RESOLUTION ADOPTING THE NC CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION'S AMENDED 2040 METROPOLITAN TRANSPORTATION PLAN AND TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2016-2025 AND THE CONFORMITY DETERMINATION WITH THE NORTH CAROLINA STATE IMPLEMENTATION PLAN

A motion was made by <u>Will Allen, III</u> and seconded by <u>Michael Grannis</u> for adoption of the following resolution, and upon being put to a vote was duly adopted.

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

WHEREAS, the Capital Area MPO Amended 2040 Metropolitan Transportation Plan (2040 MTP) and the FY 2016-2025 Transportation Improvement Program (TIP) meet the planning requirements of 23 CFR Part 134; and

WHEREAS, the United States Environmental Protection Agency (EPA) designated Wake County as a maintenance area for carbon monoxide on September 18, 1995 (currently under a CO limited maintenance plan effective July 22, 2013), and

WHEREAS, the conformity analysis report used the latest planning assumptions approved by the Capital Area 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 United States Environmental Protection Agency; and

WHEREAS, interagency consultation has been made in accordance with the established interagency consultation procedures for North Carolina and the Capital Area MPO; 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 Amended 2040 MTP are consistent with the North Carolina State Implementation Plan emissions budgets based on a regional emissions analysis; and

WHEREAS, the programs and projects included in the Capital Area MPO TIP for FY 2016 - 2025 are financially constrained in accordance with State and Federal law; and

WHEREAS, the programs and projects included in the Capital Area MPO MTIP for FY 2016 - 2025 are a direct subset of the Amended 2040 MTP.

NOW, THEREFORE BE IT RESOLVED that the Capital Area Metropolitan Planning Organization Executive Board adopts the Amended 2040 Metropolitan Transportation Plan, and the FY 2016-25 Transportation Improvement Program and the Amended 2040 MTP and the FY 2016 - 25 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 September, 2015.

Dick Sears, Capital Area MPO Board Chair

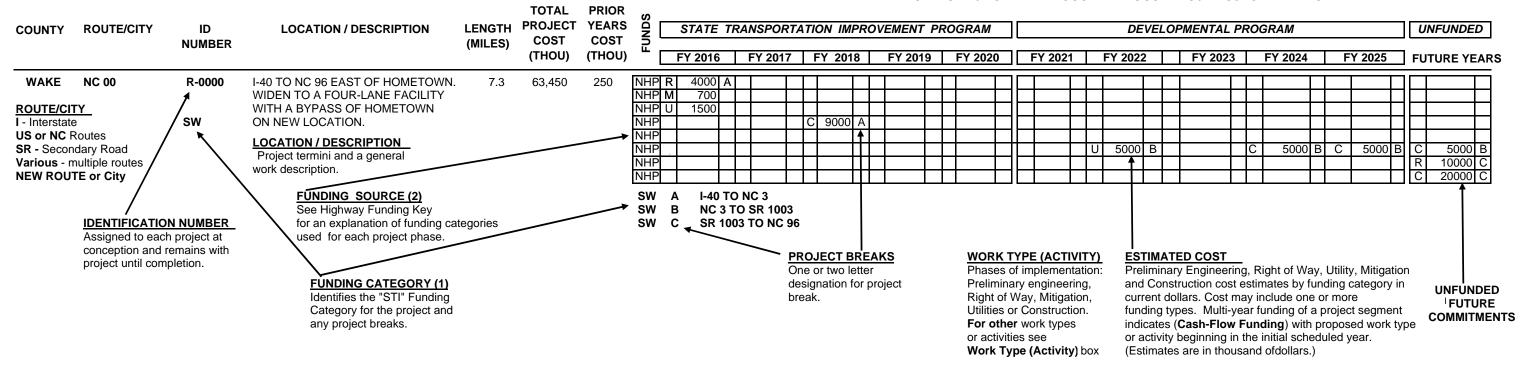
Wake County, North Carolina

I certify that Dick Sears personally appeared before me this day acknowledging to me that he signed the forgoing document.

Date: September 16, 2015

Valorie D. Lockehart, Notary Public

My commission expires: January 31, 2016



(1) FUNDING CATEGORY

DIV - Division EX - Exempt

HF - State Dollars (Non-STI)

REG - Regional

SW - Statewide

TRN -Transition Project

(2) FUNDING KEY FOR HIGHWAY FUNDING SOURCES

APD - Appalachian Development

BA - Bonus Allocation

BOND (R) - Revenue Bond

CMAQ - Congestion Mitigation **DP** - Discretionary or Demonstration

ER - Emergency Relief Funds

HFB - Highway Fund Bridge Replacement Program

HP - Federal-Aid High Priority

HRRR - High Risk Rural Roads

HSIP - Highway Safety Improvement Program

L - Local

NHP - National Highway Performance Program

NHPB - National Highway Performance Program (Bridge)

NHPBA - National Highway Performance Program (Bonus Allocation)

NHPIM - National Highway Performance Program (Interstate Maintenance)

O - Others S - State

S (M) - State Match

STP - Surface Transportation Program

STPDA - Surface Transportation Program - Direct Attributable

STPOFF -Surface Transportation Program (Off System Bridge)

STPON - Surface Transportation Program Bridge (On System Bridge)

T - State Highway Trust Funds

(3) WORK TYPE (ACTIVITY)

A - Acquisition

C - Construction

CG - Construction (GARVEE)

F - Feasibility Study

G - Grading and Structures

I - Implementation

L - Landscaping

M - Mitigation

O - Operations

P - Paving

PE - Preliminary Engineering

R - Right of Way

RG - Right of Way (GARVEE)

S - Structure

U - Utilities

HIGHWAY	PROGRAM				TOTAL	PRIOR								TYPE OF	F WOR	K / EST	IMATE	ED CO	ST IN T	HOUS	SANDS	/ PRO.	JECT E	3REAK!	.S					
		ID			PROJ COST	YEARS COST			STATE	TRAI	NSPORTA	ATION P	PROGRA	4 <i>M</i>			floor				E	EVEL	OPMEI	VTAL P	PROGRA	4 <i>M</i>				UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 201	16	FY 2017		FY 201	8	FY 20	019	FY	2020		FY 2	2021		FY 202	2	FY	2023		FY 2024		FY 2025		FUTURE YEARS
INTERSTATE						AUUD	00 00	<u> </u>	0 000	1,	00 00	al I			-														_	
WAKE	1-40	I-4709 TRN	SR 1728 (WADE AVENUE) TO EAST OF I-440 US 64 (MILE POST 302). PAVEMENT REPAIL AND RESURFACING.		14804	11810 NHP	CG 99	8] [C	G 998	I	CG 99	8] [<u> </u>	<u> </u>						ı					<u> </u>		
						PROJECT	COMPLETE	- GARV	EE BOND FU	UNDIN	IG \$8.8 MIL	LION; PA	AYBACK	FY 2007 -	FY 201	8														
JOHNSTON	1-40	I-4739 SW	ACCESS IMPROVEMENTS IN THE VICINITY OF EXISTING I-40/NC 42 INTERCHANGE (EX 312).	2.0 IT	42711	2691 NHP NHP							R 9	020			3 E					\exists		王	\exists					
						PLANNING	G/DESIGN IN	I PROGR	ESS - DESIG	SN BUI	ILD CONTR	ACT - CO	OORDIN	ATE WITH	l I-5111															
WAKE	1-40;	I-5112	EAST OF I-540 TO WADE AVENUE (EXIT 289 INCLUDING RAMPS, AND SR 1728 (WADE) 7.5	9310	6125 NHP	CG 59	2 0	G 592 G 45	(CG 59	2 0	CG 5	592 (CG	592	7 F					Ш		工	口					
	SR 1728 (WADE AVENUE)	TRN	AVENUE) FROM 1-40 TO SR 73009 (EDWARDS MILL ROAD). MILL AND RESURFACE ROADWAY, SHOULDERS AND RAMPS.	3		STP	<u>CG</u> 4	<u> </u>	G[45]		<u>CG</u> 4	9 <u>1</u> [C		45] [0	CG	45			1	<u> </u>			<u> </u>							
						PROJECT	COMPLETE	: - GARVE	E BOND FU	JNDING	G \$5.8 MILL	LION; CO)NSTRU(CTION - PA	AYBAC	K FY 200	9-2020													
WAKE	1-40	I-5703	I-440 / US 1 / US 64 INTERCHANGE IN RALEIGH. RECONSTRUCT INTERCHANGE.		274800	NHP NHP											7 F					\blacksquare	_	300	R U	28333 300	R	28333 J 300		
		SW				NHP] [Ш								C 188900
		311																												
-						COORDINA	ATE WITH I-	5701, I-57	02C, I-5704	AND U	U-2719																			
DURHAM WAKE	1-40	I-5702	US 15 / US 501 IN DURHAM COUNTY TO I-44 US 64 IN WAKE COUNTY. CONSTRUCT	0 / 31.0	1776158	T T											∃					+		士	R U	18995 920				
			MANAGED LANES.			T BOND R		+				+			+		4 F					\vdash		+						C 457550 A C 29400 A
						T T		\blacksquare						\blacksquare	+		7 F					Ħ		4	R U	26480 980		26480 E		
						T BOND R											1					Ħ		#	\bot	700		760		C 671650 B C 7230 B
						T		\Box									 					丗		丰	R	795				C 7230 B
						T											╛╘					丗		士	U	600	C L	600 (C 439409 C
						BOND R SW A	US 15 / US	501 TO	NC 147 CO	OORDI	INATE WIT	H I-5707.	. TE-5205	5. AND U-5	5774F		_ L					<u> </u>								C 73380 C
						SW B	NC 147 (D	URHAM I	REEWAY / 1	TRIAN	IGLE EXPR	ESSWA	Y) IN DUI	RHAM CO	UNTY T				•	N WAK	E COUN	ITY (COORDI	NATE W	VITH I-55	506, I-570	0, AND L	J-5811		
						SW C	SR 1/28 (\	WADE AV	'ENUE) TO I-	-440 / L	US 64 (EXI	1 301)	COORD	INA I E WII	IH I-5/0	01, 1-5/03	3, I-5/0 ⁴	4, AND	1-58/3											
						COORDINA	ATE WITH F	S-1005A	AND FS-120!)5A																				
JOHNSTON	1-40	I-5111	I-440 / US 64 (EXIT 301) TO NC 42 (EXIT 312). ADDITIONAL LANES AND ITS DEPLOYMENT		156594	3594 NHP		H			R 2000		C 220	000 SW	C 2	2000 SW	, F					H		丁	耳					
WAKE			ON ALTERNATE ROUTES FOR TRAFFIC MANAGEMENT.			NHP		\Box			R 1500	0 RE] [丗		丰	丗					
			MANAGEMENT.			NHP REG REG	WAKE CO	UNTY LII	NE TO NC 42		C /33	4 RE	C /3	333 RE	С	7333 RE						ш						<u> </u>		
									301) TO JOH		ON COUNT	Y LINE																		
						DI ANINING	: / DESIGN I	NI DDOCI	RESS - DESIO	CN-RI	ו חסס ח וווו	FCT - CC	JUDUNI/	TE WITH	I_//730	D_2020 A	IND D.	2820												
WAKE	I-40	I-5506	SR 1002 (AVIATION PARKWAY)	0.4	3910	310 NHP	T DESIGN I		R 500	ON-DO					1-4737,	K-2020 F		2027				П		工	П					
		SW	INTERCHANGE. CONSTRUCT LOOP RAMP NORTHWEST QUADRANT.	IN		NHP					C 155	0	C 15	550								Ш								
						PLANNING	6 / DESIGN I	N PROGI	RESS - COOI	RDINA	ATE WITH I	-5702B A	ND U-58	11																
-									3001			, /\		-																

IIIGIIWAI	PROGRAM				TOTAL I	PRIOR						TYPE OF W	ORK / ESTI	MATED (COST IN	THOUSAN	IDS / PRO	OJECT BRE	AKS				
		ID			PROJ ' COST			STATI	E TRANSPO	ORTATIO	N PROGRA	I <i>M</i>		$I \square$			DEVE	LOPMENTA	L PROGR	'AM			UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		THOU) FUNDS	FY 2016	FY 2017	7 F	Y 2018	FY 20)19	FY 2020	F	Y 2021	FY	2022	FY 202	23	FY 2024	FY 202	5	FUTURE YEARS
WAKE	PROJECTS I-40	I-4744 TRN	SR 1728 (WADE AVENUE) TO I-440 / US 1 / US 64. WIDEN TO SIX LANES.	S 4.0	73998	50823 NHP	CG 4635	CG 4635	CG	4635	CG 46	35 CG	4635										
-							COMPLETE - GA	RVEE BOND FI	UNDING \$42.	.2 MILLION	N; PAYBACK	FY 2009 - F\	2020										
WAKE	I-40 / US 64	I-5701 SW	I-440 / US 1 / US 64 TO SR 1370 (LAKE WHEELER ROAD) IN RALEIGH. ADD LANES.	4.4	25500	NHP										<u> </u>	8500	C 8500	0 C	8500			
WAKE	140	1.5700	CD 2015 (AIDDODT DOLU TVADD)	0.0	7170	COORDINA 500 NHP	ATE WITH I-5702	C, I-5703, AND I	-5704 - DESI	GN-BUILD		201	1		Ī			T I		1		_	
WAKE	1-40	I-5700 SW	SR 3015 (AIRPORT BOULEVARD). INTERCHANGE IMPROVEMENTS.	0.8	7170	NHP					R 9:	20 C	2875	С	2875								
						PLANNING	/ DESIGN IN PR	OGRESS - COC	ORDINATE W	/ITH I-5702	2B												
WAKE	I-40	I-5704 SW	WEST OF SR 1728 (WADE AVENUE) TO EAST OF I-440 / US 1 / US 64. ADD LANES AND REHABILITATE PAVEMENT.	Г 4.2	37734	NHP												C 12578	В С	12578	C 12578	3	
-							ATE WITH I-5701	, I-5702C, I-5703	3, AND I-5873	B - DESIGN													
JOHNSTON	1-40	I-5817 SW	1.8 MILES EAST OF SR 1010 (CLEVELAND ROAD) (MILE POST 313.6) TO 1 MILE EAST O SR 1525 (CORNWALLIS ROAD) (MILE POST 315.3). PAVEMENT REHABILITATION.	1.0 PF	760	NHPIM		11			C 70	60	<u> </u>					<u> </u>	<u> </u>		1 1	<u> </u>	
WAKE	1-40	I-5873	NC 54 IN RALEIGH. INTERCHANGE IMPROVEMENTS.		8004	700 NHP NHP					R 92	20 C	6384	∃ ∃									
		REG																					
						PLANNING	/ DESIGN IN PR	OGRESS - COC	ORDINATE W	/ITH I-5702	2C AND I-5704	4											
WAKE	I-40 / US 64	I-5338 TRN	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.		104688	TRN B	C 27093 C 500 B C 500 C I 2375 C I 125 C ITS DEPLOYM WEST OF SR 1 TRAFFIC MITIC	319 (JONES-FR	ANKLIN RO	•		•						•					
						UNDER CO	NSTRUCTION -	DESIGN-BUILD	PROJECT; I	LET WITH	I-5311		<u> </u>	. —									
WAKE	I-440 / US 1	I-5870 SW	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), AND REALIGN AND WIDEN CRABTREE VALLEY AVENUE BETWEEN SR 3009 (EDWARDS MILL ROAD) AND RIDGE ROAD.		59052	T T		 						ł E							R 193i	_	C 38076
						DESIGN-B	JILD PROJECT																
WAKE	I-440 / US 64	I-5311 TRN	I-40 (EXIT 301) TO NORTH OF US 64-US 264 (KNIGHTDALE BYPASS). PAVEMENT REHABILITATION AND ITS DEPLOYMENT ON ALTERNATE ROUTES FOR TRAFFIC MANAGEMENT.	3.1 N	40483	30488 NHP	C 9995									T							
						UNDER CO	NSTRUCTION -	DESIGN-BUILD	PROJECT; I	LET WITH	I-5338												

HIGHWAY	PROGRAM				TOTAL	DDIOD	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	
		ID			PROJ	YEARS	STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM	UNFUNDED
COUNTY	ROUTE/CITY	ID Number	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	(THOU) FUNDS	FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025	FUTURE YEARS
INTERSTATE	PROJECTS							
WAKE	I-440	I-5844 SW	SR 2000 (WAKE FOREST ROAD) TO I-495 / U: 64 / US 264 IN RALEIGH. PAVEMENT REHABILITATION.	S 7.0	6867	NHPIM	C 6867	
						COORDINA	WITH I-5708	
WAKE	I-440 / US 1	I-5708 SW	SR 2000 (WAKE FOREST ROAD) IN RALEIGH INTERCHANGE IMPROVEMENTS.	ł.	7170	500 NHP NHP	R 920 C 2875 C 2875 D C 2875	
		311						
WAKE	1.440 / 110.1	1 5222	LAO TO CD 4700 AMADE AVENUEV DAVEMEN	UT 20	21/5	PLANNING 1315 NHPIM	ESIGN IN PROGRESS	
WAKE	I-440 / US 1	I-5333 TRN	I-40 TO SR 1728 (WADE AVENUE). PAVEMEN REPAIR, PATCHING, CRACK SEALING, AND SLAB REPLACEMENT.		2165	A	10 TO SR 1728 (WADE AVENUE). PHASE 1 REHABILITATION ACTIVITIES UNDER CONSTRUCTION 10 TO SR 1728 (WADE AVENUE). PHASE 2 REHABILITATION ACTIVITIES.	
DURHAM WAKE	I-540	I-5307	I-40 IN DURHAM COUNTY TO NC 50 IN WAKE COUNTY, PAVEMENT REHABILITATION AND		10442	10442		<u> </u>
			SHOULDER SEALS.			SW A	R 1789 (PLEASANT GROVE CHURCH ROAD) TO US 70. APPLY FRICTION COURSE.	
							TRUCTION - LET WITH I-5310 - COST INCLUDES I-5310	
WAKE	I-540	I-5710 SW	SR 1829 (LEESVILLE ROAD) TO SR 2000 (FALLS OF NEUSE ROAD) IN RALEIGH. INSTALL RAMP METERS AT VARIOUS INTERCHANGES.	7.0	1100	500 NHP		
						PLANNING	ESIGN IN PROGRESS	
WAKE	I-540	I-5310	NC 50 TO EAST OF US 1. PAVEMENT REHABILITATION.	7.4				
						UNDER CO	TRUCTION - LET WITH I-5307 - COST REFLECTED IN I-5307	
RURAL PRO								
FRANKLIN WAKE	US 401	R-2814	NORTH OF SR 2044 (LIGON MILL ROAD) TO NC 39 IN LOUISBURG. WIDEN TO FOUR- LANE MEDIAN DIVIDED FACILITY, SOME NE' LOCATION.		1//426	97179 STP STP STP STP STP	1727 B RG 1727 RG	C 24500 C R 2915 D U 1270 D
						STP		C 26400 D
							R 2044 (LIGON MILL ROAD) TO NORTH OF SR 2225 (LOUISBURY ROAD) - COMPLETE DLESVILLE BYPASS, NORTH OF SR 2225 (LOUISBURY ROAD) TO NC 96 ON NEW LOCATION - UNDER CONSTRUCTION	
						С	C 96 TO SR 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) - RIGHT OF WAY IN PROGRESS	
							R 1103 (FLAT ROCK CHURCH ROAD / CLIFTON POND ROAD) TO SR 1700 (FOX PARK ROAD) SOUTH OF LOUISBURG R 1700 (FOX PARK ROAD) SOUTH OF LOUISBURG TO NC 39 IN LOUISBURG - COMPLETE	
							ESIGN IN PROGRESS - SECTION B, GARVEE BOND FUNDING \$15.8 MILLION FOR RIGHT OF WAY - PAYBACK FY 2009 - FY 2020 AND GARVEE BOND FUNDING \$21.5 MILLION FO 2011 - FY 2022	R CONSTRUCTION -
JOHNSTON	NC 42	R-3825	US 70 TO SR 1003 (BUFFALOE ROAD). WIDEN TO MULTI-LANES.	6.0	31479	11179 T	3100 B C 17200 B C 17200 B	
							S 70 AT CLAYTON TO EAST OF SR 1902 (GLEN LAUREL ROAD) - COMPLETE AST OF SR 1902 (GLEN LAUREL ROAD) TO SR 1003 (BUFFALOE ROAD)	
						PI ANNING	SIGN IN PROGRESS - "A" COMPLETE	
						LAWWING		

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION **HIGHWAY PROGRAM** TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST NUMBER LOCATION / DESCRIPTION COUNTY ROUTE/CITY LENGTH (THOU) (THOU) FUNDS FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS RURAL PROJECTS** 9134 A JOHNSTON NC 42 NC 50 TO US 70 BUSINESS. WIDEN TO MULTI- 8.0 90958 R-3410 LANES. 1096 A C 15236 A C 15236 A 15237 A R 5562 B 667 B REG REG A US 70 BYPASS TO US 70 BUSINESS, WIDEN TO MULTI-LANES REG B NC 50 TO US 70 BYPASS, WIDEN TO MULTI-LANES HARNETT NC 55 R-5705 CHURCH STREET TO SOUTH OF SR 2791 22105 2.4 3253 A (KENNEBEC CHURCH ROAD). WIDEN TO WAKE MULTI-LANES. 4378 A R 2685 B 322 B DIV A CHURCH STREET TO ANGIER TOWN LIMIT REG B ANGIER TOWN LIMIT TO SOUTH OF SR 2791 (KENNEBEC CHURCH ROAD). GRANVILLE US 15 AND NC 50 IN CREEDMOOR. REALIGN NC 56 R-5707 2325 INTERSECTIONS. REG WAKE NC 540 R-2635* TRIANGLE EXPRESSWAY (WESTERN WAKE 744059 744059 FREEWAY / RALEIGH OUTER LOOP), NC 55 (SOUTH) TO NC 55 (NORTH). FREEWAY ON NEW LOCATION. TRN D INTERCHANGE WITH SR 1153 (OLD HOLLY SPRINGS-APEX ROAD). CONSTRUCT INTERCHANGE AND CONVERT SHOULDER TO AUXILIARY LANE. - DESIGN-BUILD PROJECT - UNDER HARNETT SR 2215 R-5523 REALIGN SR 2215 (HARNETT CENTRAL 0.4 2452 2452 ROAD) AT US 401 AND EXTEND SR 1575 (HARNETT CENTRAL (NEIL SMITH ROAD). ROAD) TRN UNDER CONSTRUCTION WAKE **NEW ROUTE** R-2721* SOUTHERN WAKE FREEWAY / TRIANGLE 7.8 369810 15724 BOND R EXPRESSWAY SOUTHEAST EXTENSION 20600 (FUTURE NC 540) (RALEIGH OUTER LOOP), NC 55 (SOUTH) TO U 6550 BOND R US 401 SOUTH. FREEWAY ON NEW U 5000 LOCATION. BOND R 5471 44400 C 4440 44400 SW PLANNING / DESIGN IN PROGRESS - COORDINATE WITH U-5746 - NORTH CAROLINA TURNPIKE AUTHORITY DESIGN-BUILD PROJECT - FUNDING SUBJECT TO LEGISLATIVE ACTION ON TOLL CAP JOHNSTON SOUTHERN WAKE FREEWAY / TRIANGLE NEW ROUTE R-2828* 8.7 520502 17552 BOND R R 15300 EXPRESSWAY SOUTHEAST EXTENSION WAKE (FUTURE NC 540)

BOND R

PLANNING / DESIGN IN PROGRESS - COORDINATE WITH I-5111 - NORTH CAROLINA TURNPIKE AUTHORITY DESIGN-BUILD PROJECT - FUNDING SUBJECT TO LEGISLATIVE ACTION ON TOLL CAP

U 2000

C 86367

C 67917 C 67917 C 67916

C 86367

SW

(RALEIGH OUTER LOOP), US 401 TO I-40.

