

# 2020- 2029

## CAMPO Transportation Improvement Program



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*CAMPO has established performance management targets for highway safety, infrastructure condition, congestion, system reliability, emissions, freight movement and transit. CAMPO anticipates meeting the identified targets with the mix of projects included in the TIP.*

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Adopted:

October 16, 2019

**RESOLUTION ADOPTING THE FY2020-2029 TRANSPORTATION IMPROVEMENT  
PROGRAM AND FINDING THE 2020-2029 TRANSPORTATION IMPROVEMENT  
PROGRAM (TIP) FOR THE CAPITAL AREA METROPOLITAN PLANNING  
ORGANIZATION (CAMPO) IN CONFORMITY WITH THE NORTH CAROLINA STATE  
IMPLEMENTATION PLAN**

A motion was made by Executive Board Member JOHN BYRNE and seconded by Executive Board Member HOWARD PENNY for the adoption of the following resolution, and upon being put to a vote, was duly adopted.

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

**WHEREAS**, the CAMPO Board is the duly recognized transportation decision making body for the CAMPO as required by 23 CFR Part 134; and

**WHEREAS**, the Fixing of America's Surface Transportation Act (FAST Act) requires all Metropolitan Planning Organizations to develop and maintain a Metropolitan Transportation Plan and Transportation Improvement Program; and

**WHEREAS**, the FY 2020-2029 Transportation Improvement Program meet the planning requirements of 23 CFR Part 134; and

**WHEREAS**, the United States Environmental Protection Agency (USEPA) designated the Raleigh-Durham Chapel Hill Area as nonattainment area for the prior 1997 8-hour ozone standard on June 15, 2004, and due to improved air quality in the region the area was re-designated from nonattainment to attainment on December 26, 2007; and

**WHEREAS**, the conformity analysis report dated October 16, 2019 used the latest planning assumptions approved by the CA MPO for population, employment, travel and congestion as required in 40 CFR Part 93.110; and

**WHEREAS**, the conformity determination used the latest emissions model approved by the USEPA; and

**WHEREAS**, interagency consultation has been made in accordance with the established interagency consultation procedures for North Carolina and the CAMPO; and

**WHEREAS**, there are no transportation control measures listed in North Carolina's State Implementation Plan; and

**WHEREAS**, the programs and projects included in the FY2020-2029 Transportation Improvement Program are consistent with the North Carolina State Implementation Plan emissions budgets based on a regional emissions analysis; and

(Continued)

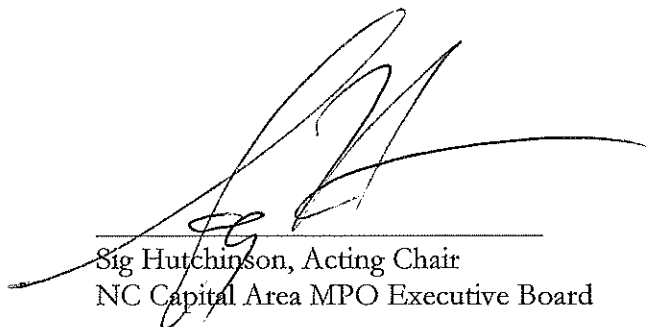
(Continued – Resolution Adopting FY2020-2029 TIP and Air Quality Conformity for the CAMPO 2020-29 TIP)

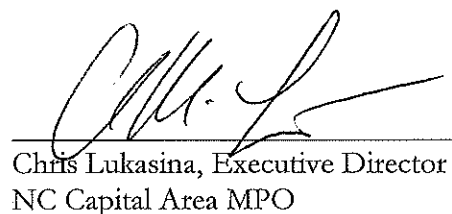
**WHEREAS**, the donut area projects were included in the conformity regional emissions analysis; and

**WHEREAS**, the programs and projects included in the CAMPO Transportation Improvement Program for FY 2020-2029 are financially constrained in accordance with State and Federal law; and

**WHEREAS**, the programs and projects included in the CAMPO Transportation Improvement Program for FY 2020-2029 are a direct subset of the 2045 Metropolitan Transportation Plan.

**NOW, THEREFORE BE IT RESOLVED** that the Capital Area Metropolitan Planning Organization Executive Board adopts the 2020-2029 Transportation Improvement Program and the 2020-2029 Transportation Improvement Program conforms to the intent of the North Carolina State Implementation Plan in accordance with the Clean Air Act as Amended on this, the 16th day of October 2019.

  
Sig Hutchinson, Acting Chair  
NC Capital Area MPO Executive Board

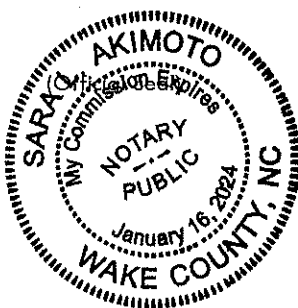
  
Chris Lukasina, Executive Director  
NC Capital Area MPO

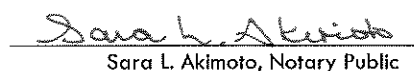
County of Wake

State of North Carolina

I, Sara L. Akimoto, a Notary Public for said County and State, do hereby certify that on this, the 16th day of October, 2019, personally appeared before me, Sig Hutchinson, known to me by his presence and acknowledged the due execution of the foregoing RESOLUTION ADOPTING THE FY2029-2029 TRANSPORTATION IMPROVEMENT PROGRAM AND FINDING THE NC CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) IN CONFORMITY WITH THE NORTH CAROLINA STATE IMPLEMENTATION PLAN.

Witness my hand and official seal, this the 16th day of October, 2019.



  
Sara L. Akimoto, Notary Public

My Commission Expires: January 16, 2024

HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM				UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
INTERSTATE PROJECTS																											
I-40 WAKE	I-5506 H128080	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	25333	25333																						
SW						UNDER CONSTRUCTION																					
I-40  DURHAM WAKE	I-5995	EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION.	4.0	6488	10	NHPIM S(M)				CG	343		CG	343		CG	343		CG	343		CG	343		CG	2058	
SW						GARVEE BOND FUNDING: \$4 MILLION FOR CONSTRUCTION - PAYBACK 2021-2035																					
I-40 WAKE	I-5996	SR 1002 (AVIATION PARKWAY) IN CARY TO SR 1728 (WADE AVENUE) IN RALEIGH. PAVEMENT REHABILITATION.	4.2	6180		NHPIM								C	6180												
SW																											
I-40 JOHNSTON	I-4739 H090031	ACCESS IMPROVEMENTS IN THE VICINITY OF EXISTING I-40/NC 42 INTERCHANGE (EXIT 312).	2.0	113065	72928	NHP	C	40137																			
SW						UNDER CONSTRUCTION - DESIGN BUILD PROJECT - COORDINATE WITH I-5111																					
I-40 WAKE	I-5873 H128079	NC 54 IN RALEIGH. INTERCHANGE IMPROVEMENTS.		4800	4800																						
REG						UNDER CONSTRUCTION																					
I-40 WAKE	I-4744	SR 1728 (WADE AVENUE) TO I-440 / US 1 / US 64. WIDEN TO SIX LANES.	4.0	73998	69363	NHP	CG	4635																			
TRN						PROJECT COMPLETE - GARVEE BOND FUNDING \$42.2 MILLION; PAYBACK FY 2009 - FY 2020																					
I-40  JOHNSTON WAKE	I-5111  H090044	I-440 / US 64 (EXIT 301) TO NC 42 (EXIT 312). ADD 2 GENERAL-PURPOSE LANES IN EACH DIRECTION.	10.7	455219	323026	NHP NHP	C C	23795 108398	REG SW																		
						REG	REG	H090044-BB	WAKE COUNTY LINE TO NC 42.																		
						SW	SW	H090044-A	I-440 / US 64 (EXIT 301) TO JOHNSTON COUNTY LINE.																		
						UNDER CONSTRUCTION - DESIGN-BUILD PROJECT																					

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

HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
INTERSTATE PROJECTS																							
I-40	I-6006	NC 54 (EXIT 273) TO SR 1728 (WADE AVENUE). CONVERT FACILITY TO A MANAGED FREEWAY WITH RAMP METERING AND OTHER ATM / ITS COMPONENTS.	15.8	54560	10	NHP											R	10					
						NHP														U	10		
						NHP														C	18177		
DURHAM	H172171																						
WAKE																							
SW																							
I-40 / US 64	I-5701	I-440 / US 1 / US 64 TO SR 1370 (LAKE WHEELER ROAD) IN RALEIGH. ADD LANES.	4.4	27250	750	NHP										R	500						
						NHP													U	500			
						NHP											C	1275		C	8075		
WAKE	H090045																						
SW																							
DESIGN-BUILD PROJECT - TO BE LET WITH I-5703																							
I-40	I-5700	SR 3015 (AIRPORT BOULEVARD). REVISE INTERCHANGE; CONSTRUCT AUXILIARY LANES ON I-40 EASTBOUND FROM I-540 TO SR 3015 (AIRPORT BOULEVARD) AND FROM SR 3015 TO SR 1002 (AVIATION PARKWAY), AND CONSTRUCT AUXILIARY LANE ON I-40 WESTBOUND FROM SR 3015 (AIRPORT BO	0.8	45376	7135	NHP	CG	1716		CG	1716		CG	1716		CG	1716		CG	1716			
						S(M)	C	3334		C	3333												
						NHP	C	2917		C	2917												
WAKE	H128081																						
SW																							
RIGHT-OF-WAY IN PROGRESS; GARVEE BOND FUNDING: \$20 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																							
I-40	I-5943	SR 1728 (WADE AVENUE) TO I-440 / US 1 IN RALEIGH. PAVEMENT AND BRIDGE REHABILITATION.	3.8	5881	10	NHPIM							C	5871									
WAKE																							
SW																							
COORDINATE WITH I-5704 AND I-5873																							
I-40 / US 64	I-5338	WEST OF SR 1319 (JONES-FRANKLIN ROAD) TO EAST OF I-440 / US 64 (EXIT 301). PAVEMENT REHABILITATION, INCLUDING WIDENING FOR MAINTENANCE OF TRAFFIC (NO ADDITIONAL TRAVEL LANES), AND ITS DEPLOYMENT ON ALTERNATE ROUTES FOR TRAFFIC MANAGEMENT.	9.0	154031	154031	TRN	A	ITS DEPLOYMENT - COMPLETE															
WAKE						TRN	B	WEST OF SR 1319 (JONES-FRANKLIN ROAD) TO EAST SR 1371 (LAKE WHEELER ROAD). CONVERT SHOULDER TO AUXILIARY LANE (COORDINATE WITH I-5338).															
						TRN	C	TRAFFIC MITIGATION MEASURES, TO INCLUDE NEW AND EXPANDED TRANSIT ROUTES, VANPOOLS, AND BICYCLE / PEDESTRIAN ELEMENTS. - IN PROGRESS															
TRN						UNDER CONSTRUCTION - DESIGN-BUILD PROJECT; LET WITH I-5311																	
I-40	I-5966	SR 1002 (AVIATION PARKWAY) TO SR 1652 (HARRISON AVENUE) IN CARY. CONSTRUCT AUXILIARY LANES IN BOTH DIRECTIONS.	2.3	24000	500	NHP										R	600						
						NHP													U	100			
						NHP																	
WAKE	H150802																C	7600		C	7600		
SW																							

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
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CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS				
INTERSTATE PROJECTS																					
I-40	I-5703	I-440 / US 1 / US 64 INTERCHANGE IN RALEIGH. RECONSTRUCT INTERCHANGE.	4.0	151750	750	NHP									R	20000					
						NHP									U	1000					
						NHP									C	6500		C	30875		
WAKE	H140771																	C	30875	C	30875
SW																					
						DESIGN-BUILD PROJECT - TO BE LET WITH I-5701															
I-85 / US 15	I-5942	NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY. PAVEMENT REHABILITATION.	6.0	9188	1	NHPIM											C	4594			
DURHAM																					
GRANVILLE																					
SW																					
						TO BE LET WITH I-5941															
I-87 / FUTURE I-87 / US 64 / US 264	I-6001	I-540 IN KNIGHTDALE TO NASH COUNTY LINE. PAVEMENT REHABILITATION.	19.5	14000		NHPIM											C	7000			
FRANKLIN																					
WAKE																					
SW																					
I-87 / US 64 / US 264	I-6007	SR 2233 (SMITHFIELD ROAD). CONVERT INTERCHANGE TO DIVERGING DIAMOND.		7410	10	NHP											R	1700			
						NHP											U	500			
						NHP															
WAKE	H171559																	C	5200		
SW																					
I-87 / US 64 / US 264	I-6005	US 64 BUSINESS (WENDELL BOULEVARD) TO US 264. WIDEN TO 6 LANES.	6.8	59110	10	NHP											R	4900			
						NHP											U	500			
						NHP															
WAKE	H171573																		C	13425	
SW																					
I-87 / US 64 / US 264	I-5944	I-440 IN RALEIGH TO I-540 IN KNIGHTDALE. PAVEMENT REHABILITATION.	4.1	8146	1	NHPIM						C	8145								
WAKE																					
SW																					

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM														DEVELOPMENTAL PROGRAM				UNFUNDED							
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS														
INTERSTATE PROJECTS																															
I-440 / US 1	I-5870	WEST OF RIDGE ROAD TO EAST OF US 70 (GLENWOOD AVENUE) IN RALEIGH. CONSTRUCT NEW INTERCHANGE AT RIDGE ROAD TO CONNECT WITH CRABTREE VALLEY AVENUE, REALIGN I-440 / US 1 INTERCHANGE WITH US 70 (GLENWOOD AVENUE), REALIGN AND WIDEN CRABTREE VALLEY AVENUE BETWE	1.5	225700	3000	T																									
						T																									
						T																									
WAKE	H140788																														
SW																															
DESIGN-BUILD PROJECT																															
I-440 / US 1	I-5997	SR 1728 (WADE AVENUE) TO SR 2000 (WAKE FOREST ROAD) IN RALEIGH. PAVEMENT REHABILITATION.	5.7	11132	10	NHPIM								C	5561		C	5561													
WAKE																															
SW																															
I-440 / US 1	I-5970	US 401 (CAPITAL BOULEVARD) IN RALEIGH. INTERCHANGE IMPROVEMENTS.	4.0	131493	200	NHP														R	8115										
						NHP														U	14										
WAKE	H150817					NHP																									
SW																															
I-440 / US 64	I-5311	I-40 (EXIT 301) TO NORTH OF I-495 / US 64 / US 264 (KNIGHTDALE BYPASS). PAVEMENT REHABILITATION AND ITS DEPLOYMENT ON ALTERNATE ROUTES FOR TRAFFIC MANAGEMENT.	3.1	58268	58268																										
WAKE																															
TRN																															
UNDER CONSTRUCTION - DESIGN-BUILD PROJECT; LET WITH I-5338																															
I-440 / US 1	I-5708	SR 2000 (WAKE FOREST ROAD) IN RALEIGH. INTERCHANGE IMPROVEMENTS.		34326	7850	NHP	RG	858		RG	858		RG	858		RG	858		RG	858		RG	858		RG	858		RG	4290		
						NHP	R	4806																							
WAKE	H140761					NHP	C	8800																							
SW																															
RIGHT-OF-WAY IN PROGRESS; GARVEE BONDS: \$10 MILLION FOR RIGHT-OF-WAY - PAYBACK 2020 - 2033																															
I-540	I-5945	TRIANGLE TOWNE CENTER BOULEVARD IN RALEIGH TO I-495 / US 64 / US 264 IN KNIGHTDALE. PAVEMENT REHABILITATION.	9.0	13601	1	NHPIM								C	13600																
WAKE																															
SW																															

