



305 Chestnut Street  
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www.wmpo.org

*Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that pro-actively drive transportation decisions to improve safety, connectivity, economic development and quality of life in the Wilmington region.*

**Wilmington Urban Area Metropolitan Planning Organization  
Board  
Meeting Agenda**

**TO:** Wilmington Urban Area MPO Board Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** October 23, 2019  
**SUBJECT:** October 30<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, October 30, 2019 at 3 pm. The meeting will be held in the 6<sup>th</sup> Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentations
  - a. Go Coast Webpage- Nick Cannon, WMPO
- 7) Public Hearing
  - a. Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs (p. 3-39)
- 8) Consent Agenda
  - a. Approval of Board Meeting Minutes from September 25, 2019 (p. 40-45)
  - b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4 (p. 46-47)
  - c. Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities (p. 48-55)
  - d. Opening of the 30-day Public Comment Period for 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-5 (p. 56-61)
- 9) Regular Agenda
  - a. Resolution approving the Go Coast Transportation Demand Management Committee Bylaws (p. 62-66)

**Wilmington Urban Area Metropolitan Planning Organization**

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10) Discussion

- a. Alternative Funding Criteria for inclusion in Cape Fear Moving Forward 2045
- b. Cape Fear Public Transportation Authority Reduction Strategies/Local Funding (p. 67-68)

11) Updates

- a. Wilmington Urban Area MPO (p. 69-75)
- b. Cape Fear Public Transportation Authority (p. 76-77)
- c. NCDOT Division (p. 78-80)
- d. NCDOT Transportation Planning Division (p. 81-85)

12) Announcements

- a. Bike/Pedestrian Committee Meeting- November 12<sup>th</sup>

13) Next meeting – November 20, 2019

**Attachments**

- 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
- Resolution adopting the 2020-2029 State/Wilmington Urban Area MPO Transportation Improvement Programs
- Board Meeting Minutes- September 25, 2019
- Proposed 2018-2027 and 2020-2029 STIP/ MPO Transportation Improvement Program Amendment #19-4
- Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-4
- Draft Agreement between the Wilmington Urban Area MPO, Cape Fear Public Transportation Authority and City of Wilmington
- Resolution authorizing the Chairman to enter into an agreement with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide FY 19-20 funding to the Cape Fear Public Transportation Authority for Public Transportation Planning Activities
- Proposed 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendment #19-5
- Proposed Go Coast Transportation Demand Management Committee Bylaws
- Resolution approving the Go Coast Transportation Demand Management Committee Bylaws
- Cape Fear Public Transportation Authority's Service Reduction & Additional Revenue Recommendations
- Wilmington Urban Area MPO Project Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Transportation Planning Division Project Update (October)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
HIGHWAY PROGRAM

TOTAL														TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS						
COUNTY	NUMBER						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029										
INTERSTATE PROJECTS																											
I-40	I-6039	MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.			11.9	10539							C	5270		C	5269										
NEW HANOVER PENDER																											
SW																											
I-40	I-6040	EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION.			15.2	11200												C	5600		C	5600					
PENDER																											
SW																											
I-140	I-5760	I-40 TO US 421. PAVEMENT REHABILITATION.			6.6	7714	7714																				
NEW HANOVER																											
SW		OPEN GRADED FRICTION COURSE. - UNDER CONSTRUCTION																									
COMPLETED																											
I-140	I-6038	US 421 TO US 74/US 76. PAVEMENT REHABILITATION.			9.8	4000																					
BRUNSWICK NEW HANOVER																											
SW																											
I-140	I-6037	US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION.			6.8	10385																					
NEW HANOVER SW																											
I-140	I-6036	US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION.			5.1	1410																					
BRUNSWICK SW																											
RURAL PROJECTS																											
US 17/US 74/US 76	R-3601	NC 133/SR 1472 (VILLAGE ROAD) INTERCHANGE TO THE US 421/NC 133 INTERCHANGE. ADD ADDITIONAL LANES ON NORTH AND SOUTHBOUND LANES AND WIDEN BRIDGE 090107 AND BRIDGE 090108.			1.5	71234	71234																				
BRUNSWICK NEW HANOVER																											
TRN		UNDER CONSTRUCTION																									

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

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COUNTY	NUMBER						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
URBAN PROJECTS		U-4902	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	12204	6484	A REG B H09049-B CSX RAILROAD TO CINEMA DRIVE, JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). - RIGHT-OF-WAY IN PROGRESS SW C H09049-C NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. - RIGHT-OF-WAY IN PROGRESS. INCLUDES U-5880. SW D H09049-D SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDELL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). - UNDER CONSTRUCTION					C 12300 C 12300 C 12300 C 12300 C					
US 17 BUSINESS (MARKET STREET)		H090499															
NEW HANOVER																	
US 74 (MARTIN LUTHER KING, JR. PARKWAY)		U-5792	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		26610	1500											
NEW HANOVER		H141226															
DIV							PROJECT TO BE LET WITH U-5881.										
US 74 (EASTWOOD ROAD)		U-5710	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	2.0	57267	8125											
NEW HANOVER		H141232															
SW							FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. - RIGHT-OF-WAY IN PROGRESS										
US 74		U-5731	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	1.0	33300	1500											
NEW HANOVER		H110978															
SW							RIGHT-OF-WAY IN PROGRESS										
US 421 (SOUTH FRONT STREET)		U-5734	US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTIPLE LANES.	1.0	27000	1000											
NEW HANOVER		H110961															
REG							RIGHT-OF-WAY IN PROGRESS										
US 421 (CAROLINA BEACH ROAD)		U-5790	NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	1.1	22908	1500											
NEW HANOVER		H090717															
DIV							RIGHT-OF-WAY IN PROGRESS										
DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)																	
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SW - Statewide Category																	
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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE																	

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
HIGHWAY PROGRAM

TOTAL PRIOR										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029			
URBAN PROJECTS																			
NC 132 (COLLEGE ROAD)	U-5881	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	2.9	82701	1000	T									R 17051				
NEW HANOVER	H149006-D				T										U 1500				
					T														
SW																			
PROJECT TO BE LET WITH U-5792.																			
NC 132 (COLLEGE ROAD)	U-5704	US 76 (OLEANDER DRIVE). INTERSECTION IMPROVEMENTS.		56400	1100	NHP								R 6250	R 9375	R 9375			
NEW HANOVER	H149006-E				NHP									U 2500	U 2500				
					NHP														
SW																			
PROJECT TO BE LET WITH U-5702A.																			
NC 133 BRUNSWICK	U-5914	US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.	0.5	2765	965	T	C	900	C	900									
DIV	H110994																		
RIGHT-OF-WAY IN PROGRESS.																			
NC 133 (CASTLE HAYNE ROAD)	U-5863	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULT-LANES	3.7	31674	1300	T				R 515	R 1543								
NEW HANOVER	H110980				T					U 500				C 1391	C 13213				
					T														
REG																			
SR 1175 (KERR AVENUE)	U-6201	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	0.3	5410	10	T									U 500				
NEW HANOVER	H110991				T										R 3300				
					T														
DIV																			
NEW ROUTE NEW HANOVER	U-5926	SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.		8732	3410	L	R	225											
					T		R	225											
					L					C 2436									
					T					C 2436									
DIV																			
ECONOMIC DEVELOPMENT PROJECT.																			
DIV - Division Category							EX - Exempt Category		SD - State Dollars (Non STI)										
HF - State Dollars (Non STI)							REG - Regional Category												
SW - Statewide Category							TRN - Transition Project												

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ROUTE/CITY		ID	NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
COUNTY								FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
BRIDGE PROJECTS		NC 133	B-4590	REPLACE BRIDGE 640029 OVER SMITH CREEK.		5072	972	NHPB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS															
ROUTE/CITY		ID	LOCATION / DESCRIPTION		TOTAL PROJ YEARS COST		PRIOR YEARS COST		DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED	
COUNTY	NUMBER				LENGTH (Miles)	COST (THOU)	COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
AVIATION PROJECTS																									
WILMINGTON INTERNATIONAL (ILM)		AV-5704	UPGRADE AIRFIELD LIGHTING VAULT.			500	500																		
NEW HANOVER		A130515																							
SW																									
UNDER CONSTRUCTION																									
WILMINGTON INTERNATIONAL (ILM)		AV-5796	INCREASE WIDTH OF ALL TAXIWAYS.			3800																			
NEW HANOVER		A150423																							
SW																									
OTHER FUNDS PROVIDED BY ILM.																									
WILMINGTON INTERNATIONAL (ILM)		AV-5886	TAXIWAY J IMPROVEMENTS.			5600																			
NEW HANOVER		A170936																							
SW																									
OTHER FUNDS PROVIDED BY ILM.																									
WILMINGTON INTERNATIONAL (ILM)		AV-5799	WIDEN NORTH-SOUTH TAXIWAY SYSTEM.			6500																			
NEW HANOVER		A150114																							
SW																									
OTHER FUNDS PROVIDED BY ILM.																									
WILMINGTON INTERNATIONAL (ILM)		AV-5801	EXPANSION OF AIR CARRIER APRON.			3940																			
NEW HANOVER		A150118																							
SW																									
OTHER FUNDS PROVIDED BY ILM.																									
WILMINGTON INTERNATIONAL (ILM)		AV-5702	REHABILITATE GA APRON NORTH.			500	500																		
NEW HANOVER		A130508																							
SW																									
UNDER CONSTRUCTION																									

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
BICYCLE AND PEDESTRIAN PROJECTS															
SR 1219 (SOUTH 17TH STREET)	EB-5600	HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.	1.7	933		BGANV	C	746							
						L	C	187							
NEW HANOVER	B141213														
DIV															
PLANNING, DESIGN, RIGHT-OF-WAY, AND CONSTRUCTION BY CITY OF WILMINGTON.															
CARENDON AVENUE NEW HANOVER	EB-6029	CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).	0.5	682	37	L	C	129							
						TADA	C	516							
DIV															
CAROLINA BEACH NEW HANOVER	EB-6039	CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.	1.3	490		L	PE	15		C	83				
						L									
						TADA	PE	59							
						TADA			C	333					
DIV															
SR 1403 (MIDDLE SOUND LOOP), SR 2862 (LENDIRE ROAD, OGEDEN BUSINESS LANE NEW HANOVER	EB-6027	CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE.	0.5	1805	305	L				R	500			C	1000
						L									
DIV															
BELVILLE ELEMENTARY MULTI USE PATH BRUNSWICK	EB-6026	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.	0.4	151		L	PE	6							
						TADA	PE	24							
						L				R	1				
						TADA				R	2				
						L				C	24				
						TADA				C	94				
DIV															
PEACHTREE AVENUE NEW HANOVER	EB-5719 B141312	PARK AVENUE TO MC MILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209	22	TAAVY	C	150							
						L	C	37							
DIV															
DIV - Division Category    EX - Exempt Category    SD - State Dollars (Non STI) HF - State Dollars (Non STI)    REG - Regional Category SW - Statewide Category    TRN - Transition Project															

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NON-HIGHWAY PROGRAM

TOTAL PRIOR													TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED			
					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
BICYCLE AND PEDESTRIAN PROJECTS																						
RICE HOPE MULTI USE PATH BRUNSWICK	EB-6025	MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE.	0.2	200	BGDA	PE	24															
					L	PE	6															
					BGDA			R	2													
					L			R	1													
					BGDA			C	134													
					L			C	33													
DIV																						
WILMINGTON NEW HANOVER	EB-6028	CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.	0.0	200	75	L	C	25														
					TADA	C	100															
DIV																						

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ROUTE/CITY		ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM		UNFUNDED
COUNTY	FUNDS					FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
FERRY PROJECTS																		
SOUTHPORT - FORT FISHER		F-5707	CONSTRUCT MOORING FACILITIES.	5000		T												
BRUNSWICK NEW HANOVER		F-150236													C	2500		
REG																		
SOUTHPORT-FORT FISHER		F-5705	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.	14000		T												
BRUNSWICK NEW HANOVER		F-150235																
REG																		
PUBLIC TRANSPORTATION PROJECTS																		
CAPE FEAR PUBLIC TRANSPORTATION		TA-5224	REPLACEMENT TROLLEY	700		F	BUS	CP	700									
NEW HANOVER																		
SD																		
CAPE FEAR PUBLIC TRANSPORTATION		TA-5222	REPLACEMENT LTV	1873	1249	F	BUS	CP	260	CP	260							
NEW HANOVER						L		CP	26	CP	26							
						S		CP	26	CP	26							
SD																		
FUNDS AUTHORIZED IN PROGRESS																		
CAPE FEAR PUBLIC TRANSPORTATION		TA-5134	REPLACEMENT HYBRID BUS	478	478	J	A	R	C									
NEW HANOVER						L												
SD																		
CAPE FEAR PUBLIC TRANSPORTATION		TA-5221	REPLACEMENT LTV	1321	956	F	U	Z	CP	324								
NEW HANOVER						L		CP	41									
						S												
SD																		
FUNDS AUTHORIZED IN PROGRESS																		

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non STI)

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											
ROUTE/CITY		ID	LOCATION / DESCRIPTION		LENGTH (Miles)	PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM							DEVELOPMENTAL PROGRAM				UNFUNDED		
COUNTY	NUMBER							FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
PUBLIC TRANSPORTATION PROJECTS																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TA-5223	REPLACEMENT BUS	60/70			2836	FBUS	CP	2588												
							L	CP	323												
							S	CP	323												
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TA-6700	ADA	389			389	L														
							STBGDA														
							STPDA														
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TA-6552	CAPITAL - REPLACEMENT VEHICLE	460			460	INF														
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TA-6516	CAPITAL	771			771	ENU														
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TD-4721	WMMTC CONSTRUCTION	2125			2125	L														
							STBGDA														
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TG-6796	ADA	325			325	L														
							STBGDA														
SD																					
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	TG-6795	PREVENTIVE MAINTANENCE	313			313	L														
							STBGDA														
SD																					

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non STI)