CONSTRUCT FREEWAY ON NEW LOCATION.

HIGHWAY P	ROGRAM											T) (DE	05.1100							T DDE 41/	_				
					TOTAL								OF WOR	K / ESTIM	IATE	COSTI	1 THOUS			T BREAKS					
		ID			COST	YEARS COST		STATE	TRANS	PORTAT	ION PROC	GRAM			L			DE	VELOPM	IENTAL P				UNF	UNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	FY 2016	FY 2017		FY 2018	F'	Y 2019	FY	2020	_	FY 2021		FY 2022	F	Y 2023	FY	2024	FY 2025	FUTUR	RE YEARS
RURAL PROJEC JOHNSTON WAKE	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		464411	8412 BOND R T BOND R T BOND R T																	R 18800 R 18800 U 1550 U 1550		50865 54434
JOHNSTON	NEW ROUTE	R-3618	SR 1553 (SHOTWELL ROAD) SOUTHWEST O	F 5.0	30548	PLANNING T	G / DESIGN IN PRO	GRESS - COO	RDINATE	WITH I-51	11 - NORTI	H CAROLIN	NA TURNP	IKE AUTHO	ORITY	DESIGN-B	UILD PRO	DJECT - FU	JNDING S	UBJECT TO			ON ON TOLL CA	IP	
		DIV	US 70 TO NC 42 EAST OF CLAYTON. CONSTRUCT TWO LANE ROAD ON MULTI- LANE RIGHT OF WAY.			T T															U	1600		C 1	15618
LIDBAN DDO IE	NTC NTC														_										
URBAN PROJEC	I-40 / US 70; US 70 BUSINESS; SR 2547 (WHITE OAK ROAD); SR 5220 (JONES SAUSAGE ROAD)	U-5520	GARNER - CONSTRUCT IMPROVEMENTS OF 1-40 / US 70 EASTBOUND RAMP TO US 70 BUSINESS WESTBOUND; ADD THROUGH AND TURN LANES ON US 70 BUSINESS WESTBOUND BETWEEN SR 2547 / SR 5220 INTERSECTION AND 1-40 / US 70 INTERCHANGE; CONSTRUCT THROUGH LANE ON SR 2547 SOUTHBOUND; CONSTRUCT THROUGH AND TURN LANES ON SR 5220.	N 1.1	5200	5200																			
						UNDER CO	ONSTRUCTION BY	TOWN OF GA	RNER																
WAKE	I-440 / US 1	U-2719 SW	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	110425	1014 NHP NHP NHP NHP SW A	SOUTH OF SR 13	313 (WALNUT	R U C C STREET)	102 21550 226	A C	21550 225 A 728 (WADE	С	1550 225 A IN RALEIG		21550 C 225 STALL RA		RS							
						DECICN DI	BUILD PROJECT - C	OODDINATE	A/ITI I E 7	2															
WAKE	US 1 (CAPITAL BOULEVARD)	U-5514 SW	SR 2041 (SPRING FOREST ROAD) TO SR 355 (OLD WAKE FOREST ROAD) IN RALEIGH. IMPROVEMENTS TO INCLUDE: SIDEWALKS LIGHTING, LANDSCAPING, AND TRANSIT AMENITIES.		1076	1076	UILD PROJECT - C	OURDINATE	WITH 1-37	JS															
						PLANNING	G / DESIGN IN PRO	GRESS BY CIT	TY OF RA	LEIGH															
WAKE	US 1	U-5307	I-540 TO SOUTH OF NC 98 IN RALEIGH AND WAKE FOREST. UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY.	7.4	206500	1000 NHP NHP NHP NHP NHP NHP SW A SW B	I-540 TO NORTH NORTH OF SR 20	OF SR 2006 (D	DURANT F	ROAD) IN F	TO NORTI					R 20600 C 15400 R 3500 C 14275 R 16600 C 11525	A CBBCCCCC	15400 A 14275 E 11525 C	3 C	15400 A 14275 B 11525 C	C 1	5400 A 4275 B 1525 C			
						PLANNING	G / DESIGN IN PRO	GRESS - DESI	GN-BUILI) PROJEC	т														

IIIOIIWAI	PROGRAM					PRIOR YEARS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS
		ID			COST	COST	STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFL
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	S FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FUTURE
WAKE	US 64	U-5301	WEST OF SR 1308 (LAURA DUNCAN ROAD) TO US 1 IN APEX AND CARY. CORRIDOR UPGRADE AND IMPROVEMENTS.	2.5	90700	REG B	· · · · · · · · · · · · · · · · · · ·
						PLANNING	IG / DESIGN IN PROGRESS
WAKE	US 64 BUSINESS (WENDELL BOULEVARD)	U-5323 REG	SR 1003 (ROLESVILLE ROAD-EAGLE ROCK ROAD) IN WENDELL. CONNECTIVITY AND ACCESS IMPROVEMENTS AND SAFETY ENHANCEMENTS.		180	180	
							MMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY BY TOWN OF WENDELL - IN PROGRESS
DURHAM WAKE	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 (SOUT MIAMI BOULEVARD) TO INTERCHANGE.		136124	SW B	SR 1959 (SOUTH MIAMI BOULEVARD) / SR 1811 (SHERRON ROAD) INTERSECTION. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. SR 1959 (SOUTH MIAMI BOULEVARD) / SR 1811 (SHERRON ROAD) TO SR 1906 (LEESVILLE ROAD).
						PI ANNING	IG / DESIGN IN PROGRESS
WAKE	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.		58000	1000 NHP NHP L NHP NHP NHP SW A REG B	C 3300 A C 3
						PLANNING	IG / DESIGN IN PROGRESS - COORDINATE WITH U-5720
WAKE	US 70 / NC 50	U-5744 REG	SR 2026 (HAMMOND ROAD) / SR 2812 (TIMBER DRIVE) IN GARNER. CONVERT AT- GRADE INTERSECTION TO INTERCHANGE.	-	18938	1700 NHP NHP	R 2190 C 15048
						PLANNING	IG / DESIGN IN PROGRESS
WAKE	US 401	U-5302 REG	SOUTH OF SR 2782 (LEGEND ROAD) TO PURSER DRIVE IN GARNER. CONVERT TO SUPERSTREET.	1.6	2950	NHP NHP	R 850 C 2100 C 2100

HIGHWAY	PROGRAM						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS	
						PRIOR YEARS		LINEUNDED
COLINEY	DOUTE/OITY	ID	LOCATION / DECODIDATION	LENGTH	COST	COST	STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM EVANOLATION FOR STANDARD STANDA	UNFUNDED
COUNTY URBAN PRO	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025	FUTURE YEAR
WAKE	US 401	U-5746	FUTURE NC 540 TO SR 1010 (TEN-TEN ROAD). ADD LANES.	1.1	21985	2000 T T	R 10953 U 1314 U 17718 U 1 U 17718 U 17718 U 1 U 17718	
		REG				I		
						PLANNING	DESIGN IN PROGRESS - COORDINATE WITH R-2721 - DESIGN-BUILD PROJECT	
WAKE	US 401	U-5748 REG	SR 2044 (LIGON MILL ROAD) / SR 2224 (MITCHELL MILL ROAD) IN RALEIGH. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	0.5	15004	1300 T T	R 2190 C 11514	
						DI ANNING	DESIGN IN PROGRESS	
WAKE	US 401	U-5751	NC 55 IN FUQUAY-VARINA. CONVERT		7830	700 NHP	R 1380	1
	33 (3)	REG	INTERSECTION TO TRUMPET INTERCHANG TO INCLUDE CONVERSION OF NC 55 / NC 4 INTERSECTION TO INTERCHANGE.		7000	NHP	C 5750	
						PI ANNING	DESIGN IN PROGRESS	
WAKE	NC 54	U-5747	SR 1635 (MCCRIMMON PARKWAY) IN	2.0	20400	1800 T	R 3600	
		REG	MORRISVILLE. CONVERT AT-GRADE INTERSECTION TO GRADE SEPARATION, INCLUDING GRADE SEPARATION OF NORT CAROLINA RAILROAD.	гн		<u>T</u>] [
						PLANNING	DESIGN IN PROGRESS	
WAKE	NC 54	U-5750	NC 540 TO PERIMETER PARK DRIVE IN MORRISVILLE. ADD LANES.	1.3	12901	1100 <u>T</u> <u>T</u> T	R 1964 U 236 C 9601	
		REG				<u> </u>		
						DI ANNUNC	DECIGN IN PROCEEDS	
WAKE	NC 55	U-2901	US 1 TO BRYAN DRIVE IN APEX. WIDEN TO) A 28	8906	1	DESIGN IN PROGRESS	7
WARE	(WILLIAMS STREET)	0 2701	MULTILANE CURB AND GUTTER FACILITY.		0700	T T T	U 91 AC C 3227 AC C C C 3227 AC C C C C C C C C C C C C C C C C C C	
						T T	U 2 B C 2365 B	
						REG AC	S 1 TO APEX PEAKWAY. CONVERT CURRENT MULTILANES TO MEDIAN DIVIDED SECTION - PLANNING / DESIGN IN PROGRESS	-
						REG B	PEX PEAKWAY TO BRYAN DRIVE. WIDEN REMAINING 2-LANE SECTIONS TO MULTILANES.	
						DD0 1507	ACCURATE AND AD COMPLETE	
WAKE	NC 55 BYPASS	U-5749	NC 55 (EAST WILLIAMS STREET) IN HOLLY	,	263		-2901AA AND AB COMPLETE	<u> </u>
		REG	SPRINGS. INTERSECTION IMPROVEMENTS	i.		T	C 188	
						PLANNING	DESIGN IN PROGRESS	
WAKE	SR 1002	U-5811	NC 54 TO I-40 IN MORRISVILLE. WIDEN TO MULTILANES WITH INTERCHANGE	2.4	28787	500 T	R 2558 U 307	
	(AVIATION PARKWAY)		MODIFICATIONS AT I-40.			T	C 8474 C 8474 C 8474	
		DIV						
						PLANNING	DESIGN IN PROGRESS - COORDINATE WITH I-5506 AND I-5702B	
-								

HIGHWAY	PROGRAM					TYP	PE OF WORK / ESTIM	IATED COST IN T	HOUSANDS / PR	OJECT BREAKS			
					TOTAL PRIOR PROJ YEARS	STATE TRANSPORTATION PROGRAM	1			LOPMENTAL PRO	GRAM		UNFUNDED
COUNTY	ROUTE/CITY	ID Number	LOCATION / DESCRIPTION	LENGTH	COST COST (THOU) (THOU) FUNDS	FY 2016 FY 2017 FY 2018 FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
URBAN PRO					(12, (12,)				-				<u> </u>
WAKE	SR 1009 (LAKE WHEELER ROAD)	U-5504	SR 1009 / SR 1370 (TRYON ROAD) TO SR 474 (CENTENNIAL PARKWAY) IN RALEIGH. CONSTRUCT TURN LANES, SIDEWALK, MULTIUSE PATH, AND PEDESTRIAN SAFETY ENHANCEMENTS.		870 870								
					UNDER CO	RUCTION BY CITY OF RALEIGH							
WAKE	SR 1010 (TEN-TEN ROAD)	U-5825	APEX PEAKWAY IN APEX TO KILDARE FARN ROAD IN CARY. WIDEN TO MULTILANES.	1 3.3	31159 T T T T T T T DIV A	EX PEAKWAY TO RELIANCE AVENUE IN APEX. LIANCE AVENUE TO KILDAIRE FARM ROAD IN CARY.	R 2937 B U 352 B		C 5985 B	C 5985 B	R 2389 A U 287 A	C 4408 A	C 8816 A
WAKE	SR 1101 (PINEY GROVE-WILBON ROAD); SR 1114 (RALPH STEVENS ROAD)	U-5318	SR 1101 (PINEY GROVE-WILBON ROAD) AND SR 1114 (RALPH STEVENS ROAD) IN HOLLY SPRINGS. REALIGNMENT OF INTERSECTION, SOME NEW LOCATION.		1784 1784								
	ROAD	DIV											
						IN PROGRESS BY TOWN OF HOLLY SPRINGS							. ——
WAKE	SR 1115 (AVENT FERRY ROAD)	U-5529 DIV	WEST OF SR 1101 (PINEY GROVE - WILBON ROAD) TO VILLAGE WALK DRIVE IN HOLLY SPRINGS. OPERATIONAL IMPROVEMENTS.	0.3	2224 244 STPDA L	1584 396					+ + +		
					PLANNING	SIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF HOLLY S	PRINGS - IN PROGRES	s					
WAKE	SR 1370 (TRYON ROAD)	U-4432 TRN	WEST OF BRIDGE 910259 OVER NORFOLK SOUTHERN RAILWAY TO US 70 / US 401 / NO 50 (WILMINGTON STREET) IN RALEIGH. ROADWAY IMPROVEMENTS, INCLUDING REPLACEMENT OF BRIDGE 910259 OVER NORFOLK SOUTHERN RAILWAY.		14703 13837 <u>L</u>	866							
						ICIPATION BY CITY OF RALEIGH - UNDER CONSTRUCTION							
WAKE	SR 1521 (LAKE PINE DRIVE)	U-5537 DIV	WIDEN TO 3 LANES - NORTH OF MACGREGOR PINES ROAD TO NORTH OF VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST SIDE; 5 FT SIDEWALK WEST SIDE.	0.3	1090 1090								
					PLANNING	SIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF APEX - IN	N PROGRESS						
WAKE	SR 1605 / SR 1615 (GREEN LEVEL WEST ROAD)	U-5500	SR 1600 (GREEN LEVEL CHURCH ROAD) TO NC 55 IN CARY. WIDEN FROM TWO TO FOUR LANES.	1.9	12923 800 L L STPDA L	2073 B 2927 B							R 1558 A C 5565 A
		DIV				1600 (GREEN LEVEL CHURCH ROAD) TO NC 540 IN CARY. WIDE 540 TO NC 55 IN CARY. WIDEN TO 4-LANE DIVIDED FACILITY W						GRESS	
					PLANNING	SIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARY							

HIGHWAY	PROGRAM				TOTAL	PRIOR						TYF	PE OF W	VORK / ES	STIMA	ED CO	ST IN TI	HOUSAN	DS / PR	OJECT	BREAK	S				
		ID			PROJ	YEARS COST		STA	TE TRAI	NSPORTAT	TION PRO	OGRAM							DEVE	LOPME	NTAL F	PROGRA	M			UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 20°	17	FY 2018		FY 2019		FY 2020	_	FY 2	2021	FY	2022	FY	2023	F	Y 2024	FY	′ 2025	FUTURE YEAR
<u>URBAN PRO</u> WAKE	JECTS SR 1632 (LOUIS STEPHENS DRIVE)	U-5827 DIV	POPLAR PIKE LANE IN MORRISVILLE TO SR 2123 (LITTLE DRIVE) IN RESEARCH TRIANGLE PARK. CONSTRUCT ROADWAY ON NEW LOCATION.	0.5	3036	280 T T T							R			C 2	2577					#				
						PLANNING	G / DESIGN IN PRO	GRESS																		
WAKE	SR 1650 (REEDY CREEK ROAD)	U-5501 DIV	NC 54 (NE MAYNARD ROAD) TO SR 1652 (HARRISON AVENUE) IN CARY. WIDEN TO MULTILANES, TO INCLUDE PEDESTRIAN AND SAFETY ENHANCEMENTS.	1.2	9060	360 L L L				R 2300 U 1100	C	5300							\equiv		=	#				
						PI ANNING	G / DESIGN IN PRO	GRESS BY	TOWN O	F CARY																
WAKE	SR 1930 (STADIUM DRIVE) SR 1933 (WEST NORTH AVENUE)	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. SR 1933 (WEST NORT AVENUE), SR 1954 (NORTH WINGATE STREET) TO US 1A (NORTH MAIN STREET) II WAKE FOREST. RESURFACING AND SIDEWALK IMPROVEMENTS.	Н	4394	234 STPDA L STPDA L	R 448 R 112 C 2880 C 720																			
							G / DESIGN IN PRO	GRESS BY	TOWN O	F WAKE FOR	REST	ı			_		-									
WAKE	SR 2000 (FALLS OF NEUSE ROAD)	U-5826 DIV	I-540 TO SR 2006 (DURANT ROAD). ADD LANES.	0.9	11798	1000 T T T							R U					C	7682		<u></u>	#				
WAKE	SR 2000 (FALLS OF NEUSE ROAD)	U-4901	RAVEN RIDGE ROAD TO NORTH OF NEUSE RIVER IN RALEIGH. WIDEN TO MULTILANES PART ON NEW LOCATION INCLUDING NEW STRUCTURE OVER THE NEUSE RIVER.	,	14888	14888 A	G / DESIGN IN PRO RAVEN RIDGE R FONVILLE ROAL	ROAD TO FO					OF RAL	EIGH - OPI	EN TO	RAFFIC										
_							G / DESIGN / CONS	STRUCTION	BY CITY	OF RALEIGH	1															
WAKE	SR 3014 (MORRISVILLE- CARPENTER ROAD)	U-5503	WEST OF SR 1613 (DAVIS DRIVE) TO EAST OF OLD SAVANNAH DRIVE IN MORRISVILLE CONSTRUCT TURN LANE, REALIGN INTERSECTION AND PROVIDE PEDESTRIAN AND SAFETY ENHANCEMENTS.		1072	1072																				
							ONSTRUCTION BY																			
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-4850	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) PLANNING (PL) SUPPLEMENT.		11589	7089 STPDA L		PE 120 PE 30		PE 1200 PE 300									<u>+</u>		<u> </u>	#		++		
		DIV																								
						FORMEDI	_Y U-9999B - IN PR	OGRESS																		
						IONWLKL	- 3-77710 - IN FR	CONLOG																		

