSECTIONS.		4480	230	T		R	450																								
							T				C	3800																						
PLANNING / DESIGN IN PROGRESS																																		
WAKE	NC 540	R-2635*	TRIANGLE EXPRESSWAY (WESTERN WAKE FREEWAY / RALEIGH OUTER LOOP), NC 55 (SOUTH) TO NC 55 (NORTH). FREEWAY ON NEW LOCATION.	12.4	725575	725575	TRN	D	INTERCHANGE WITH SR 1153 (OLD HOLLY SPRINGS-APEX ROAD). CONSTRUCT INTERCHANGE AND CONVERT SHOULDER TO AUXILIARY LANE. - DESIGN-BUILD PROJECT - UNDER CONSTRUCTION																									

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS									
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027										
URBAN PROJECTS																											
WAKE	US 1	U-5981	NC 55 INTERCHANGE IN APEX. IMPROVE INTERCHANGE AND UPGRADE NC 55 NORTHBOUND FROM SR 1444 (LUFKIN ROAD) TO US 1.		22300	500	SW	T																			
								T																			
								T																			
PLANNING / DESIGN IN PROGRESS; COORDINATE WITH U-6066																											
WAKE	US 1	U-5307	I-540 IN RALEIGH TO SR 1909 (PURNELL ROAD) / SR 1931 (HARRIS ROAD) IN WAKE FOREST. UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY.	10.0	464012	1000		NHP								R	37600	A									
								NHP													U	4500	A				
								NHP														C	4130	A	C	19617	A
								NHP														R	25000	B			
								NHP														U	2700	B			
								NHP														C	4620	B	C	21945	B
								NHP														R	30000	C			
								NHP														U	3000	C			
								NHP														C	4755	C	C	22586	C
								NHP																			
								NHP																			
								NHP																			
PLANNING / DESIGN IN PROGRESS																											
WAKE	US 64	U-5301	WEST OF SR 1308 (LAURA DUNCAN ROAD) TO US 1 IN APEX AND CARY. CORRIDOR UPGRADE AND IMPROVEMENTS.	3.2	112800	1000	SW	NHP								R	11300										
								NHP													U	500					
								NHP																C	25000		
PLANNING / DESIGN IN PROGRESS																											
DURHAM	US 70	U-5720	LYNN ROAD IN DURHAM TO WEST OF ALEXANDER DRIVE IN RALEIGH. UPGRADE TO CONTROLLED-ACCESS FACILITY AND CONVERT AT-GRADE INTERSECTION WITH SR 1811 (SHERRON ROAD) / SR 1959 (SOUTH MIAMI BOULEVARD) TO INTERCHANGE.	5.0	288621	2000	WAKE	T									R	17250	A								
								T														U	650	A			
								T														C	2850	A			
T															R	8000	B										
T															U	661	B										
T															C	1265	B										
T																											
T																											
T																											
PLANNING / DESIGN IN PROGRESS																											
WAKE	US 70	U-2823	I-540 TO HILLBURN DRIVE IN RALEIGH. ADD LANES AND CONVERT TO SUPERSTREET.	4.1	105548		SW	NHP								R	31333		R	31332							
								NHP													U	883					
								NHP																			
PLANNING / DESIGN IN PROGRESS																											
WAKE	US 70 / NC 50	U-5744	SR 2026 (HAMMOND ROAD) / SR 2812 (TIMBER DRIVE) IN GARNER. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		18938	1700	REG	T								R	2190										
								T													C	7524		C	7524		
								PLANNING / DESIGN IN PROGRESS																			

DIV - Division Category

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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM						DEVELOPMENTAL PROGRAM						UNFUNDED FUTURE YEARS				
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027							
URBAN PROJECTS																								
WAKE	US 401	U-5748	SR 2044 (LIGON MILL ROAD) / SR 2224 (MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	0.5	64620	1300																		
		REG																						
PLANNING / DESIGN IN PROGRESS																								
WAKE	US 401	U-5751	NC 55 IN FUQUAY-VARINA. CONVERT INTERSECTION TO TRUMPET INTERCHANGE, TO INCLUDE CONVERSION OF NC 55 / NC 42 INTERSECTION TO INTERCHANGE.		54684	700	NHP				R	11565		R	11565									
							NHP				U	789												
							NHP													C	9250			
		REG																						
PLANNING / DESIGN IN PROGRESS																								
WAKE	US 401 / NC 42 / NC 55	U-5980	SR 2768 / SR 5056 (NORTH JUDD PARKWAY) TO NC 42 / NC 55. ACCESS MANAGEMENT IMPROVEMENTS.	1.2	9120	250	T																	
							T																	
							T																	
		REG																						
PLANNING / DESIGN IN PROGRESS																								
WAKE	US 401	U-5746	FUTURE NC 540 TO SR 1010 (TEN-TEN ROAD). ADD LANES.	1.1	21985	2000	T	R	10953															
							T		U	1314														
							T				C	7718												
		REG																						
PLANNING / DESIGN IN PROGRESS - COORDINATE WITH R-2721																								
WAKE	US 401	U-5302	SOUTH OF SR 2782 (LEGEND ROAD) TO PURSER DRIVE IN GARNER. CONVERT TO SUPERSTREET.	1.6	3245	295	T				R	850												
							T						C	2100										
		REG																						
PLANNING / DESIGN IN PROGRESS																								
JOHNSTON	NC 42	U-5998	SR 1003 (BUFFALO ROAD) TO WILSON COUNTY LINE. MODERNIZE ROADWAY.	11.4	8820		T																	
							T																	
							T																	
		DIV																						
FEASIBILITY STUDY IN PROGRESS																								
WAKE	NC 50 (CREEDMOOR ROAD)	U-5891	I-540 TO NORTH OF NC 98. WIDEN TO MULTILANE DIVIDED ROADWAY.	5.5	82016		T																	
							T																	
							T													R	10000			
		REG												U	758									
FEASIBILITY STUDY IN PROGRESS																								
WAKE	NC 54	U-5750	NC 540 TO PERIMETER PARK DRIVE IN MORRISVILLE. ADD LANES.	1.3	25336	1100	T				R	9000												
							T				U	236												
							T										C	7500		C	7500			
		REG																						
PLANNING / DESIGN IN PROGRESS - COORDINATE WITH U-5747																								
WAKE	NC 54 (HILLSBOROUGH STREET)	U-4437	SR 1664 / SR 3074 (BLUE RIDGE ROAD) IN VICINITY OF NC RAILROAD (CSX CORPORATION AND NORFOLK SOUTHERN) IN RALEIGH. CONSTRUCT GRADE SEPARATIONS AND ACCESS ROAD BETWEEN NC 54 AND SR 1664 / SR 3074.	3.0	28634	2434	T	R	5700															
							T		U	1500														
							T		C	19000														
		DIV																						
PLANNING / DESIGN IN PROGRESS; DESIGN-BUILD PROJECT; COORDINATE WITH U-2719																								
WAKE	NC 55 BYPASS	U-5749	NC 55 (EAST WILLIAMS STREET) IN HOLLY SPRINGS. INTERSECTION IMPROVEMENTS.		1230	1230																		
		REG																						
UNDER CONSTRUCTION																								

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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WAKE	SR 1370 (TRYON ROAD)	U-4432	WEST OF BRIDGE 910259 OVER NORFOLK SOUTHERN RAILWAY TO US 70 / US 401 / NC 50 (WILMINGTON STREET) IN RALEIGH. ROADWAY IMPROVEMENTS, INCLUDING REPLACEMENT OF BRIDGE 910259 OVER NORFOLK SOUTHERN RAILWAY.		16843	16843																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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WAKE	SR 1521 (LAKE PINE DRIVE)	U-5537	WIDEN TO 3 LANES - NORTH OF MACGREGOR PINES ROAD TO NORTH OF VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST SIDE; 5 FT SIDEWALK WEST SIDE.	0.3	402	402																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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WAKE	SR 1728 (WADE AVENUE)	U-5936	I-40 TO I-440 IN RALEIGH. ADD LANES.	3.1	39565	500	T							R	1120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
		TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM												DEVELOPMENTAL PROGRAM										UNFUNDED	
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS											
URBAN PROJECTS																											
WAKE	VARIOUS	U-6022	TOWN OF FUQUAY-VARINA. CONSTRUCT TOWNWIDE ITS / SIGNAL SYSTEM.	2144	STBG		U	78																			
					S(M)		U	62																			
					L		U	16																			
					STBG			C	994																		
					S(M)			C	795																		
					L			C	199																		
		REG																									
FINAL COST SHARE TO BE DETERMINED ON BASIS OF FUNCTIONAL CLASSIFICATION AND SYSTEM OWNERSHIP																											
WAKE	VARIOUS	U-6026	TOWN OF KNIGHTDALE. CONSTRUCT TOWNWIDE ITS / SIGNAL SYSTEM.	944	STBG		U	39																			
					S(M)		U	30																			
					L		U	7																			
					STBG			C	434																		
					S(M)			C	347																		
					L			C	87																		
		DIV																									
FINAL COST SHARE TO BE DETERMINED ON BASIS OF FUNCTIONAL CLASSIFICATION AND SYSTEM OWNERSHIP																											
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-4735	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) STPDA FUNDS - RESERVED FOR FUTURE PROGRAMMING.	42910	STBGDA																						
		DIV																									
\$400K OF FY 18 FUNDING ALLOCATED TO TG-5234																											
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-5118	OPERATIONAL IMPROVEMENTS FOR SAFETY AND CONGESTION MITIGATION.	51451	8951	STBGDA	PE	100	PE	100	PE	100	PE	100	PE	100											
						L	PE	25	PE	25	PE	25	PE	25	PE	25											
						STBGDA	R	300	R	300	R	300	R	300	R	300											
						L	R	75	R	75	R	75	R	75	R	75											
						STBGDA	C	3000	C	3000	C	3000	C	3000	C	3000											
						L	C	750	C	750	C	750	C	750	C	750											
		DIV																									
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY OTHERS - IN PROGRESS.																											
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-4850	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) PLANNING (PL) SUPPLEMENT.	8589	7089	STBGDA	PE	1200																			
						L	PE	300																			
		DIV																									
FORMERLY U-9999B - IN PROGRESS																											
WAKE	VARIOUS	U-6023	TOWN OF WAKE FOREST. CONSTRUCT TOWNWIDE ITS / SIGNAL SYSTEM.	2122	STBG		U	46																			
					S(M)		U	37																			
					L		U	9																			
					STBG			C	1015																		
					S(M)			C	812																		
					L			C	203																		
		DIV																									
FINAL COST SHARE TO BE DETERMINED ON BASIS OF FUNCTIONAL CLASSIFICATION AND SYSTEM OWNERSHIP																											
WAKE	SR 1115 (AVENT FERRY ROAD)	U-5889	SR 1116 (CASS HOLT ROAD) TO NC 55 BYPASS IN HOLLY SPRINGS. WIDEN TO MULTILANES, WITH INTERSECTION IMPROVEMENTS AT SR 1116 (CASS HOLT ROAD), SR 1101 (PINEY GROVE-WILBON ROAD) AND NC 55 BYPASS.	7546	T		R	1139																			
					T		U	137																			
		DIV			T				C	6270																	
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF HOLLY SPRINGS																											