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO

SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAIL

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM

										TOTAL PRIORITY YEARS COST										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
ROUTE/CITY		ID	LOCATION / DESCRIPTION		LENGTH (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED FUTURE YEARS	
COUNTY	NUMBER							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029												
PUBLIC TRANSPORTATION PROJECTS																													
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6177		ROUTE 201 IN WILMINGTON, UPGRADE AMENITIES AND BUS STOPS			66																							
					</																								

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
DELIVERABLE PROGRAM												UNFUNDED				
DEVELOPMENTAL PROGRAM												FUTURE YEARS				
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	PRIOR PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PUBLIC TRANSPORTATION PROJECTS																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6137	OPERATING ASSISTANCE		636	636	JARC										
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6108	OPERATING ASSISTANCE - NEW FREEDOM		1872	1872	FNF										
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6135	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS		116	116	FNF										
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6121	OPERATING		738	738	FNF										
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TO-4751	OPERATING ASSISTANCE		78662	55630	FUZ	O	2129	O	2129	O	2129	O	2129	O	2129
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TO-5210	OPERATING ASSISTANCE FOR EXPRESS FIXED ROUTE SERVING FORDEN AND DOWNTOWN STATIONS		368	368	JARC										
NEW HANOVER																
SD																
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TP-5111	PLANNING ASSISTANCE - 5303		4408	2760	FMP	PL	384	PL	384	PL	384	PL	384	PL	384
NEW HANOVER																
SD																
FUNDS AUTHORIZED IN PROGRESS																
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE																

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM

										TOTAL PRIOR										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
ROUTE/CITY		ID		LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
COUNTY	NUMBER	FY 2020	FY 2021						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
PUBLIC TRANSPORTATION PROJECTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY		TP-5110	PLANNING ASSISTANCE - SHORT RANGE DEVELOPMENT		300	200	FUZ	CP	80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON-HIGHWAY PROGRAM

										TOTAL PRIOR										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																					
ROUTE/CITY		ID		LOCATION / DESCRIPTION		LENGTH (Miles)		PROJ COST (THOU)		YEARS COST (THOU)		DELIVERABLE PROGRAM										UNFUNDED																																			
COUNTY		NUMBER										FY 2020										FY 2026																																			
PUBLIC TRANSPORTATION PROJECTS		TQ-9001		CAPITAL PURCHASE OF SERVICE		432		168		FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026										FY 2029										FUTURE YEARS															
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY		NEW HANOVER		TQ-9011		CAPITAL - PURCHASE OF SERVICE		176		176		FEPD		L		S																																									
SD																																																									
FUNDS AUTHORIZED IN PROGRESS																																																									
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY		NEW HANOVER		TQ-9035		5310 CAPITAL PROJECT - SERVICE VEHICLE		20		20		FEPD		L																																											
SD																																																									
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY		NEW HANOVER		TQ-9036		5310 CAPITAL PROJECT - REVENUE VEHICLE		117		117		FEPD		L																																											
SD																																																									
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY		NEW HANOVER		TS-5103		SAFETY & SECURITY - MIN. 1% SET ASIDE		326		230		FEUZ		L		CP		22		CP		22		CP		22		CP		22		CP		22																							
SD																																																									
FUNDS AUTHORIZED IN PROGRESS																																																									
FREIGHT RAIL PROJECTS																																																									
CSX SE LINE		P-5740		TIE AND RAIL REHABILITATION, IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CURVE RE-ALIGNMENTS AND UPGRADE SWITCH OPERATIONS, CLOSE AND IMPROVE VARIOUS EXISTING AT GRADE CROSSINGS.		13.0		45480		4080		T		T		R		600				C		8471		C		8470																													
NEW HANOVER		R170187										DP										C		23839																																	
SW																																																									
DISCRETIONARY FUNDING PROVIDED FROM FEDERAL CRISI GRANT																																																									
DIV - Division Category																																																									
HF - State Dollars (Non STI)																																																									
SW - Statewide Category																																																									
EX - Exempt Category																																																									
REG - Regional Category																																																									
TRN - Transition Project																																																									
SD - State Dollars (Non STI)																																																									
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAIL																																																									

DIV - Division Category

HF - State Dollars (Non STI)

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TRN - Transition Project

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# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY		ID	PROJ YEARS		DELIVERABLE PROGRAM												UNFUNDED	
COUNTY	NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
INTERSTATE PROJECTS																		
VARIOUS STATEWIDE	1-9999	INTERSTATE MAINTENANCE BALANCE: SW	451003		INHPIM													
RURAL PROJECTS																		
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	5780	4190	T	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48		
					T	PE	48	REG	PE	48	REG	PE	48	REG	PE	48		
					T	PE	64	SW	PE	64	SW	PE	64	SW	PE	64		
					DIV	DIV												
					REG	REG												
					SW	SW												
					HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
					HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
					HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
IN PROGRESS																		
VARIOUS STATEWIDE	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.	684	384	T	PE	100	DIV										
					T	PE	100	REG										
					T	PE	100	SW										
					DIV	DIV												
					REG	REG												
					SW	SW												
					TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.													
					TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.													
IN PROGRESS																		
VARIOUS STATEWIDE	M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	27088	17088	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300		
					T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300		
					T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400		
					DIV	DIV												
					REG	REG												
					SW	SW												
					TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
					TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
					TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.													
IN PROGRESS																		
VARIOUS STATEWIDE	M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.	3535	535	T	PE	300		PE	300		PE	300		PE	300		
					PE	300		PE	300		PE	300		PE	300			
DIV																		

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

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# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS										
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029																
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK	21841	12931	T	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV						
					T	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG			
					T	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW			
					DIV - DIV STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. REG - REG STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. SW - SW STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																											
IN PROGRESS																																
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).	244131	244131																												
IN PROGRESS																																
VARIOUS STATEWIDE	R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.	35062		FLTP	C	35062																									
IN PROGRESS																																
EX																																
PROGRAM IN PROGRESS																																
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).	278058	278058																												
IN PROGRESS																																
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.	73915	43915	BG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV						
IN PROGRESS																																
DIV - DIV NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS																																
REG - REG NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS																																
SW - SW NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS																																
IN PROGRESS																																
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).	91242	91242																												
IN PROGRESS																																
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.	20234	20234																												
IN PROGRESS																																
DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)																																
HF - State Dollars (Non STI) REG - Regional Category																																
SW - Statewide Category TRN - Transition Project																																
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE.																																

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# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

STATEWIDE PROJECT  
HIGHWAY PROGRAM

TOTAL										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																								
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM										UNFUNDED																
COUNTY	NUMBER							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		FUTURE YEARS															
HIGHWAY SAFETY PROJECTS																																		
VARIOUS STATEWIDE		W-5717	HIGHWAY SYSTEM DATA COLLECTION.		5000		DIV	HSIP	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	REG	HSIP	PE	150	REG	PE	150	REG	PE	150	REG				
							REG	HSIP	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG														
							SW	HSIP	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW					
							DIV	HIGHWAY SYSTEM DATA COLLECTION.																										
							REG	HIGHWAY SYSTEM DATA COLLECTION.																										
							SW	HIGHWAY SYSTEM DATA COLLECTION.																										
VARIOUS STATEWIDE		W-5716	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		55000		DIV	HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	REG	HSIP	PE	1650	REG	PE	1650	REG				
							REG	HSIP	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG	PE	1650	REG		PE	1650	REG	PE	1650	REG				
							SW	HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW		PE	2200	SW	PE	2200	SW				
							DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
							REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
							SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
VARIOUS STATEWIDE		W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		22101	22101	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
							REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
							SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																										
VARIOUS STATEWIDE		W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		3500	3500	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																										
							REG	SIGNAL RETIMING TO IMPROVE SAFETY.																										
							SW	SIGNAL RETIMING TO IMPROVE SAFETY.																										
							IN PROGRESS																											
VARIOUS STATEWIDE		W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		149943	130343	DIV	HSIP	R	420	DIV	R	420	DIV																				
							REG	HSIP	C	2520	DIV	C	2520	DIV																				
							SW	HSIP	R	420	REG	R	420	REG																				
							IN PROGRESS																											
							DIV	HSIP	C	2520	REG	C	2520	REG																				
							REG	HSIP	C	2520	REG	C	2520	REG																				
							SW	HSIP	R	560	SW	R	560	SW																				
							IN PROGRESS																											
							DIV	HSIP	C	3360	SW	C	3360	SW																				
							REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.																										
							SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.																										
							RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATEWIDE CATEGORY.																											
							IN PROGRESS																											
DIV - Division Category		EX - Exempt Category	SD - State Dollars (Non STI)	COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO																														
HF - State Dollars (Non STI)		REG - Regional Category	SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAIL																															
SW - Statewide Category		TRN - Transition Project																																

STATEWIDE PROJECT  
HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																											
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED																
						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																					
HIGHWAY SAFETY PROJECTS																																					
VARIOUS STATEWIDE	W-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000		HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	REG	C	450	REG	C	600	SW	C	600	SW	C	600	SW				
						DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																													
						REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																													
						SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																													
CONGESTION MITIGATION PROJECTS																																					
VARIOUS STATEWIDE	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		51751	41540	CMAQ	PE	817																													
						S(M)	PE	204																													
						CMAQ	R	817																													
						S(M)	R	204																													
						CMAQ	C	4901																													
						S(M)	C	1226																													
						CMAQ	O	817																													
						S(M)	O	204																													
						CMAQ	I	817																													
						S(M)	I	204																													
EX																																					
DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM, UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.																																					
VARIOUS STATEWIDE	C-3600			6702	6702	IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																															
						CMAQ	PE	118																													
						L	PE	29																													
						CMAQ	R	118																													
						L	R	29																													
						CMAQ	C	704																													
						L	C	176																													
						CMAQ	O	118																													
						L	O	29																													
						CMAQ	I	118																													
						L	I	29																													
EX																																					

# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TOTAL PRIOR										DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED			
ROUTE/CITY		ID	PROJ YEARS		COST		COST		FUNDS		FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026		FY 2027		FY 2028		FY 2029		FUTURE YEARS		
COUNTY		NUMBER	LOCATION / DESCRIPTION		LENGTH (Miles)	(THOU)	(THOU)																										
CONGESTION MITIGATION PROJECTS																																	
VARIOUS STATEWIDE		C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		2994		2994		EX A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS																							
EX									EX B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.																							
									EX C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.																							
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES STATEWIDE		C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500		1500																										
EX										IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																							
NORTH CAROLINA STATE UNIVERSITY STATEWIDE		C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694		4694		EX A	PHASE 2 OF IMPLEMENTATION																							
EX										IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																							
STATEWIDE		C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000				CMAQ	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000		
EX																																	
ENHANCEMENT (ROADSIDE PROJECTS)																																	
VARIOUS STATEWIDE		ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264		3264	BG	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000			
DIV										IN PROGRESS																							
VARIOUS STATEWIDE		M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1412		712	T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	
									T	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG
									T	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW
DIV										STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																							
REG										STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																							
SW										STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																							
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAIL																																	

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# STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY	ID	LOCATION / DESCRIPTION	PROJ LENGTH	YEARS COST	DELIVERABLE PROGRAM										UNFUNDED	
COUNTY	NUMBER		(Miles)	(THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
SAFE ROUTES TO SCHOOLS PROJECTS																
VARIOUS STATEWIDE	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435											
IN PROGRESS																
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		16339	16339											
IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																
BICYCLE AND PEDESTRIAN PROJECTS																
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.		13845	1845	TA	C	1200	C	1200	C	1200	C	1200	C	1200
IN PROGRESS																
VARIOUS STATEWIDE	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	BG	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000
IN PROGRESS																
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476											
UNDER CONSTRUCTION																
VARIOUS STATEWIDE	EB-6033	SAFE ROUTES TO SCHOOL EDUCATION.														
OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY. IN PROGRESS																
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.														
IN PROGRESS																
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE																

STATEWIDE PROJECT  
NON-HIGHWAY PROGRAM

														TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
COUNTY	NUMBER						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028		FY 2029																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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VARIOUS	EB-6037	RAILS TO TRAILS PROGRAM			387.50		L	R	3750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

# STATEWIDE PROJECT NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ YEARS COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM						UNFUNDED FUTURE YEARS					
COUNTY	NUMBER				FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029			
PUBLIC TRANSPORTATION PROJECTS																		
REGIONAL COORDINATED AREA	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES			7769	7049FSPR	CP	600	CP	120								
STATEWIDE					S													
FUNDS AUTHORIZED IN PROGRESS																		
REGIONAL COORDINATED AREA	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)			50	50UTCH												
STATEWIDE																		
SD																		
STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE			443	443FNF												
STATEWIDE																		
SD																		
STATEWIDE	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS			90863	36033FNU	CP	5468	CP	5469	CP	5470	CP	5471	CP	5490	CP	5490
STATEWIDE					L	CP	684	CP	684	CP	684	CP	685	CP	687	CP	687	
					S	CP	684	CP	684	CP	684	CP	685	CP	687	CP	687	
FUNDS AUTHORIZED IN PROGRESS																		
STATEWIDE	TA-6666	5339 BUS AND BUS FACILITIES			60324	12355FBUS	CP	4448	CP	4449	CP	4450	CP	5004	CP	5005	CP	5005
STATEWIDE					L	CP	556	CP	557	CP	557	CP	625	CP	626	CP	626	
					S	CP	556	CP	557	CP	557	CP	625	CP	626	CP	626	
FUNDS AUTHORIZED IN PROGRESS																		
SD																		
FUNDS AUTHORIZED IN PROGRESS																		
STATEWIDE	TA-6712	REPLACEMENT OF TRANSIT VEHICLES MEETING USEFUL LIFE			7915	7915CMAQ												
STATEWIDE					L													
SD																		
STATEWIDE	TC-S004	5311 ADTAP			17751	7669ADTAP	CP	1008	CP	1008	CP	1009	CP	1009	CP	1010	CP	1010
STATEWIDE					L	CP	115	CP	126	CP	127	CP	127	CP	127	CP	127	
					S	CP	115	CP	126	CP	127	CP	127	CP	127	CP	127	
FUNDS AUTHORIZED IN PROGRESS																		
SD																		
FUNDS AUTHORIZED IN PROGRESS																		
DIV - Division Category    EX - Exempt Category    SD - State Dollars (Non STI)    HF - State Dollars (Non STI)    REG - Regional Category    TRN - Transition Project    TW - Statewide Category																		
Page 11 of 15																		
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE																		