					TOTAL	PRIOR							TYPE C	of Worl	C / ESTIM	ATED CC	ST IN TH	IOUSANDS / F	PROJECT BREA	(S				
		ID				YEARS			STAT	E TRANS	PORTATION	ON PROGR	PAM					DE	VELOPMENTAL	PROGRAI	И			UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2	2016	FY 2017	1	FY 2018	FY 2	2019	FY 2	2020	FY	2021	FY 2022	FY 2023	FY	2024	FY 2025	j	FUTURE YEARS
URBAN PROJI FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	ECTS VARIOUS	U-4735 DIV	CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION (CAMPO) STPDA FUNDS - RESERVED FOR FUTURE PROGRAMMING.		84123	STPDA	1			С	6332	C 11	113	C 11	113	C 1	1113	C 11113	C 11113	C	11113	C 11113		
FRANKLIN GRANVILLE HARNETT JOHNSTON WAKE	VARIOUS	U-5118 DIV	OPERATIONAL IMPROVEMENTS FOR SAFETY AND CONGESTION MITIGATION.		9066	7956 STPDA L STPDA O	R C	100 25 788 197																
GRANVILLE	26TH STREET	U-5829	NORTHWEST OF SR 1107 (WILKINS ROAD)	0.8	7519	PLANNING	, DESIGI	N, RIGHT (OF WAY AND	CONSTR	UCTION BY	OTHERS - I	N PROGR	RESS.		R	551	1 1						
GRANVILLE	ZOIN SIREET	DIV	TO SR 1104 (EAST LYON STATION ROAD) IN BUTHER. UPGRADE AND EXTEND ROADWAY, INCLUDING GRADE SEPARATIO OVER I-85.		7319	T T									\pm	U	66	C 6902						
WAKE	MCCRIMMON PARKWAY	U-5828 DIV	SR 3015 (AIRPORT BOULEVARD) TO SR 1003 (AVIATION PARKWAY) IN MORRISVILLE. WIDEN TO MULTILANES, PART ON NEW LOCATION.	2 1.4	14672	T T T									502 300	C 1	1870							
WAKE	MORRISVILLE PARKWAY EXTENSION	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 WAK FREEWAY).	1.8 E	39612	DIV B	C 8 C 10 WEST 0 NC 540	(TRIANGI	E EXPRESS	WAY / WE	STERN WA	KE FREEWA	Y). CONS	STRUCT IN	NTERCHAN	IGE.		ANE RIGHT OF						C 7900 C
18/A 1/E	NODTH HIPD	11 5047	NO SE (NODELL PROAD CERSET) TO NO 40	0.0	00700	PLANNING			GRESS	1	1												_	
WAKE	NORTH JUDD PARKWAY	U-5317 DIV	NC 55 (NORTH BROAD STREET) TO NC 42 (WEST ACADEMY STREET) IN FUQUAY- VARINA, WAKE COUNTY. MULTILANE FACILITY ON NEW LOCATION.	2.3	22700	1500 <u>L</u> L L	_	650	C 15000															
						PLANNING	/ DESIG	SN / RIGHT	OF WAY / Co	ONSTRUC	TION BY TO	OWN OF FU	OUAY-VA	RINA - IN	PROGRES	S								
WAKE	WALKER STREET	U-5117	WEST CHATHAM STREET TO SR 3081 (WES' DURHAM ROAD) IN CARY. WIDEN AND EXTEND ROADWAY, CONSTRUCT GRADE SEPARATION AT NC RAILROAD AND CONSTRUCT ROUNDABOUT.	Γ 0.2	4484	4484	. 22010	,							- NO SINES									
						RIGHT OF	WAY IN I	PROGRES	S BY TOWN	OF CARY														
						·			·		· <u></u>	·			_					· <u> </u>				

					TOTAL F	PRIOR				TYPE	OF WORK / ESTIMA	ATED COST IN TH	HOUSANDS / PRO	JECT BREAKS	;		
		ID			PROJ Y	'EARS		STATE TH	RANSPORTATIO	N PROGRAM			DEVE	LOPMENTAL PR	ROGRAM		UNFUNDED
COUNTY	ROUTE/CITY	ID Number	R LOCATION / DESCRIPTION	LENGTH	COST (THOU) (1	THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
URBAN PRO. WAKE	JECTS WEST STREET	U-5521 DIV	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													
						PROGRAM	MMED FOR PLANN	IING AND ENVIRO	NMENTAL STUDY	ONLY BY CITY OF	RALEIGH - IN PROGR	ESS					
FEASIBILITY DURHAM ORANGE WAKE	<u>STUDIES</u> I-40	FS-1205A	NC 86 IN ORANGE COUNTY TO SR 1728 (WADE AVENUE) IN WAKE COUNTY. CONSTRUCT MANAGED LANES.	23.0													
						FEASIBIL	TY STUDY IN PRO	GRESS									
WAKE	1-40; 1-440	FS-1005A	A I-40 FROM WEST OF SR 1728 (WADE AVENUE) NEAR CARY TO I-440 / US 64 INTERCHANGE (EXIT 301) IN RALEIGH AND 440 FROM I-495 / US 64 / US 264 INTERCHANGE TO I-40 (EXIT 16) IN RALEIGH UPGRADE CORRIDOR, INCLUDING ADDITIONAL GENERAL PURPOSE AND/OR MANAGED LANES, PAVEMENT REHABILITATION, INTERCHANGE MODIFICATIONS, AND OPERATIONAL IMPROVEMENTS.														
						FEASIBIL	TY STUDY IN PRO	GRESS									
DURHAM WAKE	I-540 NC 540	FS-1305A	NC 54 TO US 64-264. CONSTRUCT MANAGEI LANES.	27.0													
						FEASIBIL	TY STUDY IN PRO	GRESS									
EDGECOMBE FRANKLIN MARTIN NASH WAKE	US 64	FS-1504A	SR 1003 (ROLESVILLE ROAD) IN WAKE COUNTY TO US 17 IN WILLIAMSTON. UPGRADE TO INTERSTATE STANDARDS.	86.5													
						FEASIBIL	TY STUDY IN PRO	GRESS									
WAKE	US 401	FS-1205B	SR 2044 (LIGON MILL ROAD) / SR 2224 (MITCHELL MILL ROAD) INTERSECTION IN RALEIGH. CONSTRUCT INTERCHANGE.	0.5													
-						FEASIBIL	TY STUDY IN PRO	GRESS									
WAKE	NC 50 (CREEDMOOR ROAD)	FS-1205D	0 1-540 TO NORTH OF NC 98. WIDEN TO MULTILANE DIVIDED ROADWAY.	5.1													
						FEASIBIL	TY STUDY IN PRO	GRESS									
WAKE	NC 54	FS-1005B	B NC 540 IN MORRISVILLE TO NORTHWEST MAYNARD ROAD IN CARY. WIDEN TO MULTILANES.	6.3													_
						FEASIBIL	TY STUDY IN PRO	GRESS									

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

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					TOTAL I	PRIOR					TYPE OF W	ORK / ESTIMA	ATED COST IN	THOUSANDS / PR	OJECT BREAK	.S		
		ID			PROJ COST	YEARS		STATE	TRANSPORTA	TION PROGRA	М			DEVI	ELOPMENTAL F	PROGRAM		UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	R LOCATION / DESCRIPTION	LENGTH		THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 20	19 F	Y 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
FEASIBILITY WAKE	STUDIES CSX S LINE	FS-1505A	ROGERS ROAD (633905Y) IN WAKE FOREST CONVERT AT-GRADE CROSSING TO GRADE SEPARATION.															
						SCHEDULI	ED FOR FEASIBII	LITY STUDY										
WAKE	NORFOLK SOUTHERN H LINE	FS-1505B	SR 1652 (HARRISON AVENUE) (CROSSING 734755X) IN CARY. CONVERT AT-GRADE CROSSING TO GRADE SEPARATION.															
						SCHEDULI	ED FOR FEASIBII	LITY STUDY										
FEDERAL BR	RIDGE PROJECTS																	
WAKE	US 70 WESTBOUND / NC 50 NORTHBOUND	B-5317 REG	REPLACE BRIDGE 910213 OVER US 401 (CAPITAL BOULEVARD) IN RALEIGH.															
						SCOPE AN	ND COST INCLUD	FD IN R-5121										
WAKE	US 70 / US 401 / NC 50 (CAPITAL BOULEVARD)	B-5121 REG	REPLACE BRIDGE 910227 OVER PEACE STREET AND BRIDGE 910213 OVER US 401 (CAPITAL BOULEVARD) IN RALEIGH AND REVISE INTERCHANGE AT PEACE STREET.		55766	25066 NHPB	C 13600 C 1750	C 13600 C 1750										
WAKE	US 401 (CAPITAL	B-5684	REPLACE BRIDGE 910146 OVER CRABTREE		9037	INCLUDES NHPB	B-5317 - PLANN	ING / DESIGN IN I	PROGRESS - PA	RTICIPATION B	Y CITY OF RA	LEIGH				R 430		
	BOULEVARD)	SW	CREEK IN RALEIGH.			NHPB											C 4304	C 4303
WAKE	NC 50	B-4654 HF	REPLACE BRIDGE 910069 OVER US 70 IN GARNER.		8220	300 HFB HFB				R 7	20 C	7200						
						PLANNING	G / DESIGN IN PRO	OGRESS										
WAKE	NC 97	B-4830 HF	REPLACE BRIDGE 910020 OVER MOCCASIN CREEK.		2005	300 HFB HFB	R 155	C 1550										
						DI ANNING	6 / DESIGN IN PRO	ncdess										
WAKE	SR 1001 (PEARCES ROAD)	B-5140	REPLACE BRIDGE 910195 OVER MOCASSIN CREEK.		1059	100 HFB HFB HFB	R 70 U 89	C 800										
		HF																
						PLANNING	6 / DESIGN IN PRO	OGRESS										
WAKE	SR 1006 (OLD STAGE ROAD)	B-4655	REPLACE BRIDGE 910277 OVER BLACK CREEK.		1098	108 HFB HFB	R 90	C 900										
		HF																
						PLANNING	6 / DESIGN IN PRO	OGRESS										
FRANKLIN	SR 1147 (HOLDEN ROAD)	B-4748	REPLACE BRIDGE 340002 OVER HORSE CREEK.		1326	1326												
	(SESER ROPE)	DIV																
						UNDER CO	ONSTRUCTION											
DIV. District	O-1	F	2-1												207 4115 001	JEDIU 50 AD5 5	DEL MAINLARY AN	

HIGHWAY	PROGRAM			TOI	AL PRIOR					TYPE	OF WOR	K / ESTIM	ATED CO	OST IN TH	IOUSAND	OS / PROJ	ECT BRE	AKS				
		ID		PR	DJ YEARS ST COST		STATI	E TRANSPOR	TATION PRO	OGRAM						DEVELO	PMENTAL	L PROGRA	М			UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION LENG		U) (THOU) FUNDS	FY 2016	FY 2017	7 FY 2	018 F	FY 2019	FY:	2020	FY	′ 2021	FY 2	022	FY 2023	ß F	Y 2024	FY 20	25	FUTURE YEARS
FEDERAL BE WAKE	RIDGE PROJECTS SR 1152	D 4021	DEDLACE DDIDGE 010271 OVED WHITE OAV	10	90 100 HFB		R 90									- 1		 		1 1		
WAKE	(HOLLY SPRINGS - NEW HILL ROAD)	B-4831	REPLACE BRIDGE 910371 OVER WHITE OAK CREEK.	10	90 100 HFB HFB		K 90	С	900												世	
		HF																				
					PLANNING	6 / DESIGN IN PR	ROGRESS															
WAKE	SR 1153 (OLD HOLLY SPRINGS - APEX ROAD)	B-5321	REPLACE BRIDGE 910374 OVER LITTLE BRANCH.	7	50 100 STPOFF STPOFF	R 60	C 600															
		DIV																				
WAKE	SR 1162	B-5161	REPLACE BRIDGE 910362 OVER BEAVER	o	PLANNING 95 225 HFB	70 R 70	ROGRESS				1 1	 -			 					 		
WAKE	(APEX BARBECUE ROAD)		CREEK IN APEX.	7	HFB	K 70	C 700														廿	
		DIV																				
					PLANNING	6 / DESIGN IN PR	ROGRESS															
WAKE	SR 1163 (KELLY ROAD)	B-4991	REPLACE BRIDGE 910359 OVER BEAVER CREEK IN APEX.	58	54 5854																	
		DIV																				
HARNETT	SR 1234	B-5414	REPLACE BRIDGE 420195 OVER BRANCH OF	5	UNDER CO	ONSTRUCTION											R 50					
	(LEAFLET CHURCH ROAD)	DIV	UPPER LITTLE RIVER.		STPOFF													С	525			
WAKE	SR 1321 (AVENT FERRY ROAD)	B-5130	REPLACE BRIDGE 910318 OVER LAKE JOHNSON IN RALEIGH.	23	50 250 STPON	C 1050	C 1050															
	(AVENTTERRY ROAD)	DIV																				
						6 / DESIGN IN PR	ROGRESS															
WAKE	SR 1371 (LAKE WHEELER ROAD)	B-5683 HF	REPLACE BRIDGE 910302 OVER YATES POND SPILLWAY.	13	75 HFB HFB								\blacksquare		R	125	C 1250				出	
		ПГ																				
WAKE	SR 1393 (BASS LAKE	B-4659	REPLACE BRIDGE 910373 OVER BASSAL CREEK IN HOLLY SPRINGS.	30	60 3060																	
	ROAD)	DIV																				
					UNDER CO	ONSTRUCTION																
HARNETT	SR 1544 (GUY ROAD)	B-5339	REPLACE BRIDGE 420233 OVER BLACK RIVER TRIBUTARY.	8	50 STPOFF STPOFF				\Box		\Box	干	圧	\blacksquare		\blacksquare	R 80	С	770		\Box	
	(GOT NOND)	DIV					- 1 - 1			•				l			•	1	-1			

TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST ROUTE/CITY NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 FY 2020 COUNTY FY 2017 FY 2018 FY 2019 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS** FEDERAL BRIDGE PROJECTS JOHNSTON SR 1550 B-5654 REPLACE BRIDGE 500141 OVER WHITE OAK 634 (WINSTON ROAD) CREEK. DIV JOHNSTON SR 1555 REPLACE BRIDGE 500145 OVER SWIFT 1980 B-5664 (BARBOUR MILL CREEK. ROAD) HF WAKE SR 1630 B-5673 REPLACE BRIDGE 910061 OVER KIT CREEK 1440 IN CARY. (GREEN LEVEL CHURCH ROAD) HF WAKE REPLACE BRIDGE 910449 OVER CSX SR 1633 (GOOD HOPE B-5680 1265 CHURCH ROAD) RAILROAD IN CARY. WAKE REPLACE BRIDGE 910494 OVER CRABTREE SR 1670 (BLUE RIDGE B-5676 8140 CREEK IN RALEIGH. ROAD) HF FRANKLIN B-4750 REPLACE BRIDGE 340090 OVER NORRIS 1327 SR 1719 (BRANNON ROAD) CREEK. HF GRANVILLE SR 1724 (NORTHSIDE B-5677 REPLACE BRIDGE 380042 OVER LEDGE 855 CREEK. ROAD) HF JOHNSTON SR 1738 B-5659 REPLACE BRIDGE 500432 OVER CATTAIL 326 STPOFF STPOFF (EATMON ROAD) CREEK. DIV DIVISION PURCHASE ORDER CONTRACT WAKE REPLACE BRIDGE 910157 OVER SMITHS SR 1942 B-5113 841 841 CREEK. (OAK GROVE CHURCH ROAD) DIV UNDER CONSTRUCTION WAKE SR 2044 REPLACE BRIDGE 910126 OVER SMITHS 2080 100 STPOFF CREEK IN WAKE FOREST. STPOFF (LIGON MILL ROAD) DIV PLANNING / DESIGN IN PROGRESS

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

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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

				ΤΟΤΑΙ	PRIOR				TYI	PE OF WOF	RK / ESTIM	ATED COST	IN THOUS	NDS / PROJ	IECT BREAK	S			
		ID		PROJ	YEARS COST		STATE	TRANSPORTATI	ON PROGRAM					DEVELO	OPMENTAL F	PROGRAM			UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION		(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY	2020	FY 20	21 F	Y 2022	FY 2023	FY 2024	FY 2	2025	FUTURE YEARS
FEDERAL BRID JOHNSTON	OGE PROJECTS SR 2123 (OLD DAM ROAD)	B-5661 HF	REPLACE BRIDGE 500243 OVER LITTLE RIVER.	1020	НFВ НFВ										R 95	C 925			
WAKE	SR 2308 (FOWLER ROAD)	B-4662 DIV	REPLACE BRIDGE 910196 OVER MOCCASIN CREEK.	855		PURCHASE ORI	DER CONTRACT	C 600											
WAKE	SR 2555 (RAYNOR ROAD)	B-5326 DIV	REPLACE BRIDGE 910247 OVER WHITE OAK CREEK IN GARNER.	745		G / DESIGN IN P	ROGRESS R 50	C 525										\blacksquare	
WAKE	SR 2703 (NEW BETHEL CHURCH ROAD)	B-5237	REPLACE BRIDGE 910248 OVER MAHLER'S CREEK IN GARNER.	915		G / DESIGN IN P	ROGRESS C 650												
					PI ANNING	G / DESIGN IN P	ROGRESS												
WAKE	SR 2713 (VANDORA SPRINGS ROAD)	B-5681 HF	REPLACE BRIDGE 910258 OVER US 70 IN GARNER.	3850	НГВ НГВ							R 35	60 C	3500					
WAKE	SR 2761 (WIMBERLY ROAD)	B-4833 DIV	REPLACE BRIDGE 910376 OVER LITTLE BLACK CREEK.	965	100 STPOFF STPOFF			R 80	C 785						++				
					PLANNING	G / DESIGN IN P	ROGRESS												
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	BD-5105	DIVISION 5 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	15428	15428														
					IN PROGR	RESS - BRIDGE I	PURCHASE ORDE	R CONTRACT (BPC	C)										
WAKE	PULLEN ROAD	B-5675 HF	REPLACE BRIDGE 910533 OVER SR 1012 (WESTERN BOULEVARD) IN RALEIGH.	2209	HFB HFB							R 20	00 C	2009					
MUNICIPAL BR	IDGE PROJECTS																		
WAKE	LAKE DAM ROAD	B-5556 DIV	REPLACE BRIDGE 910490 OVER WALNUT CREEK IN RALEIGH.	825	STPOFF L STPOFF L	R 60 R 15	C 600 C 150												

PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF RALEIGH - MUNICIPAL BRIDGE PROJECT

					TOTAL	PRIOR				TYPE	OF WORK / ESTIM	ATED COST IN TH	IOUSANDS / PR	OJECT BREAKS			
		ID			PROJ	YEARS COST		STATE T	RANSPORTATIO	N PROGRAM			DEVE	LOPMENTAL PR	ROGRAM		UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
MITIGATION PE DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	ROJECTS VARIOUS	EE-4905	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 5 PROJECT MITIGATION.		15563	15563											
						IN PROGE	RESS										
	ETY PROJECTS																
FRANKLIN VANCE	US 1	W-5317	SR 1135 (WALL ROAD) IN FRANKLIN COUNTY TO US 1 BUSINESS IN VANCE COUNTY. INSTALL MEDIAN BARRIER.	20.2	965	965											
						UNDER C	ONSTRUCTION										
GRANVILLE	NC 56	SF-4905C	ROBERTSON CREEK. GUARDRAIL INSTALLATION.		316	316											
						UNDER C	ONSTRUCTION										
FRANKLIN	SR 1211 (WEST RIVER ROAD)	W-5509	FRANKLINTON TOWN LIMITS TO LOUISBURG TOWN LIMITS. CONSTRUCT PAVED SHOULDERS.	8.4	2455	2455											
						LINDED C	ONSTRUCTION										
WAKE	SR 1656 (TRINITY ROAD)	W-5522 DIV	SR 1658 (YOUTH CENTER DRIVE) INTERSECTION IN RALEIGH. CONSTRUCT PEDESTRIAN TUNNEL UNDER SR 1656 (TRINITY ROAD).		3500	300 HSIP		C 3200									
						PLANNING	G / DESIGN IN PF	ROGRESS									
DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	VARIOUS	W-5205	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		5000	5000											
						IN PROGR	RESS										
	MITIGATION PROJECTS																
WAKE	US 64 BUSINESS (KNIGHTDALE BOULEVARD)	C-5167 EX	CONSTRUCT A DEDICATED RIGHT TURN LANE ALONG EASTBOUND KNIGHTDALE BOULEVARD ONTO SOUTHBOUND SR 2233 (SMITHFIELD ROAD) IN KNIGHTDALE.		750	750											
						UNDER C	ONSTRUCTION I	BY TOWN OF KNIGI	HTDALE								
						OHDER O											

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

					ΤΩΤΔΙ	PRIOR				T	YPE OF	WORK / ES	STIMA	ED COST IN	THOUSANI	DS / PR	OJECT BRE	AKS				
		ID			PROJ	YEARS		STATE	TRANSPORTATIO	ON PROGRA	М					DEVE	LOPMENTA	AL PROG	RAM		ΠГ	UNFUNDED
COUNTY	ROUTE/CITY	ID Number	LOCATION / DESCRIPTION	LENGTH		COST (THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 20 ⁻	19	FY 2020		FY 2021	FY 2	2022	FY 202	23	FY 2024	FY 2025	FL	JTURE YEARS
CONGESTION GRANVILLE	MITIGATION PROJECTS NC 56	C-5166	GREENWAY IN CREEDMOOR. CONSTRUCT BIKE-PEDESTRIAN TRAIL SYSTEM.		2091	333 CMAQ L CMAQ L	C 765 A C 191 A C 642 B C 160 B															
		EX				EX A EX B	GREENWAY IN C	REEDMOOR - V	EASTERN SECTION VESTERN SECTION	I												
WAKE	SR 1005 (SIX FORKS ROAD)	C-5172 EX	CONSTRUCT A FIVE FOOT SIDEWALK FROM COLERIDGE DRIVE TO SR 2000 (WAKE FOREST ROAD) IN RALEIGH.	Л	473		7 DESIGN / RIGHT	OF WAY / CON	STRUCTION BY TO	OWN OF CREE	DMOOR -	IN PROGRES	SS - PA	RTS AND AND	B 10 BE LET	T WITH E	B-5513					
WAKE	SR 1615 (HIGH HOUSE ROAD)	C-5165 EX	SR 3112 (CARY PARKWAY) IN CARY. INTERSECTION IMPROVEMENTS.		3722	UNDER CO	ONSTRUCTION BY C 1728 C 432	CITY OF RALEI	GH												3 E	
						DI ANNING	/ DECICN / DICUT	OF WAY / COM	ICTRUCTION BY TO	NAME OF CARY	IN DDO	CDECC										
GRANVILLE	NEW GREENWAY	C-5114 EX	CONSTRUCT SPUR OF "HIKE AND BIKE" PROJECT IN CREEDMOOR.		479		/ DESIGN / RIGHT	OF WAY / CON	ISTRUCTION BY TO	JWN OF CARY	- IN PROC	JKE33	_									
						UNDER CO	ONSTRUCTION BY	TOWN OF CRE	EDMOOR													
FRANKLIN GRANVILLE JOHNSTON WAKE	VARIOUS	C-5604	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE CAPITAL AREA MPO.)	10905	CMAQ	C 5462	C 5443														
		EX																				
WAKE	VARIOUS	C-5170 EX	BICYCLE LANE STRIPING AND RESTRIPE VARIOUS LANES WITHIN CITY OF RALEIGH	l.	2234	2234																
MAKE	VARIOUS	0.4022	CITAMIDE LIDEDADE OF CICNAL CVCTEM IN		21000		/ DESIGN / RIGHT	OF WAY / CON	STRUCTION BY CI	TY OF RALEIG	H - IN PRO	OGRESS										
WAKE	VARIOUS	C-4923 EX	CITYWIDE UPGRADE OF SIGNAL SYSTEM IN RALEIGH.	V	21000	21000																
							ESS BY CITY OF R	ALEIGH														
WAKE	BUCK JONES ROAD SR 1321 (AVENT FERRY ROAD) SR 2542 (ROCK QUARRY ROAD)	C-5504	I-40 PEDESTRIAN IMPROVEMENT PROJECT IN RALEIGH. CONSTRUCT PEDESTRIAN IMPROVEMENTS AT BUCK JONES ROAD, SF 1321 (AVENT FERRY ROAD), AND SR 2542 (ROCK QUARRY ROAD) OVERPASSES OF I-	3	2050	2050																
		EX																				
						UNDER CO	ONSTRUCTION BY	CITY OF RALEI	GH													
WAKE	CRABTREE CREEK GREENWAY	C-5168 EX	CONSTRUCT GREENWAY CONNECTING EXISTING GREENWAY IN CARY WITH MORRISVILLE.		4358	4358							_ _									
						PLANNING	/ DESIGN / RIGHT	OF WAY / CON	STRUCTION BY TO	OWN OF CARY	- IN PROC	GRESS										
-													_									

CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION

IIIOIIWAI	FROGRAM				TOTAL	PRIOR				TYPE	OF WORK / ESTI	MATED CO	OST IN THO	JSANDS / PR	OJECT BREAKS	5		
		ID			PROJ	YEARS COST		STATE TH	RANSPORTATION	N PROGRAM				DEVE	LOPMENTAL P	ROGRAM		UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY	2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
CONGESTIO	N MITIGATION PROJECTS																	_
WAKE	CRABTREE CREEK GREENWAY	C-5163 EX	CONSTRUCT A CONNECTOR BETWEEN CAPITAL AREA GREENWAY SYSTEM, CARY GREENWAY SYSTEM AND THE MORRISVILL GREENWAY SYSTEM AND THE RESEARCH TRIANGLE PARK.		4081	4081												
						PLANNING	/ DESIGN / RIGH	IT OF WAY / CONS	TRUCTION BY TOW	/N OF CARY - IN F	PROGRESS							
GRANVILLE	EAST LYON STATION GREENWAY	C-5567	TOWN OF BUTNER GREENWAY EXTENSION CONSTRUCT MULTI-USE PATH.	l.	250	70 CMAQ L	C 144 C 36					$\exists \Xi$						
		EX																
						PLANNING	/ DESIGN / RIGH	IT OF WAY / CONS	TRUCTION BY TOW	/N OF BUTNER								
WAKE	PARK-AND-RIDE LOT	C-5169 EX	NORTH CAROLINA STATE UNIVERSITY. CONSTRUCT A ONE ACRE 170 SPACE LOT NEAR NC STATE UNIVERSITY CENTENNIAL		346	346												
			CAMPUS.															
							/ DESIGN / RIGH	IT OF WAY / CONS	TRUCTION BY NOR	TH CAROLINA S	TATE UNIVERSITY							_
WAKE	SMITH GREENWAY SANFORD CREEK GREENWAY	C-5164	CONSTRUCT TRAIL AND SIDEWALKS TO CONNECT MAJOR ACTIVITY CENTERS IN WAKE FOREST.		3333	3333												
		EX																
						DICHT OF	WAY IN DDOOD	CC DV TOWN OF I	WAKE EODEST									
DUDUAM	TRIANGLE	0.4004	TRIANGLE LOQUINOU OF COVERNMENTS		44474			SS BY TOWN OF V				. —		1 1				· —
DURHAM ORANGE WAKE	TRIANGLE J COUNCIL OF GOVERNMENTS	C-4924	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). DEVELOP A FLEXIBLE WORK SCHEDULE FOR EMPLOYEES AND		11174	4949 CMAQ CMAQ L	I 572 A I 505 B I 496 A	I 620 A I 523 B I 579 A	I 640 A I 603 A			┆╞╪						
WAKE	GOVERNMENTS		ORGANIZATIONS IN TRIANGLE OZONE NON ATTAINMENT AREA FOR THREE YEARS.	-		L	I 829 B	I 858 B										
		EX	ATTAINMENT AREA FOR THREE TEARS.								AL AREA MPO (CAM							
						EX B	DEVELOP FLEX	(IBLE WORK SCHE	DULES FOR EMPL	OYEES IN DURHA	AM-CHAPEL HILL-CA	ARRBORO (I	DCHC) - IN P	ROGRESS				
						W. DD		5	0.00									
						IN PROGR	F22 RA LKIWNGT	E J COUNCIL OF (OVERNMENTS									

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	PROJECT COST (THOU)	YEARS COST (THOU)	FUNDS	STATE 1	FY 2017	_	PROVEMENT F	PROGRAM FY 2020	FY 202	1	DE FY 202		PMENTAL PI	ROGRAII		FY 202			NDED YEARS
ROUTE / C TRANSIT F I - Interstat US or NC F SR - Secor	TRANSIT AUTHORITY PARTNER Routes Idary Road Pultiple routes TE or City	DIV LO Pr wo	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC. CATION / DESCRIPTION Oject termini and a general rk description. FUNDING SOURCE (2) See Highway Funding Key for an explanation of funding categories used for each project phase. FUNDING CATEGORY (1) Identifies the "STI" Funding Category for the project and any project breaks.	T,		FUZ CP FUZ CP	700 A BUS S BUS S	TOP SHELT TOP SHELT EQUIPMEN PF Or de	ER AND BE	ter	WORK TY Phases of Preliminary Right of W Utilities or For other or activities	PE (ACTIVI) implementa / Engineerir ay, Mitigatio Construction work types	TY) (3 tion: ng, on,	Pre and cur fun ind typ	TIMAT eliminard Const crent do ding tylicates (e or acc	ED COST Ty Engineering truction cost explans. Cost mapes. Multi-ye (Cash-Flow F tivity beginning are in thouse)	g, Right of estimates ay include ar funding) ag in the i	by funding e one or mo g of a proje with propo nitial scheo	ety, Mitio	ory in ment ork	P 20 UN	FUNDED FUTURE

(1) FUNDING CATEGORY

DIV - Division

HF - State Dollars (Non-STI)

REG - Regional SW - Statewide CMAQ - Congestion Mitigation

FBUS - Capital Program - Bus Earmark (5309)

FEPD - Elderly and Persons with Disablity (5310)

FLAP - Federal Lands Access Program
FMOD - Fixed Guideway Modifications

FNF - New Freedom Program

FSPR - State Planning and Research

HP - Federal-Aid High Priority

JARC - Job Assistance and Reverse Commute (3037)

(2) FUNDING SOURCES KEY

ADTAP - Applalachian Development Transportation Assistance Pgm.

DP - Discretionary or Demonstration

FED - Federal Rail Funds

FF - Federal Ferry

FMPL - Metropolitan Planning (5303)

FNS - New Starts - Capital (5309)

FNU - Non Urbanized Area Formula Program (5311)

FSGR - State of Good Repair

FUZ - Urbanized Area Formula Program (5307)

L - Local

O - Other

TOTAL

PRIOR

RR - Rail-Highway Safety

RTAP - Rural Transit Assistance Program

S - State

S (M) - State Match

SMAP - Operating Assistance and State Maintenance

SRTS - Safe Routes to School

STAT - State

STHSR - Stimulus High Speed Rail

STP - Surface Transportation Program

STPDA - Surface Transportation Program - Direct Attributable

STPE - Surface Transportation Program, Enhancements

STPEB - Surface Transportation Program, Enhancements (Bike)

T - State Highway Trust Funds

T2001 - State Rail Funds

TAP - Transportation Alternatives Program

TAPDA - Transportation Alternatives Program - Direct Attributable

TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)

A - Acquisition

AD - Administrative

C - Construction CP - Capital

I - Impementation

O - Operations

Oc - OPS Funded Capital

PE - Preliminary Engineering

PL - Planning / Design

R - Right-of-Way

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS COUNTY ROUTE/CITY NUMBER FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS AVIATION PROJECTS** WAKE RALEIGH DURHAM AV-5700 RECONSTRUCT RUNWAY 5L-23R. 100000 99500 INTERNATIONAL AIRPORT (RDU) SW BICYCLE AND PEDESTRIAN PROJECTS GRANVILLE EB-5513 HILLSBOROUGH STREET TO NC 56 IN 0.7 US 15 CREEDMOOR. CONSTRUCT SIDEWALK / TRN PATH. PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF CREEDMOOR - IN PROGRESS - TO BE LET WITH C-5166A AND C-5166B WAKE SR 1012 EB-5718 CONSTRUCT BICYCLE / PEDESTRIAN 5000 **TUNNEL IMMEDIATELY WEST OF SR 1321** (WESTERN (AVENT FERRY ROAD) IN RALEIGH. ΤΔΡ BOULEVARD) 3200 DIV PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF RALEIGH WAKE SR 4363 EB-5709 SOUTH SAUNDERS STREET TO SR 1007 2.8 1000 (POOLE ROAD) IN RALEIGH. CONSTRUCT (MARTIN LUTHER DEDICATED BICYCLE LANES. KING, JR. BOULEVARD) DIV PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF RALEIGH FRANKLIN PEDESTRIAN, BICYCLE, AND TRANSIT VARIOUS EL-5100 13893 13893 PROJECTS IN THE CAPITAL AREA GRANVILLE METROPOLITAN PLANNING ORGANIZATION HARNETT JOHNSTON WAKE DIV PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY OTHERS - IN PROGRESS. 687 STPDA PE FRANKLIN VARIOUS U-5530 CAPITAL AREA MPO: BICYCLE, 24337 418 PEDESTRIAN, TRANSIT, AND TAPDA GRANVILLE TRANSPORTATION ALTERNATIVES 126 PE 126 126 HARNETT PROGRAM (TAP)-ELIGIBLE PROJECTS. STPDA R 836 836 836 JOHNSTON TAPDA WAKE 254 254 254 STPDA C 2924 2924 2924 TAPDA C 626 626 626 887 887 887 TAPDA DIV PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY LOCAL GOVERNMENT AGENCIES - TAPDA FUNDING INCLUDES UNPROGRAMMED BALANCE; PROGRAMMING SUBJECT TO MPO APPROVAL WAKE MOUNTAINS-TO-SEA EB-5545 UPPER NEUSE RIVER GREENWAY 830 830 HORSESHOE BEND SECTION, WRAL TRAIL SOCCER COMPLEX ON SR 2006 (PERRY CREEK ROAD) TO EXISTING SECTION WEST OF US 401 IN RALEIGH. CONSTRUCT GREENWAY. UNDER CONSTRUCTION BY CITY OF RALEIGH

					TOTAL	PRIOR						TYPE OF \	WORK / ESTI	IMAT	ED COST IN	THOUSAND	OS / PROJ	IECT BRE	AKS				
		ID			PROJ COST	YEARS		Sī	TATE TR	RANSPORTATIO	N PROGR	PAM		brack I			DEVELO	OPMENTA	L PROGI	RAM			UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	FY 2016	FY 2	2017	FY 2018	FY 2	2019	FY 2020		FY 2021	FY 2	022	FY 202	3	FY 2024	FY	2025	FUTURE YEARS
PUBLIC TRAI WAKE	US 64 BUSINESS	TD-4912 DIV	NEW HOPE ROAD IN RALEIGH. CONSTRUCT TRANSFER FACILITY.		880	FED T L	C 704 C 88 C 88] [
WAKE	CAPITAL AREA TRANSIT	TA-5140 HF	BUS REPLACEMENT		12640	L	CP 1750 CP 270 CP 270	CP	1750 270 270	CP 1750 CP 270				3 6									
WAKE	CAPITAL AREA TRANSIT	TA-4903 HF	REPLACEMENT BUS		5678	L	CP 900 CP 113 CP 113] [
WAKE	CAPITAL AREA TRANSIT	TA-4903A HF	REPLACEMENT BUS - WEST RALEIGH		6900	6900 CMAQ FUZ L S																	
WAKE	CAPITAL AREA TRANSIT	TD-5269 HF	FACILITY - TRANSIT CENTER. UNION STATION BUS COMPONENT		7519	3019 FUZ L STPDA	C 1200 C 300		1200 300	C 1200 C 300] [
WAKE	CAPITAL AREA TRANSIT	TD-5116 HF	FACILITY - PARK & RIDE - POOLE ROAD		6996	4380 FUZ L S				C 1392 C 174 C 174			700 88 88 88] [
WAKE	CAPITAL AREA TRANSIT	TD-5274 HF	FACILITY - PARA-TRANSIT - RENOVATION CAT/WAKE COORDINATED		1300	1300 L STPDA								3 8	1 1							\blacksquare	
WAKE	CAPITAL AREA TRANSIT	TD-4943 HF	FACILITY - TRANSIT CENTER - MOORE SQUARE STATION EXPANSION.		6453	6453 FBUS FUZ L STPDA																	

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 COUNTY ROUTE/CITY FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS** PUBLIC TRANSPORTATION PROJECTS ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE 60920 24670 FUZ 3400 CP 3400 3400 WAKE CAPITAL AREA TG-4792 4000 3400 TRANSIT 500 850 CP 850 500 CP 500 CP 850 850 CP 850 VEHICLES, ETC TG-4792B ADA PARATRANSIT SERVICE WAKE CAPITAL AREA 4375 2500 FUZ TRANSIT WAKE | O 3000 | O 3000 | O 2572 | CAPITAL AREA TO-5128 OPERATING ASSISTANCE 38168 16308 SMAP O 3000 TRANSIT HF WAKE CAPITAL AREA TP-5100A PLANNING ASSISTANCE - 5303 4819 TRANSIT WAKE CAPITAL AREA TP-5100B PLANNING ASSISTANCE - 5307 5806 TRANSIT HF CAPITAL AREA WAKE TQ-9037 5310 CAPITAL 1341 TRANSIT HF CAPITAL AREA TRANSIT WAKE TQ-6953 5310 OPERATING 1758 HF WAKE CAPITAL AREA TQ-7006 5310 ADMINISTRATION 150 FEPD AD 50 AD 50 AD 50 TRANSIT HF WAKE CAPITAL AREA TS-5104 SAFETY & SECURITY - MIN. 1% SET ASIDE 873 TRANSIT HF WAKE CAPITAL AREA TS-5131 SAFETY & SECURITY - SURVEILLANCE 1106 **TRANSIT CAMERAS** STPDA HF

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

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					TOTAL	PRIOR						TYPE	OF WOR	RK / ESTIM	IATED C	COST IN T	HOUSAN	IDS / PRO	OJECT BR	EAKS						
		ID			PROJ COST	YEARS		STA	ATE TRANS	SPORTATIO	ON PRO	GRAM						DEVE	LOPMENT	AL PRO	OGRAM				UNFUNL	DED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 2	017	FY 2018	F	Y 2019	FY	2020	F	Y 2021	FY	2022	FY 20)23	FY 20	024	FY 20)25	FUTURE Y	'EARS
PUBLIC TRA	NSPORTATION PROJECTS CARY TRANSIT /C- TRAN	TD-5264B	CONSTRUCT BUS MAINTENANCE FACILITY AT TOWERVIEW COURT IN CARY.		7000	FED T L			700 700																	
WAKE	CARY TRANSIT/C-TRAN	TD-5264A HF	FACILITY-OPERATIONS AND MAINTENANCE	<u> </u>	1255	1255 L STPDA									\Box									\blacksquare		\equiv
WAKE	CARY TRANSIT/C-TRAN	TG-4935A HF	ROUTINE CAPITAL - COST OF CONTRACTIN	lG	59350	22550 FUZ L	O 2000 O 2600		000 C		0	2000 2600	0	2000 2600	0	2000 2600		2000 2600	0 20 0 26							\blacksquare
WAKE	CARY TRANSIT/C-TRAN	TO-5129 HF	OPERATING ASSISTANCE		3226	1086 SMAP	O 195	0 1	195 C	200	0	200	0	210	0	220	0	220	0 2	30			1			
WAKE	CARY TRANSIT/C-TRAN	TP-5112	PLANNING ASSISTANCE		2989	250 FNU FUZ L S	PL 160 PL 32		180 PL		PL PL	210 42	PL PL	230 46	PL PL	240 48	PL PL	250 50		52				80 56		
WAKE	CARY TRANSIT/C-TRAN	TS-5105 HF	SAFETY & SECURITY - MIN. 1% SET ASIDE		381	138 FUZ L STPDA	CP 17 CP 3	CP CP	18 CF		CP CP	20 4	CP CP	20 4	CP CP	20 4	CP CP	22 4	CP CP	22 4	CP CP		_	23 5		
WAKE	SOUTH WILMINGTON STREET		PECAN ROAD IN RALEIGH. CONSTRUCT OF STREET TRANSFER FACILITY.	FF-	880	FED T L	C 704 C 88 C 88																			
WAKE	THE ARC OF WAKE COUNTY	TA-6524 HF	CAPITAL		47	47 FEPD L S																				
WAKE	THE ARC OF WAKE COUNTY	TQ-6162 HF	MOBILITY MANAGEMENT		19	19 FEPD L S																				\blacksquare

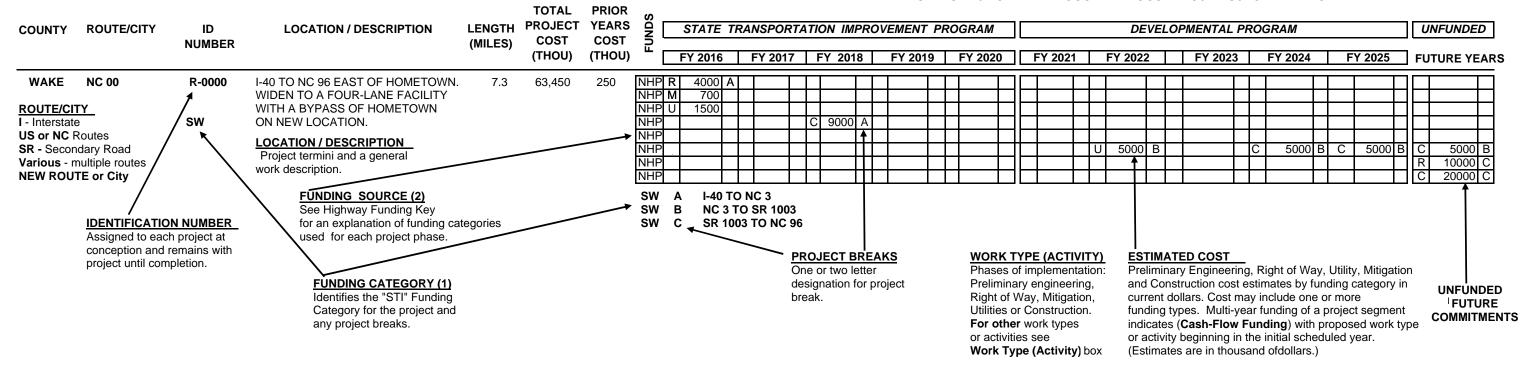
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 COUNTY ROUTE/CITY FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS PUBLIC TRANSPORTATION PROJECTS** THE ARC OF WAKE TQ-9005 CAPITAL - PURCHASE OF SERVICE COUNTY HF WAKE THE ARC OF WAKE TQ-6802 OPERATING 10 10 FEPD COUNTY HF WAKE THE ARC OF WAKE TQ-6161 OPERATING ASSISTANCE 14 FEPD 14 COUNTY WAKE TRIANGLE TRANSIT TA-5123A EXPANSION BUS 19270 12786 FUZ AUTHORITY HF WAKE TRIANGLE TRANSIT TA-4818A EXPANSION BUS 7410 5486 FBUS AUTHORITY TRIANGLE TRANSIT WAKE TD-4941 FACILITY - PARK & RIDE - CAMPO FUNDED 736 736 STPDA AUTHORITY HF C 500000 C 500000 C TE-4903A FIXED GUIDEWAY - LIGHT RAIL SERVICE-2000 FED DURHAM TRIANGLE TRANSIT CARY/RALEIGH ORANGE AUTHORITY WAKE HF WAKE TE-4903B FIXED GUIDEWAY - COMMUTER RAIL C 222 C 222 C 222 TRIANGLE TRANSIT SERVICE- DURHAM/RALEIGH AUTHORITY TG-4821B ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE DURHAM TRIANGLE TRANSIT 24490 ORANGE AUTHORITY 366 PARTS, ENGINES, FAREBOX, SERVICE WAKE VEHICLES, ETC INCLUDES ADA, PM AND SERVICE VEHICLES WAKE TRIANGLE TRANSIT TM-6109 OPERATING ASSISTANCE - JOB ACCESS / 404 JARC REVERSE COMMUTE - NON-URBAN SERVICE AUTHORITY