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

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED	
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS	
URBAN PROJECTS																			
WAKE	SR 1115 (AVENT FERRY ROAD)	U-5529 DIV	WEST OF SR 1101 (PINEY GROVE - WILBON ROAD) TO VILLAGE WALK DRIVE IN HOLLY SPRINGS. OPERATIONAL IMPROVEMENTS.	0.3	380	380													
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF HOLLY SPRINGS - RIGHT OF WAY IN PROGRESS																			
WAKE	SR 1002 (AVIATION PARKWAY)	U-5811 DIV	NC 54 TO I-40 IN MORRISVILLE. WIDEN TO MULTILANES WITH INTERCHANGE MODIFICATIONS AT I-40.	2.4	28787	500	T					R	1279		R	1279			
							T					U	154		U	153			
							T												
														C	8474		C	8474	
PLANNING / DESIGN IN PROGRESS - COORDINATE WITH I-5506																			
WAKE	SR 2000 (FALLS OF NEUSE ROAD)	U-5826 DIV	I-540 TO SR 2006 (DURANT ROAD). ADD LANES.	0.9	11798	1000	T	R	2782										
							T	U	334										
							T				C	7682							
PLANNING / DESIGN IN PROGRESS																			
WAKE	SR 1605 / SR 1615 (GREEN LEVEL WEST ROAD)	U-5500 DIV	SR 1600 (GREEN LEVEL CHURCH ROAD) TO NC 55 IN CARY. WIDEN FROM TWO TO FOUR LANES.	1.9	12923	5800	L												
							L												
A SR 1600 (GREEN LEVEL CHURCH ROAD) TO NC 540 IN CARY. WIDEN TO 4-LANE DIVIDED FACILITY WITH 4 - FOOT PAVED SHOULDERS. - PLANNING / DESIGN IN PROGRESS																			
DIV B NC 540 TO NC 55 IN CARY. WIDEN TO 4-LANE DIVIDED FACILITY WITH WIDE OUTSIDE LANES AND SIDEWALKS. - UNDER CONSTRUCTION																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARY																			
WAKE	SR 1632 (LOUIS STEPHENS DRIVE)	U-5827 DIV	POPLAR PIKE LANE IN MORRISVILLE TO SR 2123 (LITTLE DRIVE) IN RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY ON NEW LOCATION.	0.5	3036	280	T	R	160										
							T	U	19										
							T				C	2577							
PLANNING / DESIGN IN PROGRESS																			
WAKE	NC 54; SR 1635 (MCCRIMMON PARKWAY)	U-5747	SR 1635 (MCCRIMMON PARKWAY) FROM SR 1613 (DAVIS DRIVE) TO NORTH OF SR 1637 (CHURCH STREET); NC 54 AT SR 1635 (MCCRIMMON PARKWAY) IN MORRISVILLE. WIDEN SR 1635 AND CONVERT NC 54 AT-GRADE INTERSECTION TO GRADE SEPARATION, INCLUDING GRADE SEPARATION OF NORTH CAROLINA RAILROAD.	2.0	35502	1800	T				R	2000	A						
							T				U	500	A						
							T							C	3500	A	C	3500	
							T				R	7800	B						
							T				U	500	B						
							T							C	4134	B	C	4134	
DIV A SR 1613 (DAVIS DRIVE) TO NORTH OF SR 1637 (CHURCH STREET) IN MORRISVILLE. WIDEN TO 4-LANE DIVIDED FACILITY.																			
REG B SR 1635 (MCCRIMMON PARKWAY) IN MORRISVILLE. CONVERT AT-GRADE INTERSECTION TO GRADE SEPARATION, INCLUDING GRADE SEPARATION OF NORTH CAROLINA RAILROAD.																			
PLANNING / DESIGN IN PROGRESS - COORDINATE WITH U-5750																			
WAKE	SR 1010 (TEN-TEN ROAD)	U-5825	APEX PEAKWAY IN APEX TO KILDARE FARM ROAD IN CARY. WIDEN TO MULTILANES.	3.3	51159		T						R	3000	A	R	3000	A	
							T						U	400	A	U	400	A	
							T												
							T						R	1469	B	R	1468	B	
							T						U	176	B	U	176	B	
							T												
														C	3990	B	C	3990	
DIV A APEX PEAKWAY TO US 1 IN APEX.																			
DIV B US1 TO KILDAIRE FARM ROAD IN CARY.																			
WAKE	US 64 BUSINESS (WENDELL BOULEVARD)	U-5323 REG	SR 1003 (ROLESVILLE ROAD-EAGLE ROCK ROAD) IN WENDELL. CONNECTIVITY AND ACCESS IMPROVEMENTS AND SAFETY ENHANCEMENTS.		180	180													
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY BY TOWN OF WENDELL - IN PROGRESS																			

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TRN - Transition Project

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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WAKE	NC 55 (WILLIAMS STREET)	U-2901	US 1 TO NORTH OF SR 1160 (OLIVE CHAPEL ROAD) IN APEX. WIDEN TO A MULTILANE CURB AND GUTTER FACILITY.	2.8	8906	2451	T				R	770	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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SW - Statewide Category

EX - Exempt Category
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WAKE	SR 1650 (REEDY CREEK ROAD)	U-5501	NC 54 (NE MAYNARD ROAD) TO SR 1652 (HARRISON AVENUE) IN CARY. WIDEN FROM 2 TO 3 LANES, TO INCLUDE ROUNDABOUTS, AS WELL AS PEDESTRIAN AND BICYCLE ENHANCEMENTS.	1.2	13390	450	STBGDA	R	540	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS										
BRIDGE PROJECTS																												
WAKE	SR 1321 (AVENT FERRY ROAD)	B-5130 DIV	REPLACE BRIDGE 910318 OVER LAKE JOHNSON IN RALEIGH.		4939	489	STPON	C	4450																			
RIGHT OF WAY IN PROGRESS																												
JOHNSTON	SR 1555 (BARBOUR MILL ROAD)	B-5664 HF	REPLACE BRIDGE 500145 OVER SWIFT CREEK.		4675	4675																						
UNDER CONSTRUCTION																												
JOHNSTON	SR 1738 (EATMON ROAD)	B-5659 DIV	REPLACE BRIDGE 500432 OVER CATTAIL CREEK.		1031	1031																						
UNDER CONSTRUCTION - DIVISION PURCHASE ORDER CONTRACT																												
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	BD-5105 DIV	DIVISION 5 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		15428	15428																						
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																												
WAKE	US 70 / NC 50 (GLENWOOD AVENUE)	B-5940 SW	REHABILITATE BRIDGE 910084 AND BRIDGE 910091 OVER CRABTREE CREEK IN RALEIGH.		1426	1426																						
UNDER CONSTRUCTION																												
HARNETT	SR 1544 (GUY ROAD)	B-5339 DIV	REPLACE BRIDGE 420233 OVER BLACK RIVER TRIBUTARY.		900	50	STPOFF											R	80									
							STPOFF												C	770								
HARNETT	SR 1234 (LEAFLET CHURCH ROAD)	B-5414 DIV	REPLACE BRIDGE 420195 OVER BRANCH OF UPPER LITTLE RIVER.		625	50	STPOFF											R	50									
							STPOFF												C	525								
WAKE	SR 2044 (LIGON MILL ROAD)	B-5318 DIV	REPLACE BRIDGE 910126 OVER SMITHS CREEK IN WAKE FOREST.		4704	100	STPOFF	R	180																			
							STPOFF	U	1124																			
							STPOFF				C	1650		C	1650													
PLANNING / DESIGN IN PROGRESS																												
JOHNSTON	SR 2123 (OLD DAM ROAD)	B-5661 HF	REPLACE BRIDGE 500243 OVER LITTLE RIVER.		1085	1085																						
UNDER CONSTRUCTION - DIVISION PURCHASE ORDER CONTRACT																												
WAKE	SR 2555 (RAYNOR ROAD)	B-5326 DIV	REPLACE BRIDGE 910247 OVER WHITE OAK CREEK IN GARNER.		745	170	STPOFF	R	50																			
							STPOFF				C	525																
PLANNING / DESIGN IN PROGRESS																												

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JOHNSTON	SR 1550 (WINSTON ROAD)	B-5654	REPLACE BRIDGE 500141 OVER WHITE OAK CREEK.		895	895																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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WAKE	US 401 (CAPITAL BOULEVARD)	B-5684	REPLACE BRIDGE 910146 OVER CRABTREE CREEK IN RALEIGH.		9137	100		NHPB												R	430																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

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DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	W-5705	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 5.		1780	1080		HSIP	R	30	DIV																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