# STATEWIDE PROJECT NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY		ID	PROJ	YEARS	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED
COUNTY	NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	COST (THOU)	COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
PUBLIC TRANSPORTATION PROJECTS																			
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L													
STATEWIDE					S														
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TH-6109	INTERCITY BUS SERVICE		9043	9043	FNU													
STATEWIDE					L														
STATEWIDE					S														
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		1407	653	AD	AD	92	AD	93	AD	93	AD	94	AD	94	95		
STATEWIDE					AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD		
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TK-6181	5311 ADMINISTRATIVE		204316	57488	FNU	AD	14631	AD	14681	AD	14682	AD	14682	AD	14683	AD		
STATEWIDE					L	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753		
STATEWIDE					S	AD	918	AD	918	AD	918	AD	918	AD	918	AD	918		
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TK-4900Z	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	16730	FNU	AD	2820	AD	2840	AD	2860	AD	2880	AD	2900	AD		
STATEWIDE					FNU	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD		
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC													
STATEWIDE					L														
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TN-6125	5317 NEW FREEDOM		4756	484	FEP	O	410	O	420	O	430	O	440	O	450	O		
STATEWIDE					L	O	82	O	84	O	86	O	88	O	90	O	92		
FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE					O	470	O	480											
STATEWIDE					O	94	O	96											
FUNDS AUTHORIZED IN PROGRESS																			
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# STATEWIDE PROJECT NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY		ID	LOCATION / DESCRIPTION	PROJ LENGTH (Miles)	PROJ COST (THOU)	PROJ YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARSS
COUNTY	NUMBER					FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029					
PUBLIC TRANSPORTATION PROJECTS																					
STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS			4293	4293	FNU														
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TO-6155	5311 OPERATING AND 5311 OPERATING F		173475	19155	FNU	O	12790	O	12810	O	12830	O	12850	O	12870	O	12890			
STATEWIDE						L	O	6395	O	6405	O	6415	O	6425	O	6435	O	6445			
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU															
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TP-5154	5304 PLANNING		5724	588	FNU	PL	500	PL	510	PL	520	PL	530	PL	540	PL	550			
STATEWIDE						L	PL	100	PL	102	PL	104	PL	106	PL	108	PL	110			
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		31363	11365	FNU	CP	1998	CP	1998	CP	1999	CP	1999	CP	2000	CP	2000			
STATEWIDE						L	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250			
STATEWIDE						S	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250			
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		26692	11986	FNU	O	918	O	918	O	919	O	919	O	919	O	920			
STATEWIDE						L	O	918	O	918	O	919	O	919	O	919	O	920			
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TS-7001	5329 STATE SAFETY AND OVERSIGHT		5192	516	FNU	AD	689	AD	689	AD	689	AD	345	AD	345	AD	345			
STATEWIDE						L															
STATEWIDE						S	AD	155	AD	155	AD	155	AD	69	AD	69	AD	69			
SD		FUNDS AUTHORIZED IN PROGRESS																			
STATEWIDE	TS-7000	DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO															
SD		FUNDS AUTHORIZED IN PROGRESS																			
DIV - Division Category							EX - Exempt Category		SD - State Dollars (Non STI)		COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE										
HF - State Dollars (Non STI)							REG - Regional Category														
SW - Statewide Category							TRN - Transition Project														

# STATEWIDE PROJECT NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	PROJ COST (THOU)	YEARS COST (THOU)	DELIVERABLE PROGRAM										UNFUNDED					
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS				
PUBLIC TRANSPORTATION PROJECTS																					
STATEWIDE	TS-4900Z	STATEWIDE RTAP		67/87	2707	RTAP	AD	440	AD	460	AD	480	AD	500	AD	520	AD	540			
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	INF															
SD						S															
FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	5092	JARC	AD	500													
STATEWIDE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3920	INF	AD	350													
STATEWIDE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
SUB REGIONAL	TV-4903	5310 STATE ADMIN		11315	6919	FEPD	AD	541	AD	545	AD	545	AD	545	AD	550	AD	550			
STATEWIDE																					
SD																					
FUNDS AUTHORIZED IN PROGRESS																					
PASSENGER RAIL PROJECTS																					
VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		14170	4170	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV
STATEWIDE						T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG
						T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW
DIV DIV STATEWIDE RAIL PRELIMINARY ENGINEERING																					
REG REG STATEWIDE RAIL PRELIMINARY ENGINEERING																					
SW SW STATEWIDE RAIL PRELIMINARY ENGINEERING																					
IN PROGRESS																					
VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31944	1944	RR	R	500		R	500		R	500		R	500		R	500	
STATEWIDE						RR	C	2500		C	2500		C	2500		C	2500		C	2500	
DIV																					
IN PROGRESS																					

STATEWIDE PROJECT  
NON-HIGHWAY PROGRAM

														TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED						
COUNTY	NUMBER					FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
PASSENGER RAIL PROJECTS																											
VARIOUS STATEWIDE	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		24500		RR							RR	500	R	500											
						RR							C	3000	C	3000											
DIV																											
VARIOUS STATEWIDE	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7000		RR		R	500		R	500															
						RR		C	3000		C	3000															
DIV																											
VARIOUS STATEWIDE	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14847	14847																						
DIV																											
IN PROGRESS																											
VARIOUS STATEWIDE	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841																						
DIV																											
IN PROGRESS																											
NORTH CAROLINA RAILROAD STATEWIDE	C-5571	NC DOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456																						
EX																											
IN PROGRESS																											

DIV - Division Category

HF - State Dollars (Non STI)

SW - Statewide Category

EX - Exempt Category

REG - Regional Category

TRN - Transition Project

SD - State Dollars (Non STI)

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

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# FISCAL CONSTRAINT - STIP FUNDING SUMMARY 2020 - 2023 (September 2019)

## WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

### HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)			
			FY 2020	FY 2021	FY 2022	FY 2023
BGANY	Surface Transportation Block Grant Program (Any Area)	F			13311	26309
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	F	2928	2982	2874	3043
HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM	F	212			
L	Local	O	1383	1200	3250	760
NHP	National Highway Performance Program	F	18873	19062	15762	34055
NHPB	National Highway Performance Program(Bridge)	F	4120			
NHPIM	National Highway Performance Program (Interstate Maintenance)	F		1421	5402	5456
S	State	S	28	42		
T	Highway Trust Funds	S	39499	44041	12715	41711
TA	Transportation Alternatives Program (Uncategorized)	F	64			
SUBTOTAL			67107	68748	53314	111334

FUNDING TYPES: "F" - Federal "S" - State "O" - Other "C" - City

# FISCAL CONSTRAINT - STIP FUNDING SUMMARY 2020 - 2023 (September 2019)

## WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

### NON-HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING	(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)			
		TYPE	FY 2020	FY 2021	FY 2022	FY 2023
BGANY	Surface Transportation Block Grant Program (Any Area)	F	749			
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	F	24		139	
DP	Discretionary or Demonstration	F			24460	
FBUS	Capital Program - Bus Earmark (5309)	F	3563	263		
FEPPD	Elderly and Persons with Disability (5310)	F	242	117	118	
FMPL	Metropolitan Planning (5303)	F	385	389	393	397
FNU	Non Urbanised Area Formula Program (5311)	F	218	220	222	225
FUZ	Capital Program - Bus Earmark (5309)	F	2818	2183	2204	2281
L	Local	O	3808	3489	2960	3970
O	Local, Non Federal or State Funds	O		3491	5433	
S	State	S	374	40	14	14
SMAP	Operating Assistance and State Maintenance	S	849	857	866	874
T	Highway Trust Funds	S	482	6800	9708	8776
TAANY	Transportation Alternatives Program (Any Area)	F	150			
TADA	Transportation Alternatives Program (Direct Attributable)	F	701	338	98	0
SUBTOTAL			14363	18187	46615	16537
TOTAL			81470	86935	99929	127871

FUNDING TYPES: "F" - Federal "S" - State "O" - Other "C" - City

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE STATE/WILMINGTON URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION  
IMPROVEMENT PROGRAMS FOR FY 2020-2029**

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation; and

**WHEREAS**, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

**WHEREAS**, the Draft 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs were released in January 2019; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization conducted a 30-day public comment period and public hearing on the Draft 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs; and

**WHEREAS**, the 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs, for years one through three, will serve as the project selection document for transportation projects within the Wilmington Urban Area Metropolitan Planning Organization's boundary.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the FY 2020-2029 State/Wilmington Urban Area Metropolitan Planning Organization Transportation Improvement Programs.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2019.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

**Board Meeting Minutes**  
**6<sup>th</sup> Floor Conference Room, 320 Chestnut Street**  
**Wednesday, September 25, 2019**

**Members Present**

David Piepmeyer, Pender County  
Brenda Bozeman, Town of Leland  
Charlie Rivenbark, City of Wilmington  
Mike Allen, Town of Belville  
Steve Shuttleworth, Town of Carolina Beach  
John Ellen, Town of Kure Beach  
Pat Kusek, New Hanover County  
Eulis Willis, Town of Navassa

**Others Present**

Mike Kozlosky, Executive Director, WMPO  
Karen Collette, NCDOT Highway Division 3

**1. Call to Order**

Chairman Piepmeyer called the meeting to order at 3:00 p.m.

**2. Conflict of Interest Statement**

Chairman Piepmeyer read the conflict of interest statement and asked if any members had a conflict with any of the items on the meeting agenda. No members reported having a conflict.

**3. Approval of Board Members' Excused Absences**

Mr. Kozlosky stated that Frank Williams, Mike Alford, Jonathan Barfield and Hank Miller have requested to be excused from the meeting.

Mr. Rivenbark made a motion to excuse the absences of Mr. Williams, Mr. Alford, Mr. Barfield and Mr. Miller. Ms. Kusek seconded the motion, and it carried unanimously.

**4. Approval of the Agenda**

Ms. Kusek made a motion to approve the agenda as presented, seconded by Mr. Rivenbark, and the motion carried unanimously.

**5. Public Comment Period**

Andrew Koeppel spoke to the MPO Board and expressed concerns regarding the suspension of the Cape Fear Crossing Project. He requested that the MPO Board direct staff to draft a resolution of support for the continuation of the project, which could be later endorsed by the City Council and County Boards of Commissioners. He noted that the resolution should also encourage the consultant to continue its work leading to the selection of a designated route (currently within 95% completion). In addition, Mr. Koeppel requested that the resolution call for an investigation into the feasibility of the Turnpike Authority constructing the bridge, rather than to have the project re-enter the prioritization process. He commented that without action by the MPO Board, the Cape Fear Crossing Project would not move forward.

**6. Presentations**

**a. Go Coast Annual Report**

Nick Cannon, Transportation Demand Management (TDM)/Go Coast Coordinator, WMPO, gave a brief presentation on the Go Coast Annual Report.

The fiscal year update on the TDM/Go Coast Program included the following:

- **Commuter Friendly Employer Program** – a program recognizing employers who offer incentives for encouraging alternate forms of transportation via carpooling, bike racks, etc.
- **Be A Looker Campaign** (April - September) – 200 pledges
- **Commuter Challenge** (October) – 11 sponsors; 723 participants; 6,000 trips total; more than 26,000 miles and 18,000 pounds of CO<sub>2</sub> emissions reduced
- **River to Sea Bike Ride** (May) – 400 participants, most attendance in the history of the 20-mile round-trip ride from Wilmington to Wrightsville Beach
- **Bike to Work Week** – 68 participants and an unknown number of unrecorded participants (staff is seeking better participation tracking)
- **Bike Share** – although the City of Wilmington signed an agreement in May, the vendor (Zagster) is no longer able to fulfill its terms and staff is exploring termination of the agreement
- **Go Coast Visibility/Marketing** – more than 1,600 likes on Instagram, 92 posts
- **Go Coast Committee** – 16 members, meets quarterly
- **Go Coast Web Site** – currently under development

**b. Bike/Pedestrian Web Application – Abby Lorenzo, WMPO**

Ms. Lorenzo gave an overview of a web application (app) developed by staff in response to interest expressed by member jurisdictions. The app is an interactive tool centrally located on the WMPO GIS portal page to access bicycle and pedestrian infrastructure data for parks, hiking and biking trails, sidewalks and crosswalks across the WMPO region. She noted that it allows users to zoom in and out of any location to view the available facilities, and is designed to remain a work in progress that will accommodate updates easily as the region continues to grow and add facilities.

Ms. Lorenzo stated that staff is working on a policy to update the application regularly with available data working in conjunction with our member jurisdictions. She noted that during the course of the next 15 weeks, an intern will map bicycle and pedestrian data in the smaller jurisdictions. Although the site is mobile-friendly, staff plans to develop a mobile app with GPS functionality.

**7. Consent Agenda**

- a. **Approval of Board Meeting Minutes of August 28, 2019**
- b. **Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization's Rules of Procedure**
- c. **Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4**
- d. **Opening 30-day public comment period for 2020-2029 State/MPO Transportation Improvement Programs**

Ms. Kusek made a motion to approve the Consent Agenda as presented. Mr. Allen seconded the motion, and it carried unanimously.