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
HF - State Dollars (Non STI)	REG - Regional Category	
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HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
INTERSTATE PROJECTS																									
I-540 DURHAM WAKE	I-5998	I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION.		3800		NHPIM									C	3800									
SW																									
						COORDINATE WITH I-5999 AND I-6000																			
I-540 WAKE	I-5999	US 70 (GLENWOOD AVENUE) TO US 1 IN RALEIGH. PAVEMENT REHABILITATION.	12.0	10400		NHPIM										C	3467		C	3467		C	3466		
SW																									
						COORDINATE WITH I-5998 AND I-6000																			
I-540 DURHAM WAKE	I-6000	I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION / REHABILITATION.	16.3	4551	10	NHPIM							C	4541											
SW																									
						COORDINATE WITH I-5998 AND I-5999																			
I-540  WAKE	I-5968  H140672	US 70 TO SR 1829 (LEESVILLE ROAD) IN RALEIGH. CONSTRUCT EASTBOUND AUXILIARY LANE.	2.5	6951	1000	NHP									R	51									
						NHP									U	100									
						NHP											C	2900		C	2900				
SW																									
I-40; SR 1728 (WADE AVENUE) WAKE	I-5112	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	8673	NHP	CG	592																	
						BGANY	CG	45																	
TRN																									
						PROJECT COMPLETE - GARVEE BOND FUNDING \$5.8 MILLION; CONSTRUCTION - PAYBACK FY 2009-2020																			
RURAL PROJECTS																									
US 64  CHATHAM WAKE	R-5887  H150762	NC 751. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		67010	10	NHP											R	5000							
						NHP											U	2000							
						NHP															C	15000		C	45000
REG																									

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM								UNFUNDED FUTURE YEARS											
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029																				
RURAL PROJECTS																																				
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	245671	132392	BGANY	RG	1727	B																											
						BGANY	CG	2361	B	CG	2361	B	CG	2361	B																					
						BGLT5	CG	2831	C	CG	2831	C	CG	2831	C	CG	2831	C	CG	2831	C	CG	2831	C	CG	2831	C	CG	2831	C	CG	8493	C			
						BGLT5																														
						BGLT5																														
						T																														
						T																														
												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 - COMPLETE																						
												DIV	C	H090195-C	NC 96 TO SR 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) - UNDER CONSTRUCTION																					
						DIV	D	H090195-D	SR 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) TO SR 1700 (FOX PARK ROAD) SOUTH OF LOUISBURG - BUILD NC BONDS: \$40 MILLION FOR CONSTRUCTION - PAYBACK 2029.																											
						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 \$33 MILLION FOR CONSTRUCTION - PAYBACK FY 2018 - FY 2032; BUILD NC BONDS: SEE PART D NOTE ABOVE																														
NC 42 JOHNSTON	R-3825	US 70 TO SR 1003 (BUFFALOE ROAD). WIDEN TO MULTI-LANES.	6.1	153780	109380	T		C	22200	B	C	22200	B																							
												A	US 70 AT CLAYTON TO EAST OF SR 1902 (GLEN LAUREL ROAD). - COMPLETE																							
												DIV	B	H090262-B	EAST OF SR 1902 (GLEN LAUREL ROAD) TO SR 1003 (BUFFALOE ROAD). - UNDER CONSTRUCTION																					
UNDER CONSTRUCTION																																				
NC 42  JOHNSTON	R-3410  H090227	NC 50 TO US 70 BUSINESS. WIDEN TO MULTI-LANES.	8.6	78559	2500	BGANY						R	7348		R	7348																				
						BGANY						U	1763																							
						BGANY																			C	14900										
						C	14900		C	14900		C	14900		C	14900																				
REG																																				
NC 55	R-5705	JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 42 IN FUQUAY-VARINA. WIDEN TO MULTI-LANES. PART ON NEW LOCATION.	10.0	110467	3663	T	R	813	A	R	2440	A																								
						T	U	1330	A																											
						T																														
						T	R	671	B	R	2014	B																								
						T	U	350	B																											
						T																														
						T																														
						T																														
						T																														
						T																														
						DIV	A	H090123-C	JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210. PART ON NEW LOCATION.																											
						REG	B	H090123-D	NC 210 TO SR 4809 (JICARILLA LANE). PART ON NEW LOCATION.																											
							C	H090123-F	SR 4809 (JICARILLA LANE) TO NC 42 IN FUQUAY-VARINA.																											

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
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HIGHWAY PROGRAM

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
RURAL PROJECTS																								
NC 56	R-5707	US 15 AND NC 50 IN CREEDMOOR. REALIGN INTERSECTIONS.		5222	1660	T	C	1781	C	1781														
GRANVILLE	H090902																							
REG						UNDER CONSTRUCTION																		
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	721916	721916																			
WAKE						TRN D	INTERCHANGE WITH SR 1153 (OLD HOLLY SPRINGS-APEX ROAD). CONSTRUCT INTERCHANGE AND CONVERT SHOULDER TO AUXILIARY LANE. - DESIGN-BUILD PROJECT - UNDER CONSTRUCTION																	
NEW ROUTE (FUTURE NC 540)	R-2829	EASTERN WAKE FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION (RALEIGH OUTER LOOP), I-40 TO US 64 / US 264 BYPASS. FREEWAY ON NEW LOCATION.	10.8	665845	12945	BOND R														R	94415			
						BOND R														U	3680			
						BOND R														C	156300			
						T														C	19925	C 378580		
JOHNSTON	H129617																							
WAKE																								
SW						NORTH CAROLINA TURNPIKE AUTHORITY DESIGN-BUILD PROJECT																		
NEW ROUTE (FUTURE NC 540)	R-2721	SOUTHERN WAKE FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION (RALEIGH OUTER LOOP), NC 55 (SOUTH) TO EAST OF US 401 SOUTH. FREEWAY ON NEW LOCATION.	7.8	657683	390016	NHP	CG	6178	A	CG	6178	A	CG	6178	A	CG	6178	A	CG	6178	A	CG	24712	A
						S(M)	C	7600	A	C	7600	A	C	7600	A									
						NHP	C	7373	A	C	7373	A	C	7373	A									
						NHP	CG	6178	B	CG	6178	B	CG	6178	B	CG	6178	B	CG	6178	B	CG	24712	B
						S(M)	C	7600	B	C	7600	B	C	7600	B									
						NHP	C	8988	B	C	8988	B	C	8988	B									
WAKE	H129615					SW A	NC 55 BYPASS TO EAST OF SR 1152 (HOLLY SPRINGS ROAD). CONSTRUCT FREEWAY ON NEW LOCATION. - UNDER CONSTRUCTION																	
						SW B	EAST OF SR 1152 (HOLLY SPRINGS ROAD) TO EAST OF US 401. CONSTRUCT FREEWAY ON NEW LOCATION. - UNDER CONSTRUCTION																	
SW						COORDINATE WITH U-5746; NORTH CAROLINA TURNPIKE AUTHORITY DESIGN-BUILD PROJECT; GARVEE BOND FUNDING FOR CONSTRUCTION: PART A \$72 MILLION AND PART B \$72 MILLION - PAYBACK FY 2019-2033																		
NEW ROUTE (FUTURE NC 540)	R-2828	SOUTHERN WAKE FREEWAY / TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION (RALEIGH OUTER LOOP), EAST OF US 401 TO I-40. CONSTRUCT FREEWAY ON NEW LOCATION.	8.7	655911	386417	NHP	CG	13127		CG	13127		CG	13127		CG	13127		CG	13127		CG	52508	
						S(M)	C	16150		C	16150		C	16150										
						NHP	C	12422		C	12422		C	12422										
JOHNSTON	H129616																							
WAKE																								
SW						UNDER CONSTRUCTION; COORDINATE WITH I-5111; NORTH CAROLINA TURNPIKE AUTHORITY DESIGN-BUILD PROJECT; GARVEE BOND FUNDING: \$153 M FOR CONSTRUCTION - PAYBACK IN FY 2019-2033																		

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

HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM						UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS									
RURAL PROJECTS																										
VARIOUS	R-5785	DIVISION 5 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		2220	1720	TA	C	400																		
DURHAM			S	C	100																					
FRANKLIN																										
GRANVILLE																										
PERSON																										
VANCE																										
WAKE																										
WARREN																										
DIV						IN PROGRESS; "S" FUNDS REFLECT STATE HIGHWAY FUNDS																				
URBAN PROJECTS																										
I-440/US-1	U-2719	SOUTH OF SR 1313 (WALNUT STREET) TO NORTH OF SR 1728 (WADE AVENUE) IN RALEIGH. WIDEN FROM FOUR TO SIX LANES, IMPROVE STORAGE AT LAKE BOONE TRAIL INTERCHANGE AND INSTALL RAMP METERS.	3.5	408157	300657	B	GANY	C	107500																	
WAKE	H090358																									
SW						UNDER CONSTRUCTION																				
US 1	U-6066	NC 55 IN APEX TO US 64 IN CARY. ADD LANES.	3.1	62889	10	T												R	3000			R	3000			
			T															U	2540			U	2539			
			T																							
WAKE	H111022-C																									
SW						COORDINATE WITH U-5825																				

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

														TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM				UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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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	466970	1000	T							R	37600	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																												
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM														DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS							
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029																
URBAN PROJECTS																																
US 64 BUSINESS (NEW BERN AVENUE)	U-6095	FREEDOM DRIVE TO PATRIOT DRIVE IN RALEIGH. ADD LANE IN EASTBOUND DIRECTION.	0.1	1024	512	BGDA	R	90																								
						L	R	22																								
						BGDA	C	320																								
						L	C	80																								
WAKE																																
DIV																																
						IN PROGRESS																										
US 70 / NC 50	U-5744	SR 2026 (HAMMOND ROAD) / SR 2812 (TIMBER DRIVE) IN GARNER. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		12290	1700	T									R	2190																
						T												C	8400													
WAKE																																
REG																																
US 70	U-2823	I-540 TO HILLBURN DRIVE IN RALEIGH. ADD LANES AND CONVERT TO SUPERSTREET.	4.1	109623	3775	T															R	15667		R	15666		R	15666		R	15666	
						T																U	883									
						T																							C	10575		C
WAKE																																
SW																																
US 70 (GLENWOOD AVENUE)	U-5518	WEST OF SR 3067 (T.W. ALEXANDER DRIVE) TO I-540 IN RALEIGH. UPGRADE ROADWAY TO IMPROVE CAPACITY, SAFETY AND TRAFFIC OPERATIONS INCLUDING INTERCHANGES AT VARIOUS LOCATIONS.	2.7	219852	4832	NHP				R	14500																					
						NHP				U	12720																					
						NHP				CG	8580		CG	8580		CG	8580		CG	8580		CG	8580		CG	8580		CG	8580		CG	51480
						S(M)				C	11111		C	11111		C	11111															
						NHP				C	8589		C	8589		C	8589															
DURHAM																																
WAKE																																
SW																																
						COORDINATE WITH U-2823 AND U-5720; DESIGN BUILD PROJECT; GARVEE BOND FUNDING: \$100 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																										
US 70 BUSINESS	U-6113	GREENFIELD PARKWAY TO NC 42. UPGRADE ROADWAY TO SUPERSTREET.	7.1	56010	10	T																				R	6000		R	12000		
						T																					U	1500		U	1500	
						T																								C	35000	
JOHNSTON																																
WAKE																																
REG																																

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HF - State Dollars (Non STI)	REG - Regional Category	
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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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US 70 (MIAMI BOULEVARD)	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	281312	2000	T										R	14450	A	R	14450	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																											
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM								UNFUNDED							
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																
URBAN PROJECTS																																	
US 401	U-5748	SR 2044 (LIGON MILL ROAD) / SR 2224 (MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	0.5	55780	1300	T	PE	58		PE	58		PE	58		PE	58		PE	58		PE	58		PE	58		PE	290				
						T	RB	172		RB	172		RB	172		RB	172		RB	172		RB	172		RB	172		RB	172		RB	860	
						T	R	10977		R	10977		R	10976																			
						T	U	184		U	183		U	183																			
						T																											

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																								
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM				UNFUNDED								
						FUNDS	FY 2020	FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
URBAN PROJECTS																														
NC 54	U-5750	NC 540 TO PERIMETER PARK DRIVE IN MORRISVILLE. ADD LANES.	1.3	34245	1100	T	PE	121		PE	121		PE	121		PE	121		PE	121		PE	121		PE	121				
						T	RB	601		RB	601		RB	601		RB	601		RB	601		RB	601		RB	601				
						T	R	5179																				PE	605	
						T	U	236																				RB	3005	
						T				C	8450		C	8450																
WAKE																														
H090575-C																														
REG																														
COORDINATE WITH U-5747; BUILD NC BONDS: \$1.4 MILLION FOR PE - PAYBACK 2020-2034, \$7 MILLION FOR RIGHT-OF-WAY - PAYBACK 2019-2033																														
NC 54; SR 1635 (MCCRIMMON PARKWAY)	U-5747	SR 1635 (MCCRIMMON PARKWAY) FROM WEST OF 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	2.0	36437	1800	T	PE	143		PE	143		PE	143		PE	143		PE	143		PE	143		PE	143				
						T	R	1000	A	R	1000	A																		
						T	U	250	A	U	250	A																		
						T				C	3500	A	C	3500	A	C	3500	A												
						T	RB	86	B	RB	86	B	RB	86	B	RB	86	B	RB	86	B	RB	86	B	RB	86	B	RB	86	B
						T	R	5300	B																					
						T	U	500	B																					
						T				C	4134	B	C	4134	B	C	4134	B												
WAKE																														
H090435																														
DIV A H090435-A SR 1613 (DAVIS DRIVE) TO NORTH OF SR 1637 (CHURCH STREET) IN MORRISVILLE. WIDEN TO 4-LANE DIVIDED FACILITY. - COORDINATE WITH U-5966																														
REG B H090435-C SR 1635 (MCCRIMMON PARKWAY) IN MORRISVILLE. CONVERT AT-GRADE INTERSECTION TO GRADE SEPARATION, INCLUDING GRADE SEPARATION OF NORTH CAROLINA RAILROAD.																														
COORDINATE WITH U-5750; BUILD NC BONDS: \$1.672M FOR PE - PAYBACK 2020-2034; PART B - \$1 MILLION FOR RIGHT-OF-WAY - PAYBACK 2020-2034																														
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	69748	69748																									
WAKE																														
H090472																														
DIV																														
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	57224	4860	T					R	6024	B	R	6024	B	R	6023	B											
						T					U	93	B																	
						T													C	11400	B									
WAKE																														
REG B H090373-BB US 1 TO NORTH OF SR 1160 (OLIVE CHAPEL ROAD). CONVERT EXISTING MULTILANES TO MEDIAN DIVIDED SECTION AND WIDEN REMAINING 2-LANE SECTIONS TO MULTILANES.																														
PROJECTS U-2901AA AND AB COMPLETE																														