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								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027								
AVIATION PROJECTS																									
FRANKLIN	TRIANGLE NORTH EXECUTIVE AIRPORT (LHZ)	AV-5819	CONSTRUCT RUNWAY EXTENSION, TO INCLUDE RELOCATION OF UTILITIES, NAVAID AND ROADWAYS.		12201			T						R	478										
								L						R	53										
								T								C	3501		C	3501					
								L								C	390		C	389					
		DIV																							
BICYCLE AND PEDESTRIAN PROJECTS																									
GRANVILLE	US 15	EB-5513	HILLSBOROUGH STREET TO NC 56 IN CREEDMOOR. CONSTRUCT SIDEWALK / PATH.	0.7	140	140																			
		TRN																							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF CREEDMOOR - IN PROGRESS - TO BE LET WITH C-5166A AND C-5166B																									
WAKE	NC 55 (EAST WILLIAMS STREET)	EB-5895	SR 1301 (SUNSET LAKE ROAD) TO NC 55 IN HOLLY SPRINGS. CONSTRUCT SIDEWALK.	0.9	500			TAP					C	400											
								L					C	100											
		DIV																							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF HOLLY SPRINGS																									
WAKE	SR 1012 (WESTERN BOULEVARD)	EB-5718	CONSTRUCT BICYCLE / PEDESTRIAN TUNNEL IMMEDIATELY WEST OF SR 1321 (AVENT FERRY ROAD) IN RALEIGH.		5000	1000		TAP									C	1600							
								L									C	400							
		DIV															C	1600							
																	C	400							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF RALEIGH - COORDINATE WITH B-5675																									
WAKE	SR 1635 (MCCRIMMON PARKWAY)	EB-5892	SR 1613 (DAVIS DRIVE) TO TOWN HALL DRIVE IN MORRISVILLE. FILL IN SIDEWALK GAPS AND INSTALL PEDESTRIAN SIGNALS AND CROSSWALK.	0.1	350			TAP						PE	42										
								L						PE	10										
								TAP										C	238						
								L										C	60						
		DIV																							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF MORRISVILLE																									
WAKE	SR 1637 (CHURCH STREET)	EB-5838	SR 3014 (MORRISVILLE-CARPENTER ROAD) TO DURHAM COUNTY LINE IN MORRISVILLE. CONSTRUCT SIDEWALKS TO FILL IN GAPS.	3.0	2000			TAP					PE	240											
								L					PE	60											
								TAP										C	1360						
								L									C	340							
		DIV																							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF MORRISVILLE																									
WAKE	SR 3014 (MORRISVILLE- CARPENTER ROAD)	EB-5839	TOWN HALL DRIVE TO MISTY GROVES CIRCLE IN MORRISVILLE. CONSTRUCT SIDEWALK ON SOUTH SIDE.	0.2	500			TAP					PE	60											
								L					PE	15											
								TAP										C	340						
								L									C	85							
		DIV																							
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF MORRISVILLE																									
WAKE	SR 4363 (MARTIN LUTHER KING, JR. BOULEVARD)	EB-5709	SOUTH SAUNDERS STREET TO SR 1007 (POOLE ROAD) IN RALEIGH. CONSTRUCT DEDICATED BICYCLE LANES.	2.8																					
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PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF RALEIGH - IN PROGRESS																									

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TRN - Transition Project

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED					
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS					
BICYCLE AND PEDESTRIAN PROJECTS																							
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	EL-5100	PEDESTRIAN, BICYCLE, AND TRANSIT PROJECTS IN THE CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO).		20261	20261																	
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY OTHERS - IN PROGRESS.																							
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-5530	CAPITAL AREA MPO: BICYCLE, PEDESTRIAN, TRANSIT, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS.		46955	6505	TAPDA	PE	60		PE	60		PE	60		PE	60					
							L	PE	15		PE	15		PE	15		PE	15					
							STBGDA	PE	100		PE	100		PE	100		PE	100					
							L	PE	25		PE	25		PE	25		PE	25					
							TAPDA	R	120		R	120		R	120		R	120					
							L	R	30		R	30		R	30		R	30					
							STBGDA	R	200		R	200		R	200		R	200					
							L	R	50		R	50		R	50		R	50					
							TAPDA	C	800		C	800		C	800		C	800					
							L	C	200		C	200		C	200		C	200					
							STBGDA	C	2000		C	2000		C	2000		C	2000					
							L	C	500		C	500		C	500		C	500					
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY LOCAL GOVERNMENT AGENCIES - TAPDA FUNDING INCLUDES UNPROGRAMMED BALANCE; PROGRAMMING SUBJECT TO MPO APPROVAL																							
WAKE	SR 3015 (AIRPORT BOULEVARD)	EB-5814	MCCRIMMON PARKWAY TO FACTORY SHOPPES ROAD IN MORRISVILLE. CONSTRUCT SIDEWALK.		325		TAP	PE	52														
							L	PE	13														
							TAP					C	208										
							L					C	52										
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF MORRISVILLE																							
WAKE	BLACK CREEK GREENWAY	EB-5894	PHASES I, II AND V, WEST DYNASTY DRIVE TO OLD REEDY CREEK ROAD IN CARY. CONSTRUCT GREENWAY.	2.7	5000		TAP	PE	140														
							L	PE	35														
							TAP				R	296											
							L				R	74											
							TAP					C	3564										
							L					C	891										
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARY																							
WAKE	SWIFT CREEK GREENWAY	EB-5893	SR 1521 (LAKE PINE DRIVE) TO KOKA BOOTH AMPITHEATER IN CARY. CONSTRUCT GREENWAY.	2.3	15300		TAP							PE	240								
							L							PE	60								
							TAP																
							L																
							TAP																
							L																
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARY																							
WAKE	WAKE FOREST BYPASS GREENWAY	EB-5896	NC 98 (DURHAM ROAD) TO SR 5144 (HERITAGE LAKE ROAD) IN WAKE FOREST. CONSTRUCT GREENWAY.	6.5	3960		TAP																
							L																
				DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF WAKE FOREST																							

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																									
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS		
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027								
PUBLIC TRANSPORTATION PROJECTS																									
WAKE	CAPITAL AREA TRANSIT	TA-5140	BUS REPLACEMENT		12910	8330	FUZ	CP	1750		CP	1750													
							L	CP	270		CP	270													
							S	CP	270		CP	270													
							HF																		
WAKE	CAPITAL AREA TRANSIT	TA-4903	REPLACEMENT BUS		5678	4552	FBUS	CP	900																
							L	CP	113																
							S	CP	113																
							HF																		
WAKE	CAPITAL AREA TRANSIT	TA-5202	ADA EXPANSION BUS		3800	1232	FBUS	CP	240		CP	240	CP	240											
							FUZ	CP	240		CP	240	CP	240											
							L	CP	376		CP	376	CP	376											
							HF																		
WAKE	CAPITAL AREA TRANSIT	TA-4903A	PURCHASE REPLACEMENT HYBRID BUSES		9200	6900	CMAQ	CP	1750																
							FUZ	CP	90																
							L	CP	231																
							S	CP	229																
HF																									
WAKE	CAPITAL AREA TRANSIT	TD-5289	C&G FUELING STATION CONSTRUCTION - STPDA		5000		L	C	1500																
							STPDA	C	3500																
							HF																		
WAKE	CAPITAL AREA TRANSIT	TD-5116	FACILITY - PARK & RIDE - POOLE ROAD		6996	4380	FUZ	C	1392				C	700											
							L	C	174				C	88											
							S	C	174				C	88											
							HF																		
WAKE	CAPITAL AREA TRANSIT	TD-5274	FACILITY - PARA-TRANSIT - RENOVATION, GORALEIGH/WAKE COORDINATED		4426	4426	FBUS																		
							L																		
							STPDA																		
							HF																		
WAKE	CAPITAL AREA TRANSIT	TD-5269	FACILITY - TRANSIT CENTER. UNION STATION BUS COMPONENT		7519	4519	FUZ	C	1200		C	1200													
							L	C	300		C	300													
							STPDA																		
							HF																		
WAKE	CAPITAL AREA TRANSIT	TD-4943	FACILITY - TRANSIT CENTER - MOORE SQUARE STATION EXPANSION.		8203	8203	FBUS																		
							FUZ																		
							L																		
							STPDA																		
HF																									
WAKE	CAPITAL AREA TRANSIT	TG-4792	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC		62170	34670	FUZ	CP	4000		CP	4000	CP	4000	CP	4000	CP	4000							
							L	CP	500		CP	500	CP	500	CP	500	CP	500							
							S	CP	500																
							STPDA																		
HF																									