**8. Regular Agenda**

- a. **Resolution Endorsing the Fiscally Constrained Project Lists for Inclusion in Cape Fear Moving Forward 2045**

Ms. Lorenzo gave a brief overview of the draft fiscally constrained project lists for inclusion in Cape Fear Moving Forward 2045 that were amended at the MPO Board's August meeting. She listed the proposed changes to the Roadway Projects list as follows:

- Remove:
  - RW-94, Castle Hayne Streetscape Improvements
  - RW-215, Kerr Avenue Extension, 2
- Replace with:
  - RW-181, Blue Clay Road Interchange
  - RW-16, Myrtle Grove Road Widening
  - RW-25, Piner Road Improvements and Intersection Realignment
  - RW-129, Navaho Trail and Masonboro Loop Road Roundabout, Northern Intersection
  - RW-191, Mohican Trail and Masonboro Loop Road Roundabout
  - RW-192, Navaho Trail and Masonboro Loop Road Roundabout, Southern Intersection
  - RW-193, Myrtle Grove Road, Piner Road and Masonboro Loop Road Roundabout
  - RW-166, Sidbury Road and Hampstead Bypass Interchange

Ms. Lorenzo stated that the removal of RW-94 and RW-215 would allow five additional projects based on ranking and cost to move into the fiscally constrained Roadway Projects list. She noted that these additions include the following:

- RW-10, New Centre Drive Extension to Clear Run Drive
- RW-137, US 17 and NC 210 Intersection Improvements
- RW-6, Hoover Road Widening
- RW-99, Murrayville Road Widening
- RW-226, US 17/421 and US 17/76 Merge Lane Addition

Ms. Kusek made a motion to approve the resolution endorsing the fiscally constrained project lists for inclusion in Cape Fear Moving Forward 2045.

Mr. Rivenbark expressed concerns regarding the removal of RW-215.

Mr. Ellen seconded the motion, and it carried 7-1. (Mr. Rivenbark voted "No.")

**b. Resolution supporting the allocation of FY 2020 Surface Transportation Block Grant-Direct Attributable funds to the Cape Fear Public Transportation Authority**

Ms. Kimes gave an overview of the Cape Fear Public Transportation Authority's request for Fiscal Year 2020 Surface Transportation Block Grant Program-Direct Attributable (STBG-DA) funding and distributed copies of the request. She reminded members that at its February meeting, the MPO Board agreed to continue to assist Wave with DA funds toward ADA and preventative maintenance expenses this year, and to consider future funding if available.

Ms. Kimes stated that Wave Transit has requested \$600,000 for ADA and preventative maintenance expenses. She noted that staff recommends providing \$500,000 – the amount included in Wave's current adopted budget. She added that the Technical Coordinating

Committee (TCC) requested further details regarding ADA and preventative maintenance expenses.

Ms. Kimes stated that the ADA portion funds the Dial A Ride Transportation (DART) Program for individuals who show proof of a disability, live within three-quarters of a mile of a fixed bus route, and an inability to access the bus route. She noted that \$150,000 of the DA funds covered 80% of the cost of 10,110 DART rides during the six months from July 1, 2018 to December 31, 2018. She added that other federal funding covered the beginning of the year.

As for the maintenance portion of funds, Ms. Kimes explained that the state of good repair defined by the federal government includes such categories as salaries, fuels, maintenance, communications, tires, utilities, insurance, office supplies, uniforms, professional services, etc. to keep buildings and equipment in good repair. She noted that similar to ADA spending, Wave exhausts one pot of money before using another, and the \$350,000 in DA funds went to pay a portion of Wave's maintenance expenses for the year.

Ms. Kimes stated that the TCC also requested best practices for transit in other MPO regions across the state. She reported that the WMPO was found to provide the highest percentage (15%) of funds for ADA and preventive maintenance. Last year, Greensboro provided 12% for preventative maintenance. However, some regions benefit from Congestion Mitigation & Air Quality (CMAQ) funds, which the WMPO does not receive. In general, DA funds are not given for transit or are given for specific fiscal projects such as the purchase of a bus or a building.

Mr. Kozlosky pointed out that some of the other MPOs have dedicated revenue sources such as a county sales tax that go directly to fund transit.

In response to an inquiry by Mr. Rivenbark. Ms. Kimes stated that staff researched all the other MPOs in the state that have STBG funds.

Chairman Piepmeyer requested that the comparison be forwarded to MPO Board members.

Ms. Kimes gave an update on the DA budget with revised estimates from the jurisdictions. She stated that seven of the 13 active projects in design or close to construction have additional needs including three in the City of Wilmington and four in the Town of Leland. In addition, two of the remaining projects may come forward for additional funding. However, one is in the early stages and the other is on hold due to utility complications. She noted that if the MPO Board wishes to award the additional funds requested, about \$89,000 would remain. She pointed out that although \$992,000 was held in reserve as a buffer for unintended overruns, about \$2.3 million is needed.

Ms. Kimes reminded the MPO Board members that the periodic rescission of Transportation Alternative Set Aside (TASA) funds is expected. Although the amount is unknown, she estimated that about \$1 million remains in unobligated TASA funds. She noted that each phase of TASA funded projects must be obligated first. Of the three that were awarded in the spring, one received obligation prior to the shutdown of the federal government's system on September 15<sup>th</sup>. Some older projects did not make it to construction, and may remain unfunded if the MPO Board so desires. However, the jurisdictions that have spent federal

money, may have to repay the federal government any reimbursements received for previous work on an incomplete project or complete it with funds from the jurisdiction.

A question/answer and discussion period was held.

Mr. Rivenbark made a motion to approve the Resolution Supporting the Allocation of FY 2020 Surface Transportation Block Grant- Direct Attributable funds in the amount of \$500,000 to the Cape Fear Public Transportation Authority. Ms. Bozeman seconded the motion, and it carried unanimously.

## **9. Discussion**

### **a. Cape Fear Moving Forward Alternative Funding Sources**

Ms. Lorenzo gave an overview of alternative funding sources for the Metropolitan Transportation Plan and requested direction from the MPO Board members as to those it would consider supporting. She noted that the alternative funding sources were presented in July to the MPO Board by the consultant (WSP), which prepared a forecast of potential revenue projected out to 2045.

- Quarter-cent Local Option Sales Tax (General Transportation or Transit) – \$612 million
- Driver's License Tax (\$5 annual fee) – \$25 million
- Vehicle Registration Fee (\$7 per vehicle) – \$40 million
- Vehicle Rental Tax (5%) – \$29 million
- Bicycle Registration (\$10 annual fee) – \$7 million

Ms. Lorenzo reminded the MPO Board members that tolling and municipal bonds are not included as they are project-specific funding sources. She noted that any supported alternative funding would determine which other projects might be considered in the fiscally constrained plan. She expressed a desire to return recommended additional projects to the MPO Board for consideration in October.

Chairman Piepmeyer expressed a desire to schedule a presentation to the Pender County Board of Commissioners in order to determine support for the alternative funding sources. He suggested that the presentation be given to each of the member jurisdictions as well over the next couple of months. Mr. Rivenbark concurred.

In response to an inquiry Ms. Kusek, Ms. Lorenzo stated that the asterisks indicate alternative funding sources that would be implemented at a countywide level only.

Mr. Kozlosky pointed out that bonds can be used for leverage and would raise the ranking or scoring of projects as well.

### **b. River to Sea Ride Cap**

Mr. Cannon stated that the River to Sea Bike Ride that took place this May was the most successful to date with about 400 participants. He noted that the committee and police officers overseeing the event discussed capping participation at 400. The ride would continue to be 10 miles in each direction, beginning at 7:00 a.m. and ending at 10:00 a.m.

Mr. Cannon stated that the law enforcement officers expressed concerns regarding maintaining the safety of the event and traffic for participation greater than 400 cyclists. He noted that registration was online this year and was opened two weeks in advance of

the event. He commented that thankfully not all of the 600 registrants participated. He suggested that a cap and a fee would necessitate a commitment from participants and encourage a good turnout. He reported that the Technical Coordinating Committee had no objections to a cap.

A brief question/answer and discussion period was held. The MPO Board members had no objection to a cap.

**10. Updates**

Mr. Kozlosky requested assistance in expediting the scheduling of the presentations to member jurisdictions on funding alternatives for the Metropolitan Transportation Plan in order to maintain the timeline for the plan. Chairman Piepmeyer agreed.

Mr. Kozlosky acknowledged the presence of new MPO staff members: Associate Transportation Planner Rachel McIntyre, and GIS Analyst Luke Foreman. Ms. McIntyre and Mr. Foreman gave some brief professional background information and expressed appreciation.

In response to an inquiry Chair Piepmeyer, Mr. Kozlosky stated that one staff vacancy remains. He noted that the rest of the updates have been included in the agenda packet.

**11. Announcements**

- a. **Bike/Pedestrian Committee Meeting – October 8<sup>th</sup>**
- b. **The next WMPO Board meeting – October 30<sup>th</sup>**

**12. Adjournment**

With no further business, the meeting was adjourned at 3:56 p.m.

Respectfully submitted,

Mike Kozlosky  
Executive Director  
Wilmington Urban Area Metropolitan Planning Organization

**THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.  
THE ENTIRE PROCEEDINGS ARE RECORDED ON A COMPACT DISC AS PART OF THIS RECORD.**

Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment 19-4  
(August 2019)

* EB-6037 STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, RAILS TO TRAILS PROGRAM <u>PROJECT ADDED TO REFLECT NEW PROGRAM.</u>	STATEWIDE PROJECT	RIGHT OF WAY	FY 2019 - \$8,000,000 (TALTS) FY 2019 - \$2,000,000 (L) FY 2020 - \$2,000,000 (TALTS) FY 2020 - \$500,000 (L) FY 2024 - <u>\$10,000,000 (L)</u> \$22,500,000
			CONSTRUCTION	

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING AMENDMENT #19-4 TO THE  
2018-2027 AND 2020-2029 STATE /MPO TRANSPORTATION IMPROVEMENT  
PROGRAMS**

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation; and

**WHEREAS**, the Board has found that the Wilmington Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner; and

**WHEREAS**, the North Carolina Board of Transportation adopted the 2018-2027 State Transportation Improvement Program on August 3, 2017 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on August 30, 2017; and

**WHEREAS**, the North Carolina Board of Transportation adopted the 2020-2029 State Transportation Improvement Program on September 5, 2019 and the Wilmington Urban Area Metropolitan Planning Organization Board adopted the Statewide/MPO Transportation Improvement Programs on October 30, 2019; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Amendment #19-4; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has conducted a 30-day public comment period to receive citizen input on this proposed amendment.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Amendment #19-4.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2019.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

**FY 2019-2020 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT  
AGREEMENT FOR THE WILMINGTON URBANIZED AREA**

**THIS AGREEMENT** made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a “Wave Transit”, a North Carolina public transportation authority.

**W I T N E S S E T H**

**WHEREAS**, by joint resolution the City of Wilmington and New Hanover County established the “Cape Fear Public Transportation Authority” (hereinafter referred to as “Wave”) to provide public transportation services within the area designated as the Wilmington Urbanized Area (hereinafter referred to as “UZA”), effective July 1, 2004, in recognition of the fact that some traffic and transportation concerns of each entity are the same without regard for any jurisdictional boundary; and

**WHEREAS**, pursuant to, and in compliance with, 23 C.F.R. § 450.306, the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as “MPO”) was designated as the policy body for cooperative transportation decision making in the UZA; and

**WHEREAS**, the City of Wilmington serves as the Lead Planning Agency for the MPO; and

**WHEREAS**, on November 18, 2015, the MPO, which includes the City of Wilmington,

New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the “Cape Fear Transportation 2040” which affects the UZA; and

**WHEREAS**, Wave is the provider of public transportation services in the UZA; and

**WHEREAS**, on June 22, 2005, the Secretary of Transportation for the State of North Carolina, with authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared Wave to be a designated recipient of Federal Urbanized Area Formula Program funds for the UZA; and

**WHEREAS**, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 transit planning funds for the UZA; and

**WHEREAS**, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

**WHEREAS**, 23 C.F.R. § 450.314 requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

**NOW THEREFORE**, in consideration of the mutually beneficial covenants of agreement between the parties hereinafter expressed in enumerated terms, the adequacy and sufficiency of which of hereby acknowledged by each as valuable consideration the City of Wilmington on behalf of the Metropolitan Planning Organization and Wave agree as follows:

1. **Cooperation.** The MPO and Wave shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Planning Organization Transportation Improvement Program (hereinafter referred to as “MPO TIP”). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MPO TIP as adopted by the MPO. MPO TIP is in accordance with the State Transportation Improvement Program, and is periodically amended as the State Transportation Improvement Program is updated.
2. **Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision making process. The parties shall insure that projects in the public transportation service portion of the MPO TIP are included in the planning process.
3. **Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line item allocation shown on the MPO’s budget which is known as the Unified Planning Work Program.
4. **Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington’s funds, except those held for the MPO. No funds paid under this agreement shall exceed \$56,000.
5. **Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.
6. **Termination.** This Agreement shall terminate as a result of the loss of Federal

and/or State funding for public transportation services for the UZA. Additionally, any party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said “Notice of Termination” shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.

8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

**IN WITNESS WHEREOF**, the due execution in agreement by parties hereto as evidenced by the hereafter affixed signatures.

**(This space is left intentionally blank)**

**CITY OF WILMINGTON**

\_\_\_\_\_  
Bill Saffo, Mayor

**ATTEST:**

\_\_\_\_\_  
Penelope Spicer-Sidbury, City Clerk

[SEAL]

Approved as to form:

\_\_\_\_\_  
John Joye, City Attorney

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

I, \_\_\_\_\_, a Notary Public of \_\_\_\_\_ County,  
North Carolina, certify that Penelope Spicer-Sidbury personally came before me this day and  
acknowledged that she is City Clerk of the City of Wilmington, and that by authority duly given  
and as the act of the Council, the foregoing instrument was signed in its name by its Mayor,  
sealed with its corporate seal and attested by herself as its City Clerk.

WITNESS my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

**CERTIFICATION**

This instrument has been preaudited in the manner required by The Local Government  
Budget and Fiscal Control Act.

This \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Jennifer Maready, City Finance Officer

Project Number: MP1920 (if applicable)  
Account Number: 021-2753-442.31-60  
Amount of Contract: \$Not to Exceed56,000  
Federal ID Number: 56 6000239

**WILMINGTON URBAN AREA METRO  
PLANNING ORGANIZATION,  
by and through its Board**

By: \_\_\_\_\_  
Honorable David Piepmeyer, Chair

Attest: \_\_\_\_\_  
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

I, \_\_\_\_\_, a Notary Public in and for the State and County aforesaid, certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of the **Board of the Wilmington Urban Area Metropolitan Planning Organization**, and that by authority duly given and as the act of the Organization, the foregoing instrument was signed in its name by its Chairman and attested by himself as its Secretary.

