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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members

FROM: Mike Kozlosky, Executive Director

DATE: September 11, 2020 SUBJECT: September 16th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, September 16, 2020 at 10 am. Due to COVID-19, the meeting is being conducted remotely. **PLEASE NOTE:** This will be a remote meeting conducted pursuant to Section 4.31 of S.L. 2020-3, SB 704.

The remote meeting will be simultaneously streamed live online so that simultaneous live audio, and video, if any, of the meeting is available to the public at the following: https://zoom.us/j/93801271024?pwd=SXk5bjJSelhNNHZRbUM3eVBDSUJHQT09

The public may also dial in and listen to the simultaneous live audio of the remote meeting at the following dial in numbers: 646 558 8656 or 301 715 8592 and entering the following credentials:

Meeting ID: 938 0127 1024 Password: 928986

Please join the meeting from your computer, tablet or smartphone.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentation
 - a. STIP/MPO TIP Reprogramming- Leigh Wing, NCDOT
 - 2020 Congestion Management Process- Zachary Bugg, Kittleson & Associates
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- July 15, 2020
 - b. Resolution supporting amendments to the Wilmington Urban Area MPO's Public Participation Plan for Remote Meetings
 - c. Resolution approving 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-5
 - d. Opening of the 30 day public comment period for 2020-2029 STIP/MPO TIP Amendment #20-4

Wilmington Urban Area Metropolitan Planning Organization

- 5) Regular Agenda
 - a. Resolution supporting the North Carolina Department of Transportation's master plan vision for Corridor U along U.S. 74 from N.C. 87 (Maco Road NE) in Brunswick County to U.S. 117 in New Hanover County
 - b. Resolution encouraging the North Carolina Department of Transportation, North Carolina General Assembly, and Governor of North Carolina to explore new funding mechanisms that could raise funds to accelerate much needed transportation projects
- 6) Discussion
 - a. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-6
- 7) Updates
 - a. Wilmington Urban Area MPO
 - b. Cape Fear Public Transportation Authority
 - c. NCDOT Division
 - d. NCDOT Transportation Planning Division
- 8) Announcements
 - a. Bike/Pedestrian Committee Meeting- October 13, 2020
- 9) Next meeting- November 12, 2020

Attachments:

- NCDOT 2020-2029 STIP Compare Sheets (Wilmington Urban Area MPO)
- TCC Meeting Minutes-July 15, 2020
- Proposed Draft Wilmington Urban Area MPO's Public Participation Plan
- Resolution supporting amendments to the Wilmington Urban Area MPO's Public Participation Plan for Remote Meetings
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-5
- Resolution approving 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modification #20-5
- Proposed 2020-2029 STIP/MPO TIP Amendment #20-4
- NCSTC Corridor U Information
- Resolution supporting the North Carolina Department of Transportation's master plan vision for Corridor U along U.S. 74 from N.C. 87 (Maco Road NE) in Brunswick County to U.S. 117 in New Hanover County
- Resolution encouraging the North Carolina Department of Transportation, North Carolina General Assembly, and Governor of North Carolina to explore new funding mechanisms that could raise funds to accelerate much needed
- Proposed 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-6
- Wilmington Urban Area MPO Project Update (September)
- Cape Fear Public Transportation Authority Update (September)
- NCDOT Division Project Update (September)
- NCDOT Transportation Planning Division Project Update (September)

COMPARE REPORT

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

2020-2032 Working STIP 2020-2029 NCBOT Approved STIP COMMITED ROUTE/CITY
/ NON COUNTY NEW HANOVER BRUNSWICK PENDER NEW HANOVER **NEW HANOVER** BRUNSWICK **NEW HANOVER** NEW HANOVER ID NUMBER I-6037 SW I-6037 SW I-6036 SW I-5760 SW I-5760 SW I-6040 SW I-6036 SW I-6040 SW WS 1-6039 WS 1-6039 I-40 TO US 421. PAVEMENT REHABILITATION. (6.6 MILES) MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION. (11.9 MILES) EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION. (15.2 MILES) US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION. (6.8 MILES) US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION. (5.1 MILES) EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION. (15.2 MILES) MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION. (11.9 MILES) I-40 TO US 421. PAVEMENT REHABILITATION. (6.6 MILES) US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION. (6.8 MILES) US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION. (5.1 MILES) LOCATION / DESCRIPTION LENGTH 11.9 15.2 6.6 6.8 5.1 15.2 11.9 6.6 5.1 6.8 TOTAL PRIOR PROJ YEARS COST COST (THOU) (THOU) 10385 11200 10539 10385 4311 7714 11200 10539 4311 7714 7714 7714 6 6 NHPIM NHPIM NHPIM NHPIM NHPIM NHPIM NHPIM NHPIM FUNDS COMPLETED COMPLETED FY 2020 WS WS Þ Þ FY 2021 C 4301 C 5270 OPEN GRADED FRICTION COURSE. - UNDER CONSTRUCTION OPEN GRADED FRICTION COURSE. - UNDER CONSTRUCTION FY 2022 FY 2023 STATE TRANSPORTATION IMPROVEMENT PROGRAM ၁ FY 2024 5600 TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS C 4301 FY 2025 C 10385 C 10385 FY 2026 FY 2027 Ŧ 2028 C 5600 C 5600 FY 2029 PROGRAMS DEVELOPMENTAL PROGRAM FY 2030 STATE CASH FLOW *
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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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2020-2029 NCBOT Approved STIP 1-140 BRUNSWICK NEW HANOVER	17 <u>17</u> 1-6038 SW	US 421 TO US 74/US 76. PAVEMENT REHABILITATION. (9.8 MILES)	9.80	4000 NHPIM	
2020-2032 Working STIP US 17 (HAMPSTEAD BYPASS) NEW HANOVER PENDER	R-3300	US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION (12.3 MILES)	12.3	372542 101547 T	CB 51480 A CB 20590 B
2020-2029 NCBOT Approved STIP US 17 R-3 (HAMPSTEAD BYPASS) NEW HANOVER PENDER	R-3300	US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION (12.3 MILES)	12.3	101547 101547 1	CB 51480 A PE 1032 B CB 21210 B
2020-2032 Working STIP ✓ US 17IUS 74IUS 76 BRUNSWICK NEW HANOVER	R-3601 TRN	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 MILES)	. . .5	71234 71234 UNDER CONSTRUCTION	
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VARIOUS U-5534 BRUNSWICK NEW HANOVER PENDER WILMINGTON URBAN AREA MPO STP-DA PROGRAM. PROGRAM. PROGRAM.	2020-2029 NCBOT Approved STIP		2020-2032 Working STIP ✓ VARIOUS BRUNSWICK NEW HANOVER PENDER WILMINGTON URBAN AREA MPO STP-DA PROGRAM. PROGRAM.	2020-2029 NCBOT Approved STIP VARIOUS BRUNSWICK NEW HANOVER PENDER DIV SUPPLEMENT. PENDER	2020-2032 Working STIP VARIOUS BRUNSWICK NEW HANOVER PENDER V-5525 WILMINGTON URBAN PLANNING ORGANIZA PLANNING ORGANIZA SUPPLEMENT.		2020-2029 NCBOT Approved STIP NEW ROUTE U-5926 CONSTRUCT ROUTE ECONOMIC DEVELOR NEW HANOVER DIV		2020-2032 Working STIP VIOLENTIAL OL-5926 SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT. NEW HANOVER DIV		NEW HANOVER DIV	2020-2029 NCBOT Approved STIP SR 2048 U-6202 US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. (2.5 MILES)		SR 2048 (GORDON ROAD) NEW HANOVER U-6202 US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. (2.5 MILES)	ID NUMBER	
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2020-2029 NCBOT Approved STIP NC 133 U-5954 (CASTLE HAYNE ROUNDABOUT: (1 MILE) NEW HANOVER REG NORTH 23RD STREET. CONSTRUCT A 1 3000 500 T	2020-2032 Working STIP	2020-2029 NCBOT Approved STIP NC 133 U-5863 1-140/US 17 (WIL MINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WIL MINGTON. (CASTLE HAYNE ROAD) ROAD) NEW HANOVER REG	2020-2032 Working STIP ✓ □ NC 133 U-5863 I-140/US 17 (WILMINGTON BYPASS) TO SR 3.7 32560 1300	2020-2029 NCBOT Approved STIP US 421 U-5729 (SHIPYARD BOULEVARD) IN WILMINGTON. (CAROLINA BEACH RO. UPGRADE ROADWAY: (1.6 MILES) NEW HANOVER REG REG H110987 US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS RIGHT-OF-WAY IN PROGRESS SW SW H110987 US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS RIGHT-OF-WAY IN PROGRESS	2020-2032 Working STIP STIP US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. ROAD) NEW HANOVER REW HANOVER 1.6 27510 1.6 27510 1.6 27510 1.6 27510 1.6 1.6 1.6 27510 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1	2020-2029 NCBOT Approved STIP VARIOUS U-5989 WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA BRUNSWICK DIV RESERVE ACCOUNT. BRUNSWICK PLANNING TON URBAN METROPOLITAN RESERVE ACCOUNT. BRUNSWICK DIV RESERVE ACCOUNT. BGDA C 1412 C 7735 C 675 C 2700 C 675 C 675	2020-2032 WORKING STIP: → VARIOUS U-5989 WILMINGTON URBAN METROPOLITAN 45871 4476 BGDA C 2048 C 2048 C 2735 C 2564 C 675 C 675
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2020-2029 NCBOT Approved STIP U-R	NEW HANOVER	2020-2032 Working STIP ✓ CAROLINA BEACH	NEW HANOVER	2020-2029 NCBOT Approved STIP SR 1175 U:3	NEW HANOVER	2020-2032 Working STIP ✓ SR 1175 (KERR AVENUE)	NEW HANOVER	US 74 (EASTWOOD ROAD)	2020-2029 NCBOT Approved STIP	NEW HANOVER	2020-2032 Working STIP US 74 (EASTWOOD ROAD)		(COLLEGE ROAD)	2020-2029 NCBOT Approved STIP	NEW HANOVER	2020-2032 Working STIP ✓	ROUTE/CITY COUNTY	
U-6233 DIV	DIV	U-6233		§ <i>ⅢE</i> ∪-3338		U-3338	WS	U-5710	TIP	WS	U-5710	:	SW G) <i>TIP</i>	WS	U-5881	ID NUMBER	
CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN 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.	MULTI-LANES. (3.2 MILES)	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO	MULTI-LANES. (3.2 MILES)	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO	,	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE. (2 MILES)		INTERCHANGE. (2 MILES)	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN		CENTRE DRIVE). UPGRADE ROADWAY. (2.9 MILES)	SR 2008 (GORDON ROAD) TO SR 1272 (NEW		SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY. (2.9 MILES)	LOCATION / DESCRIPTION LI	
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BRUNSWICK NEW HANOVER	FEAR RIVER. (11.2 MILES)	NHP
2020-2029 NCBOT Approved STIP NEW ROUTE (CAPE FEAR CROSSING)	US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER. (11.2 MILES)	11.2 1026790 11540 NHP
BRUNSWICK NEW HANOVER		NHP DIV A H129646- US 17 IN BRUNSWICK COUNTY TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION. B H129646- NC 133 TO US 421 (INDEPENDENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOCATION WITH A STRUCTURE OVER THE CAPE FEAR RIVER. PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY
2020-2032 Working STIP U-5792 (MARTIN LUTHER KING, JR. PARKWAY) NEW HANOVER DIV	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	26610 1500 T <
		PROJECT TO BE LET WITH U-5881.
2020-2029 NCBOT Approved STIP US 74 (MARTIN LUTHER KING, JR. PARKWAY) NEW HANOVER DIV	US 117/NC 132 (COLLEGE ROAD) IN WIL MINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	26610 1500 T R R R R R R R R R
		PROJECT TO BE LET WITH U-5881.
2020-2032 Working STIP ✓ WILMINGTON U-6199	99 WILMINGTON CITYWIDE SIGNAL SYSTEM. (39.2 MILES)	
NEW HANOVER DIV		
2020-2029 NCBOT Approved STIP WILMINGTON U-6199	99 WILMINGTON CITYWIDE SIGNAL SYSTEM. (39.2 MILES)	39.2 15970 10 T 1 1 1 1 1 1 1 1 1
NEW HANOVER DIV		