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST ROUTE/CITY NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 COUNTY FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS PUBLIC TRANSPORTATION PROJECTS** 27619 12003 SMAP O 1952 TRIANGLE TRANSIT TO-5131 OPERATING ASSISTANCE AUTHORITY WAKE TO-5131B OPERATING ASSISTANCE - EXPRESS BUS TRIANGLE TRANSIT 564 CMAQ HOLLY SPRINGS, APEX AND CARY AUTHORITY WAKE TRIANGLE TRANSIT TP-4732B PLANNING ASSISTANCE 8429 2588 FUZ AUTHORITY HF WAKE TRIANGLE TRANSIT TS-5118 SAFETY & SECURITY - MIN. 1% SET ASIDE 450 AUTHORITY HF WAKE WAKE COORDINATED TA-6136 CAPITAL 2284 FNU TRANSPORTATION SERVICE HF WAKE 2375 FNU WAKE COORDINATED TK-6170 ADMINISTRATION 5422 FNU TRANSPORTATION SERVICE WAKE WAKE COORDINATED TN-6116 OPERATING ASSISTANCE 240 120 FNF TRANSPORTATION SERVICE HF WAKE WAKE COORDINATED TN-6117 MOBILITY MANAGEMENT 152 76 FNF TRANSPORTATION SERVICE DURHAM TQ-9032 CAPITAL - PURCHASE OF SERVICE ORANGE WAKE HF

	, , , , , , , , , , , , , , , , , , ,				ΤΟΤΔΙ	PRIOR						TYPE C	OF WORK	C / ESTIM	ATED C	OST IN T	THOUSA	NDS / P	ROJECT	BREAL	(S					
		ID			PROJ	YEARS COST		STA	TE TRAN	SPORTATIO	ON PROGR	RAM						DE	/ELOPM	ENTAL	PROGRA	4 <i>M</i>			UNFUNDED	
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 20)17	FY 2018	FY	2019	FY 2	2020	F'	Y 2021	F	2022	F	Y 2023	ı	Y 2024	F'	Y 2025	FUTURE YEAR	₹S
PASSENGER RA ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE ROWAN WAKE	AIL PROJECTS VARIOUS	P-4405	PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.		14937	10116 STHSR 0	C 3000 C 880	C 9.	41																	3
DURHAM	VARIOUS	TRN U-4716	VARIOUS ROUTES AND NORFOLK		30037	IN PROG 25751 O	RESS							ightharpoons	П										R 1126 D	
WAKE	PIEDMONT CORRIDOR		SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD IN DURHAM AND MORRISVILLE, SOUTH OF I-40 TO NORTH OF MCCRIMMON PARKWAY. CONSTRUCT A GRADE SEPARATION AT SR 1978 (HOPSON ROAD), EXTEND CHURCH STREET TO HOPSON ROAD, CLOSE CHURCH STREET CROSSING 734 748M OF THE NORFOLK SOUTHERNNORTH CAROLINA RAILROAD, CONSTRUCT SECOND TRACK, AND WIDEN HOPSON ROAFROM EAST OF SR 1999 (DAVIS DRIVE) TO NC 54.			A B C D	UNDER CONS CLEGG TO NE	UTHERN RAIL TRUCTION LSON. CONS	LROAD / NO	C RAILROAD	TO SR 1978 G - UNDER	(HOPSOI	N ROAD) F UCTION	REALIGN A	AND CLO								CAROLIN	A RAILROA) -	_
EDGECOMBE HALIFAX NASH WAKE	CSXT RR	P-5005	CONGESTION MITIGATION CROSSOVERS.		30521	30521 TRN A TRN B TRN C TRN D	CAROLINIAN (CORRIDOR - (CORRIDOR - (CSXT MP A	115.9 (ARMS 86.4 (SOUTH	TRONG CR	ROSSING) CROSSING														_
WAKE	NCRR	P-5500 TRN	RALEIGH UNION STATION PROJECT - PHAS I. CONSTRUCT RALEIGH TRAIN STATION AND ASSOCIATED RAIL TRACK AND SIDING IMPROVEMENTS TO INCREASE PASSENGER AND FREIGHT CAPACITY.	i	100918	S DP S L DP STHSR S A TRN B	RESS R 2250 B R 750 B C 13688 B C 2838 B C 2838 B C 1119 C C 4362 C C 373 C CSXT S-LINE, STATION SITE TRACK IMPRO	C 1366 C 288 C 844 C 111 C 149 C 3 TRACK AND S	38 B	Y IN PROGRI	S - BOYLAI	N WYE CR	OSSOVER	R - DELET	ED - WOI	RK TO BE	ACCOM	PLISHED	UNDER	P-5005D.						
WAKE	PIEDMONT CORRIDOR	P-5201 TRN	MORRISVILLE PARKWAY GRADE SEPARATION AND TRACK REALIGNMENT.		27467	27467	OS - FEDERAL TIGES APPROVAL)								CT INCL	UDES IN-I	KIND PRO	PERTY (CONTRIB	UTION B	Y TRIANG	GLE TRAN:	SIT (CONT	INGENT ON	TT BOARD OF	_

NON HIGHWAY PROGRAM

					TOTAL PRIOR				TYPE	OF WORK / ESTIMA	ATEC	D COST IN T	HOUSANDS / PF	ROJECT BREAK	S		
		ID			PROJ YEARS COST COST		STATE TH	RANSPORTATIO	ON PROGRAM		Г		DEV	ELOPMENTAL P	ROGRAM		UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (THOU) FUND	S FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
PASSENGER R	RAIL PROJECTS																
ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE RANDOLPH ROWAN WAKE	PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.		151756 148006 CMAQ	O 3750											
WAIL		EX			A C C E F C C	B PURCHASE 2 L C EQUIPMENT R D EQUIPMENT R D PASSENGER T CRISP CHARLE D PURCHASE 4 L CAPITAL YARE	OTTE MAINTENANC JSED PASSENGER	S - COMPLETE LOCOMOTIVES - PASSENGER CAI (STEM, CCTV DAT EE FACILITY - TRA CARS AND REHA EMENTS - EXTEN	IN PROGRESS RS - COMPLETE TA NETWORK AND ACK EXTENSION AI BILITATE 7 PASSE D TRACKS 1 AND 2	GENERATORS - IN PI ND SHOP BUILDING - NGER CARS - IN PRO P., MAJOR WORK TRAC RESS	IN PR	ROGRESS SS	SS				
					ADDITIO	ONAL PROJECT FU	NDING INCLUDES A	ANTICIPATED \$6.6	5 MILLION / YR LEG	ISLATIVE APPROPRIA	ATION	N FROM STAT	E HIGHWAY FUNI	D, TO BE USED FO	R OPERATIONS		



(1) FUNDING CATEGORY

DIV - Division EX - Exempt

HF - State Dollars (Non-STI)

REG - Regional

SW - Statewide

TRN -Transition Project

(2) FUNDING KEY FOR HIGHWAY FUNDING SOURCES

APD - Appalachian Development

BA - Bonus Allocation

BOND (R) - Revenue Bond **CMAQ** - Congestion Mitigation

DP - Discretionary or Demonstration

ER - Emergency Relief Funds

HFB - Highway Fund Bridge Replacement Program

HP - Federal-Aid High Priority

HRRR - High Risk Rural Roads

HSIP - Highway Safety Improvement Program

L - Local

NHP - National Highway Performance Program

NHPB - National Highway Performance Program (Bridge)

NHPBA - National Highway Performance Program (Bonus Allocation)

NHPIM - National Highway Performance Program (Interstate Maintenance)

O - Others

S - State

S (M) - State Match

STP - Surface Transportation Program

STPDA - Surface Transportation Program - Direct Attributable STPOFF -Surface Transportation Program (Off System Bridge)

STPON - Surface Transportation Program Bridge (On System Bridge)

T - State Highway Trust Funds

(3) WORK TYPE (ACTIVITY)

A - Acquisition

C - Construction

CG - Construction (GARVEE)

F - Feasibility Study

G - Grading and Structures

I - Implementation

L - Landscaping

M - Mitigation

O - Operations

P - Paving PE - Preliminary Engineering

R - Right of Way

RG - Right of Way (GARVEE)

S - Structure

U - Utilities

				T	TOTAL F	PRIOR	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
		ID			PROJ COST			STATE	TRANSPORTATI	ON PROGRAM			DEV	ELOPMENTAL P	ROGRAM		UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
INTERSTATE STATEWIDE	PROJECTS VARIOUS	I-9999 SW	INTERSTATE MAINTENANCE BALANCE.		488522	NHPIM	C 5000	C 5000	C 5000	C 5000	C 5000	C 63522	C 100000	C 100000	C 100000	C 100000	
RURAL PROJ	JECTS																_
STATEWIDE	VARIOUS	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS														
						IN PROGE	RESS										
STATEWIDE	VARIOUS	M-0219 SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		4257	REG RE	PE 75 RE PE 100 SV PHOTOGRAMM G PHOTOGRAMM	PE 75 F V PE 100 S METRY, PRELIMIT METRY, PRELIMIT	RE PE 75 R SW PE 100 S NARY ENGINEERIN NARY ENGINEERIN	E PE 75 R W PE 100 S G FOR MISCELLAN G FOR MISCELLAN	NE PE 75 DIV NE PE 75 RE NE PE 100 SW NEOUS PROJECTS NEOUS PROJECTS NEOUS PROJECTS	PE 75 R	E PE 75 R	V PE 75 DI E PE 75 RI N PE 100 SV	E PE 75 R	NV PE 75 [E PE 75] W PE 100]	RE
STATEWIDE	VARIOUS	M-0479 SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINAR' ENGINEERING FOR MISCELLANEOUS PROJECTS.		5500	REG RE	G STATEWIDE P	PE 150 F V PE 200 S ROJECT DEVELO ROJECT DEVELO	RE PE 150 R SW PE 200 S DPMENT AND ENVI	E PE 150 R W PE 200 S RONMENTAL ANAL RONMENTAL ANAL	IV PE 150 DIV E PE 150 RE W PE 200 SW LYSIS, PRELIMINARY E LYSIS, PRELIMINARY E	PE 150 R PE 200 S ENGINEERING FOR ENGINEERING FOR	E PE 150 R W PE 200 S R MISCELLANEOUS R MISCELLANEOUS	N PE 200 SN S PROJECTS. S PROJECTS.	PE 150 R	IV PE 150 I E PE 150 I W PE 200	RE
STATEWIDE	VARIOUS	M-0360 SW	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		21180	REG RE	G DESIGN SERV	PE 300 F V PE 400 S ICES, PRELIMINA ICES, PRELIMINA	RE PE 300 F	E PE 300 R W PE 400 S FOR MISCELLANE FOR MISCELLANE	OUS PROJECTS.		E PE 300 R	V PE 300 DI E PE 300 RE N PE 400 SV	E PE 300 R	IV PE 300 [E PE 300 [W PE 400]	RE
						IN PROGE	DECC										
STATEWIDE	VARIOUS	M-0376 SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NOT PROJECT SPECIFIC WORK.		20066	11066 T T T T DIV DIV REG RE	PE 270 DI PE 270 RE PE 360 SV STATEWIDE G	PE 270 F N PE 360 S EOTECHNICAL S	RE PE 270 F SW PE 360 S STUDIES AND INVES STUDIES AND INVES	E PE 270 R W PE 360 S STIGATIONS PROJ	PE 270 DIV E PE 270 RE W PE 360 SW ECT TO COVER NON-F ECT TO COVER NON-F	PE 270 R PE 360 S PROJECT SPECIFICATION OF THE PROJECT SPECIFICATION OF TH	E PE 270 R W PE 360 SI C WORK. C WORK.	V PE 270 DI E PE 270 RE N PE 360 SV	E PE 270 R	V PE 270 E E PE 270 F W PE 360 S	RE
						IN PROGE	RESS										
STATEWIDE	VARIOUS	M-0392 SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	ò	3720	2120 T T T DIV DIV REG RE	PE 48 DI PE 48 RE PE 64 SV HYDRAULICS, G HYDRAULICS,	PE 48 F N PE 64 S PRELIMINARY E PRELIMINARY E	RE PE 48 F	E PE 48 R W PE 64 S MISCELLANEOUS MISCELLANEOUS	PROJECTS.	PE 48 R	E PE 48 R	E PE 48 RE	E PE 48 R	IV PE 48 [IE PE 48 F W PE 64 S	RE
						IN PROGE	RESS										

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

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

					TOTAL	PRIOR				TYPE C	OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
		ID			PROJ	YEARS COST		STATE TR	RANSPORTATION	PROGRAM			DEVE	LOPMENTAL PR	ROGRAM		UNFUNDED			
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		(THOU)	FUNDS FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS			
RURAL PROJ								TI	1					II			1			
STATEWIDE	VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS		8478	4478	Γ PE 120 DIV Γ PE 120 RE					PE 120 DIV PE 120 RE				V PE 120 DIV E PE 120 RE				
		SW	PROJECTS.				T PE 160 SW					PE 160 SW	PE 160 SW	PE 160 SW	/ PE 160 S	N PE 160 SW				
		SVV					DIV DIV STRUCTURE DI REG REG STRUCTURE DI													
							SW SW STRUCTURE D	•												
						I	N PROGRESS													
STATEWIDE	VARIOUS	R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE																	
		EX	IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE	N																
			OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL																	
			LANDS.																	
							PROGRAM IN PROGRESS													
STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM	1	265523												· -			
			(SIGNAL MAINTENANCE).																	
							N PROGRESS													
STATEWIDE	VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT		158759							-					<u> </u>			
			MANAGEMENT, 511, SMARTLINK, TEC, TMC	C).																
							N PROGRESS													
STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMEN	NT	89398	89398						-					<u> </u>			
			MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).																	
STATEWIDE	VARIOUS	R-4073	ASPHALT MATERIALS TESTING		17399	17399	N PROGRESS					-								
on the mode	viilloos		LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		17077	17077														
			TOR GROUNDWATER GLEAR OF AT 34 311	L3.																
							N PROGRESS			-11		Cal assalana	T al	[al and an			. —			
STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		61399							C 3000 DIV	C 3000 DIV	C 3000 DIV	/ C 3000 DI	V C 3000 DIV				
							DIV DIV NPDES PERMIT	, RETROFIT FOUR	TEEN SITES PER YE	AR TO PROTECT	WATER QUALITY.									
						1	N PROGRESS													
STATEWIDE	VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		73971	63971	NHP M 150 DIV NHP M 150 RE			M 150 DIV M 150 RE	M 150 DIV M 150 RE	M 150 DIV M 150 RE	M 150 DIV	M 150 DIV M 150 RE		V M 150 DIV E M 150 RE				
			WINNIVIZATION.				NHP M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	/ M 200 S\	W M 200 SW				
							T M 150 DIV T M 150 RE			M 150 DIV M 150 RE	M 150 DIV M 150 RE	M 150 DIV M 150 RE	M 150 DIV M 150 RE	M 150 DIV M 150 RE		M 150 RE				
		SW				Ĺ	T M 200 SW		-	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	/ M 200 S	W M 200 SW				
		· · ·					DIV DIV ENVIRONMENT REG REG ENVIRONMENT													
						:	SW SW ENVIRONMENT	AL MITIGATION AN	ID MINIMIZATION.											
						l	N PROGRESS													
FEASIBILITY : STATEWIDE	<u>STUDIES</u> VARIOUS	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES		3064	1064	T PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200				
OMILWIDL	v. 11.1003	SW	. SEEMON IN MONIE I ENGINEET I STUDIES		5504	1007 [11 -001					200			200	11 200				

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HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS STATE TRANSPORTATION PROGRAM DEVELOPMENTAL PROGRAM UNFUNDED COST COST NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 COUNTY ROUTE/CITY FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 **FUTURE YEARS** FEDERAL BRIDGE PROJECTS 300121 190121 STP I 3300 DIV STATEWIDE VARIOUS BRIDGE INSPECTION PROGRAM. I 4400 SW DIV DIV BRIDGE INSPECTION PROGRAM. REG REG BRIDGE INSPECTION PROGRAM. SW SW BRIDGE INSPECTION PROGRAM. IN PROGRESS STATEWIDE VARIOUS BK-5100 ESTABLISH BRIDGE MANAGEMENT SYSTEM. 5000 5000 DIV IN PROGRESS STATEWIDE VARIOUS DECK PRESERVATION AT 15 SELECTED BK-5101 7747 7747 DIV UNDER CONSTRUCTION STATEWIDE VARIOUS IN-DEPTH ENGINEERING EVALUATION OF BK-5132 1000 WEIGHT RESTRICTIONS ON LOAD POSTED REG BRIDGES ON US AND NC DESIGNATED IN PROGRESS STATEWIDE VARIOUS BK-5102 BRIDGE PAINTING AT 19 SELECTED 2027 2027 DIV IN PROGRESS STATEWIDE VARIOUS BRIDGE PRESERVATION AT SELECTED BK-5131 1500 1500 DIV UNDER CONSTRUCTION STATEWIDE VARIOUS BRIDGE PRESERVATION ISSUES AT 14270 14270 SELECTED SITES. SW DIV BRIDGE PRESERVATION ISSUES AT SELECTED SITES. SW REG BRIDGE PRESERVATION ISSUES AT SELECTED SITES. SW SW BRIDGE PRESERVATION ISSUES AT SELECTED SITES. STATEWIDE VARIOUS SCOUR EVALUATION PROGRAM OF M-0379 3100 3100 EXISTING BRIDGES. DIV IN PROGRESS

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
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STORM WATER RUNOFF. RESEARCH,

DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS.

(HB 2346, SECTION 25.18)

5860

5860

UNDER CONSTRUCTION

STATEWIDE

VARIOUS

					TOTAL	PRIOR				TY	YPE OF WORK	:/ESTIMA	ATED COST IN THO	USANDS / PROJI	CT BREAKS				
		ID				YEARS		STATE TI	RANSPORTATI	ON PROGRAM	1			DEVELO	PMENTAL PROG	RAM		UNFUN	IDED
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH		COST (THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	9 FY 20	020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE '	YEARS
MITIGATION PE	ROJECTS VARIOUS	R-9999MW SW	ENVORINMENTAL MITIGATION AND MINIMIZATION.		73971	REG RE	M 150 DIV M 150 RE M 200 SW M 150 DIV M 150 RE M 200 SW C ENVIRONMENTA C ENVIRONMENTA	M 150 RE M 200 SW M 150 DIV M 150 RE M 200 SW L MITIGATION ALL MITIGATION A	M 150 R / M 200 S / M 150 D / M 150 D / M 200 S / M 200 S / M 200 S / M 200 S ND MINIMIZATION	E M 150 W M 200 IV M 150 E M 150 W M 200 IV M 150 IV M 200 IV M 150 IV M 150 IV M 150 IV M 150	RE M 1 SW M 2 DIV M 1 RE M 1	150 DIV 150 RE 200 SW 150 DIV 150 RE 200 SW	M 150 RE M 200 SW M 150 DIV M 150 RE	M 200 SW		150 RE 200 SW 150 DIV 150 RE	M 150 RE M 200 SW M 150 DIV M 150 RE		
						IN PROG	RESS												
HIGHWAY SAF	ETY PROJECTS																		
STATEWIDE	VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.)	66000	REG RE	PE 1650 DIV PE 1650 RE PE 2200 SW / SAFETY MANAGI G SAFETY MANAGI / SAFETY MANAGI	PE 1650 RE PE 2200 SW EMENT PROGRA EMENT PROGRA	PE 1650 R PE 2200 S M, PROJECT IDE M, PROJECT IDE	E PE 1650 W PE 2200 NTIFICATION, A	RE PE 16 SW PE 22 NALYSIS AND P	PRELIMINA	RY ENGINEERING.	PE 1650 RE F	E 1650 RE P	E 1650 RE	PE 1650 RE		
STATEWIDE	VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT		186200	HSIP			C 6450 D			I10 DIV	C 7110 DIV	C 7110 DIV	C 7110 DIV (7110 DIV			二
			PROGRAM BALANCE.			HSIP HSIP			C 6450 R C 8600 S			110 RE 180 SW	C 7110 RE C 9480 SW	C 7110 RE C 9480 SW	C 7110 RE (7110 RE 9480 SW	C 7110 RE C 9480 SW		-
		SW				REG RE	/ HIGHWAY SAFET G HIGHWAY SAFET / HIGHWAY SAFET	TY IMPROVEMEN	IT PROGRAM BAI	LANCE.									
STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		15808	REG RE	C 300 DIV C 300 RE C 400 SW SIGNAL RETIMIN SIGNAL RETIMIN	C 300 RE C 400 SW IG TO IMPROVE S	C 300 R / C 400 S SAFETY. SAFETY.	E C 300	RE C 3	300 DIV 300 RE 400 SW	C 300 DIV C 300 RE C 400 SW	C 300 DIV C 300 RE C 400 SW	C 300 DIV (C 300 RE (C 400 SW (C 500	300 DIV 300 RE 400 SW	C 300 DIV C 300 RE C 400 SW		\equiv
						IN PROG	DECC												
STATEWIDE	VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AN LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	D	105078	7078 HSIP HSIP HSIP HSIP HSIP HSIP	R 420 DIV C 2520 DIV R 420 RE C 2520 RE R 560 SW C 3360 SW	C 2520 DIV R 420 RE C 2520 RE R 560 SW	/ C 2520 D R 420 R C 2520 R R 560 S	IV C 2520 E R 420 E C 2520 W R 560	DIV C 25 RE R 4 RE C 25 SW R 5	120 DIV 120 DIV 120 RE 120 RE 1520 RE 1560 SW	R 420 DIV C 2520 DIV R 420 RE C 2520 RE R 560 SW C 3360 SW	R 420 DIV C 2520 DIV R 420 RE C 2520 RE R 560 SW C 3360 SW	R 420 DIV I C 2520 DIV 0 R 420 RE I C 2520 RE 0 R 560 SW I C 3360 SW 0	2520 DIV R 420 RE C 2520 RE R 560 SW	C 2520 DIV R 420 RE C 2520 RE R 560 SW		
		SW				REG RE	G RUMBLE STRIPS RUMBLE STRIPS	s, guardrail, s	AFETY AND LIGH	ITING IMPROVE	MENTS AT SELE	ECTED LOC	CATIONS ON DIVISIO CATIONS ON REGION CATIONS ON STATW	AL CATEGORY.					
STATEWIDE	VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500														