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED FUTURE YEARS				
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027															
PUBLIC TRANSPORTATION PROJECTS																																
WAKE	CAPITAL AREA TRANSIT	TG-4792B	ADA PARATRANSIT SERVICE		7751	4376	FUZ	O	900	O	900	O	900																			
							L	O	225	O	225	O	225																			
		HF																														
WAKE	CAPITAL AREA TRANSIT	TO-5128	OPERATING ASSISTANCE		40308	22308	SMAP	O	3000	O	3000	O	3000	O	3000	O	3000	O	3000													
		HF																														
WAKE	CAPITAL AREA TRANSIT	TP-5100A	PLANNING ASSISTANCE - 5303		5575	2767	FMPL	PL	375	PL	375	PL	375	PL	375	PL	375	PL	375	PL	375											
							L	PL	47	PL	47	PL	47	PL	47	PL	47	PL	47													
							S	PL	46	PL	46	PL	46	PL	46	PL	46	PL	46													
		HF																														
WAKE	CAPITAL AREA TRANSIT	TP-5100B	PLANNING ASSISTANCE - 5307		7106	4106	FUZ	PL	400	PL	400	PL	400	PL	400	PL	400	PL	400	PL	400											
							L	PL	50	PL	50	PL	50	PL	50	PL	50	PL	50													
							S	PL	50	PL	50	PL	50	PL	50	PL	50	PL	50													
		HF																														
WAKE	CAPITAL AREA TRANSIT	TQ-6953	5310 OPERATING		2372	1172	FEPD	O	300	O	300																					
							L	O	300	O	300																					
		HF																														
WAKE	CAPITAL AREA TRANSIT	TQ-7006	5310 ADMINISTRATION		230	100	FEPD	AD	65	AD	65																					
		HF																														
WAKE	CAPITAL AREA TRANSIT	TQ-9037	5310 CAPITAL		1832	894	FEPD	CP	375	CP	375																					
							L	CP	94	CP	94																					
		HF																														
WAKE	CAPITAL AREA TRANSIT	TS-5131	SAFETY & SECURITY - SURVEILLANCE CAMERAS		1106	1106	FUZ																									
							L																									
							STPDA																									
							UTCH																									
		HF																														
WAKE	CAPITAL AREA TRANSIT	TS-5104	SAFETY & SECURITY - MIN. 1% SET ASIDE		1208	572	FUZ	CP	85	CP	85	CP	85	CP	85	CP	85	CP	85	CP	85											
							L	CP	21	CP	21	CP	21	CP	21	CP	21	CP	21													
		HF																														
WAKE	CAPITAL AREA TRANSIT	TT-5209	COMPUTER AIDED DISPATCH AND BUS TRACKING SYSTEM		1336		L	CP	267																							
							STPDA	CP	1069																							
		HF																														
WAKE	CAPITAL AREA TRANSIT	TT-6108	TRANSIT SIGNAL PRIORITY PROJECT		1250		CMAQ	CP	1000																							
							L	CP	250																							
		HF																														
WAKE	CARY TRANSIT/C-TRA	TD-5264A	FACILITY-OPERATIONS AND MAINTENANCE		1255	1255	L																									
							STPDA																									
		HF																														

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED									
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS														
PUBLIC TRANSPORTATION PROJECTS																																
WAKE	CARY TRANSIT/C-TRA	tg-5234	BUS STOP IMPROVEMENTS		500			L	CP	100																						
								STPDA	CP	400																						
								HF																								
WAKE	CARY TRANSIT/C-TRA	TG-4806	PREVENTIVE MAINTENANCE, BUS FACILITIES, SUPPORT EQUIPMENT, AND SOFTWARE		3395	1570		FBUS	CP	180		CP	185		CP	190																
								FUZ	CP	300		CP	300		CP	300																
								L	CP	120		CP	125		CP	125																
HF																																
WAKE	CARY TRANSIT/C-TRA	TG-4935A	ROUTINE CAPITAL - COST OF CONTRACTING		78490	33290		FBUS	O	180		O	185		O	190																
								FUZ	O	1900		O	1950		O	2000		O	2000		O	2200										
								L	O	3310		O	3400		O	3485		O	3520		O	3520										
HF											O	2200		O	2200		O	2300														
HF											O	3520		O	3520		O	3620														
WAKE	CARY TRANSIT/C-TRA	TO-5129	OPERATING ASSISTANCE		3726	1676		FUZ	O	50		O	50		O	50																
								L	O	50		O	50		O	50																
								SMAP	O	200		O	200		O	210		O	220		O	220										
HF											O	230		O	230		O	240														
WAKE	CARY TRANSIT/C-TRA	TP-5112	PLANNING ASSISTANCE		2989	661		FNU																								
								FUZ	PL	200		PL	210		PL	230		PL	240		PL	250										
								L	PL	40		PL	42		PL	46		PL	48		PL	50										
								S																								
HF											PL	260		PL	270		PL	280														
HF											PL	52		PL	54		PL	56														
WAKE	CARY TRANSIT/C-TRA	TS-5105	SAFETY & SECURITY - MIN. 1% SET ASIDE		381	180		FUZ	CP	19		CP	20		CP	20		CP	20													
								L	CP	4		CP	4		CP	4		CP	4													
								STPDA																								
HF											CP	22		CP	22		CP	23														
HF											CP	4		CP	4		CP	5														
WAKE	CARY TRANSIT / C-TRAN	TD-5264B	CONSTRUCT BUS MAINTENANCE FACILITY AT TOWERVIEW COURT IN CARY.		88	88																										
								DIV																								
PLANNING / DESIGN IN PROGRESS BY CARY TRANSIT																																
WAKE	GO RALEIGH	TA-5186	SIX EXPANSION BUSES FOR ADDING ROUTE EXPANSION SERVICE.		2610			FUZ				A	2088																			
								T				A	261																			
								L				A	261																			
DIV																																
WAKE	GO RALEIGH TRANSIT	TD-5272	SOUTH WILMINGTON STREET AT PECAN ROAD IN RALEIGH. CONSTRUCT OFF- STREET TRANSFER FACILITY.																													
								DIV																								
IN PROGRESS																																
WAKE	GO TRIANGLE TRANSIT	TD-5285	EXPAND EXISTING GARAGE FACILITY IN MORRISVILLE.		15300			FUZ				C	11900																			
								T				C	1700																			
								L				C	1700																			
REG																																

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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WAKE	GO TRIANGLE	TD-5293	INTERSECTION OF SR 2298 (EDENTON STREET) AND NORTH SALISBURY STREET IN RALEIGH. CONSTRUCT BUS STOP SHELTER.		44		FEDT	C	36																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

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								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027																			
PUBLIC TRANSPORTATION PROJECTS																																				
WAKE	GOTRIANGLE TRANSIT	TD-5287	PARK AND RIDE LOT AT SR 1774 (DISTRICT DRIVE). ADD SPACES, IMPROVE LIGHTING AND CONSTRUCT SHELTERS.		720			FUZ				C	576																							
								T				C	72																							
								L				C	72																							
		REG																																		
WAKE	GO RALEIGH TRANSIT	TD-4912	US 64 BUSINESS (NEW HOPE ROAD) IN RALEIGH. CONSTRUCT TRANSFER FACILITY.		880	880																														
		DIV																																		
							IN PROGRESS																													
DURHAM WAKE	TRIANGLE TRANSIT AUTHORITY	TA-5219	PURCHASE OF REPLACEMENT BUSES (5)		2350			FUZ	CP	1880																										
								L	CP	235																										
								S	CP	235																										
		HF																																		
DURHAM WAKE	TRIANGLE TRANSIT AUTHORITY	TA-5218	PURCHASE OF REPLACEMENT PARATRANSIT VEHICLES (3) AND RELATED EQUIPMENT (CAMPO)		282			FUZ	CP	226																										
								L	CP	28																										
								S	CP	28																										
		HF																																		
DURHAM WAKE	TRIANGLE TRANSIT AUTHORITY	TA-5225	PURCHASE OF REPLACEMENT BUS (1) AND VANPOOL VEHICLES (5) (CAMPO)		628			FBUS	CP	502																										
								L	CP	63																										
								S	CP	63																										
		HF																																		
WAKE	TRIANGLE TRANSIT AUTHORITY	TA-5123A	EXPANSION BUS		19270	14407		FUZ	CP	1351					CP	1351					CP	1351														
								L	CP	135					CP	135					CP	135														
								S	CP	135					CP	135					CP	135														
		HF																																		
WAKE	TRIANGLE TRANSIT AUTHORITY	TA-4818A	EXPANSION BUS		7410	5486		FBUS																												
								FUZ	CP	962							CP	962																		
		HF																																		
WAKE	TRIANGLE TRANSIT AUTHORITY	TD-4941	FACILITY - PARK & RIDE - CAMPO FUNDED		736	736		L																												
								STPDA																												
		HF																																		
WAKE	TRIANGLE TRANSIT AUTHORITY	TD-5278	FACILITY MAINTENANCE AND OPERATIONS CENTER MEZZANINE PROJECT - DESIGN, ENGINEERING, AND CONSTRUCTION		500	90		FUZ	C	85		C	243																							
								L	C	11		C	30																							
								S	C	11		C	30																							
		HF																																		
DURHAM ORANGE WAKE	TRIANGLE TRANSIT AUTHORITY	TE-4903A	FIXED GUIDEWAY - LIGHT RAIL SERVICE- CARY/RALEIGH		1502000	2000		FED							C	500000		C	500000		C	500000														
		HF																																		
WAKE	TRIANGLE TRANSIT AUTHORITY	TE-4903B	FIXED GUIDEWAY - COMMUTER RAIL SERVICE- DURHAM/RALEIGH		666			FED	C	222		C	222		C	222																				
		HF																																		

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WAKE	WAKE COORDINATED TRANSPORTATION SERVICE	TN-6116	OPERATING ASSISTANCE		240	240	FNF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TYPE OF WORK/ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																											
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED									
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS									
PASSENGER RAIL PROJECTS																											
DURHAM	VARIOUS	U-4716	VARIOUS ROUTES AND NORFOLK SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD IN DURHAM AND MORRISVILLE, SOUTH OF I-40 TO NORTH OF MCCRIMMON PARKWAY. CONSTRUCT A GRADE SEPARATION AT SR 1978 (HOPSON ROAD), EXTEND CHURCH STREET TO HOPSON ROAD, CLOSE CHURCH STREET CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD, CONSTRUCT SECOND TRACK, AND WIDEN HOPSON ROAD FROM EAST OF SR 1999 (DAVIS DRIVE) TO NC 54.		36062	31776	O																R	1126	D		
WAKE	PIEDMONT CORRIDOR			O																				C	3160	D	
				A	NORFOLK SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD. CONSTRUCT RAILROAD GRADE SEPARATION AND SHIFT RAIL LINE - PROJECT COMPLETE																						
				TRN B	NORFOLK SOUTHERN RAILROAD / NC RAILROAD TO SR 1978 (HOPSON ROAD) REALIGN AND CLOSE CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD - UNDEI																						
				C	CLEGG TO NELSON. CONSTRUCT PASSING SIDING - UNDER CONSTRUCTION																						
			D	SR 1978 (HOPSON ROAD), EAST OF SR 1999 (DAVIS DRIVE) TO NC 54, WIDEN TO MULTILANES																							
EDGECOMBE	CSXT RR	P-5005	CONGESTION MITIGATION CROSSOVERS.		26561	26561																					
HALIFAX																											
NASH																											
WAKE																											