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## HIGHWAY PROGRAM

## CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

								TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
ROUTE/CITY		ID		TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM							UNFUNDED FUTURE YEARS
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH				FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029								
URBAN PROJECTS																								
NC 98	U-6222	CAMP KANATA RD AND NC 98 IN WAKE FOREST. IMPROVE INTERSECTION, ADD TURN LANES ON NC 98.		1222			BGDA	PE	120															
							S	PE	30															
							BGDA	R	18															
							S	R	4															
							BGDA	C	840															
							S	C	210															
WAKE																								
DIV																								
"S" FUNDING REFLECTS SPOT SAFETY PROGRAM MATCH																								
NC 210	U-6203	NC 50 TO SR 1330 (RALEIGH ROAD). UPGRADE TO SUPERSTREET.	2.1	39010	10	T																		
						T																		
						T																		
JOHNSTON	H170918																							
DIV																								
SR 1002 (AVIATION PARKWAY)	U-5811	NC 54 TO I-40 IN MORRISVILLE. WIDEN TO MULTILANES WITH INTERCHANGE MODIFICATIONS AT I-40.	2.4	36027	2000	T							R	2558										
						T							U	307										
						T									CB	1716	CB 1716							
						T									C	2711	C 2711							
WAKE	H090392																							
DIV																								
BUILD NC BONDS: \$20 MILLION FOR CONSTRUCTION - PAYBACK 2028-2042																								
SR 1010 (TEN-TEN ROAD)	U-5825	APEX PEAKWAY IN APEX TO SR 1300 (KILDARE FARM ROAD) IN CARY. WIDEN TO MULTILANES.	3.3	93765	3000	T									RB	2145								
						T									R	3913								
						T									U	384								
						T																		
WAKE																								
DIV																								
COORDINATE WITH U-6066; BUILD NC BONDS: \$25 MILLION FOR RIGHT-OF-WAY - PAYBACK 2025-2039																								
SR 1115 (AVENT FERRY ROAD)	U-5529	WEST OF SR 1101 (PINEY GROVE - WILBON ROAD) TO VILLAGE WALK DRIVE IN HOLLY SPRINGS. OPERATIONAL IMPROVEMENTS.	0.3	2410	430	BGDA	C	1584																
WAKE						L	C	396																
DIV																								
UNDER CONSTRUCTION BY TOWN OF HOLLY SPRINGS																								

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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SR 1152 (HOLLY SPRINGS ROAD) WAKE	U-6217	SR 1010 (TEN-TEN ROAD) TO SR 3977 (CARY PARKWAY). IMPROVE INTERSECTIONS AT SR 1010, SR 1379 (PENNY ROAD), AND SR 3977.	3.4	11510	10	T											R	1500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

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SW - Statewide Category

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
URBAN PROJECTS																									
SR 1624 (CARPENTER FIRE ST, RD)	U-6227	NC 55 TO CAMERON POND DR. IN CARY. WIDEN TO MULTI LANES.		5629		BGDA	R	2533																	
WAKE						L	R	3096																	
DIV																									
SR 1632 (LOUIS STEPHENS DRIVE)	U-5827	POPLAR PIKE LANE IN MORRISVILLE TO SR 2153 (LITTLE DRIVE) IN RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY ON NEW LOCATION.	0.5	8059	1519	T	PE	76		PE	76		PE	76		PE	76		PE	76		PE	76		
WAKE	H141162					T	CB	86		CB	86		CB	86		CB	86		CB	86		CB	86		
						T	C	4110																	
DIV																									
RIGHT-OF-WAY IN PROGRESS; BUILD NC BONDS: \$891,000 FOR PE - PAYBACK 2020-2034, \$1 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																									
SR 1664 (DURALEIGH ROAD)	U-6193	SR 3009 (EDWARDS MILL ROAD) IN RALEIGH.		4700		T													R	1500					
WAKE	H172307					T													U	200					
						T																			
DIV																									
SR 1728 (WADE AVENUE)	U-5936	I-40 TO I-440 IN RALEIGH. ADD LANES.	3.1	47520	500	T													R	1120					
WAKE	H140408					T													U	500					
						T																			
SW																									
SR 2000 (FALLS OF NEUSE ROAD)	U-5826	I-540 TO SR 2006 (DURANT ROAD). ADD LANES.	0.9	9935	2000	T	CB	429		CB	429		CB	429		CB	429		CB	429		CB	429		
WAKE	H140401					T	C	1500																	
DIV																									
RIGHT-OF-WAY IN PROGRESS; BUILD NC BONDS: \$5 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																									
SR 2700 (WHITE OAK RD)	U-6225	SR 2709 (ACKERMAN RD), SR 2547 (HEBRON CHURCH RD) AND SR 2700 (WHITE OAK RD) IN GARNER IMPROVE INTERSECTION. ADD MULTI-LANE ROUND ABOUT.		2155		BGDA	R	56																	
WAKE						L	R	19																	
						BGDA	C	1560																	
						L	C	520																	
DIV																									

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

## HIGHWAY PROGRAM

# CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

[illegible]

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM								UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS									
URBAN PROJECTS																										
VARIOUS	U-5118	OPERATIONAL IMPROVEMENTS FOR SAFETY AND CONGESTION MITIGATION.		17772	14022	BGDA	C	3000																		
						L	C	750																		
FRANKLIN																										
GRANVILLE																										
HARNETT																										
JOHNSTON																										
WAKE																										
DIV																										
						PLANNING, DESIGN, RIGHT-OF-WAY AND CONSTRUCTION BY OTHERS - IN PROGRESS.																				
VARIOUS	U-6022	TOWN OF FUQUAY-VARINA. CONSTRUCT TOWNWIDE ITS / SIGNAL SYSTEM.		3286	325	BGANY							U	218												
						BGANY									C	2743										
WAKE	H150789																									
REG																										
VARIOUS	U-6119	RALEIGH CITYWIDE SIGNAL SYSTEM. UPGRADE SOFTWARE FOR EXISTING ITS SYSTEM.		3750		BGANY											R	100								
						BGANY											U	100								
						BGANY																				
WAKE	H172070																							C	3550	
REG																										
VARIOUS	U-4735	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) SURFACE TRANSPORTATION BLOCK GRANT DIRECT ATTRIBUTABLE (DA) FUNDS - RESERVED FOR FUTURE PROGRAMMING.		114791		BGDA										C	1191							C	28400	
																								C	28400	
																								C	28400	
																								C	28400	
FRANKLIN																										
GRANVILLE																										
HARNETT																										
JOHNSTON																										
WAKE																										
DIV																										
VARIOUS	U-6194	GARNER CITYWIDE SIGNAL SYSTEM		2529		BGANY											R	100								
						BGANY											U	145								
						BGANY																				
WAKE	H172067																							C	2284	
DIV																										

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS								
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029													
URBAN PROJECTS																													
VARIOUS	U-6117	APEX TOWNWIDE SIGNAL SYSTEM. UPGRADE EXISTING INFRASTRUCTURE AND INSTALL NEW FIBER, CONTROLLERS, SIGNALS, AND OTHER EQUIPMENT AS NECESSARY.		2402			BGANY													R	100								
							BGANY													U	100								
							BGANY																						
WAKE	H172069																										C	2202	
REG																													
VARIOUS	U-4850	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) PLANNING (PL) SUPPLEMENT.		7089	7089																								
FRANKLIN																													
GRANVILLE																													
HARNETT																													
JOHNSTON																													
WAKE																													
DIV																													
						FORMERLY U-9999B - IN PROGRESS																							
SR 1115	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.	1.3	8991	10		T		R	1139																			
(AVENT FERRY ROAD)							T		U	137																			
							T					CB	429		CB	429		CB	429		CB	429		CB	429		CB	429	
							T					C	1270																
WAKE	H090908																												
DIV																													
						BUILD NC BONDS: \$5 MILLION FOR CONSTRUCTION - PAYBACK 2021-2035																							
SR 1010	U-6216	NC 42 TO SR 1555 (BARBER MILL ROAD). WIDEN TO MULTI-LANES.	5.1	44030			T														R	7000							
(CLEVELAND ROAD)							T														U	1000							
							T																			CB	2402		
JOHNSTON	H170716																										CB	33628	
DIV																													
						BUILD NC BOND FUNDING \$28 MILLION FOR CONSTRUCTION PAYBACK 2029 - 2043																							
SR 1650	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	9561	1869		BGDA		C	4526																			
(REEDY CREEK ROAD)							L		C	3166																			
WAKE																													
DIV																													
						UNDER CONSTRUCTION BY TOWN OF CARY																							

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS			
URBAN PROJECTS																				
SR 2542 (ROCK QUARRY ROAD) WAKE	U-6093	OLDE BIRCH ROAD TO SR 2544 (SUNNYBROOK ROAD) IN RALEIGH. WIDEN TO 4-LANE DIVIDED FACILITY.	0.8	14183	14183															
DIV						IN PROGRESS														
SR 1930 (STADIUM DRIVE) SR 1933 (WEST NORTH AVENUE) WAKE	U-5515	SR 1930 (STADIUM DRIVE), US 1 TO SR 1954 (NORTH WINGATE STREET) IN WAKE FOREST. COMPLETE STREETS IMPROVEMENTS TO INCLUDE: WIDEN TO THREE-LANE CURB AND GUTTER SECTION, CONSTRUCT SIDEWALK, MULTIUSE PATH, BICYCLE LANES, AND PEDESTRIAN / TRANSIT AMENITIES.	1.3	8251	8251															
DIV						UNDER CONSTRUCTION BY TOWN OF WAKE FOREST														
APEX PEAKWAY WAKE	U-5928	JAMES STREET TO TOWHEE DRIVE. CONSTRUCT GRADE SEPARATED INTERCHANGE FOR APEX PEAKWAY AT SOUTH SALEM STREET AND CSX RR.	0.3	12500	12500															
DIV						IN PROGRESS														
SR 3014 (MORRISVILLE- CARPENTER ROAD) WAKE	U-5618	SR 1613 (DAVIS DRIVE) TO WEST OF NC 54 IN MORRISVILLE. WIDEN TO 4-LANE DIVIDED FACILITY.	1.3	8159	8159															
DIV						UNDER CONSTRUCTION BY TOWN OF MORRISVILLE														
CLAYTON	U-5943	CLAYTON SIGNAL SYSTEM.	6.2	2533	328	BGANY								U	120					
						BGANY								R	100					
						BGANY														
JOHNSTON	H150788																			
REG																				
MCCRIMMON PARKWAY WAKE	U-5828  H090435	SR 3015 (AIRPORT BOULEVARD) TO SR 1002 (AVIATION PARKWAY) IN MORRISVILLE. WIDEN TO MULTILANES, PART ON NEW LOCATION.	1.4	15262	15262															
DIV						UNDER CONSTRUCTION														

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM								UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS														
URBAN PROJECTS																															
MORRISVILLE PARKWAY EXTENSION WAKE	U-5315	SR 1600 / SR 1625 (GREEN LEVEL CHURCH ROAD) TO EAST OF NC 55 IN CARY. MULTILANE FACILITY ON NEW LOCATION, INCLUDING INTERCHANGE AT NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY).	1.8	27649	19749	L																							C	7900	C
						DIV	A	WEST OF HIGHCROFT DRIVE TO EAST OF MILLS PARK DRIVE IN CARY. CONSTRUCT 2-LANE FACILITY ON 4-LANE RIGHT OF WAY. - UNDER CONSTRUCTION																							
						DIV	B	NC 540 (TRIANGLE EXPRESSWAY / WESTERN WAKE FREEWAY). CONSTRUCT INTERCHANGE. - UNDER CONSTRUCTION																							
						C	SR 1600 / SR 1625 (GREEN LEVEL CHURCH ROAD) TO EAST OF NC 55 IN CARY. WIDEN TO 4 LANES WITH LANDSCAPED MEDIAN.																								
						PART C CONSTRUCTION BY TOWN OF CARY																									
NORTH JUDD PARKWAY WAKE	U-5317	NC 55 (NORTH BROAD STREET) TO NC 42 (WEST ACADEMY STREET) IN FUQUAY-VARINA, WAKE COUNTY. MULTILANE FACILITY ON NEW LOCATION.	2.3	25112	25112																										
DIV						UNDER CONSTRUCTION BY TOWN OF FUQUAY-VARINA																									
SR 5220 (JONES SAUSAGE ROAD) WAKE	U-6099	SR 1004 (EAST GARNER ROAD) TO I-40 IN GARNER. WIDEN ROADWAY FROM SOUTH OF SR 2585 (WILMINGTON ROAD) TO I-40, INCLUDING ACCESS POINT IMPROVEMENTS, AND CONSTRUCT IMPROVEMENTS AT SR 1004 INTERSECTION AND I-40 INTERCHANGE.	1.0	5100	5100																										
DIV						UNDER CONSTRUCTION; ECONOMIC DEVELOPMENT PROJECT																									
WEST STREET WAKE	U-5521	CABARRUS STREET TO MARTIN STREET IN RALEIGH. EXTEND WEST STREET ON NEW LOCATION, WITH GRADE SEPARATION AT NORTH CAROLINA RAILROAD / NORFOLK SOUTHERN "H" LINE.	0.2																												
DIV						PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY BY CITY OF RALEIGH - IN PROGRESS																									
BRIDGE PROJECTS																															
US 70/US 401/NC 50 (CAPITAL BOULEVARD) WAKE	B-5121	REPLACE BRIDGE 910227 OVER PEACE STREET AND BRIDGE 910213 OVER US 401 (CAPITAL BOULEVARD) IN RALEIGH AND REVISE INTERCHANGE AT PEACE STREET.		87843	87843																										
REG						UNDER CONSTRUCTION; PARTICIPATION BY CITY OF RALEIGH; INCLUDES B-5317																									
US 70 WESTBOUND / NC 50 NORTHBOUND WAKE	B-5317	REPLACE BRIDGE 910213 OVER US 401 (CAPITAL BOULEVARD) IN RALEIGH.																													
REG						SCOPE AND COST INCLUDED IN B-5121																									