					TOTAL	PRIOR							TYPE	OF WOR	KK/ESIIW	IATED CC	JST IN TH	OUSAND	S / PROJ	ECT BREA	KS			
		ID			PROJ COST	YEARS	Γ		S	TATE TRA	ANSPORTA	TION PROGI	RAM						DEVELO	PMENTAL	PROGRAM			UNFUNDED
COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH			FUNDS	FY 2016	FY	2017	FY 2018	FY.	2019	FY	2020	FY	2021	FY 20)22	FY 2023	FY 2	2024	FY 2025	FUTURE YEARS
CONGESTION	N MITIGATION PROJECTS																							
STATEWIDE	VARIOUS	C-5600 EX	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		31342	<u>(</u>	CMAQ	C 15671	C 1!	5671														
STATEWIDE	VARIOUS	C-5601 EX	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.	1	4500	(CMAQ	C 2250	C :	2250									II					
STATEWIDE	VARIOUS	C-5554 EX	DIVISION OF AIR QUALITY SCHOOL BUS REPLACEMENT PROGRAM. REPLACE BUSES WITH NEW BUSES THAT MEET THE NEW HEAVY DUTY DIESEL TRUCK AND BUS STANDARDS.		1775	1775																		
						I	N PROGRE	SS																
STATEWIDE	VARIOUS	C-3600 EX	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702																		
						I	N PROGRE	SS BY DEPA	RTMENT OF	MOTOR VE	EHICLES													
STATEWIDE	NORTH CAROLINA STATE UNIVERSITY	C-4902 EX	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	E		PHASE 2 OF			NIVERSITY													
STATEWIDE	NORTH CAROLINA	C-4903	NORTH CAROLINA AIR AWARENESS		2125	1500		1 500	II CAROLINA	STATE OF	WIVERSITI			11					1 1			1		
	DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES	EX	OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.			<u>(</u>)	I 125																
						I	N PROGRE	SS BY NCDE	NR DIVISION	OF AIR QU	JALITY													
STATEWIDE	STATEWIDE	C-9999 EX	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		240000	(CMAQ				C 30000	C 3	80000	C 3	0000	C 3	30000	C 300	00	C 30000	C 30	0000	C 30000	
ENHANCEME	NT (ROADSIDE PROJECTS)																							
STATEWIDE	VARIOUS	•	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		40000		STP DIV DIV	C 4000 [I		4000 DIV		PROVEMENT A	4000 DIV		4000 DIV		4000 DIV	-	00 DIV	C 4000	DIV C 4	000 DIV	C 4000 [IV
							N PROGRE		I '						- 1-			1					laal .	
STATEWIDE	VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1112	412	Г	PE 21 F	-	21 DIV 21 RE	PE 21	DIV PE RE PE	21 DIV 21 RE	PE	21 DIV 21 RE	PE PE	21 DIV 21 RE	PE	21 DIV I 21 RE I	PE 21	DIV PE RE PE	21 DIV 21 RE	PE 21 F	E
		SW				F	DIV DIV REG REG	STATEWIDE STATEWIDE	LANDSCAPE	E PLANS FO	OR STIP COI OR STIP COI	SW PE ISTRUCTION ISTRUCTION ISTRUCTION	PROJECT	TS. TS.	28 SW	PE	28 SW	PE	28 SW I	PE 28	SW PE	28 SW	PE 28 S	w []

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

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

STATEWIDE PROJECTS

HIGHWAY PROGRAM

STATEWIDE

VARIOUS

K-4704

AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.

SW

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS TOTAL PRIOR PROJ YEARS DEVELOPMENTAL PROGRAM STATE TRANSPORTATION PROGRAM UNFUNDED COST COST COUNTY ROUTE/CITY NUMBER LOCATION / DESCRIPTION LENGTH (THOU) (THOU) FUNDS FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 FY 2024 FY 2025 FY 2022 FY 2023 **FUTURE YEARS** SAFE ROUTES TO SCHOOLS PROJECTS SAFE ROUTES TO SCHOOL PROGRAM.
PROJECTS TO IMPROVE SAFETY, REDUCE
TRAFFIC, FUEL CONSUMPTION AND AIR
POLLUTION IN VICINITY OF SCHOOLS. STATEWIDE VARIOUS SR-5001 10926 10926 DIV IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL,TRAINING AND OTHER NON-STATEWIDE VARIOUS SR-5000 6435 6435 DIV INFRASTRUCTURE NEEDS. IN PROGRESS ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA) REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB

4100 4100

IN PROGRESS

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

NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	PROJECT COST (THOU)	YEARS COST (THOU)	FUNDS	STATE 1	FY 2017	_	PROVEMENT F	PROGRAM FY 2020	FY 202	1	DE FY 202		PMENTAL PI	ROGRAII		FY 202			NDED YEARS
ROUTE / C TRANSIT F I - Interstat US or NC F SR - Secor	TRANSIT AUTHORITY PARTNER Routes Idary Road Pultiple routes TE or City	DIV LO Pr wo	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC. CATION / DESCRIPTION Oject termini and a general rk description. FUNDING SOURCE (2) See Highway Funding Key for an explanation of funding categories used for each project phase. FUNDING CATEGORY (1) Identifies the "STI" Funding Category for the project and any project breaks.	T,		FUZ CP FUZ CP	700 A BUS S BUS S	TOP SHELT TOP SHELT EQUIPMEN PF Or de	ER AND BE	ter	WORK TY Phases of Preliminary Right of W Utilities or For other or activities	PE (ACTIVI) implementa / Engineerir ay, Mitigatio Construction work types	TY) (3 tion: ng, on,	Pre and cur fun ind typ	TIMAT eliminard Const crent do ding tylicates (e or acc	ED COST Ty Engineering truction cost explans. Cost mapes. Multi-ye (Cash-Flow F tivity beginning are in thouse)	g, Right of estimates ay include ar funding) ag in the i	by funding e one or mo g of a proje with propo nitial scheo	ety, Mitio	ory in ment ork	P 20 UN	5000 B 5000 C 5000 C

(1) FUNDING CATEGORY

DIV - Division

HF - State Dollars (Non-STI)

REG - Regional SW - Statewide CMAQ - Congestion Mitigation

FBUS - Capital Program - Bus Earmark (5309)

FEPD - Elderly and Persons with Disablity (5310)

FLAP - Federal Lands Access Program
FMOD - Fixed Guideway Modifications

FNF - New Freedom Program

FSPR - State Planning and Research

HP - Federal-Aid High Priority

JARC - Job Assistance and Reverse Commute (3037)

(2) FUNDING SOURCES KEY

ADTAP - Applalachian Development Transportation Assistance Pgm.

DP - Discretionary or Demonstration

FED - Federal Rail Funds

FF - Federal Ferry

FMPL - Metropolitan Planning (5303)

FNS - New Starts - Capital (5309)

FNU - Non Urbanized Area Formula Program (5311)

FSGR - State of Good Repair

FUZ - Urbanized Area Formula Program (5307)

L - Local

O - Other

TOTAL

PRIOR

RR - Rail-Highway Safety

RTAP - Rural Transit Assistance Program

S - State

S (M) - State Match

SMAP - Operating Assistance and State Maintenance

SRTS - Safe Routes to School

STAT - State

STHSR - Stimulus High Speed Rail

STP - Surface Transportation Program

STPDA - Surface Transportation Program - Direct Attributable

STPE - Surface Transportation Program, Enhancements

STPEB - Surface Transportation Program, Enhancements (Bike)

T - State Highway Trust Funds

T2001 - State Rail Funds

TAP - Transportation Alternatives Program

TAPDA - Transportation Alternatives Program - Direct Attributable

TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)

A - Acquisition

AD - Administrative

C - Construction

CP - Capital

I - Impementation

O - Operations

Oc - OPS Funded Capital

PE - Preliminary Engineering

PL - Planning / Design

R - Right-of-Way

					TOTAL	PRIOR				TYP	PE OF WORK / ESTIN	MATED COST IN	THOUSANDS / P	PROJECT BREAK	S		
		ID			PROJ COST			STATE	TRANSPORTATI	ON PROGRAM			DE	VELOPMENTAL F	PROGRAM		UNFUNDED
COUNTY	ROUTE/CITY		LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
	D PEDESTRIAN PROJECTS							1 -1				1					
STATEWIDE	VARIOUS	E-4018 DIV	NATIONAL RECREATIONAL TRAILS.		12645	645 TAP	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
		DIV															
						IN PROGE	RESS										<u> </u>
STATEWIDE	VARIOUS	EB-3314 TRN	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		5260	5260											
		IKN															
						UNDER C	ONSTRUCTION										
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.														
						IN PROGF	PESS										
STATEWIDE	VARIOUS	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN		10000		PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	
		DIV	PROGRAM.														
STATEWIDE	VARIOUS	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN		25408	25408						·					-
		TRN	HIGHWAY DIVISIONS.														
						IN PROGF	RESS - \$182,000	0 IN STPDA FUNDS	ALLOCATED TO E	R-2971E							
	NSPORTATION PROJECTS		INTERCITY DUC CERVICE EROM DALFICH T		4001	4001 FNIII											
STATEWIDE	GREYHOUND LINES	TI-6108	INTERCITY BUS SERVICE FROM RALEIGH T JACKSONVILLE VIA WILMINGTON ALONG L		4081	4081 FNU L											
		HF	70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA														
			WILMINGTON ALONG US 17														
STATEWIDE	GREYHOUND LINES	TI-6107	INTERCITY BUS SERVICE from RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17)	1910	1910 FNU											
		HF	WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN														
STATEWIDE	GREYHOUND LINES	TI-6106	INTERCITY BUS SERVICE FROM RALEIGH T	<u></u>	1592	1592 FNU		 				·			 	 	
STATEWIDE	GREYHOUND LINES	HF	WILMINGTON ALONG US 70 AND US 117	0	1392	1392 11110						l					.
			WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTO	N													
STATEWIDE	GREYHOUND LINES	TI-6105	INTERCITY BUS SERVICE FROM RALEIGH T	ГО	1402	1402 FNF											
		HF	NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT,			L											
		• • •	AHOSKIE, AND SUFFOLK														
STATEWIDE	NCDOT FERRY	TA-6535	CAPITAL		789	789 FNF	 					<u> </u>	11 1		 	 	
	DIVISION		· · · · · ·			S											
		HF															

					TOTAL	PRIOR							TYPE 0	F WORK	/ ESTIMA	ATED CO	OST IN TH	OUSANDS	S / PROJ	ECT BRE	AKS				
		ID			PROJ	YEARS			STAT	TE TRAN.	SPORTATIO	ON PROGR	RAM						DEVELO	PMENTAL	L PROGRA	AM .			UNFUNDED
COUNTY	ROUTE/CITY	ID Number	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	(THOU) FUN	DS F	Y 2016	FY 201	17	FY 2018	FY:	2019	FY 20)20	FY	′ 2021	FY 20	22	FY 2023	3 I	FY 2024	FY 2	025	FUTURE YEARS
	SPORTATION PROJECTS																								
STATEWIDE	REGIONAL COORDINATED AREA TRANSPORTION	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7739	4139 FSPR S	CP CP		CP 60 CP 12			CP CP	120 120	CP 6	00 20										
		HF																							
STATEWIDE	REGIONAL	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50 UTCH																			
	COORDINATED AREA TRANSPORTION																								
		HF																							
STATEWIDE	STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL		443	443 FNF																			
		HF	FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-																						
			PROFIT AGENCIES ACROSS THE STATE																						
0747514405	07.475.440.5	TI 4000	OTATE ADMINISTRATION OF ADDAMASHA			la D.T.A.		445																	
STATEWIDE	STATEWIDE	TK-4902 HF	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM	V	145	ADTA	P AD	145																	
			ASSISTANCE PROGRAM																						
STATEWIDE	STATEWIDE	TV 40007	STATE ADMINISTRATION - RURAL AREA		17091	7446 FNU	AD	10/5	AD 110	ol lar	D 1100	AD 1	1100	AD 11	001	AD	1100	AD 110	nol L	AD 1100		-	1 1		
STATEWIDE	STATEWIDE	HF	GENERAL PUBLIC TRANSIT SERVICES		17091	7446 <u>FNO</u>	INU	1743	AD 110	oj jai	D[1100]	AU	1100	AD III	00	AD	1100	IAUI III	<u> </u>	100 TIOU	1 1 1		1 1		
STATEWIDE	STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING		350	JARC		175																	
		HF	PROJECTS STATEWIDE			L	0	175																	
STATEWIDE	STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL		3710	3010 FNU	PL	700																	
		HF	COMMUNITY TRANSPORTATION SERVICE PLANS - 5311																						
STATEWIDE	STATEWIDE	TS-7000	DEVELOP AND IMPLEMENT AN ENHANCED)	844	844 SSO																			
		HF	STATE SAFETY OVERSIGHT PROGRAM																						
STATEWIDE	STATEWIDE		STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN		1472	1057 RTAP	AD	415																	
		HF	AND PARATRANSIT)																						
STATEWIDE	SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NO URBAN	ON-	5592	3092 JARC	AD	500	AD 50	0 AI	D 500	AD	500	AD 5	00										
		HF																							
OTATEME =	OUR RECOVER	TA: =	CTATE ADMINISTRATION			0460 ====	1451	201	AD	,	D 201	45	250	ADI -	F0		•	1	1 1		, , ,				
STATEWIDE	SUB REGIONAL	TN-5112 HF	STATE ADMINISTRATION - NEW FREEDOM - 5317	-	4270	2412 FNF	AD	386	AD 38	6 AI	D 386	AD	350	AD 3	50	Ш							1		

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

					TOTAL	PRIOR				TYP	E OF WORK / ESTIM	MATED	COST IN THO	OUSANDS /	PROJECT	BREAKS					
		ID			PROJ	YEARS		STATE 1	RANSPORTATI	ON PROGRAM				DE	VELOPM	ENTAL PROG	RAM			UNFUN	IDED
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	(THOU) FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		FY 2021	FY 2022	F	Y 2023	FY 2024	FY 202	25	FUTURE	YEARS
PUBLIC TRAN	SPORTATION PROJECTS																				
STATEWIDE	SUB REGIONAL	TV-4903 HF	STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (federal PROGRAM)		9959	5147 FEPD	AD 262	AD 650	AD 650	AD 650	AD 650	AD	650	AD 650	AD	650					
	RAIL PROJECTS					-		u loel asalo	v last soots	u last sools	[pel]	l Gel	000 001	n=ll	nu I ne I	200 011 01	-1	Incl on			
STATEWIDE	VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		10000	REG REG	STATEWIDE R	PE 300 RI	PE 300 F N PE 400 S ENGINEERING ENGINEERING	E PE 300 R	NV	PE PE		PE 300	DIV PE RE PE SW PE	300 DIV PI 300 RE PI 400 SW PI	300 RE	PE 30	00 DIV 00 RE 00 SW		\pm
STATEWIDE	VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		30000	REG REG	TRAFFIC SEPA	V C 750 DI E R 150 RI E C 750 RI V R 200 SV	V C 750 E R 150 F F V R 200 S V C 1000 S MPLEMENTATION MPLEMENTATION MPLEMENTATION	E C 750 R W R 200 S W C 1000 S AND CLOSURES. AND CLOSURES.	DIV C 750 DIV RE R 150 RE RE C 750 RE RW R 200 SW	R C R C	750 RE	R 150 C 750 R 150 C 750 R 200 C 1000	RE C	150 DIV F 750 DIV (150 RE F 750 RE (200 SW F 1000 SW (750 DIV R 150 RE C 750 RE R 200 SW	C 75 R 15 C 75 R 20	00 DIV 00 DIV 00 RE 00 RE 00 SW 00 SW		
STATEWIDE	VARIOUS	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.	Y	41817	REG REG	R 150 DIV C 900 DIV R 150 RE C 900 RE R 200 SV C 1200 SV HIGHWAY-RAII G HIGHWAY-RAII	V C 900 DI E R 150 RI E C 900 RI V R 200 SV	V C 900 E R 150 F C 900 F V R 200 S V C 1200 S NG SAFETY IMPR NG SAFETY IMPR	EE R 150 R EE C 900 R W R 200 S W C 1200 S OVEMENTS.	DIV C 900 DIV RE R 150 RE RE C 900 RE RW R 200 SW	R C R C	150 DIV 900 DIV 150 RE 900 RE 200 SW 1200 SW	R 150 C 900 R 150 C 900 R 200 C 1200	RE R RE C SW R	150 DIV F 900 DIV C 150 RE F 900 RE C 200 SW F 1200 SW C	900 RE	C 90 R 15 C 90 R 15	00 DIV 00 DIV 00 RE 00 RE 00 SW 00 SW		
STATEWIDE	NORTH CAROLINA RAILROAD	C-5571 EX	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		1637	IN PROGR 819 CMAQ	ESS 1 818														

TIP Fiscal Constraint

Federal regulations require the TIP to be "constrained to reasonably expected revenue." The 2016-25 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 \$1.11billion in revenues and \$1.106 billion of project and program costs are forecast for the first four years of the TIP (2016-25).

Funding and programming levels for FY16-25 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 (MAP-21), which is the source of federal assistance for CAMPO, our region's transit providers and NCDOT. Starting with MAP-21'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 2016 is expected to be about \$987 million, it is anticipated that the obligation limitation applied to most federal aid categories will be about \$956 million.

The amount of state matching funds needed for the Federal Aid Program is expected to be \$239 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 MAP-21. The TIP does not report transit agency fund revenues other than local match needed for federal projects.

Anticipated Inflation Estimate. Inflation has not been factored into the above revenue estimates. However, when programming projects in the STIP the following inflation factors for future construction and right of way cost increases were used to reserve the budget at an overall inflation rate of 4% for the five year work plan. Project costs and revenue projections shown in this planning document budget are in constant 2015 dollars. Therefore, to find the true anticipated future year project costs, multiply the 2015 cost shown in the STIP by the following inflation factors: 2016 - 1.0608, 2017 - 1.1032, 2018 - 1.1474, 2019 through 2025 - 1.1933.

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 \$1.11 billion has been allocated to projects and programs in the Capital Area from federal fiscal year 2016 through 2019.