WITNESS my hand and official seal, this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_ (Seal)

Notary Public

My commission expires: \_\_\_\_\_.

**CAPE FEAR PUBLIC TRANSPORTATION  
AUTHORITY d/b/a/ Wave Transit**

By: \_\_\_\_\_  
Chairman

Attest: \_\_\_\_\_  
Secretary

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

I, \_\_\_\_\_, a Notary Public in and for the State and County aforesaid, certify that \_\_\_\_\_ personally came before me this day and acknowledged that s/he is the Secretary of the **Cape Fear Public Transportation Authority d/b/a Wave Transit**, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION AUTHORIZING THE CHAIRMAN TO ENTER INTO AN AGREEMENT WITH  
THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY AND CITY OF WILMINGTON  
FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION TO  
PROVIDE FY 19-20 SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC TRANSPORTATION  
AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITIES**

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation; and

**WHEREAS**, in accordance with 23 CFR § 450.306, the Wilmington Urban Area Metropolitan Planning Organization was designated as the policy body for cooperative transportation decision making in the Wilmington Urbanized Area (UZA); and

**WHEREAS**, the City of Wilmington and New Hanover County effective July 1, 2004 established the Cape Fear Public Transportation Authority to provide public transportation services within the UZA; and

**WHEREAS**, the Cape Fear Public Transportation Authority is the provider of public transportation services within the UZA; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

**WHEREAS**, the City of Wilmington serves as the Lead Planning Agency for the Wilmington Urban Area Metropolitan Planning Organization; and

**WHEREAS**, 23 CFR § 4510.314 requires an agreement between the Cape Fear Public Transportation Authority and the Wilmington Urban Area Metropolitan Planning Organization specifying cooperative procedures for carrying out transportation planning and programming.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement for FY 19-20 with the Cape Fear Public Transportation Authority and City of Wilmington for the Wilmington Urban Area Metropolitan Planning Organization to provide Section 5303 funding in an amount not to exceed \$56,000 to the Authority to complete public transportation planning activities within the MPO's Urbanized Area boundary.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2019.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

## Proposed Amendments to 2018-2027 and 2020-2029 STIP/MPO TIP Programs

### STIP/MPO TIP Amendment 19-5 (October 2019)

* EB-6039 NEW HANOVER PROJ. CATEGORY DIVISION	CAROLINA BEACH, CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.	ENGINEERING  CONSTRUCTION	FY 2020 - \$ 59,000 (TADA) FY 2020 - \$15,000 (L) FY 2021 - \$333,000 (TADA) FY 2021 - <u>\$83,000</u> (L) \$490,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		
* U-6233 NEW HANOVER PROJ. CATEGORY DIVISION	CAROLINA BEACH, CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.	ENGINEERING  RIGHT-OF-WAY  CONSTRUCTION	FY 2020 - \$2,000 (S) FY 2020 - \$6,000 (BGDA) FY 2020 - \$10,000 (S) FY 2020 - \$40,000 (BGDA) FY 2021 - \$42,000 (S) FY 2021 - <u>\$170,000</u> (BGDA) \$270,000
	<u>PROJECT ADDED AT REQUEST OF MPO. 'S'</u>		
	<u>FUNDS REPRESENT STATE HIGHWAY FUNDS.</u>		
* U-6234 NEW HANOVER PROJ. CATEGORY DIVISION	WILMINGTON, WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B.	ENGINEERING  CONSTRUCTION	FY 2020 - \$192,000 (BGDA) FY 2020 - \$48,000 (L) FY 2021 - \$1,168,000 (BGDA) FY 2021 - <u>\$292,000</u> (L) \$1,700,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		
* U-6235 NEW HANOVER PROJ. CATEGORY DIVISION	WILMINGTON, TRAFFIC SIGNAL PRE-EMPTION FOR EMERGENCY VEHICLES PROJECT.	ENGINEERING	FY 2020 - \$390,000 (BGDA) FY 2020 - \$97,000 (L) FY 2021 - \$627,000 (BGDA) FY 2021 - <u>\$157,000</u> (L) \$1,271,000
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	

* U-6236 NEW HANOVER PROJ.CATEGORY DIVISION	WILMINGTON, WEST SALISBURY STREET STREETSCAPE PROJECT, <u>PROJECT ADDED AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2020 - \$636,000 (BGDA) FY 2020 - <u>\$273,000</u> (L) \$909,000
* W-5803DIV BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON PROJ.CATEGORY DIVISION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY      CONSTRUCTION	FY 2020 - \$30,000 (HSIP) FY 2021 - \$30,000 (HSIP) FY 2022 - \$30,000 (HSIP) FY 2020 - \$180,000 (HSIP) FY 2021 - \$180,000 (HSIP) FY 2022 - <u>\$180,000</u> (HSIP) \$630,000
* W-5803REG DUPLIN PENDER ONSLow NEW HANOVER BRUNSWICK SAMPSON REGIONAL PROJ.CATEGORY	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3. ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.	RIGHT-OF-WAY      CONSTRUCTION	FY 2020 - \$30,000 (HSIP) FY 2021 - \$30,000 (HSIP) FY 2022 - \$30,000 (HSIP) FY 2020 - \$180,000 (HSIP) FY 2021 - \$180,000 (HSIP) FY 2022 - <u>\$180,000</u> (HSIP) \$630,000

* W-5803SW	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.	RIGHT-OF-WAY	FY 2020 - \$30,000 (HSIP)
BRUNSWICK			FY 2021 - \$30,000 (HSIP)
DUPLIN	<b><u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT PREVIOUSLY PROGRAMMED.</u></b>	CONSTRUCTION	FY 2022 - \$30,000 (HSIP)
NEW HANOVER			FY 2020 - \$180,000 (HSIP)
ON SLOW			FY 2021 - \$180,000 (HSIP)
PENDER			FY 2022 - <u>\$180,000</u> (HSIP)
SAMPSON			\$630,000
PROJ.CATEGORY			
STATEWIDE			

W-5715DIV	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	STATEWIDE	CONSTRUCTION	FY 2020 - \$450,000 (HSIP)
STATEWIDE				FY 2021 - \$450,000 (HSIP)
PROJ.CATEGORY	<b><u>PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>			FY 2022 - \$450,000 (HSIP)
DIVISION				FY 2023 - \$450,000 (HSIP)
				FY 2024 - \$450,000 (HSIP)
				FY 2025 - \$450,000 (HSIP)
				FY 2026 - \$450,000 (HSIP)
				FY 2027 - \$450,000 (HSIP)
				FY 2028 - \$450,000 (HSIP)
				FY 2029 - \$450,000 (HSIP)
				\$4,500,000

* W-5715REG	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	STATEWIDE	CONSTRUCTION	FY 2020 - \$450,000 (HSIP)
STATEWIDE				FY 2021 - \$450,000 (HSIP)
PROJ.CATEGORY	<b><u>PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></b>			FY 2022 - \$450,000 (HSIP)
REGIONAL				FY 2023 - \$450,000 (HSIP)
				FY 2024 - \$450,000 (HSIP)
				FY 2025 - \$450,000 (HSIP)
				FY 2026 - \$450,000 (HSIP)
				FY 2027 - \$450,000 (HSIP)
				FY 2028 - \$450,000 (HSIP)
				FY 2029 - <u>\$450,000</u> (HSIP)
				\$4,500,000

\* W-5715SW  
STATEWIDE  
PROJ.CATEGORY  
STATEWIDE

VARIOUS, SIGNAL RETIMING TO IMPROVE  
SAFETY.  
**PROJECT ADDED AT REQUEST OF**  
**TRANSPORTATION MOBILITY AND SAFETY**  
**DIVISION.**

STATEWIDE      CONSTRUCTION

FY 2020 - \$600,000 (HSIP)  
FY 2021 - \$600,000 (HSIP)  
FY 2022 - \$600,000 (HSIP)  
FY 2023 - \$600,000 (HSIP)  
FY 2024 - \$600,000 (HSIP)  
FY 2025 - \$600,000 (HSIP)  
FY 2026 - \$600,000 (HSIP)  
FY 2027 - \$600,000 (HSIP)  
FY 2028 - \$600,000 (HSIP)  
FY 2029 - \$600,000  
\$6,000,000

\* W-5716DIV  
STATEWIDE  
PROJ.CATEGORY  
DIVISION

VARIOUS, SAFETY MANAGEMENT PROGRAM,  
PROJECT IDENTIFICATION, ANALYSIS AND  
PRELIMINARY ENGINEERING.  
**PROJECT ADDED AT REQUEST OF**  
**TRANSPORTATION MOBILITY AND SAFETY**  
**DIVISION.**

STATEWIDE      ENGINEERING

FY 2020 - \$1,650,000 (HSIP)  
FY 2021 - \$1,650,000 (HSIP)  
FY 2022 - \$1,650,000 (HSIP)  
FY 2023 - \$1,650,000 (HSIP)  
FY 2024 - \$1,650,000 (HSIP)  
FY 2025 - \$1,650,000 (HSIP)  
FY 2026 - \$1,650,000 (HSIP)  
FY 2027 - \$1,650,000 (HSIP)  
FY 2028 - \$1,650,000 (HSIP)  
FY 2029 - \$1,650,000 (HSIP)  
\$16,500,000

\* W-5716REG  
STATEWIDE  
PROJ.CATEGORY  
REGIONAL

VARIOUS, SAFETY MANAGEMENT PROGRAM,  
PROJECT IDENTIFICATION, ANALYSIS AND  
PRELIMINARY ENGINEERING.  
**PROJECT ADDED AT REQUEST OF**  
**TRANSPORTATION**  
**MOBILITY AND SAFETY DIVISION.**

STATEWIDE      ENGINEERING

FY 2020 - \$1,650,000 (HSIP)  
FY 2021 - \$1,650,000 (HSIP)  
FY 2022 - \$1,650,000 (HSIP)  
FY 2023 - \$1,650,000 (HSIP)  
FY 2024 - \$1,650,000 (HSIP)  
FY 2025 - \$1,650,000 (HSIP)  
FY 2026 - \$1,650,000 (HSIP)  
FY 2027 - \$1,650,000 (HSIP)  
FY 2028 - \$1,650,000 (HSIP)  
FY 2029 - \$1,650,000 (HSIP)  
\$16,500,000

\* W-5716SW STATEWIDE PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.  
 PROJ.CATEGORY STATEWIDE

VARIOUS, SAFETY MANAGEMENT PROGRAM,  
 PROJECT IDENTIFICATION, ANALYSIS AND  
 PRELIMINARY ENGINEERING.  
PROJECT ADDED AT REQUEST OF  
TRANSPORTATION  
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$2,200,000 (HSIP)  
 FY 2021 - \$2,200,000 (HSIP)  
 FY 2022 - \$2,200,000 (HSIP)  
 FY 2023 - \$2,200,000 (HSIP)  
 FY 2024 - \$2,200,000 (HSIP)  
 FY 2025 - \$2,200,000 (HSIP)  
 FY 2026 - \$2,200,000 (HSIP)  
 FY 2027 - \$2,200,000 (HSIP)  
 FY 2028 - \$2,200,000 (HSIP)  
 FY 2029 - \$2,200,000 (HSIP)  
 \$22,000,000

\* W-5717DIV STATEWIDE PROJ.CATEGORY DIVISION

VARIOUS, HIGHWAY SYSTEM DATA  
 COLLECTION.  
PROJECT ADDED AT REQUEST OF  
TRANSPORTATION  
MOBILITY AND SAFETY DIVISION.

STATEWIDE ENGINEERING

FY 2020 - \$150,000 (HSIP)  
 FY 2021 - \$150,000 (HSIP)  
 FY 2022 - \$150,000 (HSIP)  
 FY 2023 - \$150,000 (HSIP)  
 FY 2024 - \$150,000 (HSIP)  
 FY 2025 - \$150,000 (HSIP)  
 FY 2026 - \$150,000 (HSIP)  
 FY 2027 - \$150,000 (HSIP)  
 FY 2028 - \$150,000 (HSIP)  
 FY 2029 - \$150,000 (HSIP)  
 \$1,500,000

\* W-5717REG  
STATEWIDE  
PROJ.CATEGORY  
REGIONAL

VARIOUS, HIGHWAY SYSTEM DATA  
COLLECTION.  
PROJECT ADDED AT REQUEST OF  
TRANSPORTATION  
MOBILITY AND SAFETY DIVISION.

STATEWIDE      ENGINEERING

FY 2020 - \$150,000 (HSIP)  
FY 2021 - \$150,000 (HSIP)  
FY 2022 - \$150,000 (HSIP)  
FY 2023 - \$150,000 (HSIP)  
FY 2024 - \$150,000 (HSIP)  
FY 2025 - \$150,000 (HSIP)  
FY 2026 - \$150,000 (HSIP)  
FY 2027 - \$150,000 (HSIP)  
FY 2028 - \$150,000 (HSIP)  
FY 2029 - \$150,000 (HSIP)  
\$1,500,000

\* W-5717SW  
STATEWIDE  
PROJ.CATEGORY  
STATEWIDE

VARIOUS, HIGHWAY SYSTEM DATA  
COLLECTION.  
PROJECT ADDED AT REQUEST OF  
TRANSPORTATION  
MOBILITY AND SAFETY DIVISION.