				TOTAL PRIOR			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS)S / PROJECT BREAKS		DEVELORMENTAL BROCKAM	O DAM		INEINDED
COMMITED ROUTE/CITY / NON COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	_ `	FY 2021	FY 2022	FY 2023 FY 2024 FY 2025 FY 2026 FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FUTURE YEARS
2020-2032 Working STIP VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	HS-2003 SAF	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.											
2020-2029 NCBOT Approved STIP	STIP			PROGRAMMED FOR PRELIMI	NARY ENGINEERI	NG ONLY. INDIVI	PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY. INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.						
2020-2032 Working STIP VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	W-5203 DIVI SAR SEL	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	-	22135 21485 HSIP C 650 NATERNATE CRITERIA DIV DIV ALTERNATE CRITERIA REG REG ALTERNATE CRITERIA SW SW		ISION 3 RUMBLE ISION 3 RUMBLE	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.			H			
2020-2029 NCBOT Approved STIP VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	A .	DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS 22135 21485 HSIP C 650 DIV DIV DIVISION 3 RUMBLE S REG REG DIVISION 3 RUMBLE S SW SW DIVISION 3 RUMBLE S	CONTRACT (DPO	C) - IN PROGRES ISION 3 RUMBLE ISION 3 RUMBLE ISION 3 RUMBLE	DPOC) - IN PROGRESS						В
				DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS	CONTRACT (DPO	C) - IN PROGRES							

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

W-5803	2020-2029 NCBOT Approved STIP	DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	2020-2032 Working STIP VARIOUS W-5803 BRUNSWICK		SAMPSON	PENDER	NEW HANOVER ONSLOW	DUPLIN	BRUNSWICK	VARIOUS W-5703	2020 2020 NODOT Approved STIP	SAMPSON	ONSLOW PENDER	DUPLIN NEW HANOVER	ACINOMICA	2020-2032 Working STIP VARIOUS W-5703	COMMITED ROUTE/CITY ID / NON COUNTY NUMBER	
SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.			03 SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.							03 SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.						03 SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.	SER LOCATION / DESCRIPTION	
HSIP C 42/A HSIP C 42/C HSIP C	INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.	REG B US 17 BETWEEN NEW HANOVER / PENDER COUNTY LINE AND MILE POST 19.3 IN ONSLOW COUNTY. INSTALL SHOULDER RUMBLE STRIPS. REG C US 17 BUSINESS (MARINE BOULEVARD) AND SR 1402 (OLD BRIDGE STREET), UPGRADE TRAFFIC SIGNAL, PAVEMENT MARKINGS, AND IMPROV REG D NC 24 (WEST CORBETT AVENUE) AND SR 1512 (OLD HAMMOCKS ROAD). UPGRADE PEDESTRIAN SIGNALS. REG E NC 53 (WESTERN BOULEVARD) AND CENTER STREET / LIBERTY DRIVE. UPGRADE TRAFFIC SIGNAL AND ADD ADDITIONAL SPEED LIMIT SIGNS.	HSIP C 42 A	IN PROGRESS			SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	REG	- 4	HSIP R 30 DIV	IN PROGRESS		ALTERNATE CRITERIA SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	REG REG	30 REG 180 REG 40 SW 240 SW	3236 2536 HSIP R 30 DIV	COST (THOU) FUNDS FY 2020 FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2028 FY 20	TOTAL PRIOR PROJ. YEARS STATE TRANSPORTATION IMPROVEMENT PROGRAM DEVELOPMENTAL PROGRAM
									-								FUTURE YEARS	UNFUNDED

OTHER FUNDS PROVIDED BY ILM.		
0 1 C 5100 1	5600	2020-2029 NCBOT Approved STIP WILMINGTON AV-5798 TAXIWAY IMPROVEMENTS. INTERNATIONAL (ILM) NEW HANDVER SW
OTHER FUNDS PROVIDED BY ILM.		
0 1 C 5100 1	5600	2020-2032 Working STIP ✓
OTHER FUNDS PROVIDED BY ILM.		
0 C 3300 C 3000 C </td <td>AXIWAYS. 3800</td> <td>2020-2029 NCBOT Approved STIP WILMINGTON AV-5796 INCREASE WIDTH OF ALL TAXIWAYS. INTERNATIONAL (ILM) NEW HANOVER SW</td>	AXIWAYS. 3800	2020-2029 NCBOT Approved STIP WILMINGTON AV-5796 INCREASE WIDTH OF ALL TAXIWAYS. INTERNATIONAL (ILM) NEW HANOVER SW
		NEW HANOVER SW
0 1 1 1 1 1 2 3300 1	XIWAYS. 3800	2020-2032 Working STIP WILMINGTON AV-5796 INCREASE WIDTH OF ALL TAXIWAYS. INTERNATIONAL (ILM)
OTHER FUNDS PROVIDED BY ILM.		
0 0	ATION APRON. 1300	2020-2029 NCBOT Approved STIP WILMINGTON AV-5795 EXPAND THE GENERAL AVIATION APRON. INTERNATIONAL (ILM) NEW HANDOVED SW
OTHER FUNDS PROVIDED BY ILM.		
0	TION APRON. 1300	2020-2032 Working STIP ✓ WILMINGTON AV-5795 EXPAND THE GENERAL AVIATION APRON. INTERNATIONAL (ILM) NEW HANOVER SW
0	E 1 5000	WILMINGTON AV-5730 EXTEND RUNWAY 6-24PHASE 1 INTERNATIONAL (ILM) NEW HANOVER SW
		roved STIP
T	€1 5000	2020-2032 WOrking STIP ✓
OTHER FUNDS PROVIDED BY ILM.		
		(ILM) NEW HANOVER SW
0	7500	WILMINGTON AV-5885 REHABILITATE RUNWAY. INTERNATIONAL AIRPC
OTHER FUNDS PROVIDED BY ILM.		
		(ILM) NEW HANOVER SW
0 C 7000 T C 500	7500	2020-2032 Working STIP WILMINGTON AV-5885 REHABILITATE RUNWAY. INTERNATIONAL AIRPORT
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	2020-2029 NCBOT Approved STIP WILMINGTON AV INTERNATIONAL (ILM) NEW HANOVER SW	2020-2032 Working STIP WILMINGTON INTERNATIONAL (ILM) NEW HANOVER S		2020-2029 NCBOT Approved STIP WILMINGTON AV INTERNATIONAL (ILM) NEW HANOVER SW		2020-2032 Working STIP WILMINGTON INTERNATIONAL (ILM) NEW HANOVER S		2020-2029 NCBOT Approved STIP WILMINGTON AV INTERNATIONAL (ILM) NEW HANOVER SW		2020-2032 Working STIP WILMINGTON INTERNATIONAL (ILM) NEW HANOVER S		2020-2029 NCBOT Approved STIP WILMINGTON AV INTERNATIONAL (ILM) NEW HANOVER SW		2020-2032 Working STIP WILMINGTON INTERNATIONAL (ILM) NEW HANOVER S		2020-2029 NCBOT Approved STIP WILIMINGTON AV INTERNATION (ILM) NEW HANOVER SW		2020-2032 Working STIP Willmington A INTERNATION (ILM) NEW HANOVER S	COMMITED ROUTE/CITY / NON COUNTY NU
	<u>TIP</u> AV-5799 WIDEN NORTH-SOUTH TAXIWAY SYSTEM. SW	AV-5799 WIDEN NORTH-SOUTH TAXIWAY SYSTEM. SW		AV-5713 PIPE DITCHES IN FBO #2 AREA. SW		AV-5713 PIPE DITCHES IN FBO #2 AREA. SW		<i>TIP</i> AV-5704 UPGRADE AIRFIELD LIGHTING VAULT. SW		AV-5704 UPGRADE AIRFIELD LIGHTING VAULT. SW		<u>TIP</u> AV-5702 REHABILITATE GA APRON NORTH. SW		AV-5702 REHABILITATE GA APRON NORTH. SW		T <u>IP</u> AV-5886 TAXIWAY J IMPROVEMENTS. SW		AV-5886 TAXIWAY J IMPROVEMENTS. SW	ID NUMBER LOCATION / DESCRIPTION LENGTH
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BGDA		, A mile;	NOW MA DETAILED	VID	BRUNSWICK
GDA PE 6 24	200	MULTI USE PATH ALONG NC 133 BETWEEN 0.2 MORECAMBLE BOULEVARD AND RICE HOPE		DIV TOVED STIP ILTI USE EB-6025	BRUNSWICK DN 2020-2029 NCBOT Approved STIP RICE HOPE MULTI USE EB PATH
BGDA PE 24 A <th>20</th> <th>MULTI USE PATH ALONG NC 133 BETWEEN 0.2 MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. (0.2 MILE)</th> <th></th> <th>P)LTI USE EB-6025</th> <th>2020-2032 Working STIP RICE HOPE MULTI USE PATH</th>	20	MULTI USE PATH ALONG NC 133 BETWEEN 0.2 MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE. (0.2 MILE)		P)LTI USE EB-6025	2020-2032 Working STIP RICE HOPE MULTI USE PATH
TADA PE 6	₫	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. (0.4 MILE)		roved STIP MENTAR EB-6026 TH	2020-2029 NCBOT Approved STIP BELVILLE ELEMENTAR EB MULTI USE PATH BRUNSWICK DN
L PE 6	ជ	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL. (0.4 MILE)		Р ТН DIV	2020-2032 Working STIP BELVILLE ELEMENTARY MULTI USE PATH BRUNSWICK
TADA PE 59 C 333 C 333 C C 333 C C	490	CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH. (1.3 MILES)		roved STIP EB-6039 DIV	2020-2029 NCBOT Approved STIP EB
L PE 15	49	CONSTRUCT BIKE LANES ALONG ST. 1.3 JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH. (1.3 MILES)		ACH EB-6039	2020-2032 Working STIP CAROLINA BEACH NEW HANOVER
682 37 L C 129	682	CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD). (0.5 MILE)		YENUE EB-6029	2020-2029 NCBOT Approved STIP Carendon avenue eb New Hanover dn
882 37 L C 129	68	CONSTRUCT MULTI-USE PATH ALONG 0.5 CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD), (0.5 MILE)		P VENUE EB-6029 R DIV	2020-2032 Working STIP CARENDON AVENUE NEW HANOVER
TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS RQJ YEARS STATE TRANSPORTATION IMPROVEMENT PROGRAM STATE TRANSPORTATION IMPROVEMENT PROGRAM STATE TRANSPORTATION IMPROVEMENT PROGRAM FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2028 FY 2029 FY 2030 FY 2030	TOTAL PROJ COST (THOU)	LOCATION / DESCRIPTION LENGTH		Y ID NUMBER	COMMITED ROUTE/CITY / NON COUNTY