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS					
BRIDGE PROJECTS																						
US 401 (CAPITAL BOULEVARD) WAKE  REG	B-5684	REPLACE BRIDGE 910146 OVER CRABTREE CREEK IN RALEIGH.		9137	100	NHPB				R	430											
						NHPB						C	8607									
US 401  WAKE  REG	B-5987	REPLACE BRIDGES 910115 AND 910117 OVER NORFOLK SOUTHERN RAILROAD AND AN UNNAMED CREEK.		12910	110	NHPB	R	640														
						NHPB	U	640														
						NHPB						C	11520									
NC 231  WAKE  REG	B-5986	REPLACE BRIDGE 910034 OVER NORFOLK SOUTHERN RAILROAD IN WENDELL.		3385	110	T	R	164														
						T	U	163														
						T				C	2948											
SR 1399 (ZACK'S MILL ROAD) JOHNSTON  DIV	B-5997	REPLACE BRIDGE 500277 OVER POLECAT BRANCH.		935	935																	
SR 1555 (BARBOUR MILL ROAD) JOHNSTON  HF	B-5664	REPLACE BRIDGE 500145 OVER SWIFT CREEK.		4946	4946																	
SR 1609 (BAPTIST CHURCH ROAD) FRANKLIN  DIV	B-6003	REPLACE BRIDGE 340078 OVER TAR RIVER		4655	200	BGOFF				R	405											
						BGOFF				C	4050											

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM														DEVELOPMENTAL PROGRAM								UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS												
BRIDGE PROJECTS																													
SR 2044 (LIGON MILL ROAD)	B-5318	REPLACE BRIDGE 910126 OVER SMITHS CREEK IN WAKE FOREST.		6254	100	BGOFF	R	180																					
						BGOFF	U	1124																					
						BGOFF				C	2425		C	2425															
WAKE																													
DIV																													
SR 2555 (RAYNOR ROAD)	B-5326	REPLACE BRIDGE 910247 OVER WHITE OAK CREEK IN GARNER.		5552	652	BGOFF	C	2450		C	2450																		
WAKE																													
DIV																													
						RIGHT-OF-WAY IN PROGRESS																							
SR 1321 (AVENT FERRY ROAD)	B-5130	REPLACE BRIDGE 910318 OVER LAKE JOHNSON IN RALEIGH.		4857	489	BGANY						CG	214		CG	214		CG	214		CG	214		CG	214		CG	1506	
						S(M)						C	833																
						BGANY						C	317																
WAKE																													
DIV																													
						RIGHT-OF-WAY IN PROGRESS; GARVEE BOND FUNDING: \$2.5 MILLION FOR CONSTRUCTION - PAYBACK 2022-2035																							
SR 1006 (OLD STAGE ROAD)	B-4655	REPLACE BRIDGE 910277 OVER BLACK CREEK.		1498	1498																								
WAKE																													
HF																													
						UNDER CONSTRUCTION																							
SR 2703 (NEW BETHEL CHURCH ROAD)	B-5237	REPLACE BRIDGE 910248 OVER MAHLER'S CREEK IN GARNER.		2917	2917																								
WAKE																													
DIV																													
						UNDER CONSTRUCTION																							
SR 1630 (GREEN LEVEL CHURCH ROAD)	B-5673	REPLACE BRIDGE 910061 OVER KIT CREEK IN CARY.		1440		BGOFF	R	130																					
						BGOFF				C	1310																		
WAKE																													
DIV																													

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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SR 1162 (APEX BARBECUE ROAD) WAKE	B-5161	REPLACE BRIDGE 910362 OVER BEAVER CREEK IN APEX.		4056	4056																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SR 1234 (LEAFLET CHURCH ROAD) HARNETT	B-5414	REPLACE BRIDGE 420195 OVER BRANCH OF UPPER LITTLE RIVER.		1075	1075																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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NC 56 GRANVILLE	C-5166	GREENWAY IN CREEDMOOR. CONSTRUCT BIKE-PEDESTRIAN TRAIL SYSTEM.		6498	6498																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SR 1615 (HIGH HOUSE ROAD) WAKE	C-5165	SR 3112 (CARY PARKWAY) IN CARY. INTERSECTION IMPROVEMENTS.		4408	4408																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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VARIOUS	C-5604	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE CAPITAL AREA MPO.		18189	13515	CMAQ	PE	317																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS				
CONGESTION MITIGATION PROJECTS																					
CRABTREE CREEK GREENWAY WAKE	C-5168	CONSTRUCT GREENWAY CONNECTING EXISTING GREENWAY IN CARY THROUGH MORRISVILLE, INCLUDING REPLACEMENT OF TRAIN TRESTLE.		4247	4247																
EX						UNDER CONSTRUCTION BY TOWN OF MORRISVILLE															
EAST LYON STATION GREENWAY	C-5567	TOWN OF BUTNER GREENWAY EXTENSION. CONSTRUCT MULTI-USE PATH.		250	35	CMAQ	R	28													
						L	R	7													
						CMAQ			C	144											
						L			C	36											
GRANVILLE																					
EX																					
TRIANGLE J COUNCIL OF GOVERNMENTS DURHAM ORANGE WAKE	C-4924	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN TRIANGLE OZONE NON- ATTAINMENT AREA.		8400	8400																
						EX	A	TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN CAPITAL AREA MPO (CAMPO) - IN PROGRESS													
						EX	B	TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN DURHAM-CHAPEL HILL-CARRBORO (DCHC) - IN PROGRESS													
EX																					
HIGHWAY SAFETY PROJECTS																					
SR 1656 (TRINITY ROAD) WAKE	W-5522	SR 1658 (YOUTH CENTER DRIVE) INTERSECTION IN RALEIGH. CONSTRUCT PEDESTRIAN TUNNEL UNDER SR 1656 (TRINITY ROAD).		5637	5637																
DIV						UNDER CONSTRUCTION															
VARIOUS DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	W-5205	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		10184	10184																
						DIV	DIV	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS - DIVISION NEEDS CATEGORY													
						REG	REG	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS - REGIONAL IMPACT CATEGORY													
						UNDER CONSTRUCTION															

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HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																												
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM																DEVELOPMENTAL PROGRAM								UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																	
HIGHWAY SAFETY PROJECTS																																		
VARIOUS	W-5705	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 5.		6578	5878	HSIP	R	30	DIV																									
			HSIP	C	180	DIV																												
			HSIP	R	30	REG																												
			HSIP	C	180	REG																												
			HSIP	R	40	SW																												
			HSIP	C	240	SW																												
DURHAM						DIV	DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.																										
FRANKLIN						REG	REG	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.																										
GRANVILLE						SW	SW	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.																										
PERSON																																		
VANCE																																		
WAKE																																		
WARREN																																		
IN PROGRESS																																		
MITIGATION PROJECTS																																		
VARIOUS	EE-4905	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 5 PROJECT MITIGATION.		20302	20302																													
DURHAM																																		
FRANKLIN																																		
GRANVILLE																																		
PERSON																																		
VANCE																																		
WAKE																																		
WARREN																																		
IN PROGRESS																																		

NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
ROUTE/CITY	ID			TOTAL PROJ COST	PRIOR YEARS COST		DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED	
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS	
FREIGHT RAIL PROJECTS																		
CSX	M-0509	EXTEND CAPITAL YARD LEAD TRACKS IN RALEIGH TO REMOVE FREIGHT CONFLICTS.		5696	5696													
WAKE																		
EX						UNDER CONSTRUCTION												
BICYCLE AND PEDESTRIAN PROJECTS																		

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non-STI)
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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
BICYCLE AND PEDESTRIAN PROJECTS																									
VARIOUS	U-5530	CAPITAL AREA MPO: BICYCLE, PEDESTRIAN, TRANSIT, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS.		13480	9980	TADA	C	800																	
			L	C	200																				
			BGDA	C	2000																				
			L	C	500																				
FRANKLIN																									
GRANVILLE																									
HARNETT																									
JOHNSTON																									
WAKE																									
DIV																									
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 C		36062	31776	O																			
PIEDMONT CORRIDOR			O																						
DURHAM							A																		
WAKE							TRN B																		
						C																			
						D																			
						SR 1978 (HOPSON ROAD), EAST OF SR 1999 (DAVIS DRIVE) TO NC 54, WIDEN TO MULTILANES																			
PASSENGER RAIL PROJECTS																									
VARIOUS	P-4405	PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.		10291	10291																				
ALAMANCE																									
CABARRUS																									
DAVIDSON																									
DURHAM																									
GUILFORD																									
MECKLENBURG																									
ORANGE																									
ROWAN																									
WAKE																									
						IN PROGRESS																			
CSX	P-5720	CROSSING 630601X AT SR 2006 (DURANT ROAD) IN RALEIGH. CONSTRUCT GRADE SEPARATION.		14595	3795	T	C	516		C	4902		C	4902											
WAKE	R150049		O	C	480																				
						RIGHT-OF-WAY IN PROGRESS; COORDINATE WITH U-5307; "O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION																			

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
PASSENGER RAIL PROJECTS																							
CSX	P-5715	CROSSING 630607N AT NEW HOPE CHURCH ROAD IN RALEIGH. CONSTRUCT GRADE SEPARATION.		17545	4646	T	C	618	C	3916	C	3915	C	3915									
WAKE	R150714					O	C	535															
REG						RIGHT-OF-WAY IN PROGRESS; "O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION																	
CSX	P-5718	CROSSING 643351A AT SR 1415 (NORTHEAST MAYNARD ROAD) IN CARY. CONSTRUCT GRADE SEPARATION.		38000		T					R	7100	R	7100									
WAKE	R150273					T										C	22610						
															C	1190							
REG						"O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION; TO BE LET WITH P-5734																	
NORTH CAROLINA RAILROAD / NORFOLK SOUTHERN H LINE / CSX S LINE	P-5734	SR 1655 (TRINITY ROAD) IN CARY. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 630657S.		40700	3000	T					R	10500	R	10500									
WAKE	R150272					T										C	5289	C	5288				
															C	835							
SW						TO BE LET WITH P-5718																	
CSX S LINE	P-5707	CONSTRUCT GRADE SEPARATION AT ROGERS ROAD EXTENSION CROSSING (633905Y) IN WAKE FOREST.		26390	3290	T			C	1155	C	7315	C	7315	C	7315							
WAKE	R140025																						
REG						RIGHT-OF-WAY IN PROGRESS																	
CSX S LINE	P-5739	SR 1415 (WEST MAYNARD ROAD) IN CARY. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 643400U.		18040	1440	T																	
WAKE	R171528					T																	
SW						"O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION																	
CSX S LINE	P-5737	SR 2108 (MILLBROOK ROAD) IN RALEIGH. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 630605A.		19930	1100	T	R	3700															
WAKE	R150279					DP			C	10000													
									C	2310	C	2310											
									C	510													
SW						"DP" FUNDING REFLECTS CONSOLIDATED RAIL INFRASTRUCTURE AND SAFETY IMPROVEMENTS (CRISI) PROGRAM AWARD; "O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION																	

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS												
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PASSENGER RAIL PROJECTS																
CSX S-LINE	P-5753	CSX S-LINE FROM RALEIGH TO VIRGINIA	50.0													
CSX SA-LINE		STATE LINE AND CSX SA-LINE FROM														
FRANKLIN		RALEIGH TO WELDON. AQUIRE RIGHT OF														
HALIFAX		WAY, UPGRADE EXISTING TRACK AND														
VANCE		CONSTRUCT NEW TRACK.														
WAKE																
WARREN																
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY																
CSXT RR	P-5005	CONGESTION MITIGATION CROSSOVERS.		26561	26561											
EDGECOMBE						TRN	A									
HALIFAX						TRN	B									
NASH						TRN	C									
WAKE						TRN	D									
IN PROGRESS																
NCRR	P-5500	RALEIGH UNION STATION PROJECT - PHASE		39875	39875											
WAKE		I. CONSTRUCT RALEIGH TRAIN STATION AND				A										
		ASSOCIATED RAIL TRACK AND SIDING				TRN	B									
		IMPROVEMENTS TO INCREASE PASSENGER				TRN	C									
		AND FREIGHT CAPACITY.														
DP FUNDS - FEDERAL TIGER GRANT; O FUNDS - STATE LEGISLATIVE ALLOCATION FOR RAIL; PROJECT INCLUDES IN-KIND PROPERTY CONTRIBUTION BY TRIANGLE TRANSIT (CONTINGENT ON TT BOARD OF TRUSTEES APPROVAL) - 4 PARCELS TOTALING 3.5 ACRES WITH TAX VALUE OF \$2.9 MILLION																
TRN																
NCRR	P-5719	PURCHASE AND REFURBISH RAIL CARS FOR		45277	45277											
ALAMANCE	R150274	PIEDMONT SERVICE EXPANSION.				EX	A									
CABARRUS						EX	B									
DAVIDSON						REG	C									
DURHAM																
GUILFORD																
MECKLENBURG																
ORANGE																
RANDOLPH																
ROWAN																
WAKE																