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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION																						
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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS				
PASSENGER RAIL PROJECTS																						
ALAMANCE	PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.		158562	158562																
CABARRUS																						
DAVIDSON																						
DURHAM																						
GUILFORD																						
MECKLENBURG																						
ORANGE																						
RANDOLPH																						
ROWAN																						
WAKE																						
	EX																					
								A	EQUIPMENT REBUILD - 2 F59PHI LOCOMOTIVES - IN PROGRESS													
								B	PURCHASE 2 USED LOCOMOTIVES - COMPLETE													
								C	EQUIPMENT REHABILITATION - 3 LOCOMOTIVES - IN PROGRESS													
								D	EQUIPMENT REHABILITATION - 3 PASSENGER CARS - COMPLETE													
								E	PASSENGER TRAIN SECURITY SYSTEM, CCTV DATA NETWORK AND GENERATORS - IN PROGRESS													
								F	CRISP CHARLOTTE MAINTENANCE FACILITY - TRACK EXTENSION AND SHOP BUILDING - IN PROGRESS													
								G	PURCHASE 4 USED PASSENGER CARS AND REHABILITATE 7 PASSENGER CARS - IN PROGRESS													
								H	CAPITAL YARD PHASE 1 IMPROVEMENTS - EXTEND TRACKS 1 AND 2, MAJOR WORK TRACK 3 - IN PROGRESS													
								I	EQUIP 9 STATIONS AND PLATFORMS WITH ADA/FRA PIDS - IN PROGRESS													
WAKE	PIEDMONT CORRIDOR	P-5201	MORRISVILLE PARKWAY GRADE		27467	27467																
		TRN	SEPARATION AND TRACK REALIGNMENT.																			
UNDER CONSTRUCTION																						

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HIGHWAY PROGRAM

STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																			
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED														
COUNTY	NUMBER						FY 2018	FY 2019		FY 2020		FY 2021		FY 2022		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																				
INTERSTATE PROJECTS																																									
VARIOUS	I-9999	INTERSTATE MAINTENANCE BALANCE.		306960		NHPIM	C	5000		C	5000		C	5000		C	5000		C	5000		C	5000		C	75460		C	96500		C	100000									
STATEWIDE	SW																																								
RURAL PROJECTS																																									
VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		7130	2130	T	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV					
						T	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE					
						T	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW					
STATEWIDE						DIV	DIV	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						REG	REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						SW	SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
VARIOUS	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		2750	250	T	R	250		R	250		R	250		R	250		R	250		R	250		R	250		R	250		R	250		R	250						
STATEWIDE	DIV																																								
VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		4280	2680	T	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV					
						T	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE					
						T	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW					
STATEWIDE						DIV	DIV	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						REG	REG	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						SW	SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
IN PROGRESS																																									
VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV					
						T	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE					
						T	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW					
STATEWIDE						DIV	DIV	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						REG	REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
						SW	SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
IN PROGRESS																																									
VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21257	12167	T	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	360	DIV								
						T	PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE	PE	360	RE								
						T	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	270	SW	PE	360	SW					
STATEWIDE						DIV	DIV	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																
						REG	REG	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																
						SW	SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																
IN PROGRESS																																									

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HIGHWAY PROGRAM

STATEWIDE

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																														
ROUTE/CITY	ID		LENGTH	TOTAL	PRIOR		STATE TRANSPORTATION PROGRAM												DEVELOPMENTAL PROGRAM												UNFUNDED		
COUNTY	NUMBER	LOCATION / DESCRIPTION	(Miles)	COST	YEARS	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022													FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS				
RURAL PROJECTS																																	
VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		23328	13328		T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV					
							T	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE					
							T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW					
STATEWIDE							DIV	DIV	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																								
						REG	REG	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																									
						SW	SW	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																									
IN PROGRESS																																	
VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		4808	2308		T	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV					
							T	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE					
							T	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW					
STATEWIDE							DIV	DIV	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																								
						REG	REG	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																									
						SW	SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																									
IN PROGRESS																																	
VARIOUS	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		600	300		T	PE	100	DIV																							
							T	PE	100	RE																							
							T	PE	100	SW																							
STATEWIDE							DIV	DIV	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.																								
						REG	REG	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.																									
						SW	SW	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.																									
IN PROGRESS																																	
VARIOUS	R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.																															
STATEWIDE						EX																											
PROGRAM IN PROGRESS																																	
VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759																												
STATEWIDE																																	
IN PROGRESS																																	
VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398																												
STATEWIDE																																	
IN PROGRESS																																	

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HIGHWAY PROGRAM																						
STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER			FY 2018	FY 2019		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS							
RURAL PROJECTS																						
VARIOUS	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20305	20305		IN PROGRESS															
STATEWIDE																						
VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		67523	37523	STBG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	
						STBG	C	900	RE	C	900	RE	C	900	RE	C	900	RE	C	900	RE	
						STBG	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	
						DIV DIV NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS																
REG REG NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS																						
SW SW NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS																						
STATEWIDE																						
IN PROGRESS																						
VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523																	
STATEWIDE																						
IN PROGRESS																						
VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		82759	72759	NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	
STATEWIDE						NHP	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	
						NHP	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	
						T	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	
						T	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	
						T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	
						DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION.																
REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION.																						
SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION.																						
IN PROGRESS																						
URBAN PROJECTS																						
VARIOUS	M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3300	300	T	PE	300		PE	300		PE	300		PE	300		PE	300		
STATEWIDE	DIV																					
FEASIBILITY STUDIES																						
VARIOUS	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064	T	PE	200		PE	200		PE	200		PE	200		PE	200		
STATEWIDE	SW																					

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

STATEWIDE

DIV - Division Category	EX - Exempt Category
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SW - Statewide Category	TRN - Transition Project

HIGHWAY PROGRAM																																																	
STATEWIDE										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																							
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																						
COUNTY	NUMBER			FY 2018	FY 2019		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																																		
BRIDGE PROJECTS																																																	
VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																																												
STATEWIDE	DIV																																																
UNDER CONSTRUCTION																																																	
HIGHWAY SAFETY PROJECTS																																																	
VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		6608	6608																																												
STATEWIDE																																																	
IN PROGRESS																																																	
VARIOUS	W-5517		SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	71601	16601		HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV												
						HSIP	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE													
						HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW													
STATEWIDE							DIV	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																																								
						REG	REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																																									
						SW	SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																																									
IN PROGRESS																																																	
VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	180736	82736		HSIP	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV													
						HSIP	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV													
						HSIP	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE													
						HSIP	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE													
						HSIP	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW													
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW													
STATEWIDE						DIV	DIV	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.																																									
						REG	REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.																																									
						SW	SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.																																									
IN PROGRESS																																																	
VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.	223850			HSIP	C	3600	DIV	C	6750	DIV	C	7035	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV													
						HSIP	C	3600	RE	C	6750	RE	C	7035	RE	C	7110	RE	C	7110	RE	C	7110	RE	C	7110	RE	C	7110	RE	C	7110	RE	C	7110	RE													
						HSIP	C	4800	SW	C	9000	SW	C	9380	SW	C	9480	SW	C	9480	SW	C	9480	SW	C	9480	SW	C	9480	SW	C	9480	SW	C	9480	SW													
STATEWIDE							DIV	DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																																								
						REG	REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																																									
						SW	SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																																									

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HIGHWAY PROGRAM																												
STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED	
COUNTY	NUMBER			FY 2018	FY 2019		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS													
HIGHWAY SAFETY PROJECTS																												
VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																							
STATEWIDE																												
VARIOUS	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		17000	2000	HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV				
							HSIP	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE			
						HSIP	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW				
STATEWIDE						DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																				
						REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																				
						SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																				
IN PROGRESS																												
CONGESTION MITIGATION PROJECTS																												
VARIOUS	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		60260	18379	CMAQ	PE	1634		PE	1664																	
							S(M)	PE	408		PE	416																
						CMAQ	R	1634		R	1664																	
						S(M)	R	408		R	416																	
						CMAQ	C	9803		C	9983																	
						S(M)	C	2451		C	2496																	
						CMAQ	O	1634		O	1664																	
						S(M)	O	408		O	416																	
						CMAQ	I	1634		I	1664																	
						S(M)	I	408		I	416																	
						S(M)	I	327		I	333																	
STATEWIDE	EX																											
IN PROGRESS																												
VARIOUS	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702																							
STATEWIDE	EX																											
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																												
VARIOUS	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		4869	2994	CMAQ	OT	1500	C																			
							L	OT	375	C																		
STATEWIDE	EX					EX	A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS																				
						EX	B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS																				
						EX	C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.																				

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STATEWIDE

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

HIGHWAY PROGRAM																																	
STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																											
ROUTE/CITY	ID		LENGTH	TOTAL	PRIOR	STATE TRANSPORTATION PROGRAM												DEVELOPMENTAL PROGRAM										UNFUNDED					
COUNTY	NUMBER	LOCATION / DESCRIPTION	(Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																
ENHANCEMENT (ROADSIDE PROJECTS)																																	
VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1312	612	T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV			
						T	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE			
						T	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW			
STATEWIDE						DIV	DIV	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									
						REG	REG	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									
						SW	SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									
SAFE ROUTES TO SCHOOLS PROJECTS																																	
VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM.		6435	6435																												
STATEWIDE	DIV	EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.																															
						IN PROGRESS																											
VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM.		13519	13519																												
STATEWIDE	DIV	PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.																															
						IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																											

DIV - Division Category

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SW - Statewide Category

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REG - Regional Category

TRN - Transition Project

STATEWIDE

NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY

ID

LENGTH

TOTAL PROJ COST (THOU)

PRIOR YEARS COST (THOU)

FUNDS

STATE TRANSPORTATION PROGRAM

DEVELOPMENTAL PROGRAM

UNFUNDED

COUNTY

NUMBER

LOCATION / DESCRIPTION

(Miles)

FY 2018

FY 2019

FY 2020

FY 2021

FY 2022

FY 2023

FY 2024

FY 2025

FY 2026

FY 2027

FUTURE YEARS

BICYCLE AND PEDESTRIAN PROJECTS

VARIOUS

E-4018

NATIONAL RECREATIONAL TRAILS.