UNDER CONSTRUCTION						
					NEW HANOVER	
	90	FISHER DOCKS. REPLACE DOLPHINS.	FISHER DOCKS	TRN	VARIOUS BRUNSWICK CARTERET	
				ved STIP	2020-2029 NCBOT Approved STIP	
UNDER CONSTRUCTION						
	980	CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.	CEDAR ISLAND, FISHER DOCKS.	F-5301 TRN	2020-2032 Working STIP VARIOUS BRUNSWICK CARTERET NEW HANOVER	
TADA C 100 I I I I I I I I I	200	CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.		DIV	NEW HANOVER	
2				ved STIP	2020-2029 NCBOT Approved STIP	
75 L C 25	200	CONSTRUCT SIGNALIZED PEDESTRIAN 0 CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.		EB-6028 DIV	2020-2032 Working STIP WILMINGTON NEW HANOVER	
				DIV	NEW HANOVER	
305 L R 500	1805 3	CONSTRUCT MULTI-USE PATH ALONG 0.5 MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE. (0.5 MILE)		ESOUN EB-6027 LENDI BUSIN	SR 1403 (MIDDLE SOUN LOOP), SR 2862 (LENDI ROAD, OGEDEN BUSIN I ANF	
				ved STIP	2020-2029 NCBOT Approved STIP	
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					ROAD), OGDEN BUSINESS	
305 L R 500	1805 3	CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE. (0.5 MILE)		EB-6027	SOUND LOOP), SR 2862	
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BEAUFORT	DIV		Г	- 1	01 Z-DRIVE TOWING AND PUSHING TUG - UNDER CONSTRUCTION
BERTIE				Φ :	
BRUNSWICK					
CAMDEN					
CARTERET					
CHOWAN					
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CURRITUCK					
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<u>STIP</u> © F-5705 REG	F-5705 REG	<i>STIP</i> □ F-5707 REG	F-5707 REG		NUMBER	5	
SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.	CONSTRUCT MOORING FACILITIES.	CONSTRUCT MOORING FACILITIES.		LOCATION / DESCRIPTION		
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6070 1128 5339 CP 2588	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF REPLACEMENT BUS NEW HANOVER PT
6070 2836	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT
6070 141 5339 CP 2588	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF REPLACEMENT BUS NEW HANOVER PT
6070 2836 S339 CP 2588	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT
6070 143 5339 CP 2588	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF REPLACEMENT BUS NEW HANOVER PT
6070 2836 5339 CP 2588	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT
6070 1140 5339 CP 2588	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF REPLACEMENT BUS NEW HANOVER PT
6070 2836 5339 CP 2588	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT
6070 143 5339 CP 2588	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI TA-5223 REPLACEMENT BUS NEW HANOVER PT
6070 2836 5339 CP 2588	2020-2032 Working STIP CAPE FEAR PUBLIC TA-5223 REPLACEMENT BUS TRANSPORTATION AUTHORITY NEW HANOVER PT
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2020-2032 Working STIP ✓ CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI TG-5245 NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TG-5245 TRANSPORTATION AUTHORITY NEW HANOVER PT	COMMITED ROUTE/CITY ID / NON COUNTY NUMBER
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2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	PREVENTIVE MAINTENANCE	3354 251 5307 CP 251	

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NEW HANOVER

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FUNDS AUTHORIZED IN PROGRESS

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COMMITED ROUTE/CITY ID		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS PROJ YEARS STATE TRANSPORTATION IMPROVEMENT PROGRAM OEVELOPMENTAL PROGRAM FUTURE YEARS
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2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	Z020-2032 Working STIP ✓ □ CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	COMMITED ROUTE/CITY / NON COUNTY NEW HANOVER	
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2020-2032 Working STIP

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2020-2032 Working STIP

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/ NON COUNTY TRANSPORTATION AUTHORITY AUTHORITY NEW HANOVER CAPE FEAR PUBLIC TF **NEW HANOVER** CAPE FEAR PUBLIC TF NEW HANOVER NEW HANOVER NEW HANOVER NEW HANOVER NEW HANOVER **NEW HANOVER** ID NUMBER 끅 먹 끅 멱 멱 끅 끅 먹 ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION LOCATION / DESCRIPTION LENGTH TOTAL PRIOR PROJ YEARS COST COST (THOU) (THOU) 2863 2863 2863 2863 2863 2863 2863 2863 1991 1991 1991 1991 176 174 = ၓ FUNDS **FUNDS AUTHORIZED IN PROGRESS** FUNDS AUTHORIZED IN PROGRESS **FUNDS AUTHORIZED IN PROGRESS FUNDS AUTHORIZED IN PROGRESS** FY 2020 FY 2021 FY 2022 FY 2023 STATE TRANSPORTATION IMPROVEMENT PROGRAM FY 2024 TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS FY 2025 FY 2026 FY 2027 Ŧ 2028 FY 2029 DEVELOPMENTAL PROGRAM FY 2030 FY 2032 FUTURE YEARS UNFUNDED

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2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF OPERATING ASSISTANCE NEW HANOVER PT	AUTHORITY NEW HANOVER PT	2020-2032 Working STIP ✓ CAPE FEAR PUBLIC OPERATING ASSISTANCE TRANSPORTATION	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF OPERATING ASSISTANCE NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC OPERATING ASSISTANCE TRANSPORTATION AUTHORITY NEW HANOVER PT	NEW HANOVER PT	oved S.7 BLIC TF		2020-2032 Working STIP ✓ CAPE FEAR PUBLIC OPERATING ASSISTANCE TRANSPORTATION AUTHORITY NEW HANOVER PT	NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF OPERATING ASSISTANCE		2020-2032 Working STIP ✓ CAPE FEAR PUBLIC OPERATING ASSISTANCE TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI TQ-6513 OPERATING ASSISTANCE NEW HANOVER PT		2020-2032 Working STIP ✓ CAPE FEAR PUBLIC TQ-6513 OPERATING ASSISTANCE TRANSPORTATION AUTHORITY NEW HANOVER PT	COMMITED ROUTE/CITY ID / NON COUNTY NUMBER LOCATION / DESCRIPTION LENGTH
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326 230 5307 CP 22 CP 22 CP 22 CP 2 CP		
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FUNDS AUTHORIZED IN PROGRESS		
SIDE 326 230 5307 CP 22 CP 22 CP 22 CP 22 CP 22 CP 23 CP 23 CP 23 CP 2 CP 2	SAFETY & SECURITY - MIN. 1% SET ASIDE	2020-2032 Working STIP ✓ CAPE FEAR PUBLIC TS-5103 TRANSPORTATION AUTHORITY NEW HANOVER PT
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2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT	COMMITED ROUTE/CITY / NON COUNTY 2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER	
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oved S.7 BLIC TF	SAFETY & SECURITY - MIN. 1% SET ASIDE	326 22 5307 CP 22 CP 22 CP 22 CP 22 CP 22 CP 2 CP
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		FUNDS AUTHORIZED IN PROGRESS
2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF	SAFETY & SECURITY - MIN. 1% SET ASIDE	326 22 5307 CP 22 CP 22 CP 22 CP 22 CP 23 CP 24 CP 2 CP CP
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2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	SAFETY & SECURITY - MIN. 1% SET ASIDE	326 230 5307 CP 22 CP 22 CP 22 CP 22 CP 22 CP 2 CP
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		FUNDS AUTHORIZED IN PROGRESS
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2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF TA-5224 NEW HANOVER PT	REPLACEMENT TROLLEY	700

2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI TO NEW HANOVER PT		ZOZO-ZOSZ WOOKING STIP CAPE FEAR PUBLIC TO TRANSPORTATION AUTHORITY NEW HANOVER PT	
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2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT	NEW HANOVER PT	2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TF NEW HANOVER PT		2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT		2020-2029 NCBOT Approved STIP CAPE FEAR PUBLIC TI NEW HANOVER PT		TRANSPORTATION AUTHORITY NEW HANOVER PT	COMMITED ROUTE/CITY ID / NON COUNTY NUMBER
OPERATING ASSISTANCE	OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE		OPERATING ASSISTANCE			LOCATION / DESCRIPTION
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78562 55630 5307 0 2129	OPERATING ASSISTANCE	2020-2032 Working STIP CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER PT
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FUNDS AUTHORIZED IN PROGRESS		
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Wilmington Urban Area Technical Coordinating Committee Wednesday, July 15, 2020 Remote Meeting Minutes

Members Present

Mike Kozlosky, Chair, MPO Executive Director
Marty Little, New Hanover County Planning
Department
Denys Vielkanowitz, City of Wilmington Traffic
Engineer
Nick Cannon, Transportation Demand
Management (TDM)
Robert O'Quinn, Wrightsville Beach

Stephanie Ayers (Cody Basile, Intern), NC State

Ports Authority
Athina Williams, Town of Belville

Ashli Barefoot, Town of Leland
Barnes Sutton, Town of Navassa
Sam Shore, Pender County Planning Department
Patrick Flanagan, Cape Fear Council of
Governments
Caitlin Marks, Division of Highways, NCDOT
Nazia Sarder, Transportation Planning Branch,
NCDOT

Vanessa Lacer, Cape Fear Public Transportation Authority

1) Call to Order

Mr. Kozlosky called the remote meeting to order at 10:02 a.m., and took a rollcall of the members present pursuant to Section 4.31 of Senate Bill 704 (Session Law 2020-3), as follows:

Present: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Robert O'Quinn, Athina Williams, Ashli Barefoot, Barnes Sutton, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. **Absent:** Mandy Sanders, Jerry Haire, Granseur Dick, Stephanie Ayers, Helen Bunch.

2) Approval of the Agenda

Ms. Williams made a motion to approve the agenda as presented. Ms. Sarder seconded the motion and it carried unanimously by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Robert O'Quinn, Athina Williams, Ashli Barefoot, Barnes Sutton, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. **Nays:** None. **Absent:** Mandy Sanders, Jerry Haire, Granseur Dick, Stephanie Ayers, Helen Bunch.

3) Presentation

a. NCDOT Project Updates/Cape Fear Memorial Bridge Replacement Feasibility Study- Caitlin Marks, NCDOT

Ms. Marks stated that prior to COVID-19, NCDOT's cash balance hovered above its cash floor due to rising construction costs, Map Act settlements, and severe storms. She noted that from fiscal year 2017 to present, NCDOT spent more than \$800 million on approximately 350 storm site repairs and 75 road closures due to disaster frequency and storm severity.

Ms. Marks stated that NCDOT's revenue streams, 40% of which were derived from motor fuel tax and 16% from the highway use tax, have been further impacted by the COVID pandemic. As a result of outbreak precautions, motor vehicle traffic volumes have decreased 40% to 50%.

Ms. Marks estimated that the revenue loss was \$300 million for fiscal year 2020, and is estimated at \$370 million for fiscal year 2021. She noted that although traffic volumes are on the rise at about 90%, impacts would be difficult to predict, particularly should there be a second wave of the virus.

Ms. Marks stated that House Bill (HB) 77 decreased NCDOT's cash floor limit from \$292 million to \$267 million. She noted that the weekly cash report as of this morning reported a cash balance of \$334 million. However, the cash balance cannot be reported as being above the cash floor until a letter from the Chief's office officially says so. Usually, the letter is released the last week of the month.

Ms. Marks stated that cash floor limitations include no new contracts or contract modifications for transportation projects; no new contracts with consultants (although temporaries or embeds can be used to "restart" projects in the interim); and property purchases are prohibited. Additional actions include temporarily suspending engineering and right-of-way (ROW) acquisition on most projects, adjusting let dates, suspending programs such as the wildflower program, freezing new hires, cutting additional contract employees, and imposing a furlough for all NCDOT employees.

Ms. Marks stated that projects scheduled to proceed with engineering in the WMPO area include I-40 Pavement Rehabilitation from Mile Marker 420 to NC210 in Pender County, Wilmington Rail At-Grade Crossing Improvements, and US 421 Widening. She noted that the Hampstead Bypass project included in the list is misleading since it's in ROW acquisition. She pointed out that Division 3 has no design-build projects, and, therefore, no projects on the ROW list to move forward.

Ms. Marks gave further details on HB77, which passed into law on July 6, 2020 (SL 2020-91). She noted that the legislation includes some spending cuts to rail, transit, and airports. She pointed out that the CARES Act is intended to cover some of those losses. She explained that the Bill was designed to help restore stability by restarting some suspended projects, expanding NCDOT's bonding authority, stabilizing funding as hurricane season begins, and providing money for road maintenance and resurfacing. She commented that NCDOT has already begun changing the structure of the cash reports.