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
PASSENGER RAIL PROJECTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NORFOLK SOUTHERN H LINE	P-5708	CONSTRUCT GRADE SEPARATION AT HARRISON AVENUE CROSSING (734755X) IN CARY.		22600		T												R	3000		R	3000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED
				FY 2020	FY 2021		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
PASSENGER RAIL PROJECTS																					
PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.		174422	174422																
ALAMANCE						A															
CABARRUS						B															
DAVIDSON						C															
DURHAM						D															
GUILFORD						E															
MECKLENBURG						F															
ORANGE						G															
RANDOLPH						H															
ROWAN						I															
WAKE																					
EX																					
BICYCLE AND PEDESTRIAN PROJECTS																					
US 15	EB-5513	SR 1110 IWEST HILLSBORO STREET) TO NC 56 IN CREEDMOOR. CONSTRUCT SIDEWALK / PATH.	0.7	875	875																
GRANVILLE																					
TRN																					
UNDER CONSTRUCTION BY CITY OF CREEDMOOR; LET WITH C-5166A AND C-5166B																					
NC 55	EB-5895	SR 1301 (SUNSET LAKE ROAD) TO NC 55 IN HOLLY SPRINGS. CONSTRUCT SIDEWALK.	0.9	600	100	TAANY	C	400													
(EAST WILLIAMS STREET)						L	C	100													
WAKE	B150665																				
DIV																					
RIGHT-OF-WAY IN PROGRESS																					
SR 1012	EB-5718	CONSTRUCT BICYCLE / PEDESTRIAN TUNNEL IMMEDIATELY WEST OF SR 1321 (AVENT FERRY ROAD) IN RALEIGH.		5000	1000	TAANY							C	3200							
(WESTERN BOULEVARD)						L							C	800							
WAKE	B141188																				
DIV																					
COORDINATE WITH B-5675 (NON-STIP PROJECT) AND TO-6166																					
SR 1306	EB-6019	APEX COMMUNITY PARK AND NORTH SALEM STREET IN APEX. IMRPOVE SAFETY OF PEDESTRIAN CROSSING.		554		BGDA	C	388													
(LAURA DUNCAN ROAD)						L	C	166													
WAKE																					
DIV																					

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NON-HIGHWAY PROGRAM

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS													
BICYCLE AND PEDESTRIAN PROJECTS																														
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			TAANY	PE	42																					
							L	PE	10																					
							TAANY							C	238															
							L							C	60															
WAKE	B150628																													
DIV																														
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	300		TAANY							C	1360															
							L							C	340															
WAKE	B150629																													
DIV																														
SR 3015 (AIRPORT BOULEVARD)	EB-5814	MCCRIMMON PARKWAY TO FACTORY SHOPPES ROAD IN MORRISVILLE. CONSTRUCT SIDEWALK.		325	65		TAANY	C	208																					
							L	C	52																					
WAKE	B141383																													
DIV																														
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	1000	1000																									
WAKE	B141259																													
DIV																														
						IN PROGRESS																								
BLACK CREEK GREENWAY	EB-5894	PHASES I, II AND V, WEST DYNASTY DRIVE TO OLD REEDY CREEK ROAD IN CARY. CONSTRUCT GREENWAY.	2.7	5010	10		TAANY					C	4000																	
							L					C	1000																	
WAKE	B150598																													
DIV																														
SR 3014 (MORRISVILLE- CARPENTER ROAD)	EB-5839	TOWN HALL DRIVE TO MISTY GROVES CIRCLE IN MORRISVILLE. CONSTRUCT SIDEWALK ON SOUTH SIDE.	0.2	500	75		TAANY							C	340															
							L							C	85															
WAKE	B150624																													
DIV																														

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NON-HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED									
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS													
BICYCLE AND PEDESTRIAN PROJECTS																														
EAST CLAYTON CONNECTOR GREENWAY	EB-6016	SR 2851 (EAST FRONT STREET) TO SR 1902 (GLEN LAUREL ROAD). CONSTRUCT GREENWAY.	1.1	1510		L													PE	52										
						TAANY														PE	206									
						L																								
						TAANY																								
						L																								
JOHNSTON	B171999					TAANY																								
DIV																														
BEAVER CREEK GREENWAY EXTENSION WAKE	EB-6021	KELLY ROAD PARK TO APEX NATURE PARK IN APEX. GREENWAY EXTENSION. REALIGN ADJACENT SEGMENT OF EXISTING BEAVER CREEK GREENWAY.		6565		TADA	C	1053																						
						L	C	5512																						
DIV																														
MOUNTAINS TO SEA TRAIL	EB-6017	FOX RIDGE ROAD TO NEUSE RIVER BRIDGE. CONSTRUCT GREENWAY.	0.5	497		L																								
						TAANY																								
						L																								
						TAANY																								
JOHNSTON	B171998																													
DIV																														
SR 1501 (JUNNY ROAC NORTH WILLOW STREET; WEST LILLINGTON STREET WAKE	EB-6020	NORTH WILLOW STREET, EAST JULIA STREET TO JUNNY ROAD; JUNNY ROAD, EAST JULIA STREET TO GLEN MEADOW DRIVE; AND WEST LILLINGTON STREET, SOUTH PARK STREET TO NC 210, IN ANGIER. CONSTRUCT SIDEWALK EXTENSIONS.		1782		BGDA	PE	140																						
						L	PE	35																						
						BGDA	R	120																						
						L	R	30																						
						BGDA	C	1166																						
						L	C	291																						
DIV																														
FREIGHT RAIL PROJECTS																														
FAYETTEVILLE STREE (SR 2513) WAKE	Y-4805F	FAYETTEVILLE STREET AND THE CAROLINA COASTAL RAILWAY TRACKS CROSSING CLOSURE IN KNIGHTDALE.		1600		RR	C	1600																						
DIV																														
AVIATION PROJECTS																														

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NON-HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS				
AVIATION PROJECTS																					
RALEIGH DURHAM INTERNATIONAL AIRPORT (RDU)	AV-5700	RECONSTRUCT RUNWAY 5L-23R.		100000		O	C	99500													
WAKE	A130117					T	C	500													
SW																					
TRIANGLE NORTH EXECUTIVE AIRPORT (LHZ)	AV-5819	CONSTRUCT RUNWAY EXTENSION, TO INCLUDE RELOCATION OF UTILITIES, NAVAID AND ROADWAYS.		12200		T				R	530										
FRANKLIN	A130115					T						C	11670								
DIV																					
BICYCLE AND PEDESTRIAN PROJECTS																					
VARIOUS	EL-5100	PEDESTRIAN, BICYCLE, AND TRANSIT PROJECTS IN THE CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO).		22332	22332																
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE																					
DIV																					
VARIOUS	TD-5307	TRIANGLE TOWN CENTER. CONSTRUCT TRANSIT CENTER AND PARK-AND-RIDE FACILITY.		3850	350	T												C	875		C 875
GO RALEIGH						O												C	875		C 875
WAKE	T172244					L															
WAKE																					
DIV																					
VARIOUS		TRIANGLE TOWN CENTER. CONSTRUCT TRANSIT CENTER AND PARK-AND-RIDE FACILITY.		3850	350	T												C	875		C 875
GO RALEIGH						O												C	875		C 875
WAKE	T172244					L															
WAKE																					
DIV																					

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED														
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																		
BICYCLE AND PEDESTRIAN PROJECTS																																			
VARIOUS	TO-6166	BUS RAPID TRANSIT SERVICE, MORRISVILLE TO CLAYTON. CONSTRUCT INFRASTRUCTURE, PURCHASE VEHICLES, AND ESTABLISH SERVICE.		115001		T											R	5100		R	5100														
						L														R	900		R	900											
						T															U	1417		U	1417										
						L															U	250		U	250										
						T																													
						L																													
JOHNSTON WAKE	T171930																																		
REG																																			
CAPITAL AREA TRANSIT WAKE	TQ9037	5310 Administration		295	230	FEPD	AD	65																											
SD																																			
						FUNDS AUTHORIZED IN PROGRESS																													
CAPITAL AREA TRANSIT WAKE	TA-4903	REPLACEMENT BUS		5678	5678	FBUS																													
						L																													
						S																													
SD																																			
CAPITAL AREA TRANSIT WAKE	TA-5140	BUS REPLACEMENT		15200	12910	FUZ	CP	1750																											
						L																													
						L		270																											
						S																													
						S		270																											
SD																																			
						FUNDS AUTHORIZED IN PROGRESS																													
CAPITAL AREA TRANSIT WAKE	TA-5202	ADA EXPANSION BUS		3800	2944	FBUS	CP	240																											
						FUZ	CP	240																											
						L	CP	376																											
SD																																			
						FUNDS AUTHORIZED IN PROGRESS																													

NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
BICYCLE AND PEDESTRIAN PROJECTS																							
CAPITAL AREA TRANSIT	TA-4903A	PURCHASE REPLACEMENT HYBRID BUSES		11452	10326	CMAQ																	
						FUZ	CP	900															
						L	CP	113															
						S	CP	113															
WAKE																							
SD																							
CAPITAL AREA TRANSIT	TD-5116	FACILITY - PARK & RIDE - POOLE ROAD		7389	7389	FUZ																	
						L																	
						S																	
WAKE																							
SD																							
CAPITAL AREA TRANSIT	TD-5304	BUS STOP IMPROVEMENTS		1095	1095	FUZ																	
						L																	
WAKE																							
SD																							
CAPITAL AREA TRANSIT	TG-6791	Capital Cost of Contracting		1600	1600	FUZ																	
						L																	
WAKE																							
SD																							
CAPITAL AREA TRANSIT	TG-4792B	ADA PARATRANSIT SERVICE		8227	7102	FUZ	O	900															
						L	O	225															
WAKE																							
SD																							
FUNDS AUTHORIZED IN PROGRESS																							
CAPITAL AREA TRANSIT	TO-5128	OPERATING ASSISTANCE		40308	28308	SMAP	O	3000		O	3000		O	3000		O	3000						
WAKE																							
SD																							
FUNDS AUTHORIZED IN PROGRESS																							
CAPITAL AREA TRANSIT	TP-5100A	PLANNING ASSISTANCE - 5303		5575	3703	FMPL	PL	375		PL	375		PL	375		PL	375						
						L	PL	47		PL	47		PL	47		PL	47						
						S	PL	46		PL	46		PL	46		PL	46						
WAKE																							
SD																							
FUNDS AUTHORIZED IN PROGRESS																							

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NON-HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM								UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
BICYCLE AND PEDESTRIAN PROJECTS																											
CAPITAL AREA TRANSIT	TP-5100B	PLANNING ASSISTANCE - 5307	7106	5106	FUZ	PL	400		PL	400		PL	400		PL	400											
					L	PL	50		PL	50		PL	50		PL	50											
					S	PL	50		PL	50		PL	50		PL	50											
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CAPITAL AREA TRANSIT	TQ-6953	5310 Operating	2972	2372	FEPD	O	300																				
					L	O	300																				
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CAPITAL AREA TRANSIT	TQ-9037	5310 Capital	2301	1832	FEPD	CP	375																				
					L	CP	94																				
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CAPITAL AREA TRANSIT	TQ-7006	5310 Admin.	295	230	FEPD	AD	65																				
WAKE																											
SD																											
CAPITAL AREA TRANSIT	TS-5104	SAFETY & SECURITY - MIN. 1% SET ASIDE	1208	784	FUZ	CP	85		CP	85		CP	85		CP	85											
					L	CP	21		CP	21		CP	21		CP	21											
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CAPITAL AREA TRANSIT	TT-6108	Transit Signal Priority Project	1250	1250	CMAQ																						
					L																						
WAKE																											
SD																											
CAPITAL AREA TRANSIT	TD-5305	DOWNTOWN CARY MULTI-MODAL FACILITY	2500	2500	L																						
					STBGDA																						
WAKE																											
SD																											

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
BICYCLE AND PEDESTRIAN PROJECTS																											
CARY TRANSIT/C-TRA	TG-4806	PREVENTIVE MAINTENANCE, BUS FACILITIES, SUPPORT EQUIPMENT, AND SOFTWARE		3395	2780	FBUS	CP	190																			
						FUZ	CP	300																			
						L	CP	125																			
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CARY TRANSIT/C-TRA	TG-4935A	ROUTINE CAPITAL - COST OF CONTRACTING		78490	44215	FBUS	O	190																			
						FUZ	O	2000		O	2000		O	2200		O	2200		O	2300							
						L	O	3485		O	3520		O	3520		O	3520		O	3620							
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CARY TRANSIT/C-TRA	TO-5129	OPERATING ASSISTANCE		3726	2276	FUZ	O	50																			
						L	O	50																			
						SMAP	O	210		O	220		O	220		O	230		O	230		O	240				
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CARY TRANSIT/C-TRA	TP-5112	PLANNING ASSISTANCE		2989	1153	FNU																					
						FUZ	PL	230		PL	240		PL	250		PL	260		PL	270		PL	280				
						L	PL	46		PL	48		PL	50		PL	52		PL	54		PL	56				
						S																					
WAKE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
CARY TRANSIT / C-TRAN	TD-5264B	CONSTRUCT BUS MAINTENANCE FACILITY AT TOWERVIEW COURT IN CARY.		7088	88	FEDT	C	5600																			
						T	C	700																			
						L	C	700																			
WAKE																											
DIV																											
GO RALEIGH	TA-5186	SIX EXPANSION BUSES FOR ADDING ROUTE EXPANSION SERVICE.		2610	2610																						
WAKE																											
DIV																											
						ACQUISITION IN PROGRESS BY GO RALEIGH																					

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		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																				
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS					
BICYCLE AND PEDESTRIAN PROJECTS																						
GO RALEIGH	TD-5309	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOP SITES IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE PE		752		L	PE	151														
WAKE						STBGDA	PE	601														
SD																						
GO RALEIGH	TD-5308	CONSTRUCT COORDINATED ADA FACILITY		350	350	L																
WAKE																						
SD																						
GO RALEIGH	TD-5272	SOUTH WILMINGTON STREET AT PECAN ROAD IN RALEIGH. CONSTRUCT OFF- STREET TRANSFER FACILITY.																				
TRANSIT																						
WAKE	T141691																					
DIV																						
						UNDER CONSTRUCTION BY GO RALEIGH																
GO RALEIGH	TD-5309A	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOPS IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE ROW		250		FUZ	R	200														
WAKE						L	R	50														
SD																						
GO RALEIGH	TD-5309B	DESIGN, RIGHT OF WAY, AND CONSTRUCTION OF UP TO 100 NEW BUS STOP SIGHTS IN THE CITY OF RALEIGH. SITES WILL BE BUILT FOR ADA ACCESSIBILITY AS WELL AS PASSENGER AMENITIES WHEN APPROPRIATE. PHASE CON		1500		L	C	300														
WAKE						STBGDA	C	1200														
SD																						
GO RALEIGH	TG-6806	ADP HARDWARE/SOFTWARE		325	325	FUZ																
WAKE						L																
SD																						
GO RALEIGH	TG-6807	CAPITAL COST OF CONTRACTING		5750	5750	FUZ																
WAKE						L																
SD																						