STATEWIDE      ENGINEERING

FY 2020 - \$200,000 (HSIP)  
FY 2021 - \$200,000 (HSIP)  
FY 2022 - \$200,000 (HSIP)  
FY 2023 - \$200,000 (HSIP)  
FY 2024 - \$200,000 (HSIP)  
FY 2025 - \$200,000 (HSIP)  
FY 2026 - \$200,000 (HSIP)  
FY 2027 - \$200,000 (HSIP)  
FY 2028 - \$200,000 (HSIP)  
FY 2029 - \$200,000 (HSIP)  
\$2,000,000

# WILMINGTON UBRAN AREA METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION DEMAND MANAGEMENT ADVISORY COMMITTEE BYLAWS

## ARTICLE I - NAME

The name of this organization shall be the Wilmington Urban Area Metropolitan Planning Organization (WMPO) Transportation Demand Management (TDM) Advisory Committee, hereinafter referred to as the "Go Coast Committee."

## ARTICLE II - PURPOSE AND DEFINITIONS

The purposes of the Go Coast Committee are as follows:

- To provide advice and direction to the Transportation Demand Management (TDM) Coordinator on Go Coast Program initiatives.
- To share Go Coast Program initiatives with affiliates of the organizations and member jurisdictions represented on the Go Coast Committee.
- To help determine transportation demand needs for the Wilmington Urban Area MPO's planning boundary.

The definitions of pertinent terms are as follows:

- Representative: the primary voting member that is representing an organization on the Go Coast Committee.
- Alternate: the secondary voting member that is representation an organization on the Go Coast Committee. Alternate's may only vote in the absence of the Representative of the same organization.

## ARTICLE III - MEMBERS

### Section I- Qualifications:

The Go Coast Committee shall consist of Representatives from the WMPO region's major employers, member jurisdictions, and other community stakeholders. Representatives should submit a letter of acceptance to the Go Coast Committee presented on the organization's letterhead with the name and signature of the Representative. The Go Coast Committee shall strive to have representation from a variety of interests and perspectives in the WMPO planning region. The Go Coast Committee will select members to have representation from, including but not limited, to the following:

- A minimum of one employer with more than 1,000 employees
- A minimum of one employer with between 500 and 1,000 employees
- A minimum of one employer with between 100 and 500 employees
- The Cape Fear Public Transportation Authority
- A minimum of one institution of higher learning
- The WMPO member jurisdictions

## Section II- Terms of Committee Membership:

All Representatives serving on the Go Coast Committee are obligated to remain on the Committee for the entire fiscal year (June to July) and attend one meeting each quarter of the fiscal year. If a Representative is no longer able to serve on the Go Coast Committee for any reason including leaving the organization, it is the responsibility of the Representative to find a replacement to represent the organization. If the Representative of the organization changes at any time, the new Representative should submit a letter of acceptance to the Go Coast Committee presented on the organization's letterhead with the new name and signature of the Representative. If an organization or member jurisdiction represented on the Go Coast Committee wishes to no longer be on the Committee, the Representative should provide a letter of resignation presented on the organization's letterhead.

## Section III -Alternates:

Each Representative on the Go Coast Committee may appoint one (1) Alternate. The Alternate member may attend quarterly Go Coast Committee meetings and receive Committee communications via email. In the event of a vote, each organization will receive one (1) vote even if both the Alternate and Representative are present. The Alternate may vote in place of the Representative if the Representative is absent from a meeting. If the Representative has not selected an Alternate but cannot attend a meeting, they should not send a Proxy to attend. In the event that the Representative of an organization changes, it is not mandatory that the selected Alternate become the new Representative. Absentee voting is not permitted.

## ARTICLE IV - OFFICERS

### Section 1- Officers Defined:

The Committee, upon majority vote of its membership, shall appoint one Representative of the Committee to act as Chairman and one Representative to act as Vice-Chairman. The Chairman shall call to order and preside over meetings and appoint Committee members. In absence of the Chairman, the Vice-Chairman shall preside and complete all duties of the Chairman. Alternates are not permitted to be elected as Chairman and Vice-Chairman. If any officer resigns from the committee, an election will be held at the following scheduled meeting.

### Section III- Elections

Officers shall be elected annually at the last quarterly meeting of the fiscal year by the voting members of the Go Coast Committee, with their terms to begin at that first meeting of the following fiscal year. Officers shall serve for a period of one (1) year from their election and may be re-elected. In the event that the position of Transportation Demand Management Coordinator is vacant, the interim Chairman shall be a staff member of the WMPO appointed by the WMPO Executive Director.

## ARTICLE V - MEETINGS

### Section I -Meetings:

Regular schedules will be adopted by the Committee at the last meeting of the fiscal year except upon adoption of these bylaws in which the schedule will be adopted in the first meeting of the fiscal year. Meetings shall be scheduled one per quarter. If there is insufficient reason for a regularly scheduled meeting, as determined by the Chairman, the Chairman will notify members of the meeting's cancellation. Meetings shall be conducted under parliamentary procedures consistent with Robert's Rules of Order. A Special or Emergency meeting is a separate session held at a time different from that of a regular meeting, and convened only to consider one or more items of business specified in the call of the meeting. Notice of the time, place and exact purpose of the meeting must be emailed to all members ten (10) days in advance. The reason for the special or emergency meeting is to deal with important matters that may arise between regular meetings and that urgently require action by the Committee before the next regular meeting.

### Section II- Quorums and Majority Vote:

A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations, or voting upon business. A quorum consists of 51% of the members of the Go Coast Committee, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

### Section III- Attendance:

Each Representative shall be expected to attend each scheduled meeting. Any Go Coast Committee member asking to be excused shall require a call or email to the WMPO's Transportation Demand Management Coordinator, or the acting Chairman at least 24 hours in advance of the meeting unless in the case of an emergency or sickness. If an Alternate attends a meeting in place of the member, this will not count as an absence for the Representative. Representatives may only acquire one (1) unexcused absence each year. Upon the second unexcused absence, the chair will ask the Representative to resign from the Committee and find a new Representative to represent their organization.

## ARTICLE VI -VOTING PROCEDURES

### Section I - Majority Votes:

Any Representative may call for a vote on any issue provided that it is seconded by another Representative. Each voting member of the Committee shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists. Absentee voting is not permitted.

### Section II- Agenda:

The agenda is the list of items suggested for discussion at a Committee meeting. Agenda items originate from the Transportation Demand Management Coordinator or as a carry-over from previous meetings, are placed on the agenda prior to its distribution. In order for a Committee member to submit an item(s) to the Go Coast Committee, the item(s) must be submitted no later than 5:00 p.m. seven (7) business days before the following meeting.

### ARTICLE III - AMENDMENTS TO BYLAWS

The bylaws may be amended or repealed and new bylaws adopted by the affirmative vote of at least two-thirds (2/3) of the eligible voting members. Amendments can take place during any regular or special meeting.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION APPROVING THE BYLAWS FOR THE GO COAST  
TRANSPORTATION DEMAND MANAGEMENT COMMITTEE**

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization provides transportation planning services for the City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, New Hanover County, Brunswick County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation; and

**WHEREAS**, the Wilmington Metropolitan Planning Organization's Transportation Demand Management Advisory Committee, also known as the Go Coast Committee, was created in 2013; and

**WHEREAS**, the committee is comprised of community stakeholders including major employers, member jurisdictions, and educational institutions; and

**WHEREAS**, the Go Coast Committee provides advice and direction to the Transportation Demand Management Coordinator on Go Coast Program initiatives and shares those initiatives with affiliates of the organizations represented on the committee; and

**WHEREAS**, the committee also helps determine transportation demand needs within the Wilmington Urban Area Metropolitan Planning Organization's planning area boundary; and

**WHEREAS**, the Go Coast Committee bylaws were unanimously approved at the September 19, 2019 Transportation Demand Management Go Coast Committee meeting; and

**WHEREAS**, these bylaws outline the purpose of the committee and the expectations of its members.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the bylaws for the Go Coast Transportation Demand Management Committee.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 30, 2019.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary



## CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY

### Service Reduction & Additional Revenue Recommendations

October 2019

#### Introduction

In February 2019 during budget preparation for Fiscal Year 2020, the Cape Fear Public Transportation Authority faced a looming budget deficit. The deficit was a combination of revenue reductions from state and federal sources, grant program expiration, increased expenses, namely health and liability insurance, and the opening of the Downtown Transit Center. Numerous meetings with funding partners and the Authority Finance & Budget Committee led to a series of reports detailing suggestions to ensure budget compliance. The analysis led to the following proposal which includes service reduction and a request for additional local revenue to complete FY 2020 with a balance budget compliant with funding realities of Wave Transit. The preliminary reports are available online by clicking on the following links:

- [Transpro Short-Term Efficiencies and Long-Term Governing Model Report Analysis](#)
- [Shifting Gears-Transitioning Service Models](#)
- [Service Reduction Opportunities-October 2019](#)

The proposed FY 2020 budget shortfall is estimated to be \$775,000. A portion of the deficit can be made up from unallocated fund balance. Although this method of budget management is not preferred, it provides a viable option for ensuring minimal service disruption. Wave Transit is optimistic that service reductions and proposed increased revenue from local funding partners will allow the Authority to complete FY 2020 within budget.

#### Proposed Reductions

A list of six service reduction opportunities were presented to the Wave Transit Finance & Budget Committee for consideration. While all of the cuts would be impactful, the initial six opportunities were pared to three. It is believed that the three recommendations would have the least impact and would minimize ridership recovery should revenue be identified to restore the route to its current configuration. Compliance with FTA requirements for service reduction, especially civil rights and service equity impacts, was given careful consideration when identifying the final service reduction recommendations.

#### Expense Recommendation 1 - Reduce Daily Service Hours from 9:00pm to 8:00pm

Wave Transit currently provides off-peak weekday evening service until 9:00pm. Evening service was implemented in 2007 following the Authority's initial five year plan. It has proven vital to service employees, many of whom are economically hardshipped and reliant on Wave Transit for employment transportation. While the percentage of off-peak customers may seem insignificant, ridership typically drops as the end of the service day approaches. This is due to less travel and customers wanting to ensure that they make their final destination prior to the end of daily service.

##### RECOMMENDATION JUSTIFICATION

- The reduction requires limited employee support after 8:00pm
- Technicians would continue to stay after 8:00pm to service the fleet but would leave one hour sooner if this reduction were implemented
- Overhead is positively impacted by a reducing daily service by one hour
- Due to decreased ridership, evening service has a high cost per passenger and cost per mile of service
- Overhead costs would be reduced by one hour daily
- Most medical practices are closed on in the evening but educational and employment customers utilizing Wave Transit could be negatively impacted

##### IMPACT

- Estimated FY 2020 savings - \$100,850
- Loss of 2.3% of weekday ridership or 19,200 annual passengers
- Loss of 314 annual paratransit trips
- Reduction of off-peak weekday service is not believed to be in violation of FTA, civil rights or ADA requirements or annual certifications and assurances

#### Expense Recommendation 2 - Reduce Saturday Service Hours from 6:00am until 9:00pm to 9:00am until 6:00pm

Wave Transit currently provides Saturday service hours identical to weekday service with the exception of select routes. Saturday service hours were adopted from the standards employed by the Wilmington Transit Authority prior to the creation of Wave Transit. Saturday service is vital to service employees, many of whom are economically hardshipped and reliant on Wave Transit

for employment transportation.

#### **RECOMMENDATION JUSTIFICATION**

- The reduction results in limited employee need and support for six hours each Saturday
- Overhead is positively impacted by a reducing of Saturday hours
- Saturday service has a higher cost per passenger and cost per passenger mile than weekday service but a lower cost per mile and cost per passenger than Sunday service
- Overhead costs would be reduced by one hour daily

#### **IMPACT**

- Estimated FY 2020 savings - \$86,750
- Loss of 0.75% of weekday ridership or 6,500 annual passengers
- Loss of 1,872 annual paratransit trips
- Reduction of Saturday service hours is not believed to be in violation of FTA, civil rights or ADA requirements or annual certifications and assurances

#### **Expense Recommendation 3 - Suspension of Grants & Compliance Coordinator Position**

As part of the 2017 *Organizational Analysis*, the structure of the Authority was modified to meet the administrative needs of Wave Transit. No additional administrative positions were added, although new titles and definition of responsibilities were implemented. The reorganization resulted in the Director of Planning position being replaced by a Grants and Compliance Coordinator position. The Coordinator has improved the Authority's oversight of many compliance requirements including: drug and alcohol testing; grant application, compliance and management; National Transit Database reporting; safety and security plan implementation and compliance; training; FTA Triennial review compliance and management; and a host of complex reporting requirements.

The position has been vacant since June 2019 and has intentionally not been filled until clear local funding direction is identified. The proposed suspension of the position is for a period until funding has been appropriated to reinstate the position.

#### **RECOMMENDATION JUSTIFICATION**

- The position is currently vacant
- Elimination of an administrative position equitably distributes job elimination among all divisions of the Authority

#### **IMPACT**

- Estimated FY 2020 savings - \$65,000
- Current employees will be utilized to fill the position resulting in additional training and costs
- Compliance with numerous federal and state programs may be jeopardized
- Suspension of 1 full-time position

#### **Revenue Recommendation 1 - Supplemental Appropriation**

The proposed expense reductions total \$252,600 for the final six months of FY 2020. It is estimated that supplemental appropriations equaling 17.29% of the apportioned FY 2020 contribution from funding partners would make up the remaining deficit. The request would be quantified below (dollar amounts rounded):

- City of Wilmington - \$250,000
- New Hanover County - \$57,000
- Brunswick Consortium
  - Brunswick County - \$5,500
  - Leland - \$9,500
  - Navassa - \$2,350
- Town of Carolina Beach - \$1,800

#### **• TOTAL ADDITIONAL REVENUE REQUEST - \$326,150**

The Authority is unable to estimate the willingness of local funding partners to grant the proposed requests, especially since their budget years have begun. A significant portion of the request will be required to prevent more drastic expense reduction measures.