Ms. Marks stated that an updated list of current let dates is included in the agenda packet. She pointed out that the Hampstead Bypass let date has been changed from September to March.

Ms. Marks stated that NCDOT gave a presentation on the Cape Fear Memorial Bridge (CFMB) Feasibility Study to the Wilmington Historic Foundation recently, and some media coverage is expected on the response to it. She reminded TCC members that the bridge is a 50-year-old, aging structure, which costs approximately \$550,000 per year to maintain. Additionally, a major rehabilitation project completed late last year cost \$15 million from NCDOT's High Value Bridge Preservation (HVBP) program. A report released in April estimates current traffic volumes at 51,000 vehicles per day, which is projected to increase to 81,000 vehicles per day by 2045.

Ms. Marks stated that the proposed median-divided facility would be increased from four lanes to six, and include a separated multi-use path on the north side. She noted that one of the options includes a railroad component. She gave an overview of estimates for four options as follows:

			Utility		
		Construction	Relocation		Total
Option	Design	Cost	Cost	ROW Cost	Cost
1.	Fixed span, 65' vertical clearance	\$185.1 M	\$2.0 M	\$9.5 M	\$196.6 M
2.	Fixed span, 135' vertical clearance	\$213.6 M	\$2.0 M	\$30.1 M	\$245.7 M
3.	Movable span, 65' vertical clearance	\$475.7 M	\$2.5 M	\$9.5 M	\$487.7 M
4.	Movable span, 65' vertical clearance with railroad component	\$596.7 M	\$2.5 M	\$9.5 M	\$608.7 M

Ms. Marks noted that highlights of the impacts state that the Wilmington local historic district and the downtown business district of the City of Wilmington are not anticipated to have impacts, because the options shift the bridge south away from those districts. She added that the Cape Fear Memorial Bridge project is unfunded and that results of Prioritization 6.0 will not be known until May 2022. Once funding is obtained, the detailed design and environmental merger process will begin.

Mr. Kozlosky inquired about the design-build decision making process. Ms. Marks responded that these depend on Division engineers and the central design team in Raleigh. She added that this is discussed during the initial phases of projects, or if they need to be done quickly. She pointed out that the design-build scenario tends to hold more uncertainty.

4) Consent Agenda

- a. Approval of TCC Meeting Minutes June 10, 2020
- b. Resolution approving 2018-2027 and 2020-2029 STIP/MPO Transportation Improvement Program Amendments #20-1, #20-2 and 20-3

Mr. Shore made a motion to approve the Consent Agenda, Items 3a and 3b, as presented, and to forward the items to the MPO Board for consideration. Mr. O'Quinn seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Mandy Sanders, Robert O'Quinn, Stephanie Ayers, Athina Williams, Ashli Barefoot, Barnes Sutton, Helen Bunch, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. **Nays:** None. **Absent:** Jerry Haire, Granseur Dick.

5) Regular Agenda

a. Resolution approving the Final Draft of Cape Fear Moving Forward 2045

Deputy Director Abby Lorenzo gave an overview on the final draft of the Cape Fear Moving Forward 2045 Plan. She stated that the MPO Board requested an additional three virtual open houses as a replacement for the three in-person open houses that were canceled due to COVID-19. As a result of virtual public outreach, 20 comments have been added to the summary of comments for the plan, bringing the total to 87 with an additional 20 comments added by staff. However, comments from the virtual meetings did not result in any additional recommended changes to the plan. She noted that a total of 17 members of the public participated during the additional virtual open houses, which were held on July 6th, July 7th and July 8th from 5:00 p.m. to 7:00 p.m. on the Zoom online remote meeting platform.

Ms. Lorenzo stated that recommended changes by staff were based on three comments received during the initial public outreach from February 26th to May 15th. She explained that two comments were related to cost estimates for roadway projects, which resulted in the addition of five projects to the fiscally constrained list. The third comment was related to bicycle and pedestrian projects that were duplicated by the State Transportation Improvement Plan (STIP). Removing these projects allowed the addition of other bicycle and pedestrian projects to the plan's fiscally constrained list.

Ms. Lorenzo stated that based on comments, notes were added to the appendices as follows:

 Proposed cross sections or scopes were added to the fiscally constrained lists to help describe the projects;

- In the Freight and Freight/Rail element, staff added language to assist the Port in securing future federal grants; and
- In the Environmental Justice section, staff expanded the degree of impact analysis to include fiscally constrained bicycle and pedestrian, public transportation projects, and added potential benefits and burdens of the projects.

Ms. Lorenzo stated that the next steps would be for the MPO Board to consider a resolution accepting the final draft of the plan this month. Then, staff would proceed with making presentations of the final draft plan to member jurisdictions in August and September, prior to the Board considering the plan for adoption in October.

Ms. Marks made a motion to approve the final draft of the Metropolitan Transportation Plan, and to forward it to the MPO Board for consideration. Mr. Cannon seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Mandy Saunders, Robert O'Quinn, Stephanie Ayers, Athina Williams, Ashli Barefoot, Barnes Sutton, Helen Bunch, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, and Vanessa Lacer. **Nays:** None. **Absent:** Jerry Haire, and Granseur Dick.

Mr. Kozlosky expressed appreciation to staff for their efforts on the plan.

b. Resolution supporting FY 21 Unified Planning Work Program Amendment #1

Ms. Lorenzo stated that this is an amendment to move \$10,000 from the special studies line item for the Pender County Streets Plan to assist in the final funding for the Wilmington Rail Trail Master Plan. She explained that due to the COVID restrictions that were implemented mid-March, staff was unable to complete the Rail Trail Master Plan in fiscal year 2020. She noted that about \$10,000 is needed to complete it, and that the streets plan is expected to come in under budget.

Mr. Shore made a motion to approve the amendment to the Unified Planning Work Program. Mr. Cannon seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Mandy Saunders, Robert O'Quinn, Stephanie Ayers, Athina Williams, Ashli Barefoot, Barnes Sutton, Helen Bunch, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. Nays: None.

Absent: Jerry Haire, Granseur Dick.

c. Resolution supporting applications for the deployment of CASSI in the City of Wilmington and Town of Carolina Beach

Mr. Cannon stated that earlier this year, NCDOT released an application for two communities in North Carolina to have a pilot program for an autonomous vehicle shuttle. He noted that previously, only NC State had Connected Autonomous Shuttle Supporting Innovation (CASSI). He added that NC State's CASSI deployment began in February; but ended prematurely when the university closed due to COVID-19 restrictions.

Mr. Cannon stated that NCDOT has proceeded with its plan to launch pilot routes in two cities/towns in North Carolina in 2021. He noted that the MPO plans to apply for routes in downtown Wilmington and in the Town of Carolina Beach next summer. He commented that the applications are subject to change, since research of the technology continues.

Mr. Kozlosky pointed out that this is an opportunity to deploy alternative technologies.

Ms. Barefoot made a motion to approve the applications. Ms. Bunch seconded the motion, and it carried unanimously by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Mandy Saunders, Robert O'Quinn, Stephanie Ayers, Athina Williams, Ashli Barefoot, Barnes Sutton, Helen Bunch, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. Nays: None.

Absent: Jerry Haire, Granseur Dick.

6) Discussion

a. Congestion Management Process 2020 Biennial Report

Associate Transportation Planner Zach Manfredi gave an overview of the Congestion Management Process (CMP) Report, which is updated every two years. He noted that the CMP is a methodical, data driven approach to managing traffic congestion in the region. He added that all regions with a population greater than 200,000 and designated a Transportation Management Area (TMA) are required to develop this process. He noted that the WMPO became a TMA in 2012, and that the MPO Board adopted its first CMP in 2014.

Mr. Manfredi pointed out that although the CMP is a federally required document, it's not a prescriptive process. He commented that this provides some leeway for regional traffic differences. He added that the Federal Highway Administration (FHWA) created a guidebook in 2011 with eight steps, of which the MPO is currently half-way through. He noted that since biennial data collection is by far the most intensive step, staff has developed goals/objectives and measures aligned with the MPO's Metropolitan Transportation Plan (MTP).

Mr. Manfredi stated that the traffic network includes 30 total corridors. He noted that 25 were retained from the 2018 CMP, and five were changed to accommodate availability of data and changing priorities of the National Performance Research Data Set (NPRDS). He added that each corridor will receive a score for two performance measures: travel time/reliability and multimodal improvement, which will ultimately help rank the projects for the region.

Mr. Manfredi stated that data collection efforts took about six months and involved the efforts of a consultant (Kittelson), and the WMPO with staff collecting individual a.m. and p.m. peak traffic counts, NCDOT's volume and crash data, Wave Transit's transit data, and the MPO's infrastructure data (sidewalks, bike lanes, multi-use paths, etc.).

Mr. Manfredi explained NPRDS in more detail. He pointed out that the data set has a large sample size. He noted that the consultant has reviewed and provided an analysis of the data. He commented that the value of internal metrics can be appreciated in a comparison to national metrics. On a national level, the MPO region is not considered to be congested compared to communities like Los Angeles. He added that Kittelson would provide a presentation with more detail in August.

Mr. Manfredi gave an overview of the remaining steps of the CMP. He stated that feedback from local stakeholders will be sought to identify strategies to address congestion, and requested participation from TCC members. He added that three iterations (2020, 2022, and 2024) of the CMP will lend itself to the next MTP and future STIPs. He noted that the last step of the CMP will be to evaluate strategy effectiveness, and that this year will serve as a baseline for that evaluation. He added that that virtual stakeholder meetings will be held in August.

In response to an inquiry by Mr. Flanagan regarding the truck times in the multimodal category, Mr. Manfredi stated that the NPRDS was originally created for freight lines, and that travel time was included in multimodal previously; but that staff would review it.

Ms. Lorenzo stated that staff would put together a toolbox of traffic congestion mitigation strategies to discuss with planning staffs of local jurisdictions to determine appropriate corridor implementation and multimodal suitability.

b. 2020-2029 STIP/MPO Transportation Improvement Program Administrative Modifications #20-5 Mr. Kozlosky stated that this administrative modification would be to delay the Drysdale Drive Extension from fiscal year 2021 to fiscal year 2022. He noted that this item is for information purposes only and will return to the Committee for consideration at its next meeting.

7) Updates

- a. Wilmington Urban Area MPO
- b. Cape Fear Public Transportation Authority
- c. NCDOT Division
- d. NCDOT Transportation Planning Division

Mr. Kozlosky stated that updates are included in the agenda packet. There were no questions on the updates.

8) <u>Announcements</u>

- a. Bike/Pedestrian Committee Meeting August 11th
- b. Next TCC meeting August 12th

9) Adjournment

Ms. Bunch made a motion to adjourn. Mr. Kozlosky seconded the motion and the meeting was adjourned unanimously at 10:53 a.m. by rollcall as follows:

Ayes: Mike Kozlosky, Marty Little, Denys Vielkanowitz, Nick Cannon, Mandy Saunders, Robert O'Quinn, Stephanie Ayers, Athina Williams, Ashli Barefoot, Barnes Sutton, Helen Bunch, Sam Shore, Patrick Flanagan, Caitlin Marks, Nazia Sarder, Vanessa Lacer. **Nays:** None. **Absent:** Jerry Haire, Granseur Dick.

THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.
THE ENTIRE PROCEEDINGS ARE RECORDED DIGITALLY AS PART OF THIS RECORD.

Wilmington Urban Area Metropolitan Planning Organization Public Participation Plan



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1 Introduction

1.1 Overview

The Wilmington Urban Area Metropolitan Planning Organization's (WMPO) Public Participation Plan is an umbrella policy, encompassing the plans and programs of the greater Wilmington Urban Area's transportation planning process. Public participation is an integral part of the WMPO's planning efforts. The Public Participation Plan is comprised of the public involvement programs for all the major planning activities, including the Metropolitan Transportation Plan (MTP), Metropolitan Transportation Improvement Program (MTIP), the Unified Planning Work Program (UPWP) and federal requirements (FAST Act, Civil Rights Act, Environmental Justice, Limited English Proficiency and Americans with Disabilities Act).