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

NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
BICYCLE AND PEDESTRIAN PROJECTS																							
GO RALEIGH WAKE	TP-5160	ALTERNATIVES REFINEMENT AND PROJECT DEVELOPMENT		5658	4316	L	PL	322	PL	1020													
SD																							
GO TRIANGLE WAKE	TD-5306	CONSTRUCT REGIONAL TRANSIT CENTER		313	313	L																	
SD																							
GO TRIANGLE WAKE	TD-5269	UNION STATION IN RALEIGH. CONSTRUCT BUS COMPONENT.		50720		DP											C	20000					
						T											C	2215		C	2215		
						O											C	21860					
WAKE	T142099																						
DIV																							
"O" FUNDING REFLECTS WAKE COUNTY TAX DISTRICT FUNDS AND GO TRIANGLE FUNDS; "DP" FUNDING REFLECTS "BUILD" DISCRETIONARY AWARD																							
GO TRIANGLE WAKE	TD-5293 T130031	INTERSECTION OF SR 2298 (EDENTON STREET) AND NORTH SALISBURY STREET IN RALEIGH. CONSTRUCT BUS STOP SHELTER.		44	44																		
REG																							
UNDER CONSTRUCTION BY GO TRIANGLE																							
GO TRIANGLE TRANSIT TRIANGLE TRANSIT AUTHORITY WAKE WAKE	TD-5285    T150813	EXPAND EXISTING GARAGE FACILITY IN MORRISVILLE.		30600	30600	FUZ																	
						L																	
						T																	
REG																							
IN PROGRESS																							
GOTRIANGLE TRANSIT TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE	TA-6669   T150454	PURCHASE EXPANSION VEHICLES FOR CRX ROUTE.		4862	4862	FUZ																	
						L																	
						T																	
REG																							
IN ACQUISITION																							

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029						
BICYCLE AND PEDESTRIAN PROJECTS																						
GOTRIANGLE TRANSIT TRIANGLE TRANSIT AUTHORITY	TD-5287	PARK AND RIDE LOT AT SR 1774 (DISTRICT DRIVE). ADD SPACES, IMPROVE LIGHTING AND CONSTRUCT SHELTERS.		1440	1440	FUZ																
WAKE	T150812		L																			
WAKE			T																			
REG						IN PROGRESS																
GoTriangle	TD-5300	Raleigh Union Station Phase II: RUS Bus.		44620	44620	BUILD																
WAKE						L																
SD						FUNDS AUTHORIZED IN PROGRESS																
JOHNSTON COUNTY EXPANSION VEHICLE	TA-6720	PURCHASE EXPANSION VEHICLES.		330		FNU																
JOHNSTON	T170682					L																
						T																
DIV																						
THE ARC OF WAKE COUNTY	TA-6524	CAPITAL		47	47	FEPD																
WAKE						L																
						S																
SD																						
THE ARC OF WAKE COUNTY	TQ-6162	MOBILITY MANAGEMENT		19	19	FEPD																
WAKE						L																
						S																
SD																						
THE ARC OF WAKE COUNTY	TQ-6802	OPERATING		10	10	FEPD																
WAKE						L																
SD																						
THE ARC OF WAKE COUNTY	TQ-6161	OPERATING ASSISTANCE		14	14	FEPD																
WAKE						L																
SD																						

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																							
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED						
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
BICYCLE AND PEDESTRIAN PROJECTS																											
THE ARC OF WAKE COUNTY	TQ-9005	CAPITAL - PURCHASE OF SERVICE		56	56	FE																					
						L																					
						S																					
WAKE																											
SD																											
GO RALEIGH	TD-4912	US 64 BUSINESS (NEW HOPE ROAD) IN RALEIGH. CONSTRUCT TRANSFER FACILITY.		880	880																						
TRANSIT																											
WAKE	T141692																										
DIV																											
						UNDER CONSTRUCTION BY GO RALEIGH																					
TRIANGLE TRANSIT AUTHORITY	TA-5219	PURCHASE OF REPLACEMENT BUSES (5)		2350	2350	FU																					
						L																					
						S																					
DURHAM																											
WAKE																											
SD																											
TRIANGLE TRANSIT AUTHORITY	TA-5218	PURCHASE OF REPLACEMENT PARATRANSIT VEHICLES (3) AND RELATED EQUIPMENT (CAMPO)		282	282	FU																					
						L																					
						S																					
DURHAM																											
WAKE																											
SD																											
GOTRIANGLE TRANSIT	TA-6668	PURCHASE EXPANSION VEHICLES FOR DRX ROUTE.		4862	4862	FU																					
						L																					
						T																					
TRIANGLE TRANSIT AUTHORITY																											
DURHAM	T150797																										
DURHAM																											
WAKE																											
WAKE																											
						IN ACQUISITION																					

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
BICYCLE AND PEDESTRIAN PROJECTS																							
GOTRIANGLE TRANSIT TRIANGLE TRANSIT AUTHORITY DURHAM DURHAM WAKE WAKE	TA-6668	PURCHASE EXPANSION VEHICLES FOR DRX ROUTE.		4862	4862	FUZ																	
						L																	
						T																	
	T150797																						
REG																							
						IN ACQUISITION																	
TRIANGLE TRANSIT AUTHORITY	TA-5225	PURCHASE OF REPLACEMENT BUS (1) AND VANPOOL VEHICLES (5) (CAMPO)		628	628	FBUS																	
						L																	
						S																	
DURHAM WAKE																							
SD																							
TRIANGLE TRANSIT AUTHORITY	TA-5123A	EXPANSION BUS		19270	16028	FUZ	CP	1351					CP	1351									
						L	CP	135					CP	135									
						S	CP	135					CP	135									
WAKE																							
SD																							
						FUNDS AUTHORIZED IN PROGRESS																	
TRIANGLE TRANSIT AUTHORITY	TA-4818A	EXPANSION BUS		7410	6448	FBUS																	
						FUZ				CP	962												
WAKE																							
SD																							
TRIANGLE TRANSIT AUTHORITY	TD-5278	FACILITY MAINTENANCE AND OPERATIONS CENTER MEZZANINE PROJECT - DESIGN, ENGINEERING, AND CONSTRUCTION		500	500	FUZ																	
						L																	
						S																	
WAKE																							
SD																							
						FUNDS AUTHORIZED IN PROGRESS																	

NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS					
BICYCLE AND PEDESTRIAN PROJECTS																						
TRIANGLE TRANSIT AUTHORITY	TE-4903A	FIXED GUIDEWAY - LIGHT RAIL SERVICE- CARY/RALEIGH		1502000	2000	FED	C	500000		C	500000		C	500000								
DURHAM																						
ORANGE																						
WAKE																						
SD																						
TRIANGLE TRANSIT AUTHORITY	TE-4903B	FIXED GUIDEWAY - COMMUTER RAIL SERVICE- DURHAM/RALEIGH		666	444	FED	C	222														
WAKE																						
SD																						
TRIANGLE TRANSIT AUTHORITY	TG-4821B	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC INCLUDES ADA, PM AND SERVICE VEHICLES		24490	16614	FUZ	CP	1575		CP	1575		CP	1575								
DURHAM						L	CP	394		CP	394		CP	394								
ORANGE																						
WAKE																						
SD																						
FUNDS AUTHORIZED IN PROGRESS																						
TRIANGLE TRANSIT AUTHORITY	TM-6109	OPERATING ASSISTANCE - JOB ACCESS / REVERSE COMMUTE - NON-URBAN SERVICE		404	404	JARC																
WAKE																						
SD																						
TRIANGLE TRANSIT AUTHORITY	TO-5131	OPERATING ASSISTANCE		27619	19811	SMAP	O	1952		O	1952		O	1952								
WAKE																						
SD																						
FUNDS AUTHORIZED IN PROGRESS																						
TRIANGLE TRANSIT AUTHORITY	TO-5131B	OPERATING ASSISTANCE - EXPRESS BUS HOLLY SPRINGS, APEX AND CARY		564	564	CMAQ																
WAKE																						
SD																						
TRIANGLE TRANSIT AUTHORITY	TP-4732B	PLANNING ASSISTANCE		8429	5477	FUZ	PL	590		PL	590		PL	590								
						L	PL	74		PL	74		PL	74								
						S	PL	74		PL	74		PL	74								
WAKE																						
SD																						
FUNDS AUTHORIZED IN PROGRESS																						

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NON-HIGHWAY PROGRAM

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY	ID			TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)		DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM						UNFUNDED
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH			FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS				
BICYCLE AND PEDESTRIAN PROJECTS																					
WAKE COORDINATED TRANSPORTATION SERVICE	TA-6136	CAPITAL		2854	2854	FNU															
						L															
						S															
WAKE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
WAKE COORDINATED TRANSPORTATION SERVICE	TK-6170	ADMINISTRATION		5422	3842	FNU	O	111		O	111		O	111							
						FNU															
						L	O	59		O	59		O	59							
						S	O	225		O	225		O	225							
WAKE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
WAKE COORDINATED TRANSPORTATION SERVICE	TN-6116	OPERATING ASSISTANCE		240	240	FNF															
						L															
WAKE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
WAKE COORDINATED TRANSPORTATION SERVICE	TN-6117	MOBILITY MANAGEMENT		152	152	FNF															
						L															
						S															
WAKE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					



## HIGHWAY PROGRAM

# STATEWIDE PROJECT

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																	
ROUTE/CITY COUNTY				ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED FUTURE YEARS													
										FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029																								
INTERSTATE PROJECTS																																											
VARIOUS STATEWIDE				I-9999	INTERSTATE MAINTENANCE BALANCE.		451003		NHPIM											C	69588		C	85615		C	95800		C	100000		C	100000										
SW																																											
RURAL PROJECTS																																											
VARIOUS STATEWIDE				M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		5780	4180	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										
										T	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG						
										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						
										DIV DIV		HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										REG REG		HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										SW SW		HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										IN PROGRESS																																	
VARIOUS STATEWIDE				M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3535	535	T	PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300								
DIV																																											
VARIOUS STATEWIDE				M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		27088	17088	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	PE	300	DIV							
										T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG			
										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	PE	400	SW	PE	400	SW			
										DIV DIV		TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										REG REG		TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										SW SW		TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																															
										IN PROGRESS																																	
VARIOUS STATEWIDE				M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21841	12931	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	270	DIV							
										T	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG			
										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	360	SW	PE	360	SW			
										DIV DIV		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.																															
										SW SW		STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																															
										IN PROGRESS																																	

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## HIGHWAY PROGRAM

# STATEWIDE PROJECT

								TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																															
ROUTE/CITY COUNTY		ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM																	DEVELOPMENTAL PROGRAM									UNFUNDED FUTURE YEARS					
								FY 2020	FY 2021			FY 2022			FY 2023			FY 2024			FY 2025			FY 2026			FY 2027			FY 2028			FY 2029						
<b>RURAL PROJECTS</b>																																							
VARIOUS		M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1412	712		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	PE	21	DIV				
								T	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG				
								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	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.																													
VARIOUS		M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																																	
STATEWIDE																																							
DIV								IN PROGRESS																															
VARIOUS		M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		684	384		T	PE	100	DIV																												
								T	PE	100	REG																												
								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		M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		6994	6994																																	
STATEWIDE																																							
DIV								UNDER CONSTRUCTION																															
VARIOUS		M-0534	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.		22000	2000		T	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV				
								T	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG				
								T	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW				
STATEWIDE								DIV	DIV	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																													
								REG	REG	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																													
								SW	SW	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																													
								IN PROGRESS																															
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				
STATEWIDE																																							
DIV																																							

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

## HIGHWAY PROGRAM

## STATEWIDE PROJECT

ROUTE/CITY COUNTY		ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		UNFUNDED FUTURE YEARS				
								DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM										
								FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029													
RURAL PROJECTS																														
VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	12000	7000	T	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV				
					T	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG				
					T	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.																					
							REG	REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
							SW	SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS	6758	4258	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	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG				
					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																					
SW																														
VARIOUS	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.	3064	1064	T	PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200					
STATEWIDE																														
SW																														
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				
					T	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG				
					T	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.																					
							REG	REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
							SW	SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
IN PROGRESS																														
RURAL PROJECTS																														
VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).	244131	244131																										
STATEWIDE																														
IN PROGRESS																														
VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).	278058	278058																										
STATEWIDE																														
IN PROGRESS																														

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

## HIGHWAY PROGRAM

# STATEWIDE PROJECT

[illegible]

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

HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																				
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
BRIDGE PROJECTS																								
VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		497354	257354	BG	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV
						BG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG
						BG	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW
STATEWIDE						DIV	DIV	BRIDGE INSPECTION PROGRAM.																
						REG	REG	BRIDGE INSPECTION PROGRAM.																
						SW	SW	BRIDGE INSPECTION PROGRAM.																
						IN PROGRESS																		
VARIOUS	B-8888	BRIDGE REPLACEMENT HOLDOUT.		162322		BGOFF									C	12031		C	21682		C	25157		
STATEWIDE																								
DIV																								
CONGESTION MITIGATION PROJECTS																								
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-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		51751	41540	CMAQ	PE	817																
						S(M)	PE	204																
						CMAQ	R	817																
						S(M)	R	204																
						CMAQ	C	4901																
						S(M)	C	1226																
						CMAQ	O	817																
						S(M)	O	204																
						CMAQ	I	817																
STATEWIDE						S(M)	I	204																
EX																								

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

HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																							
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED					
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
CONGESTION MITIGATION PROJECTS																											
VARIOUS	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		1468			CMAQ	PE	118																		
							L	PE	29																		
							CMAQ	R	118																		
							L	R	29																		
							CMAQ	C	704																		
							L	C	176																		
							CMAQ	O	118																		
							L	O	29																		
							CMAQ	I	118																		
							L	I	29																		
STATEWIDE																											
EX																											
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.		2994	2994																						
STATEWIDE						EX	A																				
						EX	B																				
						EX	C																				
EX																											
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE:	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500																						
STATEWIDE																											
EX																											
						IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																					
NORTH CAROLINA STATE UNIVERSITY	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694																						
STATEWIDE						EX	A																				
EX																											
						IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																					
STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000		CMAQ	C	30000		C	30000		C	30000		C	30000		C	30000		C	30000		C	30000	
STATEWIDE																											
EX																											