**WILMINGTON URBAN AREA MPO**  
**OCTOBER 2019**

**2045 METROPOLITAN TRANSPORTATION PLAN**

**Project Description/Scope:** The Wilmington Urban Area Metropolitan Planning Organization is required by federal law to update the Metropolitan Transportation Plan every 5 years. The last plan was adopted by the MPO Board on November 18, 2015. The next update is required to be adopted by November 2020. This plan will guide the regional transportation priorities and actions, and be used for project selection in the State/Metropolitan Transportation Improvement Programs. The MPO Board appointed a Citizen Advisory Committee (CAC) to help guide the development of this plan. A four month public outreach period was held between April 3, 2018 and July 31, 2018. During this period, there were 2,287 transportation survey responses, 563 comments on the public input map tool, and 4,554 votes on map comments, totaling 7,404 responses collected. In July 2018, the six modal subcommittees began meeting with the initial task of developing modal goals and objectives, which were completed in October 2018 and officially adopted by the Board in November 2018. The Modal Subcommittees have completed scoring criteria, evaluation of projects and development of the draft policies. The CAC, TCC and Board received the financial forecasts and potential alternative funding sources in March 2019. The consultant completed the project cost estimates and alternative funding forecasts in June 2019. A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting and adopted a resolution endorsing the amended draft project lists in September 2019.

**Next Steps:**

- At the request of the WMPO Board, staff will be making presentations on potential alternative funding sources to the governing boards of its member jurisdictions in October in order to gain guidance and support on which sources should be supported and considered within the plan.
- Projects considered for potential funding by identified and Board supported alternative funding forecasts will be identified by staff and reviewed and approved by the CAC, TCC, and Board in November 2019.
- Release of Draft Plan to public anticipated for end of January 2020
- Adoption of final plan by November 2020

**SITE DEVELOPMENT REVIEW**

**Project Descriptions/Scope:** The Wilmington Urban Area MPO assists with site development and Transportation Impact Analysis review for the MPO's member jurisdictions. During the last month, staff has reviewed the following development proposals:

- New Hanover County Development Plan Reviews: 3 reviews
- New Hanover County Informal Plan Reviews: 1 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 1 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Reviews: 0 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews

- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 17 total (New Hanover County 4, City of Wilmington 7, Carolina Beach 0, Leland 2, Navassa 1, and Pender County 2, Brunswick County 1) ; new 1 and ongoing 16
- Pender County Development Plan Reviews: 2 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 42 (8 new, 36 on-going)
- City of Wilmington Informal Reviews: 23 (4 new, 19 on-going)
- City of Wilmington Concept Reviews: 5 ( 4 new concept reviews- 1 on-going concept)
- COW Project Releases: 10 Full releases

**STBGP-DA/TASA-DA FY 2013 to Present**  
**STBGP-DA**

**U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE**

**Project Descriptions/Scope:** The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

**Project Status and Next Steps:**

- Complete review of final design package and submit to NCDOT for review– Fall 2019
- NCDOT final design approval and City to request Construction Funds Authorization – Winter 2019
- Begin Construction – Summer 2020
- Complete Construction – Summer 2021

**U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP**

**Project Descriptions/Scope:** This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

**Project Status and Next Steps:**

- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4, 2018
- Davenport identified potential utility conflicts; The Town has authorized Level A – S.U.E. services to be performed to verify where conflicts exist; AECOM will revise plans to reflect any utility relocations that must be done; revised plans must then be approved by NCDOT.
- S.U.E. information has been sent to AECOM for revisions.
- Supplemental Agreement #3 dated March 28, 2019 extends project completion deadline to July 1, 2020.
- Bid and award timeline will depend upon Davenport's findings from SUE; prefer to bid this and projects U-5534I, J and K at the same time.
- Engineer is revising the plans to reflect utility relocations and will resubmit for NCDOT approval

**U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II**

**Project Descriptions/Scope:** This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue. The right of way certification was received November 2, 2016.

**Project Status and Next Steps:**

- Plans approved 8/20/19
- Specification comments received 9/24/19; still need Utility/RR cert, CE Consult and construction estimate approval
- Begin Construction – Spring 2020
- Complete Construction – Fall 2020

**U-5534G –CITY OF WILMINGTON- HOOKER ROAD MULTI-USE PATH**

**Project Descriptions/Scope:** The project consist of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

**Project Status and Next Steps:**

- Complete final design package and submit to NCDOT for review–Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

**U-5534H –CITY OF WILMINGTON- HINTON AVE MULTI-USE PATH**

**Project Descriptions/Scope:** This project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

**Project Status and Next Steps:**

- Complete final design package and submit to NCDOT for review– Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

**U-5534I –TOWN OF LELAND- VILLAGE ROAD MULTI-USE PATH EXTENSION**

**Project Descriptions/Scope:** The construction of a 8 foot wide concrete path from the connection at the Brunswick Center in Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

**Project Status and Next Steps:**

- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- Revised 100% plans and specs sent to DOT for final review

- Town to request additional funding from MPO in November

#### **U-5534J – TOWN OF LELAND- OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP**

**Project Descriptions/Scope:** The construction of sidewalks in three locations: 1) The construction of an 8 foot concrete sidewalk along Village Road from Town Hall Drive to the apartment complex and widening the existing 5 foot sidewalk in front of the apartment complex to 8 feet. 2) The construction of a 6 foot sidewalk along Town Hall Drive from Village Road NE to the sidewalk that exists by the new Town Hall. 3) The construction of a 5 foot sidewalk along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

##### **Project Status and Next Steps:**

- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- Revised 100% plans and specs sent to DOT for final review
- Town to request additional funding from MPO in November

#### **U-5534K – TOWN OF LELAND- LELAND MIDDLE SCHOOL SIDEWALK**

**Project Descriptions/Scope:** The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Road to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

##### **Project Status and Next Steps:**

- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project
- Revised 100% plans and specs sent to DOT for final review
- Town to request additional funding from MPO in November

#### **U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK**

**Project Description/Scope:** The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

##### **Project Status and Next Steps:**

- Construction to begin October 14, 2019

#### **U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS**

**Project Description/Scope:** The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

##### **Project Status and Next Steps:**

- The project has been put on hold until NCDOT’s College Road resurfacing project occurs
- An agreement was sent to NCDOT in early August for execution.

**U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS**

**Project Descriptions/Scope:** The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

**Project Status and Next Steps:**

- The Town is working on acquiring the easements
- Plans and PCE have been approved. The Specs have been sent back to the engineer for corrections.
- Anticipated Let Date: Fall 2019

**U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION**

**Project Description/Scope:** This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

**Project Status and Next Steps:**

- Bid opening was held on August 15, 2019.
- Concurrence of Award has been received
- City staff working to execute contracts and set up preconstruction meeting

**U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH**

**Project Description/Scope:** This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

**Project Status and Next Steps:**

- A design kickoff meeting was held on August 27, 2019
- Right-of-Way funding request is anticipated in May 2020
- Construction Funding is anticipated in FY2021

**EB-6025- TOWN OF BELVILLE- RICE HOPE MULTI-USE PATH**

**Project Description:** The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

**Project Status and Next Steps:**

- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

**TASA-DA****U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES**

**Project Descriptions/Scope:** This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

**Project Status and Next Steps:**

- City Council awarded the contract on February 4, 2019. The City is currently working on executing the contract.
- Contractor has been notified that additional funds have been received for overall contract.

- City staff working to set up preconstruction meeting

#### **U-5527C NEW HANOVER COUNTY – MIDDLE SOUND GREENWAY – EXTENSION TO MIDDLE SOUND VILLAGE**

**Project Descriptions/Scope:** This project is for the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village property line.

##### **Project Status and Next Steps:**

- R/W Certification received July 1, 2019
- Utility/RR Cert & Engineers estimate submitted September 17, 2019
- Specification comments received September 18, 2019
- Anticipated construction bid Fall 2019

#### **EB- 6026- TOWN OF BELVILLE- BELVILLE ELEMENTARY- MULTI-USE PATH**

**Project Description:** The project consists of the construction of a multi-use path of twelve feet (12') wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

##### **Project Status and Next Steps:**

- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

#### **EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY**

**Project Description:** Design only of the Middle Sound Greenway connection to Ogden Park

##### **Project Status and Next Steps:**

- The agreements have been signed
- PE funds have been authorized
- Letter of Interest posted on August 26, 2019

#### **EB-6028 —CITY OF WILMINGTON- 21<sup>st</sup> Street/Market HAWK SIGNAL**

**Project Description:** Design and construction of a HAWK signal at the pedestrian crossing at Market Street and 21st Street

##### **Project Status and Next Steps:**

- NCDOT agreements were approved on at the July 16<sup>th</sup> City Council meeting
- Staff is working to provide the necessary information to utilize the on-call CEI

#### **EB-6029 – TOWN OF CAROLINA BEACH – CLARENDON AVENUE MULTI-USE PATH**

**Project Description:** Construction of the Clarendon Avenue multi-use path from 4th Street to Dow Road

##### **Project Status and Next Steps:**

- The agreement has been executed
- Plans have been approved by NCDOT.
- The Town is working on construction documents, permits, PCE and right of way certification

## **TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

**Project Description/Scope:** UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that funded a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The TDM program works to increase active transportation initiatives and increase community knowledge of commuter options. The MPO finalized the Strategic Marketing Plan for the “Go Coast” program. In addition, the WMPO has been working with the City of Wilmington to implement a bike share program. The TDM program has continued to grow and progress and below are project status and next steps.

### **Project Status and Next Steps:**

#### **Initiatives**

1. **Be A Looker Campaign**
  - a. Completed the 6 month bicycle and pedestrian safety campaign on September 30 2019,
  - b. 275 people signed the Be A Looker Pledge
  - c. Over 2,000 interactions on social media
  - d. Images displayed on digital billboards in Wilmington and Carolina Beach, and on 2 Wave shuttles
  - e. More details will be in the campaign report
2. **Bike Share**
  - a. Attempting to cancel the agreement with Zagster and City of Wilmington due to Zagster’s inability to secure title sponsors to fund a bike share program.
3. **New Go Coast Website**
  - a. New website is being created and will go live in November
4. **Social Media**
  - a. Posting at least three times per week
  - b. WMPO Facebook, Instagram, and Twitter and Go Coast Instagram
5. **Share the Ride NC**
  - a. NCDOT re-selected Ride Share to host the Share The Ride NC platform. TDM Coordinators across the state will be trained on the updated features in October 2019.
6. **Scooters**
  - a. Waiting on the NC General Assembly to pass bill 553 which defines an electric scooter and will help determine where scooters can be ridden.
7. **Writing a model ordinance for regulation of electric bicycles**
  - a. Working with the WMPO Bicycle Pedestrian Advisory Committee to create this model ordinance by December 2019
8. Developing TDM portion of the Metropolitan Transportation Plan
  - a. Reviewed by the TDM Advisory Committee (Go Coast Committee)
9. Next Go Coast Committee Meeting November 21<sup>st</sup> at 3pm at 305 Chestnut Street



## Cape Fear Public Transportation Authority

### Project Update

October 2019

#### REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - FTA funding in the amount of \$3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Four buses were delivered in June 2019 and three were delivered in September 2019. All seven vehicles have been delivered and placed into revenue service. Bus fleet project is complete.

On February 28, 2019 the Authority authorized \$879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Production has been delayed by the engine manufacturer. An assembly line inspection was undertaken in October 2019 and both vehicles were on the production line. Vehicle delivery is expected in October 2019.

The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.

Five paratransit vehicles, ordered in 2018, were delivered in April 2019 and have been placed into revenue service. Paratransit vehicle project is complete.

Additional funding for four buses will be requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. An application for four (4) CNG buses was submitted in response to the RFP. Funded projects are expected to be announced before the end of calendar year 2019.

- 2. Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The SRTP was adopted by the Authority Board in 2018 and is available at the following URL:

<https://www.wavetransit.com/short-range-transit-plan/>.

A resolution supporting the revenue neutral recommendations of the plan was adopted on August 22, 2019. Changes will be made in conjunction with the opening of the WMMTC in late of 2019.

3. **Long Term Funding** - currently the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners. One of the recommendations from the study was implementation of a dedicated source of funding for the Cape Fear Public Transportation Authority.

On March 28, 2019 the Authority Board unanimously adopted a resolution requesting the New Hanover County Commissioners implement a countywide vehicle registration fee pursuant to NCGS Chapter 105 Article 52 with the proceeds benefiting public transportation in New Hanover County. Local funding for Wave Transit is nearing a critical stage and an immediate response is required to avoid significant service reductions.

#### **WMPO SPONSORED PROJECTS**

1. **Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to \$1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.

*Phase 1* consisting of hazardous materials abatement and demolition is complete.

*Phase 2* consisting of building stabilization is complete.

*Phase 3* consisting of renovation construction was let for bidding on February 14, 2018.

*Phase 3A (final phase)* consisting of sitework was authorized on April 25, 2019.

Renovation construction of the Neuwirth Building began on December 03, 2018.

Neuwirth Building renovation construction is approximately 95% complete. Sitework, including stormwater management and bus drive aisles is underway. Substantial completion of the entire project is estimated to occur on November 18, 2019.

2. **Wilmington Multimodal Transportation Center**

On August 07, 2019, the WMPO authorized \$500,000 in STBGP-DA funding for capitalized preventive maintenance and Americans with Disabilities Act compliance funding for FY 2020. In September 2019 the Authority provided 2,021 ADA passengers with the allocated funding. Preventive maintenance activities were undertaken in accordance with the appropriated funding.