The WMPO is an intergovernmental transportation planning agency created by an agreement among the City of Wilmington, Town of Belville, Town of Carolina Beach, Town of Kure Beach, Town of Leland, Town of Navassa, Town of Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority and the North Carolina Board of Transportation. Federal and state laws require the formation of Metropolitan Planning Organizations (MPO) in urbanized areas with populations of greater than 50,000 in order for surface transportation projects to be eligible for federal transportation funding.

The Wilmington Urban Area population has exceeded 200,000 and in July 2012 the Federal Highway Administration (FHWA)/Federal Transit Administration (FTA) designated the Wilmington Urban Area as a Transportation Management Area (TMA). This new designation provides for additional requirements including a Congestion Management Process, official FHWA/FTA Certification Review, additional federal reporting requirements and the administration of the Direct Attributable Programs.

The WMPO is responsible for conducting a continuing, cooperative, and comprehensive transportation planning process for all of the members within the WMPO urbanized area. The WMPO must plan for the movement of both people and goods within the WMPO boundaries by all modes of travel, including highways, public transportation, bicycles, and pedestrians. It also plans for the connections (such as airports, seaports, buses, railroads, and pipeline terminals) linking these modes and connecting the greater Wilmington area to the rest of the State, country, and world.

1.2 The WMPO Mission Statement

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

1.3 The WMPO Board

The Board is the policy and decision-making body for the WMPO. The Board is comprised of elected and appointed officials from the City of Wilmington, owns of Belville, Carolina Beach, Kure Beach, Leland, Navassa, Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of

Transportation. The Board is ultimately responsible for providing opportunities for citizen participation in the transportation planning process.

WMPO Voting Members:

Brunswick County: One elected official **New Hanover County:** One elected official

Pender County: One elected official **City of Wilmington:** Two elected officials **Town of Belville:** One elected official

Town of Carolina Beach: One elected official Town of Kure Beach: One elected official Town of Leland: One elected official Town of Navassa: One elected official

Town of Wrightsville Beach: One elected official

Cape Fear Public Transportation Authority: One elected official (appointed by the New

Hanover County Board of Commissioners to the Authority Board) **North Carolina Board of Transportation:** One appointed official

WMPO Non-Voting Members:

Federal Highway Administration Cape Fear Council of Governments North Carolina State Ports Authority Wilmington Airport Authority North Carolina Turnpike Authority

1.3.1 Board Meetings

Regular schedules will be adopted by the Board at the last meeting of the calendar year for the upcoming year. These meetings will typically be held eleven (11) times per calendar year unless otherwise approved. Notice of these meetings will be published in the Star News and Wilmington Journal at least five (5) days prior to the day of the meeting and also posted in accordance to the State Open Meetings Laws. These meetings and agendas will also be published on the WMPO's website. These meetings are open to members of the public and upon request anyone can be placed on the Board mailing list. At the beginning of each regular meeting, a signin sheet will be available before each meeting for those who wish to speak. Each speaker is limited to three (3) minutes and the entire public comment period shall not exceed fifteen (15) minutes. If necessary, the Chairman can extend the public comment period by a vote of the Board.

1.4 Technical Coordinating Committee (TCC)

The Technical Coordinating Committee (TCC) is made of planners, engineers, and other staff from each of the member agencies to facilitate coordination of the WMPO's planning activities and transportation planning and related activities occurring within each member agency's jurisdiction. The TCC makes recommendations to the Board.

1.5 Bicycle and Pedestrian Advisory Committee

The Bicycle and Pedestrian Advisory Committee is composed of members appointed by the Board, the Chancellor of the University of North Carolina at Wilmington, and the Chairman of the Bicycle and Pedestrian Advisory Committee. The Bicycle and Pedestrian Advisory Committee promotes the safe use of bicycling and walking for transportation, fitness, and recreation; provides recommendations on policies and plans that affect the development of bicycle and pedestrian facilities; and contributes to the development of the MTP.

1.6 Electronic Meetings

The Wilmington Urban Area Metropolitan Planning Organization may choose to hold electronic meetings solely online or electronically. In these cases, a telephone number will also be provided for individuals without internet access to call in.

When Feasible:

- Meetings will be streamed live on an online platform that allows visual and audio capabilities to the general public.
- Meeting agendas and materials will be posted online in advance of the meeting.
- If a public comment period is undertaken during the meeting and public cannot be made in person, a means to provide comments by phone, email and/or video will be provided.

2 Purpose

The purpose of the WMPO Public Participation Plan is to create an open decision-making process whereby citizens have the opportunity to be involved in all stages of the transportation planning process. This policy is designed to ensure that transportation decisions will reflect public priorities.

2.1 Goals

The goals of the WMPO's Public Participation Plan are:

- A. The WMPO will actively seek and consider public input and incorporate or otherwise respond to the views of its stakeholders in making its decisions.
- B. The public will be informed in a timely manner about and empowered to participate in the WMPO's decision-making processes, which are open, understandable, and consistently followed. Access points for public input will be clearly defined from the earliest stages of a decision process and provide adequate time for stakeholders to participate.
- C. Credible, effective public participation processes will be consistently incorporated into the WMPO's program operations, planning activities, and decision-making processes, at headquarters and in the field. Every employee within the WMPO will share responsibility to promote, practice, and improve public participation.

2.2 Objectives

- Bring a broad cross-section of the public into the public policy and transportation planning decision-making process.
- Maintain public involvement from the early stages of the planning process through detailed project development.
- Use different combinations of public involvement techniques to meet the diverse needs of the general public.
- Determine the public's knowledge of the metropolitan transportation system and the public's values and attitudes concerning transportation.
- Educate citizens and elected officials in order to increase general understanding of transportation issues.
- Make technical and other information available to the public.
- Establish a channel for an effective feedback process. Evaluate the public involvement process and procedures to assess their success at meeting requirements specified in the FAST Act (or most current regulation), NEPA, and FTA/FHWA Guidance on Public Participation.

3 Federal Requirements

The federal laws and processes covering public participation in the transportation planning process include the following:

- Fixing America's Surface Transportation Act (FAST Act), (or most current regulation);
- Title VI of the Civil Rights Act of 1964;
- Executive Order 13161, Improving Access to Services for Persons with Limited English Proficiency (2000);
- The Americans with Disabilities Act of 1990, the Rehabilitation Act of 1973 (Section 504), and Rehabilitation Act Amendments of 1998 (Section 508); and
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (1994), USDOT Order 5610.2(a), and FHWA Order 6640.23A.

In order to be in compliances with the federal requirements for Environmental Justice (EJ) and Limited English proficiency (LEP), the WMPO may develop strategies that encourage EJ and LEP populations to participate in the transportation planning process.

3.1 Federal Regulation

As mandated under the 23 U.S. Code § 134 and directed by the FAST Act, or other, current supporting federal regulations, MPOs must establish, periodically review and update public participation processes. These processes should assure early and continued public awareness of and access to the transportation decision-making process.

The planning regulations contain a number of performance standards for public involvement, including:

- Providing timely notice and reasonable access to information about transportation issues and processes;
- Providing adequate public notice of public participation activities and time for public review and comment at key decision points, including a reasonable opportunity to comment on the proposed metropolitan transportation plan and the MTIP;
- Demonstrating explicit consideration and response to public input received during the development of the metropolitan transportation plan and the MTIP;
- Employing visualization techniques to describe metropolitan transportation plans and MTIPs; and
- Making public information (technical information and meeting notices) available in electronically accessible formats and means.

3.2 Title VI of the Civil Rights Act of 1964

Title VI of the Civil Rights Act of 1964 states that "no person in the United States shall, on the grounds of race, color or national origin be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

3.3 The Americans with Disabilities Act of 1990, the Rehabilitation Act of 1973 (Section 504), and the Rehabilitation Act Amendments of 1998 (Section 508)

The Americans with Disabilities Act of 1990 mandates that public facilities be made accessible to people with disabilities and has been the basis for requiring that transit buses and street curbs be retrofitted or reconstructed with appropriate equipment and design details.

The *Rehabilitation Act of 1973* (Section 504) states that "no qualified individual with a disability in the United States shall be excluded from, denied the benefits of, or be subjected to discrimination under" any program or activity that receives federal financial assistance.

The *Rehabilitation Act Amendments of 1998* (Section 508) states that federal agencies must ensure that electronic and information technology is accessible to employees and members of the public with disabilities to the extent it does not pose an "undue burden."

All notices for planning activities of the **WMPO** will include an announcement that states that persons with disabilities will be accommodated. Special provisions will be made if notified 48 hours in advance (e.g., having available large print documents, audio material, someone proficient in sign language, a translator or other provisions requested). Public meetings will be held in locations accessible to persons with disabilities and will be located near or on a transit route if possible. TTY users may dial 711 to contact the WMPO.

3.4 Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency (2000)

The basis of *Executive Order 13166* lies in *Title VI of the Civil Rights Act of 1964*. It requires that federal agencies work to ensure that recipients of federal financial assistance provide "meaningful access" to their limited English proficiency applicants and beneficiaries.

3.5 Executive Order 12898, USDOT Order 5610.2(a), and FHWA Order 6640.23A.

3.5.1 Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (1994)

The basis of *Executive Order 12898* lies in *Title VI of the Civil Rights Act of 1964*. The Executive Order directs that "each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations."

3.5.2 Department of Transportation Update Environmental Justice Order 5610.2(a)

The *USDOT Order* 5610.2(a) sets forth the U.S. Department of Transportation (USDOT) policy to consider environmental justice principles in all USDOT programs, policies, and activities. The three fundamental environmental justice principles include:

• To avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations;

- To ensure full and fair participation by all potentially affected communities in transportation decision-making; and
- To prevent the denial of, reduction in, of significant delay in the receipt of benefits by minority and low-income populations.

3.5.3 Federal Highway Administration Order 6640.23A Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

The FHWA Order 6640.23A is the directive that establishes policies and procedures for the FHWA to use in complying with Executive Order 12898. In addition, it defines the following terms:

Low-Income – A person whose median household income is at or below the Department of Health and Human Services poverty guidelines.

Low-Income Population – Any readily identifiable group of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a proposed program, policy, or activity.

Minority – A person who is:

- Black: a person having origins in any of the black racial groups of Africa;
- Hispanic or Latino: a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race;
- Asian American: a person having origins in any of the original peoples of the Far East, Southeast Asia or the Indian subcontinent:
- American Indian and Alaskan Native: a person having origins in any of the original people of North America, South America (including Central America), and who maintains cultural identification through tribal affiliation or community recognition; or
- Native Hawaiian and Other Pacific Islander: a person having origins in any of the original peoples of Hawaii, Guam, Samoa or other Pacific Islands.

Minority Population – Any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a proposed program, policy, or activity.

3.6 Environmental Justice and Limited English Proficiency Outreach Strategies

The WMPO places great emphasis on reaching people and groups that have not traditionally been participants in the transportation planning process. These traditional non-participants include low-income, minority, elderly and disabled; do not have vehicles; and low literate or have limited English proficiency. The WMPO will develop strategies to address participation barriers that may include the following listed below. In addition, staff may modify the techniques listed in the next section, Outreach Efforts, to ensure traditionally non-participating populations are involved in the transportation planning process.

3.6.1 Develop and Implement a Plan to Reach Non-Participating Minority and Low Income Populations

WMPO staff should identify and meet with organizations and community leaders who represent traditional non-participant populations. The purpose of these meetings will be to build relationships with the groups and leaders as well as identify strategies to bring traditional non-participants into the planning process. The identified strategies will be implemented in cooperation with the organizations and community leaders. Detailed plans may outline the meetings with group leaders and implementing strategies.