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DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

STATEWIDE

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

NON HIGHWAY PROGRAM																											
STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS										
PUBLIC TRANSPORTATION PROJECTS																											
STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU																					
						L																					
						S																					
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-6181	5311 ADMINISTRATIVE PROJECTS FOR RURAL AREAS		35682	17973	FNU	AD	13423																			
						L	AD	2630																			
						S	AD	1656																			
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		561	330	ADTAP	AD	231																			
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-4900Z	STATE ADMINISTRATION - RURAL AREA GENERAL PUBLIC TRANSIT SERVICES		19423	12180	FNU	AD	1743		AD	1100		AD	1100		AD	1100		AD	1100							
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC																					
						L																					
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU																					
						L																					
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TO-6142	URBANIZED FORMULA PROGRAM FUNDS MANAGED BY NCDOT FOR ORANGE, ALAMANCE, DAVIDSON, GUILFORD, CABARRUS, IREDELL, HOKE, CUMBERLAND, HARNETT, UNION, MECKLENBURG TRANSPORTATION SYSTEMS - OPERATING		18778		FUZ	CP	1975		CP	1799		CP	1835		CP	1871		CP	1909							
						L	CP	1975		CP	1799		CP	1835		CP	1871		CP	1909							
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU																					
STATEWIDE	HF																										
FUNDS AUTHORIZED IN PROGRESS																											

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

NON HIGHWAY PROGRAM																							
STATEWIDE						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM						UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS						
PUBLIC TRANSPORTATION PROJECTS																							
STATEWIDE	TQ-9039	5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS		657	657	FEPD																	
						L																	
						S																	
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
STATEWIDE	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		8670	4208	FEPD	O	2231															
						L	O	2231															
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
STATEWIDE	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		7551	3226	FEPD	CP	3459															
						L	CP	433															
						S	CP	433															
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
STATEWIDE	TS-7000	DEVELOP AMD IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO																	
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
STATEWIDE	TS-4900Z	STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT)		2285	1873	RTAP	AD	412															
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
STATEWIDE	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF																	
						S																	
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	4092	JARC	AD	500		AD	500		AD	500									
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3184	FNF	AD	386		AD	350		AD	350									
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
SUB REGIONAL	TV-4903	STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)		9749	5930	FEPD	AD	569		AD	650		AD	650		AD	650						
STATEWIDE	HF																						
FUNDS AUTHORIZED IN PROGRESS																							
DIV - Division Category HF - State Dollars (Non STI) SW - Statewide Category										EX - Exempt Category REG - Regional Category TRN - Transition Project													
										S-14													
										COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE													

NON HIGHWAY PROGRAM																																	
STATEWIDE										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																							
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED						
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																
PASSENGER RAIL PROJECTS																																	
VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		12001	2001	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV			
						T	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE			
						T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW			
STATEWIDE						DIV	DIV	STATEWIDE RAIL PRELIMINARY ENGINEERING																									
						REG	REG	STATEWIDE RAIL PRELIMINARY ENGINEERING																									
						SW	SW	STATEWIDE RAIL PRELIMINARY ENGINEERING																									
VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31087	1087	RR	R	500		R	500		R	500		R	500		R	500		R	500		R	500		R	500				
						RR	C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500				
STATEWIDE						DIV																											
						IN PROGRESS																											
VARIOUS	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		10500		RR				R	500		R	500		R	500																
						RR				C	3000		C	3000		C	3000																
STATEWIDE						DIV																											
VARIOUS	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7404	404	RR	R	500		R	500																						
						RR	C	3000		C	3000																						
STATEWIDE						DIV																											
						IN PROGRESS																											
VARIOUS	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		23316	23316																												
STATEWIDE						DIV																											
						IN PROGRESS																											
VARIOUS	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		17500		RR																											
						RR																											
STATEWIDE						DIV																											
NORTH CAROLINA RAILROAD	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456																												
STATEWIDE						EX																											
						IN PROGRESS																											

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

TIP Fiscal Constraint

Federal regulations require the TIP to be "constrained to reasonably expected revenue." The 2018-27 TIP meets this test. Available transportation funding in the Capital Area MPO demonstrate a balanced program of future revenue forecasts and project cost estimates, with cooperative agreement between CAMPO and NCDOT for statewide sources of project funding and periodic program corrections to demonstrate fiscal constraint. Approximately \$3.49 billion in revenues and \$3.49 billion of project and program costs are forecast for the first four years of the TIP (2018-21).

Funding and programming levels for FY18-27 used to demonstrate fiscal constraint were obtained through the NCDOT STIP Unit in the Program Development Branch. Estimates were used when figures were not available by funding category or due to aggregation of reported data. In these cases, system level estimates of costs and revenues were applied.

Revenues

The core of the TIP's federal revenue projection is that anticipated federal appropriations, for both highway and transit purposes, are outlined in the two-year federal transportation act (The Fast Act), which is the source of federal assistance for CAMPO, our region's transit providers and NCDOT. Starting with The Fast Act's authorization schedule, CAMPO works with NCDOT to develop reasonable TIP appropriation estimates.

Federal Program Funds. As there is no way to precisely predict how much will actually be appropriated for the MPO's share of federal funding, CAMPO programs funding commitments to the maximum obligation limit authorized in the Act, corrected to account for actual funding limitations as they occur and impact available revenues based on NCDOT's financial model. Further adjustments are made as revenue forecasts are updated with actual appropriations and limitations through a combination of: the biennial update of the four-year program, the cooperation of state funding sources temporarily covering regional obligations if available, project delays from original programming, and ultimately the project selection process that may delay projects or programs.

In order to comply with overall federal budget constraints, USDOT has taken back or rescinded previously apportioned budget. While these rescissions have had minimal impact on our program to date, continued use of this budget mechanism could adversely affect future budgets. Federal funding rescissions may occur in the future. However, it is not possible to anticipate specific impacts on the future years of the TIP.

Although North Carolina's total apportionment of federal funds for FFY 2018 is expected to be about \$1.204 billion, it is anticipated that the obligation limitation applied to most federal aid categories will be about \$1.16 billion.

The amount of state matching funds needed for the Federal Aid Program is expected to be \$290 million, which will be funded by the State Highway Trust Fund. When federal funds are used on a Trust Fund eligible project, the Trust Fund law allows an amount equal to those federal funds to be

used to fund state STIP construction projects, which allows the Department to also have a small annual state construction program.

State Program Funds. NCDOT collects and distributes revenue collected from the gas tax, and vehicle registration fees, as well as administering several federal fund sources. NCDOT implements this based on revenue analysis on a biennial basis. These targets are distributed based on the six guiding principles identified to implement the State's 2040 Plan. Funding distribution is governed by the newly created Strategic Transportation Investments (STI) law. STI was established through House Bill 817 and signed into law on June 26, 2013. The STI law is used by the State to allocate state and federal transportation funding based evaluating projects through a scoring system comprised on quantitative technical scores and local input. Funding is divided among a statewide category, 7 Regions (A-H), and 14 Divisions (1-14). CAMPO relies largely on the Statewide Category and Region C's funding allocations when developing the TIP. The Statewide Category includes all interstates, toll facilities, and major US Highways including US 1, US 64, and US 70. Region C includes all other US and NC Highways in NCDOT Divisions 5 and 6. The Johnston County portion of CAMPO resides in NCDOT Division 4 and Funding Region A (Divisions 1 & 4). Regardless of funding Region or Division, CAMPO works with NCDOT's Program Development Branch to develop revenue estimates for each program area as well as the region's.

State transportation revenues are dependent on revenues into the state Highway Fund and the state Highway Trust Fund. Most of the State's roadway construction dollars come from the Highway Trust Fund. Revenues to both funds have begun to recover from the economic recession. Future funding levels will depend on trends in the sources of revenues feeding the Highway Fund and the Highway Trust Fund and whether the state legislature takes action to increase or otherwise alter the revenue stream. Therefore there is a certain amount of uncertainty in future funding levels inherent in the state funding process.

Public Transportation Revenue. In a similar fashion, CAMPO works cooperatively with our regional public transportation partners to develop estimates of anticipated federal public transit assistance, based again on using historical trends to discount the maximum transit amounts authorized in The Fast Act. The TIP does not report transit agency fund revenues other than local match needed for federal projects.

Anticipated Inflation Estimate. Inflation has not been factored into the above revenue estimates. However, when programming projects in the STIP the following inflation factors for future construction and right of way cost increases were used to reserve the budget at an overall inflation rate of 1% for the five year work plan. Project costs and revenue projections shown in this planning document budget are in constant 2018 dollars. Therefore, to find the true anticipated future year project costs, multiply the 2018 cost shown in the STIP by the following inflation factors: 2018 - 1.005, 2019 - 1.0151, 2020 – 1.0252, 2021 – 1.0355, 2022 through 2027-1.0458. This allows project costs used in the Program to be shown in current (2018) dollars.

Funding summaries of federal, state, and local revenue are included in *Tables 1 & 2*. The tables are broken out by funding sources and include local matching funds. Approximately \$3.49 billion has been allocated to projects and programs in the Capital Area from federal fiscal year 2018 through 2021.