Projects in Development									
Project Manager	TIP	Description	County	Revised ROW	Delay (Years) From Draft ROW	Revised LET	Delay (Years) from Draft CON	SAP Let Date	Comment*
Eric Murray	W-5601DH	3rd St. and Dock St Intersection	New Hanover	IP		2020		7/18/2019	Awarding has been delayed
Mike Bass	U-5710A	US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	New Hanover	IP		2020		1/16/2020	
Derek Plelech	B-4590	Replace Bridge 29 on Cornelius Hammett Dr/Castle Hayne Rd over Smith Creek	New Hanover	IP		2020		4/16/2020	
Eric Murray	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	IP		2020		6/18/2020	
Trace Howell	R-3300B	Hampstead Bypass	New Hanover/ Pender	IP		2021		9/15/2020	*Previously SS-4903CE
Trace Howell	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	Pender	IP		2023	2	9/20/2020	
Eric Murray	W-5703C	Monkey Junction Pedestrain Improvements	New Hanover	TBD		2021		11/19/2020	
Krista Kimmel	U-5926	New Route from 23rd St to 26th St.	New Hanover	2020		2022		6/21/2022	
Brian Harding	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	IP		2023		7/19/2022	
TBD	W-5703R	NC 132 (South College Rd) and Braggs Drive turn lanes	New Hanover	2022		2022		9/15/2022	
Mike Bass	U-5710	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover	IP		2023	1	9/20/2022	
Krista Kimmel	U-3338C	Kerr Ave Interchange at MLK	New Hanover	IP		2023	3	12/20/2022	
Brian Harding	U-5863	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	2021		2024		10/17/2023	
Trace Howell	U-5790	Monkey Junction Interchange	New Hanover	2022		2024		4/16/2024	
Brian Harding	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	2020		2024	1	5/21/2024	
Krista Kimmel	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	IP		2024	4	6/18/2024	
Brian Harding	U-5954	NC 133 at 23rd St Roundabout	New Hanover	2022		2024		6/18/2024	
Krista Kimmel	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	IP		2025		12/17/2024	
Krista Kimmel	U-4434	Independence Boulevard Extension	New Hanover	2022		2025		6/17/2025	
Lydia	I-6038	I-140 from US 421 to US74/US76 pavement rehab	Brunswick, New Hanover	N/A		2026		11/17/2025	
Lydia	I-6037	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover	N/A		2026		2/17/2026	
Trace Howell	U-5702A	College Rd from New Centre to Shipyard	New Hanover	2023	1	2026	1	6/16/2026	
Trace Howell	U-5704	US 17 (Oleander) at College	New Hanover	2023	1	2026	1	6/16/2026	
Trace Howell	U-5792	MLK at College	New Hanover	2024	2	2026	2	6/16/2026	Let with U-5881
Trace Howell	U-5732	US 17 Hampstead Median Project	Pender	IP		2027	4	9/15/2026	
None	U-6199	Wilmington Citywide Signal System Upgrade	New Hanover	2025		2027		6/15/2027	
Krista Kimmel	U-6201	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	2025		2027		6/17/2027	
Brian Harding	U-5734	US 421 Front St Widening	New Hanover	2025	2	2028	3	5/16/2028	
Trace Howell	U-5881	College Rd from Gordon Rd to New Centre	New Hanover	2025	3	2028	3	6/20/2028	Let with U-5792
Krista Kimmel	U-4738A	Cape Fear Crossing (US 17 to NC 133)	Brunswick/New Hanover	2028		PY		PY	
Krista Kimmel	U-4738B	Cape Fear Crossing (NC 133 to US 421)	Brunswick/New Hanover	PY		PY		PY	
Brian Harding	U-6128	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts	New Hanover	2029		PY		PY	
Trace Howell	U-5702B	College Rd Access management Improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover	2025		PY	1	PY	
Brian Harding	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	2025		PY		PY	

Project is on hold

Date Completed:

9/27/2019

PO:

WMPO

Contact:

Caitlin Marks

cmmarks@ncdot.gov

910-341-2000

Projects Under Construction						
Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
DC00218	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Sep-19	92.84%
C204119	Alex Stewart	HVBP	New Hanover	Cape Fear Memorial Bridge	Oct-19	100.00%
C204080	Alex Stewart	R-2633D	Brunswick, New Hanover	I-140 ITS for Wilmington Bypass	Nov-19	100.00%
DC00258	Daniel Waugh		Pender	Hoover Rd (SR 1569) Pipe Replacements	Nov-19	31.24%
DC00234	Daniel Jones	N/A	Brunswick, New Hanover, Onslow, Pender	Plant Bed Maintenance on NC 24/US 17/NC 132/NC 211/NC 53/US 421/US 74	Nov-19	84.12%
C204282	Alex Stewart	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Apr-20	39.83%
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jun-20	77.04%
C204203	Wayne Currie	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21	8.46%
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	8.70%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Jul-22	25.38%
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	10.28%
TBD	Alex Stewart	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD
TBD	Alex Stewart	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD
TBD	Alex Stewart	HVBP	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD

Resurfacing									
Contract Number	Contract Year	County	Resident	TIP	Routes			Estimated Completion	Percent Complete
					MPO/RPO	Map			
C204094	2018	Brunswick	Alex Stewart	W-5203Y	GSATS/WMPO/CFRPO	0	US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.	Jul-20	96.65%
C204135	2018	/ Hanover/Brunsi	Lydia McKeel	N/A	WMPO	0	US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)	Oct-19	64.62%
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO/CFRPO	0	Various SRs (Pender Resurfacing)	Dec-19	100.00%
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO/CFRPO	1	Highsmith Rd from NC 210 to SR 1401		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	5	St Johns Church Rd from Beginning of pavement to end of state maintenance		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	10	Balcombe Rd from NC 210 to End of Pavement		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	12	Oakvale Rd from Scotts Hill Loop to Lafayette St		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	13	Lafayette St from Poplar Grove Rd to Cul-de-Sac		



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

October 2019

Nazia Sarder  
Transportation Engineer  
NCDOT Transportation Planning Division  
1 South Wilmington Street  
Raleigh, NC 27601

OCTOBER TPD UPDATES WILMINGTON MPO

OCTOBER 2019

**New Business:**

**Brunswick County Model:** Currently working on Future Year Analysis.

**NCMoves 2050:** There will be multiples events that started in September and will go through January to collect the third round of surveys for NCMoves 2050. Contact Nastasha Earle-Young at the NCDOT's Transportation Planning Division for more details.

**2019-2020 Map:** The 2019-20 State Transportation Map is now available and free of charge.

**NCDOT School Safety Tips:** On average, there are nearly 3,000 incidents of cars passing stopped school buses every school day in North Carolina. This is not just dangerous for students; it's also against the law. At the school, be sure to pay attention while driving so you'll see when a child is being dropped off or picked up. Remember to never pass a vehicle that is stopped for pedestrians, and always stop and yield to pedestrians crossing the crosswalk or intersection in a school zone when flashers are blinking. Visit the NCDOT press release page for more details.

**FHWA News**

The Recreational Trails Program (RTP) provides funds to the States to develop and maintain recreational trails and trail-related facilities for both nonmotorized and motorized recreational

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION PLANNING BRANCH  
1554 MAIL SERVICE CENTER  
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*Telephone:* (919) 707-0900  
*Fax:* (919) 733-9794  
*Customer Service:* 1-877-368-4968

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

trail uses. The RTP is an assistance program of the Department of Transportation's Federal Highway Administration (FHWA). Federal transportation funds benefit recreation including hiking, bicycling, in-line skating, equestrian use, cross-country skiing, snowmobiling, off-road motorcycling, all-terrain vehicle riding, four-wheel driving, or using other off-road motorized vehicles. Each State administers its own program. Contact your State RTP Administrator for guidance on State policies and project eligibility requirements.

*Scott Crocker, State Trails Program Manager  
NC Div of Parks and Recreation  
Raleigh NC 27699-1615  
919-707-9326  
scott.crocker@ncparks.gov*

### **Preliminary Engineering Project Suspension List:**

As of August 30, 2019 NCDOT, will temporarily suspend “preliminary engineering” on the majority of projects that do not receive funding from GARVEE bonds, BUILD NC bonds or Federal grants. This action does not impact projects currently awarded for construction, scheduled to be awarded for construction within the next 12 months, or are currently under construction. Work for preliminary engineering will suspend approximately 900 transportation projects.

**Volunteers Needed for Statewide Fall Litter Sweep:** Adopt-A-Highway Fall Litter Sweep is Sept. 14-28. NCDOT asks volunteers to help remove litter from roadsides. Volunteers from local businesses, schools, non-profits, churches and community groups play an important role in keeping.

### **Old Business:**

#### **North Carolina Zero Emission Vehicle Plan:**

On October 29, 2018, Governor Roy Cooper signed into law Executive Order No. 80. “North Carolina’s Commitment to Address Climate Change and Transition to a Clean Energy Economy.” It is a statewide initiative. In response to the executive order, NCDOT has started formulating additional strategies that seek to ensure it is better prepared to adapt to a changing environment. One of the strategies is to encourage more people to register and drive zero-emission vehicles. North Carolina Zero Emission Vehicle “ZEV” Plan is North Carolina’s plan to get 80,000 All-Electric or “Zero Emission Vehicles” on the road by 2025.

Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV:  
<https://nczevplan.metroquest.com/>

A draft action plan will be completed by June 2019. There will be a statewide public comment period on the draft action plan July to August 2019. The final action plan will be submitted to the governor in October 2019.

Phase 2 will include such tasks as coordinating with local transit agencies and reviewing funding options for NCDOT to buy zero-emission vehicles. Phase 2 is expected to be completed in 2020 with some steps completed by early 2021.

Phase 3 will include such tasks as finalizing efforts to establishing alternative fuel corridors that support zero-emission vehicles and preparing a mid-point ZEV program review.

**Wilmington Model Update** – Future Year Model is ready for MTP project testing and has been sent to the Wilmington MPO. The documentation was updated on March 1<sup>st</sup> with updates to the growth rate map and sent to the MPO. The model and documentation will continue changing as new projects are entered into the MTP. The 2045 Model will be considered adopted when the MTP is adopted, it will then become the official model and documentation.

**Wilmington CTP** – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is near completion we will develop a schedule.

**Pender County CTP** – TPD has done a lot of pre-work for Pender County, once the RPO and engineer can provide more time and grasp a better understanding of CTP 2.0 – they will start the CTP within the next few months.

1. s Cable and Conduit on I-140 in Brunswick and New Hanover Counties. Lane closures will be restricted to Monday 9:00 a.m. to Friday 4:00 p.m. to minimize traffic delays during the week. Lane closures may also occur on the weekend. Intermittent lane closures to occur until May 31, 2018.
2. US-421: Lanes closed due to bridge construction from 10/31/2018 – 1/31/2020. There is a detour.
3. US-74 (Martin Luther King Jr Parkway): Lane Closed due to bridge expansion joint replacements and goal seals on bridges on MLK Jr. Parkway.

**Traffic Forecasting:** The latest P5 list and the draft STIP has been reviewed and all 14 Highway Divisions have been contacted regarding their traffic forecasting priorities. Forecast requests continue to come in from Corridor Studies Groups and this is their “pre-analysis” process. Structures Management’s 2023 Project List work also continues.

**NC Statewide Model:** CDM Smith and RSG are our consultants for the NC Statewide Model. The model is underway and they are on the SE Data Collections Phase.

**Wilmington Model Update** – The model is completed; documentation is completed as of last month.

**Pender County CTP** – Pender County CTP is on hold for now and will resume when our team has hired more engineers.

**Statewide Plan:** The N.C. Department of Transportation is conducting an update to its long-range transportation plan to guide North Carolina’s future transportation policies and investments. NC Moves 2050 is a plan that will provide a 30-year transportation vision and implementation plan for the state. Changing demographic and economic trends across urban and rural regions of the state, along with anticipated changes in technology, weather, tourism, and funding sources make now an opportune time to produce a bold, forward

looking transportation plan to guide investment policy and system performance that will be more reactive to the dynamic change on the horizon.

The engagement of the stakeholders and public is critical during this initial stage of the planning process. To capture thoughts and ideas about the state's biggest challenges for the future, North Carolina residents are encouraged to provide input through our [survey](https://publicinput.com/ncmoves) through November 30<sup>th</sup>. The survey can be found at <https://publicinput.com/ncmoves>. This survey focuses capturing public input about the challenges for our state and the future of our transportation system. Responses will help to inform the vision and goals for NC's transportation plan. We will also have our kickoff stakeholder meetings in Kinston on 10/24/18, Raleigh on 10/29/18, and Charlotte on 10/30/18. We have invited a representative from each MPO, RPO, State Agencies, and State Advocacy Groups across North Carolina.

**Wilmington CTP** – With the model update, WMPO has also asked TPD to start on the Wilmington CTP update. We have yet to develop a schedule for this CTP and start – but once the Wilmington Model is fully completed, TPD will develop a schedule.

**Traffic Forecast:** The Traffic Forecast shapefile is under development (ArcGIS Online).

**Build NC:** Governor Roy Cooper on Wednesday June 20, 2018 - signed into law the Build NC Bond Act of 2018, a new financing tool sought by his administration to help expedite critical highway projects. Build NC is a financing tool similar to Garvee bonds and is an important way to move critical projects forward. It is important to note that it is not new revenue, but borrowing authority to implement projects sooner. The focus is for projects in the regional and Division tiers.

**CTP 2.0:** TPD leadership is reviewing elements for CTP 2.0 and coordinating with the CTP 2.0 steering committee as we prepare for implementation of improved maps, classifications, analysis, plan documentation, and changes to the process for developing CTPs in NC. (A CTP Steering Committee meeting was held June 18, 2018.) Improving the CTPs for NCDOT and local partners has proven to be a complex process with many benefits and “ripple effects” as we move future proposals into project implementation.

**Safety Insights:** (Article from FHWA Human Environment Digest 6/13/19)

Study Reveals Bicycle Lanes Reduce Fatalities for All Road Users

The University of Colorado Denver conducted a 13-year longitudinal study (<https://www.sciencedaily.com/releases/2019/05/190529113036.htm>) that found bicycle infrastructure decreases fatalities for all road users. The study noted that bicycling infrastructure—specifically separated and protected bicycle lanes—leads to fewer fatalities and better road-safety outcomes for all road users. The study also reinforces the importance of building bicycle networks to increase safety

Study Analyzes Different Types of Bicycle Crashes at Local, State, and National Levels

Researchers at the University of North Carolina and Arizona State University published a joint paper that investigates the circumstances influencing both fatal and disabling bicycle crashes. The research found that the majority of bicycle crashes occur at intersections; however, data from North Carolina and Boulder, Colorado show that most fatal and disabling bicycle crashes occur at non-intersection locations, including crashes resulting from collisions

with motorists. The report also provides insights for governments and other organizations to plan safer bicycle networks, and undertake other proactive measures to reduce crashes.