3.6.2 Develop Outreach and Education Programs

The WMPO should develop outreach and education program designed to educate the public about the regional transportation planning process and its relevancy to all stakeholders. English and Spanish materials may be produced as part of this program and may include such tools as pamphlets and brochures which can be used in various presentations and for distribution.

Special considerations and arrangements will be made to design a program that is tailored for traditional non-participants. These considerations may include developing materials specifically targeted to those communities. It will be necessary to periodically review and update the program and materials.

4 Outreach Efforts

The WMPO will seek public input through a menu of techniques, including public notices, comment periods, workshops, charrettes, public hearings, newsletters, surveys, media relations, periodic transportation summits, and the Citizen's Advisory Committee (CAC). The techniques employed will vary, depending on the specific planning task and a menu of options are outlined in this section. The WMPO will hold a forty-five (45) day public comment period for amendments to the Public Participation Plan and will seek input and feedback on the WMPO's public involvement efforts.

4.1 Stakeholder Interviews

A stakeholder is defined as any person or group that is affected by a transportation plan, program or project, including those who are not aware they will be affected. In accordance with the FAST Act, stakeholders will include "individuals, affected public agencies, representatives of public transportation employees, public ports, freight shippers, providers of freight transportation services, private providers of transportation (including intercity bus operators, employer-based commuting programs, such as carpool program, vanpool program, transit benefit program, parking cash-out program, shuttle program, or telework program), representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties."

Individuals will include the general public; environmental, health, neighborhood, citizen and civic organizations; and, traditionally underserved communities such as people with disabilities, and/or low-income, minority, and elderly.

The WMPO will create a database holding contact information for individual stakeholders and representative stakeholder groups. The WMPO will continually work to identify new stakeholders interested in and or affected by the transportation planning process. With their consent, these names, addresses, phone numbers and e-mail addresses will be included in the stakeholder, contact database.

Ongoing meetings with stakeholders will be conducted to share information and for the WMPO to receive feedback on transportation issues throughout the community and region.

4.2 Publicize WMPO Activities

Media coverage will be actively cultivated to ensure that mainstream and ethnic radio, television and newspaper outlets understand the importance of providing information on transportation planning activities. In addition, articles, new releases and/or media releases will be used to disseminate information to announce public review and comment periods and public meetings. In order to accomplish this task, a current list of media outlets such as mainstream and ethnic television and radio stations and newspapers, including small community-based publications, will be established and maintained.

4.3 Establish a Speaker Bureau

The Speaker's Bureau will consist of WMPO members and staff who can speak to civic organizations, professional organizations, neighborhood associations and other groups about the

regional transportation planning process. Members of the Speaker's Bureau will present information in order to educate the public regarding the WMPO planning process and on-going transportation projects within the region. A goal of holding a Speaker's Bureau will be that WMPO staff will gain further insight on the public's issues/concerns and transportation needs within the region.

4.4 Maintain a Website

The WMPO's website (www.wmpo.org) provides information about WMPO meetings and activities, including listing all upcoming meetings. This website includes a calendar, agendas and minutes; plans and documents and updates on current transportation projects. This website should provide the public with an opportunity to provide input and formal comments on an ongoing basis through the e-mail links.

4.5 Develop and Distribute Brochures

The WMPO may produce a brochure in English and Spanish dedicated to explaining the WMPO and its roles and responsibilities. If requested, this brochure will be provided in large print format. The brochure should be available on-line and made available to identified stakeholders, libraries, government buildings, WMPO offices and other locations. Specialized brochures may be required to be provided to targeted groups.

4.6 Conduct Public Informational Workshops, Charrettes and Public Open Houses

Public Informational Workshops, Charrettes and Public Open Houses may be conducted on topics associated with the transportation planning process. Such workshops, charrettes and/or open houses will be designed based on the intent of the meeting. These can be used to educate the participants on specific topics, e.g. transportation projects, the transportation model, planning efforts, etc. Public Informational Workshops, Charrettes and Public Open Houses provide a means for allowing the public to express their ideas and concerns in an informal setting. The workshops, charrettes and open houses may be conducted on an as-needed basis.

4.7 Conduct Surveys

Surveys may be used to gather information from peoples' perceptions, preferences and practices. In areas were low literacy exists; surveys should be conducted in person. In limited English proficient communities, these surveys should be published in Spanish. In areas where the public is literate, surveys may be mailed, e-mailed or posted on the WMPO's website.

4.8 Create Newsletters

The WMPO may produce a quarterly newsletter in both English and Spanish dedicated to transportation planning activities in the Wilmington region. If requested, this newsletter should be provided in a large print format. This newsletter should include information regarding technical issues written in layman's terms for the general public. In addition, the newsletter should provide the public with periodic updates of WMPO activities. The newsletter should be available on-line and distributed to all identified stakeholders, made available to libraries, government buildings, WMPO offices and other locations. Additionally, a specialized newsletter may be needed to provide timely information on targeted projects/topics.

4.9 Periodic Transportation Summits

Periodic Transportation Summits may be conducted by the WMPO to educate local elected officials, business, transportation, and community leaders on topics in the transportation industry. These summits will be focused on federal, state and local transportation issues and serves as an avenue to bring these leaders together to discuss transportation concerns and needs. The WMPO may utilize Transportation Summits for State and local leaders to discuss local and regional transportation issues.

4.10 Citizen Advisory Committee (CAC)

The WMPO Board may establish a Citizen Advisory Committee (CAC). The CAC is a volunteer group consisting of representatives from community organizations, professional associations, neighborhood associations, civic and community organizations and the private sector. The CAC will assist in developing public participation programs and collecting public input for the decision making process. Comments received from the CAC members and non-members are treated equally. The CAC will establish a meeting schedule approved at the last meeting of the calendar year for the upcoming year. These meetings are open to the public and provide an opportunity for interested parties to hear and discuss transportation matters to guide developing the MTP and other studies.

4.11 Social Media

The WMPO may use social media outlets to provide an additional avenue to effectively communicate information and encourage citizen participation. Adjusting practices to involve innovative technologies ensures that the WMPO is capitalizing on cost-effective resources that citizens use when obtaining and sharing information. Posts and comments directed to the WMPO through social media outlets will not be considered to be public comments for planning activities or projects.

4.12 Annual Report

The WMPO may publish an Annual Report that highlights annual agency accomplishments and provides a review of the services provided to the community.

4.13 Visualization Techniques

The WMPO may use visualization techniques for communicating information to the public, elected and appointed officials, and other stakeholders. Visualization techniques should deliver information in a clear and concise manner, promoting a better understanding of existing or proposed transportation planning activities.

Depending on the planning activity, visualization techniques may include, but not limited to: GIS maps; web-based surveys; videos; brochures or flyers; PowerPoint presentations; or photographic renderings. The WMPO should evaluate the effectiveness of visualization techniques and seek guidance from other partnering agencies, including, but not limited to FHWA's "Visualization in Planning" website.

5 Plan Specific Guidelines

The WMPO's Public Participation Plan is consist of a number of procedures and all planning programs and activities are required to go through the Board's public participation process. In addition, the WMPO has initiated specific public participation techniques for the MTP, the MTIP, the UPWP complying federal requirements – FAST Act, Civil Rights Act, Environmental Justice, Limited English Proficiency and Americans with Disabilities Act.

5.1 Public Comment for MTP, UPWP, and MTIP

The WMPO will provide an opportunity for meaningful public involvement in the development and update of the MTP; final draft of the MTIP; and in the development of the UPWP. The public comment period will be a <u>minimum</u> thirty (30) day period, effective from the date of the public notice publication. Written comments will be received during the comment period and will be directed to the WMPO. The WMPO's contact person, phone number and e-mail address will be included in the public notice. The Board shall hold at least one public hearing prior to the adoption of the MTIP every two years. A public comment period is not required for administrative modifications to the MTIP.

The WMPO will assemble all comments and forward summary of comments to the TCC and the Board. The Board typically acknowledges public comments for the MTP, UPWP, and MTIP in one of the following two ways: the Board may incorporate a summary of public comments and the WMPO's response, as an appendix, into the specific planning document, or, depending on the number of comments, the Board may instruct the planning staff to respond directly by letter. Acknowledging public comments is a way to let the public know that its comments are being addressed and is part of the public involvement feedback process.

5.2 Metropolitan Transportation Plan (MTP)

The MTP is developed for the Metropolitan Planning Area (MPA) and covers at least a 20-year planning horizon. The MTP encompasses transportation strategies to maintain the existing transportation infrastructure while meeting the future needs of all federally funded transportation modes in the MPA, including highways, public transportation, bicycle and pedestrian, freight and rail, ferry, and aviation.

5.2.1 Objectives

- Proactive participation techniques may be employed to involve citizens and provide fuller
 access to information and technical data on the Transportation Plan. The technique may
 include, but not be limited to, public meetings/hearings, surveys, focus groups,
 newsletters, public service announcements, charrettes, transportation advisory group,
 mass media, etc.
- Public meetings may be held to formulate a vision for the MTP development, provide the
 public background information on the metropolitan transportation system and other issues
 as well as the proposed framework of the MTP update process, and to receive citizen
 input.

- Public meetings (forums) designed to solicit public comment may be held at various locations around the metropolitan area to encourage the greatest public participation.
- Efforts will be made to hold public meetings at a locations which are accessible to persons with disabilities and preferably located along a transit route.

Notifications will inform the public of the availability of the draft MTP for review and comment, where to send written comments, and addresses and phone numbers of contact persons. The notices also will include an announcement that states that persons with disabilities will be accommodated. Special provisions will be made if notified 48 hours in advance (e.g. having available large print documents, audio material, someone proficient in sign language, a translator, or other provisions as requested). Additionally, the notice will inform the public where copies of the draft MTP will be on file for public review. A copy will also be available in a PDF format for downloading on the WMPO website.

5.3 Metropolitan Transportation Improvement Program (MTIP)

The federally required Metropolitan Transportation Improvement Program, or MTIP, is a comprehensive listing of all the WMPOs transportation projects that receive federal funds. The MTIP sets forth the Board's priorities, funding and scheduling of transportation improvement projects (highway, bicycle, pedestrian, transit capital and operating assistance, and other transportation improvements in the WMPO) using State and federal funds. The MTIP serves as the project selection document for transportation projects and, therefore, is the implementation mechanism by which the objectives of the MTP are reached.

The MTIP and the State Transportation Improvement Program (STIP) must match exactly in projects, schedule, and scope, for projects to move forward with federal funding. It is therefore critical that close coordination be held with the State to assure that both parties are in agreement with the program and thus allow projects and programs (including transit elements) to move forward.

The Board adopts the MTIP and STIP every two years. By law, the MTIP and STIP must cover at least a three-year period and contain a priority list of projects grouped by year. Further, the MTIP and STIP must be financially constrained by year (meaning that the amount of dollars programmed must not exceed the amount of dollars estimated to be available). Federal regulations also require an opportunity for public comment prior to MTIP approval.

5.3.1 Annual Listing of Obligated Projects

The WMPO publishes the annual listing of obligated projects which displays projects and strategies that were authorized and committed using federal funds in the previous year. The annual listing will be published on the WMPO website at www.wmpo.org within ninety (90) days following the end of the program year. Hard copies are available upon request by contacting the WMPO.

5.4 Unified Planning Work Program (UPWP)

The FAST Act requires each MPO, as a condition to the receipt of federal highway and transit capital or operating assistance, to conduct a documented comprehensive transportation planning

process. A Unified Planning Work Program (UPWP), which includes planning and project development activities that address transportation issues in the area, is required by this process. Annual certification that the planning process is being carried on in conformance with stated requirements is necessary for the receipt of funding for surface transportation programs, air quality, national highway system, Interstate maintenance, state bridge replacement, and transit capital and operating funds.