Table 1. (INFLATED) TIP ROADWAY FUNDING SUMMARY 2016 - 2019 (June 2015) (estimates are in \$1,000s)

IUDICI	· (114664161	D) TIF KOADWAT FUNDING SUMMAKT	2010	- 2017	(aniie	2013)	(esiiliales d
FUNDING	FUNDING	FUND DESCRIPTION	2016	2047	2040	2040	TOTAL
FUNDING	TYPE	FUND_DESCRIPTION	2016	2017	2018	2019	TOTAL
CMAQ	Federal	Congestion Mitigation	9841	6633	367		16841
HSIP	Federal	Highway Safety Improvement Program		3530			3530
NHP	Federal	National Highway Performance Program	50158	7417	144793	138432	340800
NHPB	Federal	National Highway Performance Program (Bridge)	14426	15003			29429
		National Highway Performance Program (Interstate					
NHPIM	Federal	Maintenance)	901	7575		906	9382
STP	Federal	Surface Transportation Program	4081	4107	4272	4442	16902
STPDA	Federal	Surface Transportation Program (Direct Attributable)	12804	1323	8641	13261	36029
STPOFF	Federal	Surface Transportation Program (Off System)	194	1641	3446	936	6217
STPON	Federal	Surface Transportation Program (On System)	1113	1158			2271
HFB	State	Highway Fund Bridge Replacement Program	501	5171	1032	1002	7706
Т	State	Highway Trust Fund	3288	49	123712	55219	182268
BOND R	Other	Revenue Bond	9016		98517	65287	172820
L	Other	Local	30793	20765	5590	14006	71154
0	Other	Local, Non Federal or State Funds	208				208

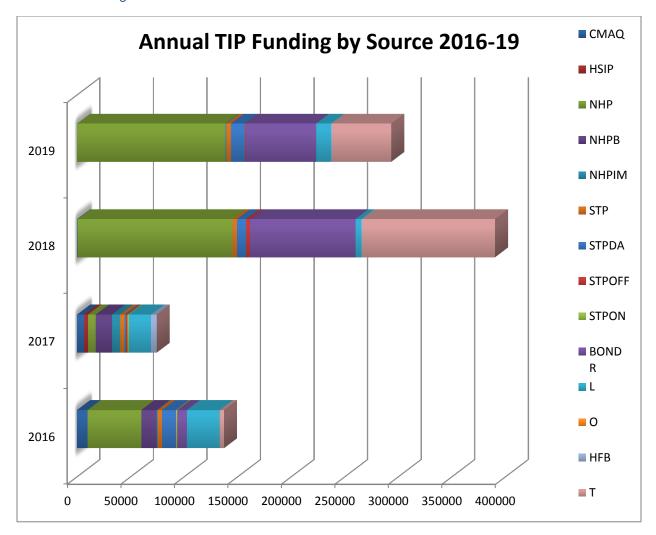


Figure 1. TIP Roadway Funding Summary 2016-2019 (estimates are in thousands of dollars)

NC Capital Area MPO

Financial Planning Element

Table 2. (INFLATED) TIP NONROADWAY FUNDING SUMMARY 2016 - 2019 (June 2015) (estimates are in \$1,000s)

	FUNDING	D) III INGIROADWAT FORDING SOMM					, (3311
FUNDING	TYPE	FUND_DESCRIPTION	2016	2017	2018	2019	TOTAL
CMAQ	Federal	Congestion Mitigation	397				397
DP	Federal	Discretionary or Demonstration	18093	16334	3490		37917
FBUS	Federal	Capital Program – Bus Earmark (5309)	954				954
FED	Federal	Unidentified Federal Funding	1492	6177	254	264	8187
FEPD	Federal	Elderly and Persons with Disability (5310)	742	772	803		2317
FMPL	Federal	Metropolitan Planning (5303)	397	413	314	326	1450
FNF	Federal	New Freedom Program	126				126
FNU	Federal	Non Urbanized Area Formula Program (5311)	154	122	127	132	535
FUZ	Federal	Capital Program – Bus Earmark (5309)	13658	12665	17491	8650	52464
SRTS	Federal	Safe Roads to School	106	992			1098
STHSR	Federal	Stimulus High Speed Rail	5040	1738			6778
STPDA	Federal	Surface Transportation Program (Direct Attributable)	4430	4608	4792		13830
STPEB	Federal	Surface Transportation Program (Enhancement)	594				594
TAP	Federal	Transportation Alternatives Program				954	954
		Transportation Alternatives Program (Direct					
TAPDA	Federal	Attributable)	946	984	1023		2953
S	State	State	6104	4821	2088	424	13437
SMAP	State	Operating Assistance and State Maintenance	5458	5677	5910	5636	22681
T	State	Highway Trust Funds	186	772			958
L	Other	Local	15794	16611	9291	4874	46570
0	Other	Local, Non Federal or State Funds	121				121

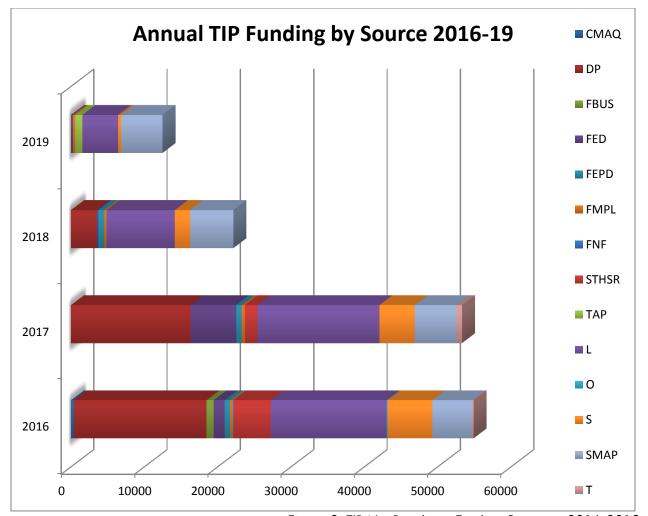


Figure 2. TIP NonRoadway Funding Summary 2016-2019 (estimates are in thousands of dollars)

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 STPDA). 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).

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Table 3. OPERATIONS & MAINTENANCE DETAILS 2016 - 2020

						TOTAL FY	ANNUAL		POPULATION
COUNTY	FY2011	FY2012	FY2013	FY2014	FY2015	2011-2015	AVERAGE	POPULATION	ADJUSTED
	MAINTENANCE	% POP in MPO	MAINTENANCE						
JOHNSTON	14,918,478	21,964,292	17,148,695	17,925,597	21,487,529	93,444,591	18,688,918	47%	8,783,792
FRANKLIN	6,381,476	9,847,580	7,590,070	6,615,270	11,400,806	41,835,203	8,367,041	73%	6,107,940
GRANVILLE	6,018,335	11,198,294	16,499,195	9,546,917	11,900,389	55,163,131	11,032,626	26%	2,868,483
WAKE	42,097,429	26,808,129	39,682,059	37,376,232	6,384,123	152,347,972	30,469,594	100%	30,469,594
HARNETT	10,676,288	13,668,465	15,373,007	11,302,824	11,788,689	62,809,273	12,561,855	16%	2,009,897
TOTAL	80,092,005	83,486,761	96,293,027	82,766,842	62,961,536	405,600,171	81,120,034		50,239,705

COUNTY	POPULATION ADJUSTED	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	TOTAL 2016- 2025
	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE	<u>MAINTENANCE</u>	MAINTENANCE	MAINTENANCE	
JOHNSTON	8,783,792	9,091,224	9,409,417	9,738,747	10,079,603	10,432,389	10,797,523	11,175,436	11,566,576	11,971,406	12,390,406	106,652,726
FRANKLIN	6,107,940	6,321,717	6,542,978	6,771,982	7,009,001	7,254,316	7,508,217	7,771,005	8,042,990	8,324,495	8,615,852	74,162,553
GRANVILLE	2,868,483	2,968,880	3,072,791	3,180,338	3,291,650	3,406,858	3,526,098	3,649,511	3,777,244	3,909,448	4,046,278	34,829,095
WAKE	30,469,594	31,536,030	32,639,791	33,782,184	34,964,561	36,188,320	37,454,911	38,765,833	40,122,637	41,526,930	42,980,372	369,961,570
HARNETT	2,009,897	2,080,243	2,153,052	2,228,408	2,306,403	2,387,127	2,470,676	2,557,150	2,646,650	2,739,283	2,835,158	24,404,150
TOTAL	50,239,705	51,998,095	53,818,028	55,701,659	57,651,217	59,669,010	61,757,425	63,918,935	66,156,098	68,471,561	70,868,066	610,010,095

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.

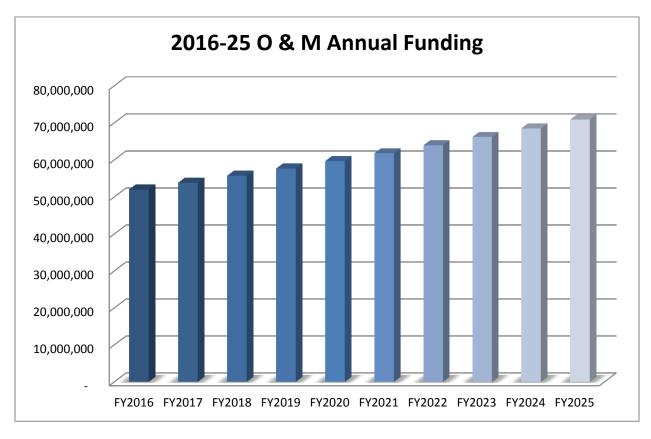
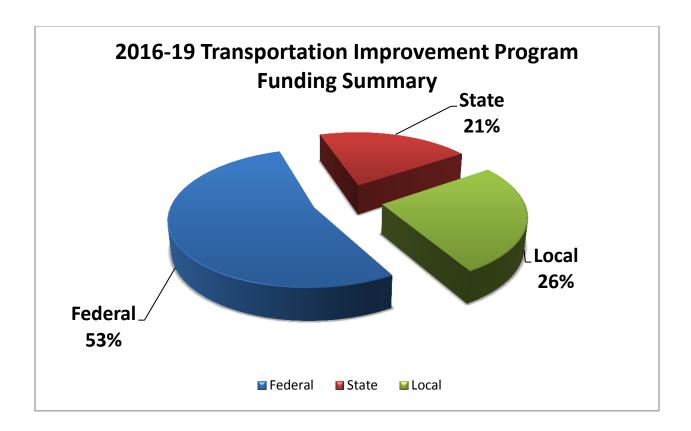


Figure 3. Projected Operations & Maintenance Funding Summary 2016-2025

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 MAP-21 during the four-year period of the TIP as well as during the ten year period of the full 2016-2025 TIP. Based on aggregated financial data provided by all funding sources, it is estimated that 53 percent of funding in the 2016-2019 Transportation Improvement Program is derived from federal sources and 47 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.



Conformity Determination Report – Short Form Triangle Area (CAMPO and DCHC MPO) Metropolitan Transportation Planning Process

Metropolitan Transportation Plan: 2040

Transportation Improvement Program: FY 2016-2020 (portion of the FY2016-25 TIP)

Nature of Action:

П	Administrative Modification
$\overline{\boxtimes}$	Amendment - CAMPO and DCHC MPO MTP Amendment and 2016-20 portion of the FY2016-25 TIF
	New Emissions Analysis Required

A full list of all proposed changes is provided in Appendix A. Administrative Modifications and Planning Action Amendments do not impact financial constraint of the TIP or MTP (40 CFR 93.108), as any change in federal funding will be drawn from existing program balances, as verified by the North Carolina Department of Transportation.

Date of Last Conforming Emissions Analysis (40 CFR 93.110, 93.111, 93.113, 93.114, 93.115, 93.118):

June 14, 2013 - 2040 MTP and FY 2012-2018 TIP

The above dated Conformity Determination Report was found by FHWA and EPA to meet the transportation requirements of the Clean Air Act set forth in 40 Code of Federal Regulations Part 93. The Triangle Maintenance Area meets all motor vehicle emissions budgets and conformity tests established through the State Implementation Plan and via Interagency Consultation for the CO standard. On June 20, 2013, the EPA approved a maintenance plan, known as a "limited maintenance plan," for Wake and Durham County, North Carolina CO maintenance area. This limited maintenance plan has a 2015 horizon year. After September 18, 2015, the limited maintenance plan provisions will no longer apply. Because of the approved limited maintenance plan, the Capital Area Metropolitan Planning Organization and Durham-Chapel Hill-Carrboro Metropolitan Planning Organization no longer have to complete a regional emissions analysis for the CO standard pursuant to 40 Code of Federal Regulations (CFR) 93.109(e). However, all other transportation conformity requirements under 40 CFR 93.109(b) continue to apply. With these actions, the 2016 -2020 portion of the FY2016-25 TIP will be a direct subset of the Triangle Area 2040 MTP.

Proposed Approval Dates:

See attached conformity process schedule in Appendix B

Appendices:

- A. Proposed Project Changes
- B. Conformity Process Schedule
- C. Interagency Consultation (40 CFR 93.112 & 93.115)
- D. Public Participation Ads
- E. Public/Agency Comments and Responses
- F. Adoption, Endorsement Resolutions and Agency Determinations

Report Preparation:

Prepared by: John Hodges-Copple

Title: Director of Regional Planning, Triangle J Council of Governments (TJCOG)

Contact Email: johnhc@tjcog.org
Contact Phone: 919-558-9320
Date: August 21, 2015

Durham-Chapel Hill-Carrboro MPO

Amendment 1 (September 9, 2015)

Changes to Appendix 1: Roadway Project List

Sorted by Project Name. **Bold font** denotes additions.

Strikethrough denotes deletions.

					Existing		Project				MTP
	MPO				# of	Proposed	Length	Regionally	Exempt		Analysis
TIP#	Project ID	Route / Facility Name	From	То	Lanes	# of Lanes	(miles)	Significant	from AQ	Total Cost	Year
none	9	Carver St Extension	Armfield St	Old Oxford Rd	0	4	1.00	No	No	\$ 10,110,000	2014
											2020
U-0071	15	East End Connector (EEC)	NC 147	US 70 E; NC 98	0	4	3.20	Yes	No	\$ 153,981,250	2017
										140,997,000	2020
U-5304B	211	Fordham Blvd (superstreet)	Sage Rd	E Lakeview Dr	4	4	0.65	Yes	No	\$ 2,178,000	Post-
										2,052,000	2040
											2030
U-5304	73.1 (a)	Fordham Blvd (NC 54/NC 86	US 15-501	NC 54	1	2	0.43	Yes	No	\$ 2,175,000	2030
		interchange) (add lane on US									
		15/501 northbound ramp)				_					
I-3306 A	43	I-40	US 15-501	NC 86	4	6	4.10	Yes	No	\$ 43,457,093	2019
			Durham and Orange							31,641,439	2030
I-3306 A	44	I-40	County line NC 86	I-85	4	6	7.32	Yes	No	\$ 46,342,907	2019
1-3306 A	44	1-40	INC 80	1-85	4	O	7.32	res	INO	56,491,552	2019 2030
FS-1205A	45.2	I-40 Managed Lanes	NC 147	US 15-501	0	2	8.55	Yes	No	\$ 240,408,762	2030 2040
I-5702A	45.2	1-40 Manageu Lanes	NC 147	03 13-301		2	6.55	163	INO	526,780,000	2030
I-5707	45.3	I-40 (westbound auxiliary lane)	NC 147	NC 55	6	7	1.2	Yes	No	\$ 15,969,000	2030
U-5517	70.4 (b)	I-40/ NC 54 ramp	Farrington Rd.	1-40	0	1	0.20	No	Yes	\$ 1,600,000	2014
	, ,	, '	ŭ								2030
none	223	Legion Rd Ext	Legion Rd	Fordham Blvd	0	2	0.10	No	No	\$ 567,876	2020
											2030
U-5774B	208	NC 54/Barbee Ch Rd (interchange)	NC 54	Barbee Chapel Rd	0	2	0.20	No	No	\$ 9,200,000	Post-
		(intersection improvements)				4					2040
											2030
U-3308	75.1	NC 55 (Alston Ave)	NC 147	Main St	2	4	0.42	No	No	\$ 14,010,839	2017
										13,098,120	2020

					Existing		Project				MTP
	MPO				# of	Proposed	Length	Regionally	Exempt		Analysis
TIP#	Project ID	Route / Facility Name	From	То	Lanes	# of Lanes	(miles)	Significant	from AQ	Total Cost	Year
U-3308	75.2	NC 55 (Alston Ave)	Main St	NC 98	2	2	0.58	No	No	\$ 17,013,161	2017
										18,087,880	2020
none	86 (c)	Old NC 86	1-40	Lafayette Dr	2	4	0.80	No	No	\$ 7,735,728	2040
none	87 (c)	Old NC 86	Lafayette Dr	US 70 Business	2	4	1.70	No	No	\$ 16,438,422	2040
U-5845		S Churton St	I-40	Eno River			2.60			26,240,000	2030
U-5848	89.3	Orange Grove Connector	Orange Grove Rd	US 70	0	2	0.40	No	No	\$ 4,950,000	2030
										5,300,000	
none	220	Purefoy Rd Ext	Sandberg Ln	Weaver Dairy Rd	0	2	0.60	No	No	\$ 3,407,255	2020
											2030
U-5516	92.1	Roxboro/Latta/Infinity (intersection)	Latta Rd.	Infinity Rd.	4	6	0.50	Yes	No	\$ 4,100,000	2014
											2020
none	221	S Elliot Rd Ext	Fordham Blvd	Ephesus Church Rd	0	2	0.25	No	No	\$ 2,231,819	2020
											2030
U-5717	113.1 (d)	US 15-501 Interchange	US 15-501	Garrett Rd	0	6	0.25	Yes	No	\$ 23,870,000	2030
U-5823	123.11	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	0	2	0.27	No	No	\$ 2,504,002	2030
							0.2			2,219,000	

These footnotes are to clarify the reasoning for particular roadway amendments and will <u>not</u> be part of the amended 2040 MTP:

- (a) New MTP project #73.1 is a part of the current MTP project #73, Fordham Blvd, from NC 54 (Raleigh Rd) to US 15/501/NC 86, proposed six-lane cross-section, 2030 horizon year.
- (b) MTP project #70.4 was deleted from the FY 12-18 STIP as a stand-alone project, but will likely be needed for proper functioning of the NC 54/Farrington Rd grade separation.
- (c) Project #86 and #87 have been combined into a single MTP project.
- (d) Project #113.1 is a part of the current MTP project #113, US 15-501 (freeway conversion), US 15-501 bypass to I-40, 2040 horizon year.

Addition to Section 7.9: Rail Investments

The following paragraph shall be inserted after the third paragraph of Section 7.9, on page 61:

The 2040 MTP assumes support for the preservation and purchase, should the opportunity present itself, of any existing or dormant rail corridors in the DCHC MPO or CAMPO planning area. These rail corridors represent an invaluable assemblage of rights-of-way that can be used for future bicycle/pedestrian paths, passenger rail service or other transportation facilities.

APPENDIX A (continued)

2040 MTP Amendment and 2016-25 MTIP Project List

NC Capital Area MPO

TIP ID	MTP Project ID	Route / Facility Name	From	То	Description	Existing # of Lanes	Proposed # of Lanes	Length (Miles)	Regionally Significant	Exempt from AQ	Actual Project Cost	MTP Analysis Year
R-5705	A118c	NC-55	Rawls Church Road	Angier Town Limit	Widen to Multi-Lanes	2	4	0.94	Yes	No	\$ 9,706,000	2030
U-5747	A119 (partial)	NC-54	McCrimmon Parkv	vay	Upgrade at-Grade Intersecton to Grade Separation with Grade Separation of NCRR	2	4	2.00	No	No	\$18,600,000	2030
U-5748	A130c	US-401 Louisburg Road	SR 2224 (Mitchell SR 2044 (Ligon Mil	• •	Convert At-grade Intersection to Interchange	0	0	2.00	Yes	No	\$13,704,000	2030
U-5744	A139	US-70	SR 2026 (Hammond Road), SR 2812 (Timber Drive)		Construct An interchange	0	0	2.00	No	No	\$17,238,000	2030
	A207a (partial)	Judd Parkway NE	Main St.	Products Rd	Widening	2	4	0.60	No	No		2020
U-5828	A26b	- McCrimmon Parkway	Airport Boulevard	SR 3084 (Aviation Parkway)	Widen and Extend Roadway to Four- Lane Divided Facility	2	4	1.42	No	No	\$14,672,000	2040 2030
U-5827	A27c	SR-1632 Louis Stephens Rd	Poplar Pike Lane	SR 2153 (Little Dr)	Construct 2 lanes on 4 lane R/W	2	4	0.54	No	No	\$ 2,756,000	2040 2030
R-3410A	A407b2 Jhns2b (partial)	NC-42	NC 50	US 70 Bypass	Widen to Multi-Lanes	2	4	5.52	Yes	No	\$56,209,000	2040 2030
U-5746	A480b	US-401	NC 540	SR 1010 (Ten Ten Road)	Widen Roadway to Six Lanes	4	6	0.82	Yes	No	\$19,985,000	2030 2020
U-2901B	A622 A96b	NC-55 Williams Street	Apex Peakway	Bryan Drive	Widen to Multi-Lanes	2	4	0.46	Yes	No	\$ 2,380,000	2030
U-5751	A637	US-401	NC 55		Construct a Trumpet interchange to replace the two existing at grade intersections. First intersection - US 401/NC 55/NC 42. Second intersection to south - NC 55 / NC 42.	0	0	2.00	No	No	\$ 7,130,000	2030

TIP ID	MTP Project ID	Route / Facility Name	From	То	Description	Existing # of Lanes	Proposed # of Lanes	Length (Miles)	Regionally Significant	Exempt from AQ	Actual Project Cost	MTP Analysis Year
U-5518B	A645	US-70	TW Alexander Driv	re	Upgrade Existing at-Grade intersection to interchange	4	4	2.00	No	No	\$30,400,000	2020 2030
U-5811	A64a A64b, A64d	SR-1002 Aviation Parkway	NC 54	I-40	NC 54 to I-40. Widen to Multi-Lanes with interchange Modifications at I-40	2	4	2.44	Yes	No	\$28,287,000	2040 2030
R-2814C	А90с	US 401 Widening	US 401 Rolesville Bypass	Flat Rock Church Rd	Section C is no longer in the STIP, STIP mileage for all of R-2814	2	4	6.64	Yes	No		2020 2030
U-5301A	F15a1	US-64	SR 1306 (Laura Du	ncan Road)	Convert at-Grade intersection to interchange.	4	4	2.00	Yes	No	\$38,200,000	2030
U-5301B	F15a2	US-64	SR 1521 (Lake Pine	e Drive)	Convert at-Grade intersection to interchange.	0	0	2.00	No	No	\$38,900,000	2030
I-5701	F43	I-40	I-440/US 1/64	Lake Wheeler Road	Widen 6-Lane Freeway to 8 Lanes	6	8	4.45	Yes	No	\$13,100,000	2020 2030
R-2721	F5	NC-540 New Route - Southern Wake Freeway/Triangle Expressway (Toll)	NC 55 (South)	US 401	Construct Freeway on New Location (toll)	0	6	16.80	Yes	No		2030 2020
R-3825B	Jhns1b	NC-42	East of SR 1902 (Glen Laurel Road)	SR 1003 (Buffaloe Road)	Widen to Multi-Lanes	2	4	4.35	Yes	No	\$20,300,000	2030 2020
R-3410B	Jhns2b Jhns2a (partial)	NC-42	US 70 Bypass	US 70 Business	Widen to Multi-Lanes	2	4	3.11	Yes	No	\$35,019,000	2030
R-3618	Jhns3	- New Route	SR 1553 (Shotwell Road) West of US 70	NC 42 East of Clayton	SR 1553 (Shotwell Road) West of US 70 to NC 42 East of Clayton. Two Lanes on Multi-Lane Right of Way, New Location.	0	4	2.33	No	No	\$30,548,000	2030
I-5704	N/A	I-40	West of Wade Ave	East of US 1/64 (Limits of I-5338)	Widen Roadway to 8 Lanes and Rehabilitate Pavement.	6	8	4.18	#N/A	#N/A	\$37,734,000	2030
I-5708	N/A	I-440	SR 2000 (Wake For	rest Rd)	Revise Interchange to DDI	6	6	2.00	#N/A	#N/A	\$ 6,670,000	2030
I-5873	N/A	1-40	NC 54		Convert Existing interchange to a Diverging Diamond.	6	6	2.00	#N/A	#N/A	\$ 7,304,000	2020

TIP ID	MTP Project ID	Route / Facility Name	From	То	Description	Existing # of Lanes	Proposed # of Lanes	Length (Miles)	Regionally Significant	Exempt from AQ	Actual Project Cost	MTP Analysis Year
R-5707	N/A	NC-56	NC 50		Intersection Realignment of NC 56, NC 50, and US 15 in Creedmoor.	2	2	0.50	#N/A	#N/A	\$ 2,325,000	2020

Sorted by MTP Project ID.