HIGHWAY SAFETY PROJECTS

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

HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM								UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS									
HIGHWAY SAFETY PROJECTS																										
VARIOUS	W-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000			HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV				
							HSIP	C	450	REG	C	450	REG	C	450	REG	C	450	REG	C	450	REG				
							HSIP	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																										
VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		149943	130343		HSIP	R	420	DIV	R	420	DIV													
							HSIP	C	2520	DIV	C	2520	DIV													
							HSIP	R	420	REG	R	420	REG													
							HSIP	C	2520	REG	C	2520	REG													
							HSIP	R	560	SW	R	560	SW													
							HSIP	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-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																					
IN PROGRESS																										
VARIOUS	W-5717	HIGHWAY SYSTEM DATA COLLECTION.		5000			HSIP	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV				
							HSIP	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG				
							HSIP	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW				
STATEWIDE							DIV	DIV	HIGHWAY SYSTEM DATA COLLECTION.																	
							REG	REG	HIGHWAY SYSTEM DATA COLLECTION.																	
							SW	SW	HIGHWAY SYSTEM DATA COLLECTION.																	
IN PROGRESS																										
VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		505525			HSIP	C	12750	DIV	C	12960	DIV	C	15750	DIV	C	15750	DIV	C	15750	DIV				
							HSIP	C	12675	REG	C	12960	REG	C	15750	REG	C	15750	REG	C	15750	REG				
							HSIP	C	16900	SW	C	17280	SW	C	21000	SW	C	21000	SW	C	21000	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 PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																												
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM						UNFUNDED							
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS															
HIGHWAY SAFETY PROJECTS																																
VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		22101	22101																											
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.																								
VARIOUS	W-5716	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		55000		HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV					
STATEWIDE						HSIP	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG					
						HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW					
						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-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		3500	3500																											
STATEWIDE						DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																								
						REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																								
						SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																								
IN PROGRESS																																
SAFE ROUTES TO SCHOOLS PROJECTS																																
VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435																											
STATEWIDE																																
						IN PROGRESS																										
VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		16339	16339																											
STATEWIDE																																
						IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																										
BRIDGE PROJECTS																																
VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		2500	2500																											
STATEWIDE																																
						IN PROGRESS																										

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



HIGHWAY PROGRAM

STATEWIDE PROJECT

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS					
BRIDGE PROJECTS																						
VARIOUS STATEWIDE	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		12337	12337																	
DIV						UNDER CONSTRUCTION																
VARIOUS STATEWIDE	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		10918	10918																	
DIV						IN PROGRESS																
VARIOUS STATEWIDE	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		32648	32648																	
						DIV	DIV	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.														
						REG	REG	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.														
						SW	SW	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.														
VARIOUS STATEWIDE	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264	3264	BG	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000				
DIV						IN PROGRESS																

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS												
ROUTE/CITY	ID			TOTAL PROJ COST	PRIOR YEARS COST		DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM				UNFUNDED
COUNTY	NUMBERS	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
<u>PASSENGER RAIL PROJECTS</u>																			
NORTH CAROLINA	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456														
RAILROAD																			
STATEWIDE																			
EX						IN PROGRESS													
<u>BICYCLE AND PEDESTRIAN PROJECTS</u>																			
VARIOUS	E-4018	NATIONAL RECREATIONAL TRAILS.		13845	1845	TA	C	1200	C	1200	C	1200	C	1200	C	1200	C		
STATEWIDE																			
DIV						IN PROGRESS													
<u>PASSENGER RAIL PROJECTS</u>																			

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

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																								
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS													
PASSENGER RAIL PROJECTS																														
VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		14170	4170		T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV					
							T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG					
							T	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																					
IN PROGRESS																														
BICYCLE AND PEDESTRIAN PROJECTS																														
VARIOUS	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476																									
STATEWIDE																														
TRN						UNDER CONSTRUCTION																								
VARIOUS	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	BG	PE	1000		PE	1000		PE	1000		PE	1000		PE	1000		PE	1000		PE	1000		PE	1000	
STATEWIDE																														
DIV																														
VARIOUS	EB-6033	SAFE ROUTES TO SCHOOL EDUCATION.																												
STATEWIDE																														
DIV						OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY. IN PROGRESS																								
VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.																												
STATEWIDE																														
						IN PROGRESS																								
VARIOUS	EB-6037	RAILS TO TRAILS PROGRAM		12500		L	R	500																						
						TALT5	R	2000																						
						L											C	10000												
STATEWIDE																														
DIV						LOCAL FUNDS REPRESENT LOCAL MATCH FOR RIGHT-OF-WAY AND CONSTRUCTION OF TRAILS BY LOCAL GOVERNMENTS.																								
PASSENGER RAIL PROJECTS																														
VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31944	1944	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																								
PASSENGER RAIL PROJECTS																														

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM								DEVELOPMENTAL PROGRAM								UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
PASSENGER RAIL PROJECTS																							
VARIOUS STATEWIDE	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841																		
DIV						IN PROGRESS																	
VARIOUS STATEWIDE	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		24500		RR								R	500		R	500		R	500		
						RR								C	3000		C	3000		C	3000		
DIV																							
VARIOUS STATEWIDE	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7000		RR	R	500		R	500												
						RR	C	3000		C	3000												
DIV																							
VARIOUS STATEWIDE	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14847	14847																		
DIV						IN PROGRESS																	
BICYCLE AND PEDESTRIAN PROJECTS																							
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408																		
TRN						IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E																	
GREYHOUND LINES STATEWIDE	TI-6105	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF																	
						L																	
SD																							
GREYHOUND LINES STATEWIDE	TI-6108	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE VIA WILMINGTON ALONG US 70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA WILMINGTON ALONG US 17		4081	4081	FNU																	
						L																	
SD																							
GREYHOUND LINES STATEWIDE	TI-6107	INTERCITY BUS SERVICE from RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU																	
SD																							

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM																DEVELOPMENTAL PROGRAM				UNFUNDED		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS												
BICYCLE AND PEDESTRIAN PROJECTS																													
GREYHOUND LINES STATEWIDE	TI-6106	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU																							
SD																													
NCDOT FERRY DIVISION STATEWIDE	TA-6535	CAPITAL		789	789	FNF S																							
SD																													
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	7049	FSPR S	CP	600																					
SD																													
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH																							
SD																													
STATEWIDE	TA-6665	5311 Capital Projects for Rural Areas		90863	36053	FNU L S	CP	5468		CP	5469		CP	5470		CP	5471		CP	5490		CP	5490		CP	5491		CP	5491
SD																													
STATEWIDE							CP	684		CP	684		CP	684		CP	685		CP	687		CP	687		CP	687		CP	687
SD																													
FUNDS AUTHORIZED IN PROGRESS																													
STATEWIDE	TA-6712	Replacement of Transit Vehicles meeting useful life		7915	7915	CMAQ L																							
SD																													
STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE		443	443	FNF																							
SD																													

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																			
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM								UNFUNDED														
							FY 2020	FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026	FY 2027		FY 2028		FY 2029		FUTURE YEARS														
BICYCLE AND PEDESTRIAN PROJECTS																																							
STATEWIDE	TA-6666	5339 Bus and Bus Facilities		60324	12355	FBUS	CP	4448		CP	4449		CP	4450		CP	5004		CP	5005		CP	5005		CP	5005													
						L	CP	556		CP	557		CP	557		CP	625		CP	626		CP	626		CP	626		CP	626										
						S	CP	556		CP	557		CP	557		CP	625		CP	626		CP	626		CP	626		CP	626										
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TC-5004	5311 ADTAP		17751	7669	ADTAP	CP	1008		CP	1008		CP	1009		CP	1009		CP	1010		CP	1010		CP	1011		CP	1011										
						L	CP	115		CP	126		CP	127		CP	127		CP	127		CP	127		CP	127		CP	127										
						S	CP	115		CP	126		CP	127		CP	127		CP	127		CP	127		CP	127		CP	127										
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L																																	
						S																																	
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TI-6109	Intercity Bus Service		9043	9043	FNU																																	
						L																																	
						S																																	
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TK-4902	State Administration of Appalachian Development Transportation Assistance Program		1407	653	ADTAP	AD	92		AD	93		AD	93		AD	94		AD	94		AD	95		AD	96		AD	97										
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TK-6181	5311 Administrative		204316	57488	FNU	AD	14681		AD	14681		AD	14682		AD	14682		AD	14683		AD	14683		AD	14684		AD	14684										
						L	AD	2753		AD	2753		AD	2753		AD	2753		AD	2753		AD	2753		AD	2753		AD	2753										
						S	AD	918		AD	918		AD	918		AD	918		AD	918		AD	918		AD	918		AD	918										
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							
STATEWIDE	TK-4900Z	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	16730	FNU	AD	2820		AD	2840		AD	2860		AD	2880		AD	2900		AD	2920		AD	2940		AD	2960										
STATEWIDE																																							
SD																																							
FUNDS AUTHORIZED IN PROGRESS																																							

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED				
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
BICYCLE AND PEDESTRIAN PROJECTS																									
STATEWIDE	TM-6155	Operating Funding for Existing Projects Statewide		350	350	JARC L																			
STATEWIDE																									
SD																									
FUNDS AUTHORIZED IN PROGRESS																									
STATEWIDE	TN-6125	5317 New Freedom		4756	484	FEP L	O	410	O	420	O	430	O	440	O	450	O	460	O	470	O	480			
STATEWIDE							O	82	O	84	O	86	O	88	O	90	O	92	O	94	O	96			
SD																									
STATEWIDE	TO-6135	5311 Operating Projects for Rural Areas		4293	4293	FNU L																			
STATEWIDE																									
SD																									
FUNDS AUTHORIZED IN PROGRESS																									
STATEWIDE	TO-6155	5311 Operating and 5311 Operating F		173475	19155	FNU L	O	12790	O	12810	O	12830	O	12850	O	12870	O	12890	O	12910	O	12930			
STATEWIDE							O	6395	O	6405	O	6415	O	6425	O	6435	O	6445	O	6455	O	6465			
SD																									
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU																			
STATEWIDE																									
SD																									
FUNDS AUTHORIZED IN PROGRESS																									
STATEWIDE	TP-5154	5304 PLANNING		5724	588	FMPL L	PL	500	PL	510	PL	520	PL	530	PL	540	PL	550	PL	560	PL	570			
STATEWIDE							PL	100	PL	102	PL	104	PL	106	PL	108	PL	110	PL	112	PL	114			
SD																									
STATEWIDE	TQ-6954	5310 Operating Projects for Rural Areas		26692	11986	FEPD L	O	918	O	918	O	919	O	919	O	919	O	920	O	920	O	920			
STATEWIDE							O	918	O	918	O	919	O	919	O	919	O	920	O	920	O	920			
SD																									
FUNDS AUTHORIZED IN PROGRESS																									
STATEWIDE	TQ-9038	5310 Capital Projects for Rural Areas and Small Urban Areas		31363	11365	FEPD L S	CP	1998	CP	1998	CP	1999	CP	1999	CP	2000	CP	2000	CP	2000	CP	2002			
STATEWIDE							CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	251			
STATEWIDE							CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	251			
SD																									
FUNDS AUTHORIZED IN PROGRESS																									

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non-STI)

NON-HIGHWAY PROGRAM

STATEWIDE PROJECT

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																							
ROUTE/CITY COUNTY	ID NUMBERS	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM												DEVELOPMENTAL PROGRAM								UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
BICYCLE AND PEDESTRIAN PROJECTS																											
STATEWIDE	TS-7001	5329 STATE SAFETY AND OVERSIGHT		4382	516	FED	AD	343	AD	344	AD	344	AD	345	AD	345	AD	345	AD	346	AD	346					
						L	AD	69	AD	69	AD	69	AD	69	AD	69	AD	69	AD	70	AD	70					
						S	AD	69	AD	69	AD	69	AD	69	AD	69	AD	69	AD	70	AD	70					
STATEWIDE																											
SD																											
STATEWIDE	TS-7000	Develop amd Implement An Enhanced State Safety Oversight Program		844	844	SSO																					
STATEWIDE																											
SD																											
STATEWIDE	TS-4900Z	STATEWIDE RTAP		6787	2707	RTAP	AD	440	AD	460	AD	480	AD	500	AD	520	AD	540	AD	560	AD	580					
STATEWIDE																											
SD																											
						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																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	5092	JARC	AD	500																			
STATEWIDE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3920	FNF	AD	350																			
STATEWIDE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TV-4903	5310 STATE ADMIN		11315	6919	FEPD	AD	541	AD	545	AD	545	AD	545	AD	550	AD	550	AD	560	AD	560					
STATEWIDE																											
SD																											
						FUNDS AUTHORIZED IN PROGRESS																					

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

## TIP Fiscal Constraint

Federal regulations require the TIP to be "constrained to reasonably expected revenue." The 2020-2029 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 \$3.20 billion in revenues and \$3.20 billion of project and program costs are forecast for the first four years of the TIP (2020-23).

Funding and programming levels for FY20-29 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 2020 is expected to be about \$1.20 billion, it is anticipated that the obligation limitation applied to most federal aid categories will be about \$1.14 billion.

The amount of state matching funds needed for the Federal Aid Program is expected to be \$300 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 is not explicitly factored into the above revenue estimates. However, before programming projects in the TIP, available funds were reduced by an amount for inflation. The following inflation factors for future construction and right of way cost increases were used: 2020 - 1.005, 2021 - 1.0151, 2022 - 1.0252, 2023 - 1.0355, 2024 through 2029 - 1.0458. This allows project costs used in the Program to be shown in current (2020) 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 \$3.20 billion has been allocated to projects and programs in the Capital Area from federal fiscal year 2020 through 2023.