The purpose of the UPWP is to administer the MPO planning program and carry out the planning activities necessary to implement the MTP. It also serves to document the proposed expenditures of federal, state and local transportation planning funds, and provides a management tool for the WMPO and the funding agencies in scheduling major transportation planning activities and projects.

The major elements of the Unified Planning Work Program include:

- Surveillance of Change
- Metropolitan Transportation Plan
- Planning Work Program
- Transportation Improvement Plan
- Civil Rights/Other Regulatory Requirements
- Incidental Planning/Project Development
- Management and Operations

The UPWP must identify the MPO's planning tasks to be undertaken with the use of federal transportation funds, including highway and transit funds. The purpose of public involvement in the UPWP process is to keep the public apprised of and to receive input on the planning activities to be undertaken by the MPO.

5.5 Plan Specific Chart

	Public Comment Period	Public Hearing	Draft Document Availability	Responding to Public Comment	Final Plan Availability
MTP	Minimum 30 days	Not required	WMPO offices and website, WMPO member planning department offices, and at area libraries	When significant written/oral comments are received on the draft, a summary, analysis, and report on the disposition of comments shall be made as part of the final MTP	WMPO offices and website, WMPO member planning department offices, and at area libraries
MTIP	Minimum 30 days	Yes, prior to the MTIP adoption every 2 years	WMPO offices and website	When significant written/oral comments are received shall be presented to the Board	WMPO offices and website
UPWP	Minimum 30 days	Not required	WMPO offices and website	When significant written/oral comments are received shall be presented to the Board	WMPO offices and website
PPP	Minimum 45 days	Not required	WMPO offices and website	When significant written/oral comments are received shall be presented to the Board	WMPO offices and website

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING AMENDMENTS TO THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S PUBLIC PARTICIPATION PLAN TO ALLOW FOR ELECTRONIC MEETINGS

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 Urban Area Metropolitan Planning Organization adopted a Public Participation Plan on January 25, 2017 that outlined how the public will participate in the business of the Wilmington Urban Area Metropolitan Planning Organization; and

WHEREAS; the Wilmington Urban Area Metropolitan Planning Organization has a need to conduct business and typically meets in person on a monthly basis; and

WHEREAS, the adopted Wilmington Urban Area Metropolitan Planning Organization's Bylaws include language that states "A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations or voting upon or otherwise transacting public business. A quorum consists of 51% of the members of the Board, plus as many additional members as may be required to ensure that 51% of the possible votes are present; and

WHERREAS, during a declared State of Emergency, Boards and Committees of the Wilmington Urban Area Metropolitan Planning Organization may desire to conduct their business electronically; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has prepared an amendment to the adopted Public Participation Plan that will allow for electronic//remote meetings.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports amending the Wilmington Urban Area Metropolitan Planning Organization's Public Participation Plan to allow for electronic meetings.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 30, 2020.

David Piepmeyer, Chair
Mike Kozlosky, Secretary

STIP/MPO TIP Modification # 20-5 (July 2020)

RIGHT OF WAY CONSTRUCTION

FY 2020 - \$1,870,000 (T)
FY 2022 - <u>\$4,800,000</u> (BGANY)
\$6,670,000

U-5710A

NEW HANOVER

CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74

STATEWIDE

(EASTWOOD ROAD). ROADWAY ON NEW

PROJ.CATEGORY

LOCATION.

TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 21 TO FY 22.

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #20-5 TO THE 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 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 modify the adopted 2018-2027 and 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modifications #20-3 and 20-4.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2020-2029 State/MPO Transportation Improvement Programs for Administrative Modification #20-5.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 30, 2020.

David Piepmeyer, Chair
Mike Kozlosky, Secretary

Proposed Amendments to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #20-4 (September 2020)

* TC-0010 PROJ.CATEGORY STATEWIDE	* TC-0008 PROJ.CATEGORY STATEWIDE	* TC-0007 PROJ.CATEGORY STATEWIDE	* TC-0006 PROJ.CATEGORY STATEWIDE	* TC-0005 PROJ.CATEGORY STATEWIDE	* TC-0013 PROJ.CATEGORY STATEWIDE
- STATEWIDE PROJECT	- STATEWIDE PROJECT	- STATEWIDE PROJECT	- STATEWIDE PROJECT	- STATEWIDE PROJECT	- STATEWIDE PROJECT
STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION ADD PROJECT TC-0010 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FACILITY CONSTRUCTION ADD PROJECT TC-0008 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR CONSTRUCTION PROJECT ADD PROJECT TC-0007 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION ADD PROJECT TC-0006 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION ADD PROJECT TC-0005 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	MOBILITY FROM ALL GRANT OPPORTUNITY FROM THE FTA. 5310 DISCRETIONARY GRANT AWARDED BY FTA ADD PROJECT TC-0013 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF INTEGRATED MOBILITY DIVISION
CONSTRUCTION	САРІТАL	САРІТАL	CONSTRUCTION	CONSTRUCTION	CAPITAL
FY 2021 _	FY 2021 _	FY 2021 _	FY 2021 _	FY 2021 _	2021 2021 _
\$1,135,000 \$1,135,000	\$4,000,000 \$4,000,000	\$1,189,000 \$1,189,000	\$335,000 \$335,000	\$1,668,000 \$1,668,000	\$70,000 \$280,000 \$350,000
(5339)	(5339)	(5339)	(5339)	(5339)	(L) (5310)

Proposed Amendments to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #20-4 (September 2020)

* TG-0006 PROJ.CATEGORY STATEWIDE	* TG-0005 PROJ.CATEGORY STATEWIDE	* TG-0004 STATEWIDE PROJ.CATEGORY	* TG-0002 PROJ.CATEGORY STATEWIDE	* TC-0012 PROJ.CATEGORY STATEWIDE	* TC-0011 PROJ.CATEGORY STATEWIDE
- STATEWIDE PROJECT	- STATEWIDE PROJECT				
STATEWIDE, FY21 5307 SBUS CAPITAL ADD PROJECT TG-0006 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, FY21 5307 SBUS CAPITAL ADD PROJECT TG-0005 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, FY21 5307 SBUS CAPITAL ADD PROJECT TG-0004 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, FY21 5307 SBUS CAPITAL ADD PROJECT TG-0002 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT TO PURCHASE ELECTRIC BUSES AND CHARGING STATIONS ADD PROJECT TC-0012 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION ADD PROJECT TC-0011 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT
CAPITAL	CAPITAL	CAPITAL	CAPITAL	ACQUISITION	CAPITAL FY 2021
FY 2021 _	FY 2021 _				
\$122,000 \$122,000	\$168,000 \$168,000	\$168,000 \$168,000	\$21,000 (5307) \$21,000	\$894,000 (5339) \$894,000	\$2,391,000 (5339) \$2,391,000
(5307)	(5307)	(5307)	(5307)	(5339)	(5339)

Proposed Amendments to 2020-2029 STIP/MPO TIP Programs

STIP/MPO TIP Amendment #20-4 (September 2020)

* TM-0010 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS ADD PROJECT TM-0010 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	OPERATIONS	FY 2021	\$142,000 (5307) \$142,000	(5307)
* TM-0012 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS <u>ADD PROJECT TM-0012 TO STIP FOR FY 21.</u> <u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u> <u>PROJECT ADDED AT THE REQUEST OF NCDOT</u>	OPERATIONS	FY 2021	\$129,000 \$129,000	(5307)
* TM-0014 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS <u>ADD PROJECT TM-0014 TO STIP FOR FY 21.</u> <u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u> <u>PROJECT ADDED AT THE REQUEST OF NCDOT</u>	OPERATIONS	FY 2021	\$75,000 \$75,000	(5307)
* TM-0015 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS <u>ADD PROJECT TM-0015 TO STIP FOR FY 21.</u> <u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u> <u>PROJECT ADDED AT THE REQUEST OF NCDOT</u>	ADMINISTRATIVE	FY 2021	\$145,000 (5307) \$145,000	(5307)
* TM-0020 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS <u>ADD PROJECT TM-0020 TO STIP FOR FY 21.</u> <u>NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u> <u>PROJECT ADDED AT THE REQUEST OF NCDOT</u>	ADMINISTRATIVE	FY 2021	\$45,000 \$45,000	(5307)
* TM-0022 PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	STATEWIDE, 5307 OPERATING FUNDS ADD PROJECT TM-0022 TO STIP FOR FY 21. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD. PROJECT ADDED AT THE REQUEST OF NCDOT	ADMINISTRATIVE	FY 2021	\$18,000 \$18,000	(5307)

CORRIDOR U

U.S. 74W/U.S. 74E/ I-74 - I-26 in Polk County to U.S. 117 in Wilmington

GENERAL DESCRIPTION

The 292-mile Corridor U serves southwest North Carolina from I-26 in Polk County to U.S. 117 in Wilmington, the primary access to the Port at Wilmington, traversing the state's southern tier counties and the Charlotte metropolitan area. U.S. 74 carries high truck volumes for the entire length of the corridor and high passenger volumes from Shelby to Monroe. Corridor U overlaps Corridor H (Future I-74) for 91 miles from Rockingham to Columbus County. The corridor is used as both a regional and statewide connection to major employment centers, airports, and health centers.



- Freeway cross-section
- AASHTO Design Classification of Interstate or Freeway
- Minimum 4 lanes with a median
- Connections provided only at interchanges
- Traffic signals and driveways not allowed

AREAS IDENTIFIED FOR ADDITIONAL STUDY

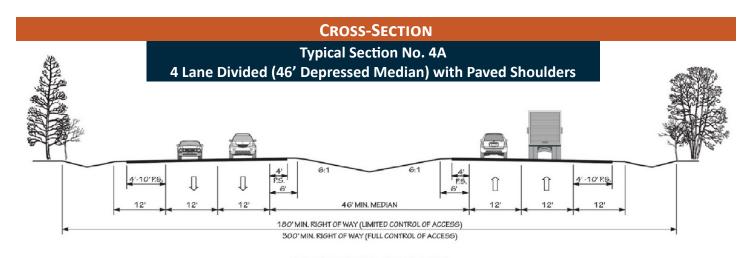
- Complete high-capacity, high-speed improvements for improved route continuity
- Increase reliability and capacity from Shelby to Monroe
- Safety improvements on rural, uncontrolled access sections to address high crash sections or hot spots
- Establish consistent route continuity for improved freight operations
- Park and Ride and Express Bus providing additional public transit options to address congestion
- Track improvements to facilitate rail freight/passenger flow based on rail and freight plans
- · Wilmington area improvements

CORRIDOR U

U.S. 74W/U.S. 74E/ I-74 - I-26 in Polk County to U.S. 117 in Wilmington

KEY FUNCTIONS AND EXPECTATIONS (FUNCTIONS OF CORRIDOR IN CONTECT OF STC GOALS AND CRITERIA)