Table 1. (INFLATED) TIP ROADWAY FUNDING SUMMARY 2018 - 2021 (August 2017) *(estimates are in \$1,000s)*

Funding	Funding Description	Funding Type	FY2018	FY2019	FY2020	FY2021	Total
Bond R	Revenue Bond	Other	8,542		579,641		588,183
CMAQ	Congestion Mitigation	Federal	6,954	6,552			13,506
HSIP	Highway Safety Improvement Plan	Federal	3,389				3,389
L	Local	Other	35,459	8,884	2,252	878	47,473
NHP	National Highway Performance Program	Federal	199,161	327,747	215,341	354,121	1,096,370
NHPIM	National Highway Performance Program (Interstate Maintenance)	Federal				5,975	5,975
S(M)	State Match for STP-DA or Garvee Projects	State	3,617	76	22,015	20,968	46,676
STBG	Surface Transportation Block Grant Program	Federal	15,476	4,973	9,155	3,159	32,763
STBGDA	Surface Transportation Block Grant Program (Direct Attributable)	Federal	23,627	3,450	3,484	3,519	34,080
STPOFF	Surface Transportation Program (Off System)	Federal	1,359	2,206	1,691		5,256
STPON	Surface Transportation Program (On System)	Federal	4,472				4,472
T	Highway Trust Fund	State	35,602	103,714	42,305	84,814	266,435
		Subtotal	337,658	457,602	875,884	473,434	2,144,578

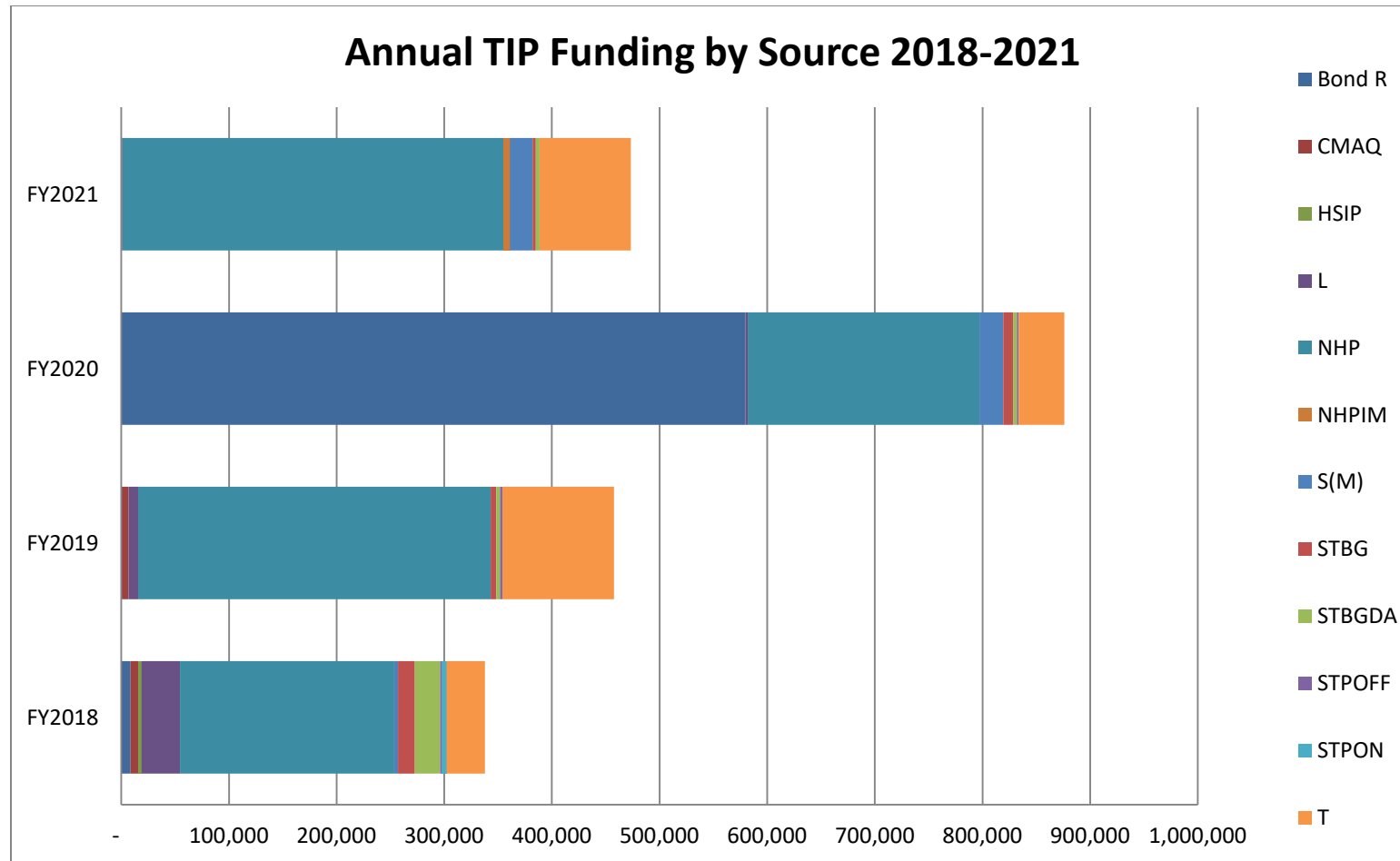


Figure 1. TIP Roadway Funding Summary 2018-2021
(estimates are in thousands of dollars)

Table 2. (INFLATED) TIP NONROADWAY FUNDING SUMMARY 2018 - 2021 (August 2017) *(estimates are in \$1,000s)*

Funding	Funding Description	Funding Type	FY2018	FY2019	FY2020	FY2021	Total
CMAQ	Congestion Mitigation	Federal	2,762				2,762
DP	Discretionary or Demonstration	Federal	3,057				3,057
FBUS	Capital Program- Bus and Bus Facilities (5339)	Federal	1,757	617	634		3,008
FED	Unidentified Federal Funding	Federal	223	225	512,826	517,750	1,031,024
FEDT	Unidentified Federal Transit Funding	Federal	36				36
FEPD	Elderly and Persons with Disability (5310)	Federal	742	749			1,491
FMPL	Metropolitan Planning (5303)	Federal	376	380	384	388	1,528
FNU	Non Urbanized Area Formula Program (5311)	Federal	111	112	113	114	450
FUZ	Capital Program- Urbanized Area Formula Program (5307)	Federal	20,877	27,710	11,241	9,420	69,248
L	Local	Other	12,001	9,392	7,392	5,987	34,772
O	Local, Non Federal, or State Funds	Other	634	487	102,281	276	103,678
S	State	State	2,222	703	541	406	3,872
SMAP	Operating Assistance and State Maintenance	State	5,175	5,229	5,291	5,354	21,049
STBGDA	Surface Transportation Block Grant Program (Direct Attributable)	Federal	7,301	2,334	2,357	2,381	14,373
T	Highway Trust Fund	State	6,575	15,150	15,439	8,887	46,051
TAP	Transportation Alternatives Program	Federal	192	1,009	3,909	248	5,358
TAPDA	Transportation Alternatives Program (Direct Attributable)	Federal	983	993	1,004	1,014	3,994
		Subtotal	65,024	65,090	663,412	552,225	1,345,751

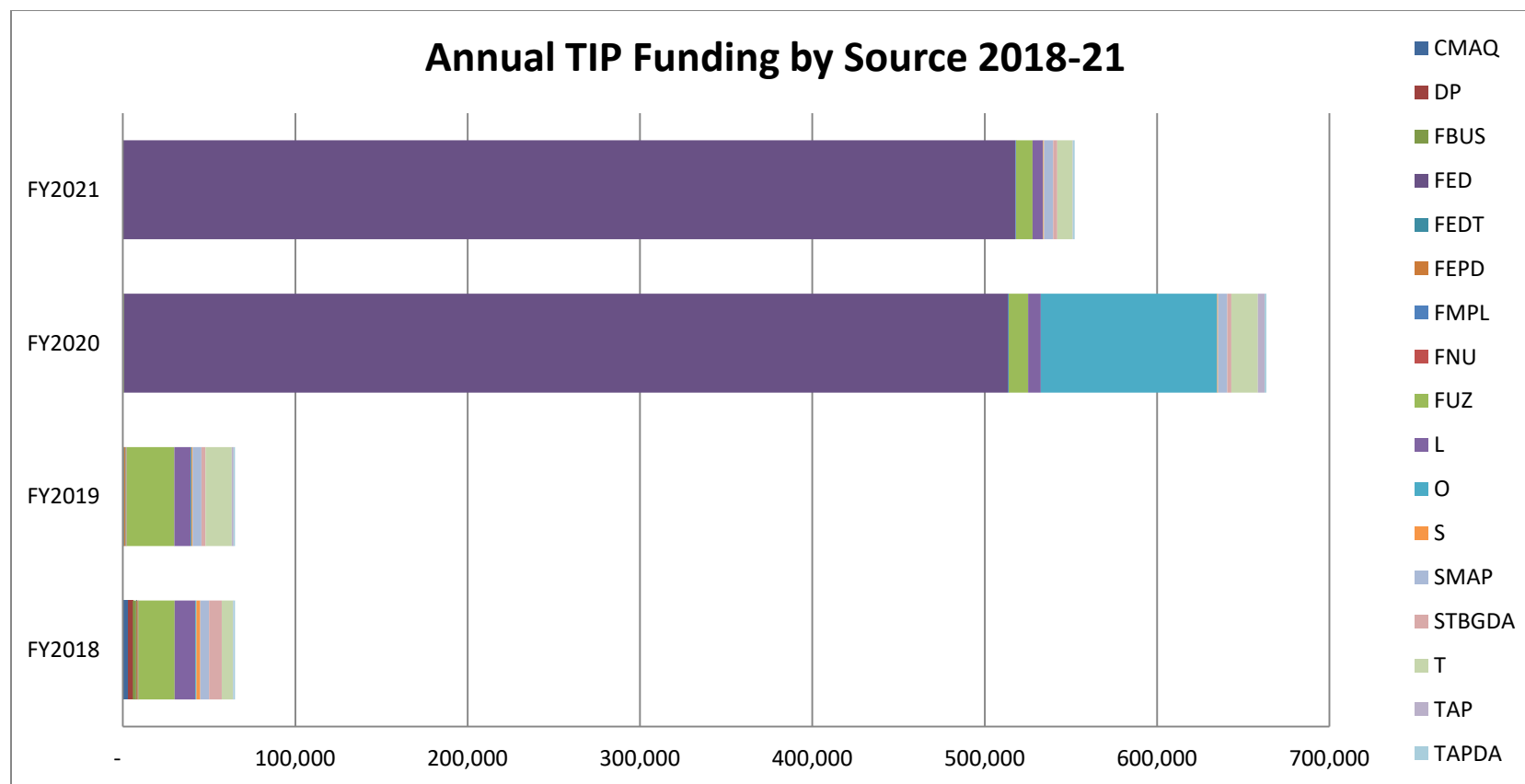


Figure 2. TIP NonRoadway Funding Summary 2018-2021
(estimates are in thousands of dollars)

Costs

Project costs are estimated and managed by the administering agency for the project. Inflation costs are factored into the project cost estimates by the administering agency as appropriate to the type of project proposed for implementation and reviewed by CAMPO and NCDOT.