**Table 1. (INFLATED) TIP ROADWAY FUNDING SUMMARY 2020-2023 (August 2019) (Estimates are in the \$1,000s)**

Funding	Funding Description	Funding Type	FY2020	FY2021	FY2022	FY2023	Total
BGANY	Surface Transportation Block Grant Program (Any Area)	Federal	111,779	2,156	12,621	15,763	<b>142,319</b>
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	Federal	22,282	1,235			<b>23,517</b>
BGLT5	Surface Transportation Block Grant Program (Lessa than 5k)	Federal	2,560	2,586	2,612	2,638	<b>10,396</b>
BGOFF	Surface Transportation Block Grant Program (Off System)	Federal	3,901	10,798	2,486		<b>17,185</b>
CMAQ	Congestion Mitigation and Air Quality	Federal	3,211	146			<b>3,357</b>
HSIP	Highway Safety Improvement Program	Federal	174				<b>174</b>
L	Local	Other	11,492	344			<b>11,836</b>
NHP	National Highway Performance Program	Federal	252,164	100,755	73,932	45,752	<b>472,603</b>
NHPB	National Highway Performance Program (Bridge)	Federal	1,286	436	20,633		<b>22,355</b>
NHPIM	National Highway Performance Program (Interstate Maintenance)	Federal		87	38,660	15,786	<b>54,533</b>
S	State	State	270				<b>270</b>
S(M)	State Match for STP-DA or Garvee Projects	State	34,854	45,580	43,128	10,239	<b>133,801</b>
T	Highway Trust Fund	State	67,285	91,770	208,750	104,434	<b>472,239</b>
TA	Transportation Alternatives Program (uncategorized)	State	100				<b>100</b>
		<b>Subtotal</b>	<b>511,358</b>	<b>255,893</b>	<b>402,822</b>	<b>194,612</b>	<b>1,364,685</b>

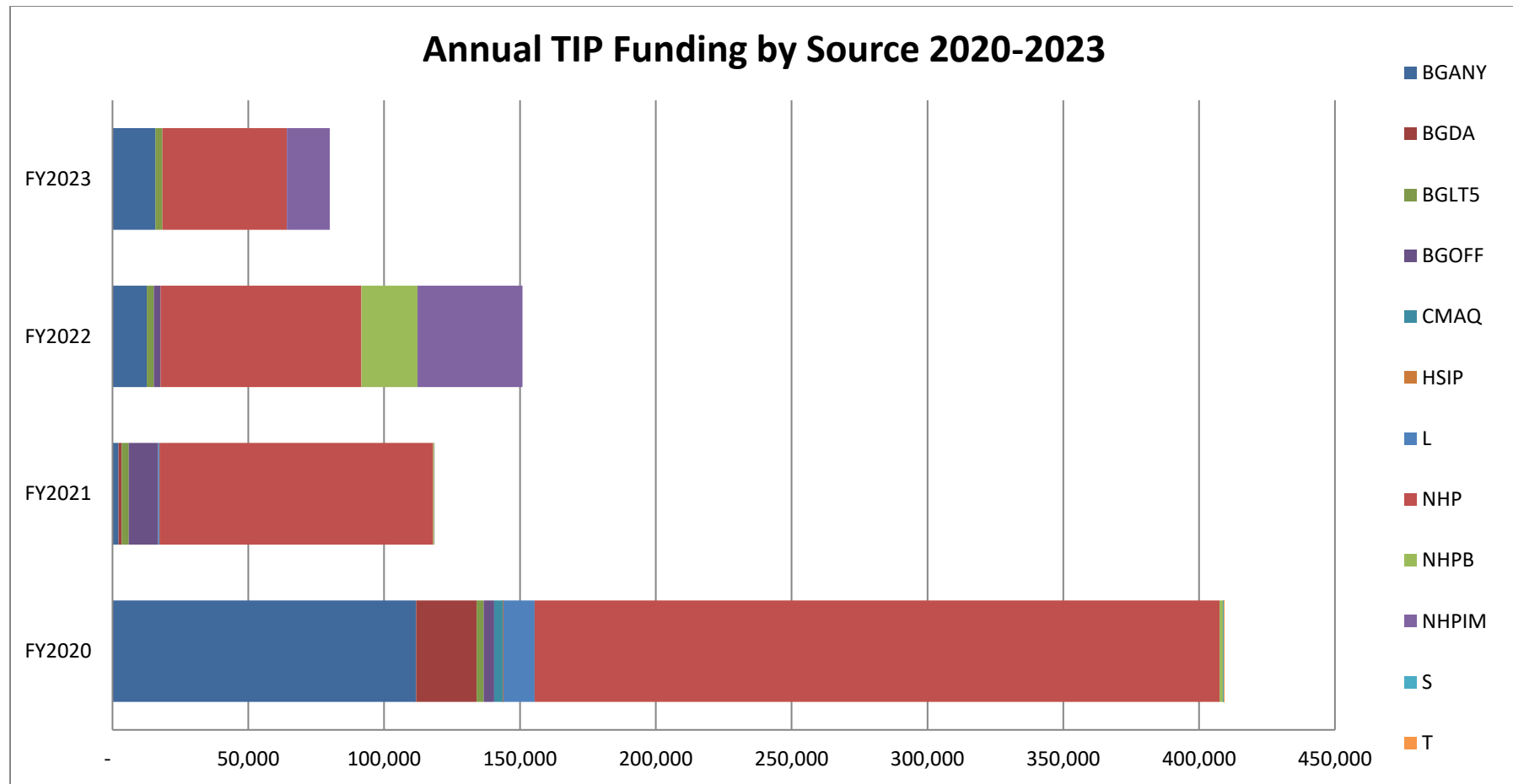


Figure 1. TIP Roadway Funding Summary 2020-2023  
(estimates are in thousands of dollars)

**Table 2. (INFLATED) TIP NONROADWAY FUNDING SUMMARY 2020-2023 (August 2010) (Estimates are in the \$1,000s)**

Funding	Funding Description	Funding Type	FY2020	FY2021	FY2022	FY2023	Total
DP	Discretionary or Demonstration	Federal		10,150			<b>10,150</b>
FBUS	Capital Program- Bus and Bus Facilities (5339)	Federal	621				<b>621</b>
FED	Unidentified Federal Funding	Federal	502,722	507,549	512,599		<b>1,522,870</b>
FEDT	Unidentified Federal Transit Funding	Federal	5,627				<b>5,627</b>
FEPD	Elderly and Persons with Disability (5310)	Federal	807				<b>807</b>
FMPL	Metropolitan Planning (5303)	Federal	376	380	384	388	<b>1,528</b>
FNU	Non Urbanized Area Formula Program (5311)	Federal	111	112	113	114	<b>450</b>
FUZ	Capital Program- Urbanized Area Formula Program (5307)	Federal	9,824	5,137	5,804	4,474	<b>25,239</b>
L	Local	Other	8,436	11,884	5,569	4,157	<b>30,046</b>
O	Local, Non Federal, or State Funds	Other	101,016	517			<b>101,533</b>
S	State	State	915	399	541	406	<b>2,261</b>
SMAP	Operating Assistance and State Maintenance	State	5,186	5,249	5,301	5,365	<b>21,101</b>
STBGDA	Surface Transportation Block Grant Program (Direct Attributable)	Federal	5,249	393	-	-	<b>5,642</b>
T	Highway Trust Fund	State	6,062	13,005	48,911	29,851	<b>97,829</b>
TAANY	Transportation Alternatives Program (any Area)	Federal	652	4,060	5,265		<b>9,977</b>
RR	Rail Highway Safety	Federal	1,607				
TADA	Transportation Alternatives Program (Direct Attributable)	Federal	803	1,068			<b>1,871</b>
		<b>Subtotal</b>	<b>650,014</b>	<b>559,903</b>	<b>584,487</b>	<b>44,755</b>	<b>1,837,552</b>

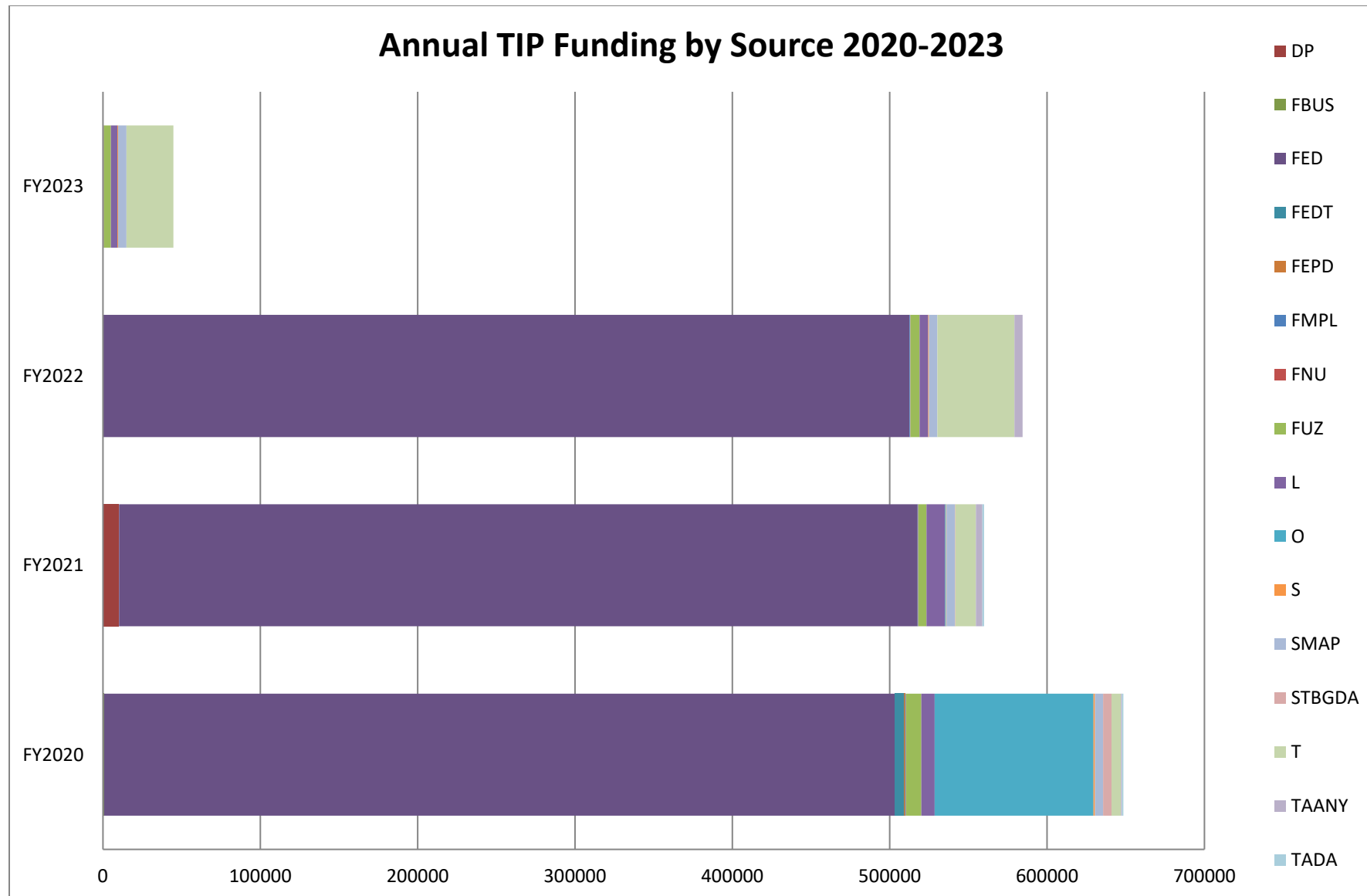


Figure 2. TIP NonRoadway Funding Summary 2020-2023  
(estimates are in thousands of dollars)

## **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 2015 - 2029

COUNTY	FY2015	FY2016	FY2017	FY2018	FY2019	TOTAL FY 2015-2019	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>	% POP in MPO	<u>MAINTENANCE</u>
JOHNSTON	21,487,529	20,761,213	15,359,682	27,270,196	29,049,927.96	113,928,549	22,785,710	58%	13,202,040
FRANKLIN	11,400,806	8,894,199	11,228,371	11,866,120	17,222,321	60,611,818	12,122,364	65%	7,862,565
GRANVILLE	11,900,389	9,204,936	13,241,299	15,323,955	13,839,434	63,510,012	12,702,002	35%	4,406,325
WAKE	6,384,123	41,422,237	37,438,428	42,079,627	58,553,877	185,878,293	37,175,659	100%	37,175,659
HARNETT	11,788,689	12,206,398	15,618,207	19,429,205	17,837,700	76,880,199	15,376,040	16%	2,487,843
TOTAL	62,961,536	92,488,984	92,885,988	115,969,102	136,503,260	500,808,871	100,161,774		65,134,432

COUNTY	POPULATION ADJUSTED	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2020-2029
	<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>	
JOHNSTON	13,202,040	13,664,112	14,142,356	14,637,338	15,149,645	15,679,882	16,228,678	16,796,682	17,384,566	17,993,026	18,622,782	192,109,262
FRANKLIN	7,862,565	8,137,755	8,422,576	8,717,366	9,022,474	9,338,261	9,665,100	10,003,378	10,353,497	10,715,869	11,090,924	98,302,844
GRANVILLE	4,406,325	4,560,546	4,720,165	4,885,371	5,056,359	5,233,331	5,416,498	5,606,075	5,802,288	6,005,368	6,215,556	62,590,147
WAKE	37,175,659	38,476,807	39,823,495	41,217,317	42,659,923	44,153,021	45,698,376	47,297,819	48,953,243	50,666,607	52,439,938	368,137,251
HARNETT	2,487,843	2,574,918	2,665,040	2,758,316	2,854,857	2,954,777	3,058,195	3,165,231	3,276,014	3,390,675	3,509,349	31,431,118
TOTAL	65,134,432	67,414,137	69,773,632	72,215,709	74,743,259	77,359,273	80,066,847	82,869,187	85,769,608	88,771,545	91,878,549	752,570,621

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.

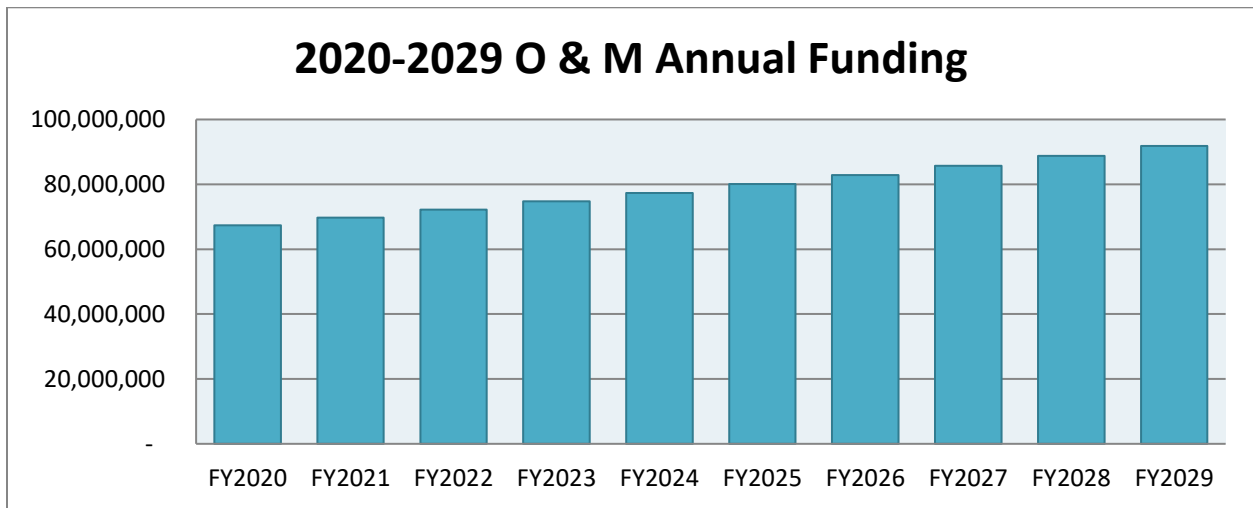


Figure 3. Projected Operations & Maintenance Funding Summary 2020-2029

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 2020-2029 TIP. Based on aggregated financial data provided by all funding sources, it is estimated that 73 percent of funding in the 2020-2023 Transportation Improvement Program is derived from federal sources and 27 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.

### 2020-2023 Transportation Improvement Program Funding Summary