Bold font denotes additions.

strikethrough denotes deletions.

Addition to Section 7.9: Rail Investments

The following paragraph shall be inserted after the third paragraph of Section 7.9, on page 61:

The 2040 MTP assumes support for the preservation and purchase, should the opportunity present itself, of any existing or dormant rail corridors in the DCHC MPO or CAMPO planning area. These rail corridors represent an invaluable assemblage of rights-of-way that can be used for future bicycle/pedestrian paths, passenger rail service or other transportation facilities.

	Appendix B: Conformity Process Schedule	Schedule	e Summary
	Version: August 21, 2015	Start	End
Line ID#		Date	Date
1	Project start		
2	Interagency consultation (IC)	4/15/15	5/8/15
3	develop participant list	4/15/15	3/8/13
4	contact potential attendees and solicit meeting dates	4/16/15	
5	Set IA consultation process (format, etc.)	4/23/15	
6	Finalize project list	., _0, _0	
7	Develop draft TCPCP		
8	Develop draft CPS		
9	Prepare presentations		
10	Email reminder and IC materials to IC partners	4/24/15	4/24/15
11	IC response to materials	4/27/15	5/4/15
12	Consultation summary	5/5/15	5/5/15
13	Circulate and Review summary	5/5/15	5/8/15
14	Follow up to address comments		
15	Transportation Planning	4/15/15	6/17/15
	MPO TACs (or TCCs) approve MTP/TIP Amendments project list:		
16	BG MPO: NA , CAMPO: 6/17/15 , DCHC MPO: 6/10/15	6/10/15	6/17/15
17	Conformity Report Preparation	5/11/15	6/17/15
18	Preliminary report preparation	5/11/15	5/20/15
19	Prepare pre-draft report		
20	Print pre-draft report		
21	Internal Review pre-draft		
22	Agency Review (EPA/FTA/NCDAQ/FHWA) of pre-draft CDR		
23	Respond to Agency Comments		
24	Place conformity report on website	5/20/15	5/20/15
25	TACs release conformity draft for public comment & agency review:		
	BG MPO: NA, CAMPO: 6/17/15, DCHC MPO: 6/10/15	6/10/15	6/17/15
26	Interagency and public review	6/18/15	7/24/15
27	DENR Review	6/18/15	7/20/15
28	FHWA Initial Review	6/18/15	7/20/15
29	FTA Initial Review	6/18/15	7/20/15
30	EPA Initial Review	6/18/15	7/20/15
31	Public Review (MPOs and RPOs)	6/18/15	8/20/15
32	Respond to Agency and Public Comments	8/21/15	8/25/15
33	MPO & Rural Conformity Determination	8/25/15	9/21/15
	TACs Adopt Final MTIPs with AQ conformity-public hearing		
34	BG MPO: NA, CAMPO: 9/16/15, DCHC MPO: 9/9/15	9/9/15	9/16/15
35	NCDOT Secretary issues conformity letter for rural area	NA	NA
36	Conformity analysis, report and review complete	9/17/15	9/17/15
37	Place conformity report on website	9/17/15	9/17/15
38	Federal Action	9/17/15	9/30/15
39	Transmit Report to FHWA/TPB	9/17/15	9/17/15
40	FHWA transmit report to EPA & FTA	9/17/15	9/17/15
41	USDOT Determination	9/17/15	9/29/15
42	USDOT Letter to State/MPO	9/30/15	9/30/15
43	Process Complete	9/30/15	9/30/15
44	Conformity Process Complete – September 30, 2015	9/30/15	NA

Interagency Initial Consultation - CAMPO and DCHC MPO 2040 MTP Amendment and 2016-25 TIP

1. Participants

Initial consultation was conducted via in-person meeting with teleconference capability on April 27, 2015. The following agency staff participated in the meeting: Eddie Dancausse (FHWA), Anne Galamb and Vicki Chandler (NC DENR); Rupal Desai and Mike Stanley (NC DOT); Dianna Myers (EPA), Phyllis Jones (NC DENR), Chris Lukasina, Alex Rickard, Wei Chen and Danna Widmar(NC CAMPO); Amanetta Somerville (EPA), Patrick McDonough (GoTriangle); Felix Nwoko, Andy Henry and Lindsay Smart (DCHC MPO); Ellen Beckmann (City of Durham); and John Hodges-Copple (TJCOG).

2. Purpose

The purpose of the consultation is to ensure that everyone understands the nature and format of projects that are proposed to be amended in the 2040 MTP and included in the 2016-25 TIP; understands the process and report that will be used to demonstrate conformity; is comfortable with the proposed conformity process schedule; and to raise any questions or comments that need to be addressed in follow-up to the meeting.

3. Project Description/Status

Appendix A of the draft CDR document provides a description of the projects in a format discussed by the participants. The version of the report that goes to the Policy Boards for release for public comment should include a column that includes the reason for each amendment. In addition to listing the projects, **bold** font will be used to highlight additions and strike thru format will be used to highlight deletions to aid the readers.

4. Conformity Report Format

This report format, which has been used for recent conformity process efforts, was shared and approval for its use sought. The format summarizes the key aspects on the first page, then has a series of appendices covering the project(s) included in the conformity determination, the schedule, the interagency consultation process, public participation, public and agency comments and responses, and adoption and endorsement resolutions and agency determinations. The participants agreed that this "short report format" is appropriate for this effort.

5. Conformity Process Schedule

The draft conformity process schedule was shared and responses sought (see Appendix B). Key dates include:

- i. MPO Policy Board release of the conformity draft for public and agency review and comment.
- ii. MPO Policy Board public hearing dates and timing of adoption of conformity determination.
- iii. Final Federal action no later than September 30, 2015 (end of current federal fiscal year).

6. Decisions/Action Items/Questions/Proposed Status Meeting Dates

The main follow up item is to develop the project list in a format that will aid review and comment.

This appendix includes the media affidavits on the public participation notifications from each MPO.



ATTN: ANDREW HENRY CITY OF DURHAM TRANSPORTATION DIV. **101 CITY HALL PLAZA DURHAM, NC 27701** Reference: 30600829

Affidavit of Publication

State of North Carolina, **Durham County**

To Whom it May Concern: this is to certify the advertisement attached hereto has been published in

The Herald Sun

On the following dates:

Sworn to on this 2015

Sworn to and Subscribed

Herald-Sun Representative

before me this (6th day JUNP

AM COUR

Notary Public

The Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHO MPO) is the regional transportation planning agency for Durham County and portions of Orange and Chattham counties. The DCHC MPO has three documents open for public comment and a public hearing.

1. Draft 2016-2025 Metropolitan Transportation: Improvement Program (MTIP) is the tra-year funding and scheduling document for transportation improvement.

- screeding document for transportation improvement projects (highway, bioyole, pedestrian, and transit) using local, state, and federal funds.

 The 2940 Metropolitan Transportation Plan (MTP) lists future highway, bus transit, light rail, bioyole, pedestrian and other transportation projects to be implemented through the year 2040. There is a preposed amendment to the MTP.

 The Conformity Determination Report (CDR).

to the MTP.

3. The Conformity Determination Report (CDR) demonstrates that the MTIP and MTP comply with federal air quality regulations.

The public is encouraged to review the draft documents and attend the MPO Boardis public hearing to offer comments. The public hearing is scheduled for August 12, 2015, 3AM, in the Committee Room, located on the 2nd floor of Durham City Hall. Persons with disabilities will be accommodated — provisions must be requested at least 48 hours in advance of the meeting. A link to each document, information on submitting comments. A link to each document; information on submitting comments and requesting printed copies can be found on the MPO website at www.dchompo.org. Questions and comments on any of the draft documents can be directed to Felix N

THE CHARLOTTE POST PUBLISHING CO., INC DBA THE TRIANGLE TRIBUNE

Affidavit of Publication Durham County NORTH CAROLINA

Before undersigned a *Notary Public* of said County and State, duly commissioned, qualified, and authorized by law to administer oaths, personally appeared: **Betty Holloway** of **The Triangle Tribune**, a newspaper published and issued in the Town of Durham, in the said County and State, that she is authorized to make this affidavit and sworn statement, that notice or other legal advertisement of:

City of Durham/Transportation Re: Durham Chapel Hill Carrboro Metropolitan Planning Organization

A true copy of which are attached hereto, was published in **The Triangle Tribune** on the following date(s): **06 14/2015**

And that the said newspaper in which such notice/paper document of legal advertisement was published at the time of each and every such publication, a newspaper meeting all the requirements and qualifications of **Section 1-596 - 1-601** of the **General Statutes of North Carolina**

This 11 day of 1000	201
Bally Holloway	(Betty Holloway)
Lyde Baily Jahr	
Sworn to and subscribed before me,	
This G V day of	, 2015
Notary Fublic for Wecklefibu	rg County, North Carolina

Tille

My Commission Expires

1ath



The Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO) is the regional transportation planning agency for Durham County and portions of Orange and Chatham counties. The DCHC MPO has three documents open for public comment and a public hearing.

- Draft 2016-2025 <u>Metropolitan Transportation Improvement Program</u> (MTIP) is the ten-year funding and scheduling document for transportation improvement projects (highway, bicycle, pedestrian, and transit) using local, state, and federal funds.
- The 2040 Metropolitan Transportation Plan (MTP) lists future highway, bus transit, light rail, bicycle, pedestrian and other transportation projects to be implemented through the year 2040. There is a proposed amendment to the MTP.
- The <u>Conformity Determination Report</u> (CDR) demonstrates that the MTIP and MTP comply with federal air quality regulations.

The public is encouraged to review the draft documents and attend the MPO Board's public hearing to offer comments. The public hearing is scheduled for August 12, 2015, 9AM, in the Committee Room, located on the 2nd floor of Durham City Hall. A link to each document, information on submitting comments and requesting printed copies can be found on the MPO website at www.dchcmpo.org

AFFIDAVIT OF PUBLICATION

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Advertiser Name: CAPITAL AREA MPO

Address: attn Chris Lukasina, Deputy Director

421 FAYETTEVILLE ST SUITE 203

RALEIGH, NC 27601

Before the undersigned, a Notary Public of Wake County North Carolina, duly commissioned and authorized to administer oaths, affirmations, etc., personally appeared R. C. Brooks, who being duly sworn or affirmed, according to law, doth depose and say that he or she is Accounts Receivable Specialist of The News & Observer Publishing Company a corporation organized and doing business under the Laws of the State of North Carolina, and publishing a newspaper known as The News & Observer, in the City of Raleigh, Wake County and State aforesaid, the said newspaper in which such notice, paper, document, or legal advertisement was published was, at the time of each and every such publication, a newspaper meeting all of the requirements and qualifications of Section 1-597 of the General Statutes of North Carolina and was a qualified newspaper within the meaning of Section 1-597 of the General Statutes of North Carolina, and that as such he or she makes this affidavit; and is familiar with the books, files and business of said corporation and by reference to the files of said publication the attached advertisement for CAPITAL AREA MPO was inserted in the aforesaid newspaper on dates as follows:

07/16/2015

R. C. Brooks, Accounts Receivable Specialist Wake County, North Carolina

Ad Number 0001845445

NOTIGE OF PUBLIC COMMENT PERIOD AND PUBLIIC HEARING

The North Carolina Capital Area Metropolitan Planning Organization is releasing the following documents for public review and comment.

- Locally Administered Project Program Draft FFY 2017 Modal Investment Mix & Program Updates
- Draft FY2015-2025 Transportation Improvement Program (TIP)
- Air Quality Conformity Determination Report
- 2040 Metropolitan Transportation Plan Amendment

The comment period for these ilems is open from June 18, 2015 until August 19, 2015. Copies are available at the MPO offices and on the web at www.campo-nc.us.

The Executive Board of the NC Capital Area MPO will conduct a Public Hearing on these items an August 19, 2015 at 4:00 pm in the MPO Offices, 421 Fayette ville 51. Ste 203, Raleigh, NC. The Executive Board may take action on any or all of these items on that date.

For more information or to make comments, contact the NC Capital Area MPO office prior to August 19, 2015 at 1996-4400 or visit www.campo-nc.us. Written comments may be submitted to:

Capital Area MPO 421 Fayetteyllie Street, Suite 203 Raleigh, NC 27601

Faxed to 919-996-1736, or E-malled to Valorie.Lockhart@campo-nc.us

Volorie Locknar(@campo-nc.us

In compliance with the Americans with
Disabilities Act (ADA), persons requiring assistance to participate in the NC
capital Area MPO meetings or to request this document in an alternative
format, please contact the MPO's office
of 919-996-4400 (voice), 919-996-170 (fax), or 919-996-310 (TTY located at
City of Raleigh Public Affairs Dept.) at
least 72 hours in advance of the meeting.
N&O: July 16, 2015

Notary Public Wake County

Sworn to and subscribed before me This 16th day of July, 2015

My Commission Expires: FEB 1 7 2020

Notary Signature

Appendix E: Public & Agency Comments and Responses

This appendix includes public and agency comments on the draft conformity determination report and responses to those comments. The comments listed below include formatting changes.

1. The Federal Highway Administration sent the following request to agencies for comments, and reported back the following responses:

NCDOT, EPA, FHWA and NCDAQ had no comments.

Agency emails and NCDAQ's review and comment letter is provided in the attached files.

There was no reply from FTA. Include this email along with the attached files in Appendix E of the CDR.

If you have any questions, please let me know. Thanks, Eddie

From: Dancausse, Edward (FHWA)

Sent: Thursday, June 18, 2015 11:45 AM

To: Scott Davis (davis.scottr@epa.gov); LaShore, Tajsha (FTA); Dianna Myers (myers.dianna@epa.gov);

Heather Hildebrandt (hjhildebrandt@ncdot.gov); Jones, Phyllis

Cc: John Hodges-Copple; Anne Galamb (Anne.Galamb@ncdenr.gov); Chris.Lukasina@campo-nc.us;

'rpdesai@ncdot.gov'; Scott Walston; Terry Arellano (E-mail); Holman, Sheila; Lukasina, Chris; Reed, Donna

(FHWA); swpullium@ncdot.gov; njtennison@ncdot.gov; Amanetta Somerville

(<u>Somerville.amanetta@epa.gov</u>); Sheckler, Kelly; Hoops, George (FHWA); Julie Bollinger

(jbollinger@ncdot.gov); felix.nwoko@durhamnc.gov; Dancausse, Edward (FHWA)

Subject: Reply Requested by 7.9.15: Agency Review Triangle 16-20 TIP and MTP Amendment Draft

Conformity Determination Report

Dianna/Scott/Tajsha:

The attached files contain the FHWA letter requesting review and comment of the Draft Triangle Area 16-20 TIP and MTP Amendment Conformity Determination Report (CDR). The Draft CDR is also provided in the attached file. I will not be sending hard copies of these documents. If you want a hard copy for your files please print them.

Phyllis/Heather: This email serves as our request for your review of the draft CDR.

I am requesting your review comments by 7/9/15.

If you have any questions or need additional information/time for your review, please let me know.

Thanks, Eddie

2. Environmental Protection Agency

From: Myers, Dianna < Myers. Dianna@epa.gov>

Sent: Monday, July 06, 2015 3:40 PM

To: Dancausse, Edward (FHWA); Davis, Scott; LaShore, Tajsha (FTA);

hjhildebrandt@ncdot.gov; phyllis.d.jones@ncdenr.gov

Cc: johnhc@tjcog.org; Anne.Galamb@ncdenr.gov; Chris.Lukasina@campo-nc.us;

rpdesai@ncdot.gov; swalston@ncdot.gov; tarellano@ncdot.gov;

Sheila.Holman@ncdenr.gov; Chris.Lukasina@campo-nc.us; Reed, Donna

(FHWA); swpullium@ncdot.gov; njtennison@ncdot.gov; Somerville,

Amanetta; Sheckler, Kelly A.; Hoops, George (FHWA); jbollinger@ncdot.gov;

felix.nwoko@durhamnc.gov; Myers, Dianna

Subject:RE: Reply Requested by 7.9.15: Agency Review Triangle 16-20 TIP and MTP

Amendment Draft Conformity Determination Report

Hello Eddie,

I have reviewed the Draft Conformity Determination Report and I do not have any comments at this time.

Dianna B. Myers **Physical Scientist Regional Transportation Conformity Contact**

Air Regulatory Management Section

Phone: (404) 562-9207 Fax: (404) 562-9019

e-mail myers.dianna@epa.gov

RESPONSE: No response required.

3. NC Department of Transportation

From: Hildebrandt, Heather J < hjhildebrandt@ncdot.gov>

Sent: Thursday, June 25, 2015 9:47 AM

Dancausse, Edward (FHWA) To:

Subject:RE: Reply Requested by 7.9.15: Agency Review Triangle 16-20 TIP and MTP

Amendment Draft Conformity Determination Report

Eddie,

Thank you for forwarding the Triangle Area TIP and MTP Amendment CDR. I do not have any comments or concerns with the report or the finding of conformity.

Heather

RESPONSE: No response required.

4. NC Division of Air Quality

From: Jones, Phyllis <phyllis.d.jones@ncdenr.gov>

Sent: Tuesday, July 07, 2015 3:53 PM To: Dancausse, Edward (FHWA)

Cc: Galamb, Anne; Hildebrandt, Heather J

Subject:RE: Reply Requested by 7.9.15: Agency Review Triangle 16-20 TIP and MTP

Amendment Draft Conformity Determination Report

Attachments: DAQ LOS Triangle 2016-2020 TIP CDR signed letter-070915.docx.pdf

Good Afternoon Eddie,

Attached is DAQ's Letter of Support for the Triangle 16-20 TIP and MTP Amendment draft Conformity Report. The DAQ has no comments.

Thanks,

Phyllis D. Jones, EIT
NC DENR, Division of Air Quality
Technical Services Section, Mobile Sources Compliance Branch
Transportation Conformity Engineer
1641 Mail Service Center
Raleigh, NC 27699-1641

Phone/Fax: (919) 707-8424
Website: http://www.ncair.org
E-mail: Phyllis.D.Jones@ncdenr.gov

RESPONSE: No response required. The referenced letter is shown on the next page

5. NC Capital Area MPO Public Hearing

At the public hearing on August 19, the following comment was received:

COMMENT: TIP Project #R-2814C (US 401 widening) is listed in the table of projects as not qualifying as "regionally significant." Because of its role in regional travel from northern Wake County and Franklin County in towards Raleigh, it seems regionally significant.

RESPONSE: For the purposes of federal transportation planning, a regionally significant project means a transportation project (other than an exempt project) that is on a facility which serves regional transportation needs (such as access to and from the area outside of the region, major activity centers in the region, major planned developments such as new retail malls, sports complexes, etc., or transportation terminals as wells as most terminals themselves) and would normally be included in the modeling of a metropolitan area's transportation network, including at a minimum all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel. Because US 401 widening project is part of a federal route (US 401) that connects the Triangle region to areas to the north and is part of the region's modelled network, it's listing in the table in Appendix A has been changed to "regionally significant."



North Carolina Department of Environment and Natural Resources

Pat McCrory Governor

Donald R. van der Vaart Secretary

July 9, 2015

Patrick Norman, P.E. Manager Transportation Planning Branch NC Department of Transportation 1554 Mail Service Center Raleigh, NC 27699-1554

Dear Mr. Norman:

Thank you for forwarding the Draft Conformity Determination Report - Short Form for the Triangle Area (Capital Area Metropolitan Planning Organization and Durham-Chapel Hill-Carrboro Metropolitan Planning Organization) Metropolitan Planning Process for the Durham and Wake Counties carbon monoxide (CO) Limited Maintenance Area. The North Carolina Department of Environment and Natural Resources, Division of Air Quality (DAQ) has completed its review of the draft conformity determination report.

On June 20, 2013, the US Environmental Protection Agency approved a limited maintenance plan for CO for the Wake and Durham Counties CO maintenance area. The approved Triangle CO Limited Maintenance Plan eliminates the requirement for the Capital Area Metropolitan Planning Organization (CAMPO) and Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) to conduct a regional emissions analysis for the CO National Ambient Air Quality Standard pursuant to 40 CFR 93.109(e). However, all other transportation conformity requirements under 40 CFR 93.109(b) are still applicable.

In conjunction with the review that the Division of Air Quality performed on the Draft Conformity Determination Report - Short Form for the Triangle Area Metropolitan Planning Process, the DAQ also reviewed the 2040 MTP Amendment and the 2016-2020 TIP for the CAMPO and DCHC MPO. The 2016-2020 TIP appears to be a subset of the 2040 MTP.

Thank you again for the opportunity to review this draft conformity report. If you have any questions, you may contact Phyllis Jones of my staff at (919) 707-8424.

Sincerely.

Sheila C. Holman, Director

Division of Air Quality, NCDENR

SCH:pdj

CC: Terry Arellano, DOT Tajsha LaShore, FTA

Dianna Myers, EPA Scott Davis, EPA

Eddie Dancausse, FHWA Heather Hildebrandt, DOT

Appendix F: Adoption, Endorsement Resolutions and Agency Determinations

This appendix will include the NC Capital Area MPO and DCHC MPO TIP and conformity resolutions. Agency determinations are included in this appendix as they are received.