CAMPO Funding Project Cost Estimates

Agencies applying for regional flexible funds for their projects, estimate and manage their project costs, with review and approval by CAMPO. In order to establish realistic project budgets, CAMPO provides a planning-level cost estimation worksheet consistent with NCDOT's cost-estimation methodology with additional input from jurisdictions and consultants in the region. This assists agencies with establishing costs for project design features, environmental impacts and mitigation, right-of-way acquisition, design, administration, construction engineering, and contingency. Applicants are required to submit a cost estimate using CAMPO's worksheet or an equivalent or better methodology. CAMPO and NCDOT review all cost estimates relative to each project's scope, and recommend changes as necessary to establish a reasonable project budget. Project costs are inflated to the project year using factors recommended by NCDOT. Once a project is awarded funds, the agency administering the project is responsible for implementing the scope of the project applied for within budget. Cost overruns must be covered by the agency or the agency must apply for additional funds or request a reduction in project scope.

State Program Cost Estimates

NCDOT staff proceeds through a process to estimate project costs as accurately as possible. Projects that are proposed for consideration in the narrowing process receive a project scoping and cost estimation. Construction projects receive a forecasted annual cost inflation factor. Projects proposed for funding receive a more detailed evaluation of scope and project costs. Scope and cost estimation are then continuously updated through the project development process.

Public Transit Cost Estimates

Our region's transit providers and CAMPO work with NCDOT and the Federal Transit Administration to develop, manage, and monitor project costs for federal grant funding (such as Section 5307 funding) received outside of regional flexible fund allocations (such as STBGP). Projects proposed for funding receive a more detailed evaluation of scope and project costs. Scope and cost estimation are then continuously updated through the project development process. Once a project is awarded funds, the agency administering the project is responsible for implementing the scope of the project applied for within budget. Cost overruns must be covered by the agency or the agency must apply for additional funds or request a reduction in project scope.

Operations & Maintenance

Operations and Maintenance (O&M) funding levels for non-public transit were derived by first analyzing the trend in O&M per county expenditures. These figures were then factored to reflect the proportion of each county's population that is included within the MPO. Total operations and maintenance expenditures were compared to total overall expenditures to estimate levels per funding category (Table 3).

Table 3. OPERATIONS & MAINTENANCE DETAILS 2016 - 2027

FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	TOTAL FY 2011-2015	ANNUAL AVERAGE	POPULATION	POPULATION ADJUSTED
<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>% POP in MPO</u>	<u>MAINTENANCE</u>
11,887,012	14,053,066	17,347,007	13,453,678	14,918,478	21,964,292	17,148,695	17,925,597	21,487,529	93,444,591	18,688,918	57%	10,693,799
9,949,988	6,150,119	9,536,904	7,740,925	6,381,476	9,847,580	7,590,070	6,615,270	11,400,806	41,835,203	8,367,041	65%	5,463,677
5,750,815	9,726,901	5,623,857	9,441,956	6,018,335	11,198,294	16,499,195	9,546,917	11,900,389	55,163,131	11,032,626	34%	3,706,962
27,434,706	27,798,191	24,500,707	32,548,107	42,097,429	26,808,129	39,682,059	37,376,232	6,384,123	152,347,972	30,469,594	100%	30,469,594
10,107,729	9,438,404	7,461,814	7,013,388	10,676,288	13,668,465	15,373,007	11,302,824	11,788,689	62,809,273	12,561,855	16%	2,047,582
65,130,249	67,166,681	64,470,289	70,198,054	80,092,005	83,486,761	96,293,027	82,766,842	62,961,536	405,600,171	81,120,034		52,381,616

POPULATION ADJUSTED	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	TOTAL 2018- 2027
<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	<u>MAINTENANCE</u>	
10,693,799	11,068,082	11,455,465	11,856,406	12,271,380	12,700,879	13,145,409	13,605,499	14,081,691	14,574,550	15,084,660	15,612,623	16,159,065	139,092,162
5,463,677	5,654,906	5,852,828	6,057,677	6,269,696	6,489,135	6,716,255	6,951,324	7,194,620	7,446,432	7,707,057	7,976,804	8,255,992	71,064,989
3,706,962	3,836,706	3,970,991	4,109,975	4,253,825	4,402,708	4,556,803	4,716,291	4,881,362	5,052,209	5,229,037	5,412,053	5,601,475	48,215,738
30,469,594	31,536,030	32,639,791	33,782,184	34,964,561	36,188,320	37,454,911	38,765,833	40,122,637	41,526,930	42,980,372	44,484,685	46,041,649	396,312,083
2,047,582	2,119,248	2,193,421	2,270,191	2,349,648	2,431,885	2,517,001	2,605,097	2,696,275	2,790,645	2,888,317	2,989,408	3,094,037	26,632,504
52,381,616	54,214,972	56,112,496	58,076,434	60,109,109	62,212,928	64,390,380	66,644,043	68,976,585	71,390,765	73,889,442	76,475,573	79,152,218	681,317,476

Due to aggregation of data, this was determined to be the most effective way to estimate O&M. The Capital Area MPO will continue to work with NCDOT as TIP/STIP development process evolves to improve the tracking and forecasting of operations and maintenance in each funding category. It is estimated that approximately one third of the roadway obligations will be for Operations and Maintenance.

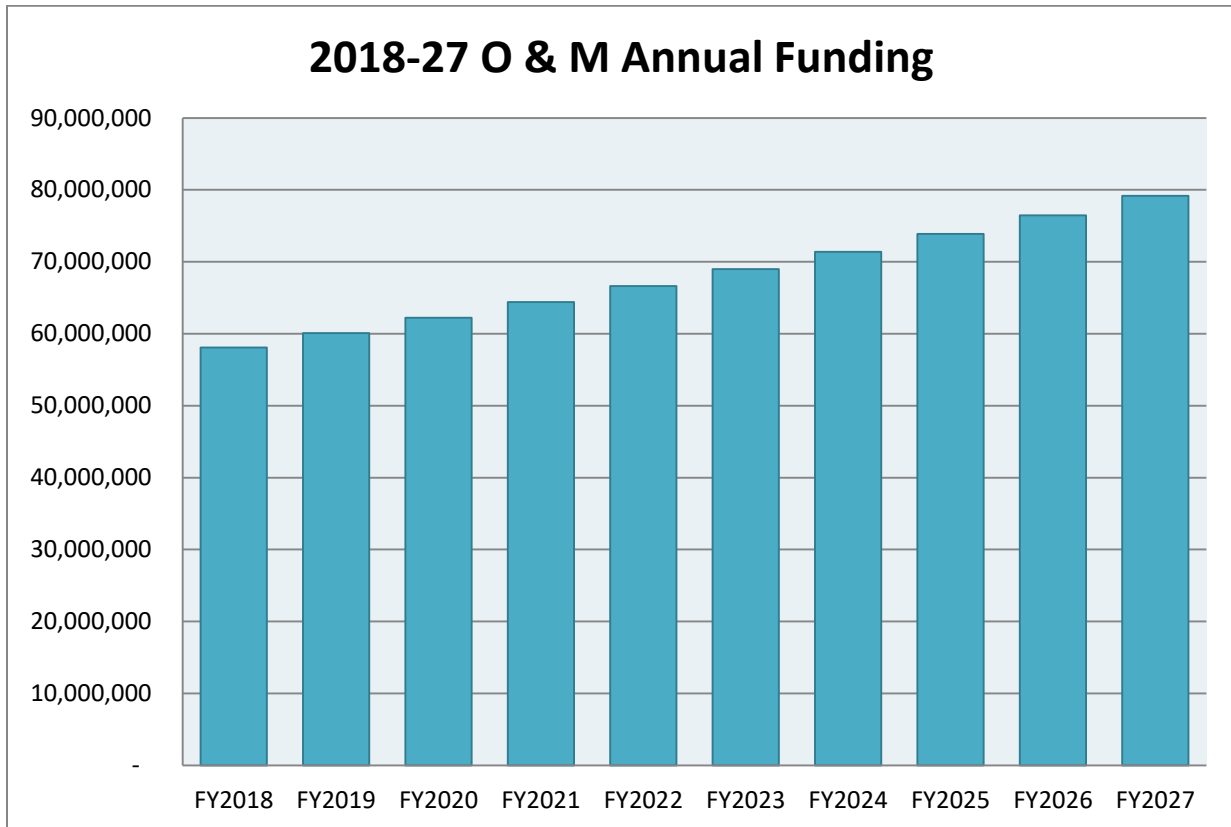


Figure 3. Projected Operations & Maintenance Funding Summary 2018-2027

Funding levels for public transit Operations and Maintenance were determined through comparison of adopted and projected budgets of local transit operators. It is estimated that approximately 80 percent of transit obligations will be for operations and maintenance.

Conclusion

The forecasted revenues and program of projects is consistent with the reasonably anticipated revenues for the region, as directed by federal guidelines under The Fast Act during the four-year period of the TIP as well as during the ten year period of the full 2018-2027 TIP. Based on aggregated financial data provided by all funding sources, it is estimated that 67 percent of funding in the 2018-2021 Transportation Improvement Program is derived from federal sources and 33 percent is derived from state and local sources. In the future, the Capital Area MPO will continue to work with local, state, and federal partners to continue to improve the TIP financial element development process.