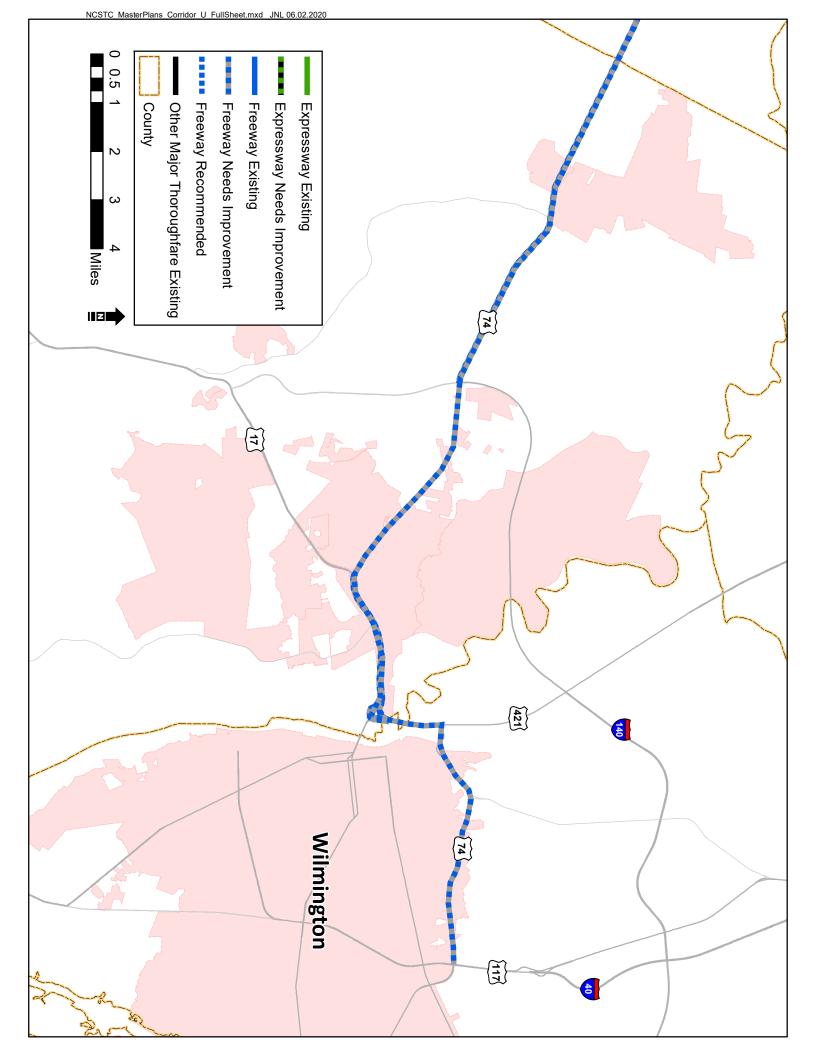
- <u>Connectivity:</u> Corridor U is a part of the STRAHNET and STRACNET military networks and is becoming part of the interstate system from Richmond County to Columbus County.
- <u>Mobility:</u> This corridor connects Charlotte, Wilmington, and other regional population centers with multiple interstates and major routes including I-26, I-85, and I-95 providing passenger and freight mobility across the state's southern tier.
- <u>Economic Prosperity:</u> U.S. 74 connects multiple statewide economic resources including two international airports, Carolinas Medical Center, and the Port of Wilmington.
- Expectation: Corridor U is expected to remain the principal east-west corridor through NC's southern tier of counties. The principal mobility expectations are safe, reliable transition through the greater Charlotte region and consistent, high-speed travel from the Port of Wilmington to the Charlotte metro region, in support of high-level economic activities.



Posted Speed 45-70 mph

FACILITY INFORMATION

STIP Projects & CTP Connections and Freight Primary Activity Centers Recommendations • R-2707, U.S. 74 Shelby Bypass • U.S. 74 carries high truck volumes Charlotte Douglas International along the entire length of the • I-5507, I-485 Express Lanes Airport corridor Wilmington International Airport • I-6016, I-85 and I-485 interchange improvements • U.S. 74 carries high passenger Port of Wilmington volumes from Shelby to Monroe • R-5878, U.S. 74 Wadesboro Bypass • Charlotte region employment • Almost entire route is part of the centers • I-6055, Upgrade U.S. 74 corridor to National Highway System interstate standards in Richmond UNC Charlotte Entire route is Federal designated and Scotland counties UNC Pembroke truck route • I-6011, Upgrade U.S. 74 corridor to UNC Wilmington 304 bridges along the corridor: 6 interstate standards in Columbus • New Hanover Regional Medical are structurally deficient, 91 are and Robeson counties Center functionally obsolete Charlotte Inland Terminal



WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING THE U.S. 74 MASTER PLAN VISION, FROM I-26 IN POLK COUNTY TO U.S. 117 WILMINGTON, CORRIDOR U OF THE STRATEGIC TRANSPORTATION CORRIDORS NETWORK

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 N.C. Department of Transportation adopted the Strategic Transportation Corridors (STC) Network in 2015 to establish a multimodal, high-priority system of highways, rail lines, ports, and airports to support smart planning, help set long-term investment decisions, and ensure that North Carolina's economic prosperity goals are achieved; and

WHEREAS, the North Carolina Transportation Network and Strategic Transportation Corridors Framework calls for the development of individual strategic corridor master plans in each of the 25 designated corridors with a buffer of 20 miles on either side of each facility; and

WHEREAS, the corridor master plan for U.S. 74, from I-26 in Polk County to U.S. 117 in Wilmington, identified as Corridor U in the STC Framework, is being advanced from its more general network-level identification to a corridor-specific master plan vision built upon a common technical framework; and

WHEREAS, the intent of the Corridor U Master Plan is to develop a consistent transportation vision for the corridor, based on stakeholder input and sound technical assessment, that recognizes statewide economic development objectives, advances subsequent regional planning and corridor project development activities, and can serve to streamline the project development process; and

WHEREAS, it is the intent of the N.C. Department of Transportation to expand and maintain Corridor U as a freeway from I-26 in Polk County to U.S. 117 in Wilmington; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization represents Corridor U along U.S. 74 from N.C. 87 (Maco Road NE) in Brunswick County to U.S. 117 in New Hanover County.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby that the Wilmington Urban Area Metropolitan Planning Organization, does hereby adopt this resolution supporting the N.C. Department of Transportation master plan vision for Corridor U along U.S. 74 from N.C. 87 (Maco Road NE) in Brunswick County to U.S. 117 in New Hanover County.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 30, 2020.

David	l Piep	meyer	, Chaiı	•	
Mike	Kozlo	osky, S	Secreta	ıry	

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION ENCOURAGING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, NORTH CAROLINA GENERAL ASSEMBLY, AND GOVERNOR OF NORTH CAROLINA TO EXPLORE NEW FUNDING MECHANISMS THAT COULD RAISE FUNDS TO ACCELERATE MUCH NEEDED TRANSPORTATION PROJECTS

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 North Carolina Department of Transportation has been experiencing declining revenues and experienced cash management issues; and

WHEREAS; the Department has experienced approximately \$2 Billion in declining revenues for the State Transportation Improvement Program and \$3 Billion in project cost increases; and

WHEREAS, the Department has implemented drastic cost reduction strategies and other measures in an effort to get above the Legislative cash floor; and

WHERREAS, the Department has also proposed radical revisions to the adopted 2020-2029 STIP/MPO TIP that will delay much needed transportation infrastructure projects in our state and region; and

WHEREAS, Board of the Wilmington Urban Area Metropolitan Planning Organization recognizes the North Carolina Department of Transportation as a partner and desires to assist the Department in getting the previously committed projects back on their respective funding cycles.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby encourages the North Carolina Department of Transportation, North Carolina General Assembly, and Governor of North Carolina to explore new funding mechanisms to could raise the funds necessary to accelerate these much needed transportation projects.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 30, 2020.

David Piepmeyer, Chair	
•	
Mike Kozlosky, Secretary	

STIP/MPO TIP Modification # 20-6 (September 2020)

		EXEMPT	PROJ.CATEGORY	STATEWIDE	* R-5753																				STATEWIDE	* M-0414
				PROJECT	STATEWIDE																				PROJECT	STATEWIDE
ADD EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS	OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE	CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE	(ERFO). ROAD AND BRIDGE IMPROVEMENTS TO BE	AND EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS	VARIOUS, FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP)																			AT REQUEST OF STRUCTURES MANAGEMENT UNIT.	ADD INSPECTION FUNDS NOT PREVIOUSLY PROGRAMMED	VARIOUS, MUNICIPAL BRIDGE INSPECTION PROGRAM
					CONSTRUCTION																					IMPLEMENTATION
	FY 2023 —	FY 2022	FY 2021	FY 2021	FY 2020		FY 2029	FY 2029	FY 2028	FY 2028	FY 2027	FY 2027	FY 2026	FY 2026	FY 2025	FY 2025	FY 2024	FY 2024	FY 2023	FY 2023	FY 2022	FY 2022	FY 2021	FY 2021	FY 2020	FY 2020
\$81,955,000	\$27,295,000	\$24,116,000	\$21,440,000	\$670,000	\$8,434,000	\$10,000,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000	\$200,000	\$800,000
	(FLTP)	(FLTP)	(ERFO)	(FLTP)			(L)	(BGOFF)	Ē	(BGOFF)	Ē	(BGOFF)														

PROGRAM FUNDS NOT PREVIOUSLY PROGRAMMED.

(NHPIM)	\$5,600,000 \$5,600,000 \$11,200,000	FY 2029 POST YR	CONSTRUCTION	I-40, EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 24 TO FY 29.	WMPO, CFRPO	I-6040 PENDER PROJ.CATEGORY STATEWIDE
(NHPIM)	\$5,270,000 \$5,269,000 \$10,539,000	FY 2025 FY 2026	CONSTRUCTION	I-40, MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 22 TO FY 25.	WMPO	* I-6039 NEW HANOVER PENDER PROJ.CATEGORY STATEWIDE
(NHPIM)	\$4,000,000 \$4,000,000	FY 2029	CONSTRUCTION	I-140, US 421 TO US 74/US 76. PAVEMENT REHABILITATION. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 26 TO FY 29.	WMPO	I-6038 BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE
(NHPIM)	\$4,301,000 \$4,301,000	FY 2025	CONSTRUCTION	I-140, US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 23 TO FY 25.	WMPO	* I-6036 BRUNSWICK PROJ.CATEGORY STATEWIDE
EEEE	\$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000	FY 2021 FY 2022 FY 2023 FY 2024 FY 2025	ENGINEERING	DE VARIOUS, PASSENGER RAIL CROSSING SAFETY IMPROVEMENT INVENTORY PROGRAM ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED AT REQUEST OF RAIL DIVISION.	STATEWIDE PROJECT	* RX-2100 STATEWIDE

* R-3300A NEW HANOVER PENDER PROJ.CATEGORY REGIONAL	* P-5740C BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE	* P-5740B NEW HANOVER PROJ.CATEGORY STATEWIDE	* P-5740A BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE
WMPO	WMPO	WMPO	WMPO
US 17, US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 23 TO FY 26.	CSX SE LINE, INSTALLATION OF RAILROAD GRADE CROSSING SIGNALS AND GATES AT VARIOUS AT-GRADE CROSSINGS. PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.	CSX SE LINE, IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CLOSE AND IMPROVE VARIOUS EXISTING AT-GRADE CROSSINGS. PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.	CSX SE LINE, TIE AND RAIL REHABILITATION, CURVE REALIGNMENT, AND UPGRADE RAIL BRIDGES. PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.
BUILD NC CON	CONSTRUCTION	RIGHT-OF-WAY CONSTRUCTION	CONSTRUCTION
FY 2026 FY 2027 FY 2028 FY 2029 POST YR FY 2026 FY 2027	FY 2022 FY 2022 FY 2023	FY 2021 FY 2022 FY 2022 FY 2023	FY 2022 FY 2022 FY 2023
\$6,435,000 \$6,435,000 \$6,435,000 \$6,435,000 \$70,785,000 \$14,666,000 \$14,667,000 \$14,667,000 \$14,667,000	\$5,792,000 \$2,054,000 \$2,054,000 \$9,900,000	\$600,000 \$2,545,000 \$902,000 \$903,000 \$4,950,000	\$15,522,000 \$5,514,000 \$5,514,000 \$26,550,000
EEEEEEE	(DP) (T) (T)	(T) (DP) (T)	(DP) (T) (T)

* U-4434 NEW HANOVER PROJ.CATEGORY DIVISION	* U-3338C NEW HANOVER PROJ.CATEGORY REGIONAL		R-3300B PENDER PROJ.CATEGORY REGIONAL
WMPO	WMPO		WMPO
SR 1209 (INDEPENDENCE BOULEVARD EXTENSION), RANDALL PKWY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. MULTI-LANES ON NEW LOCATION. TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY FROM FY 22 TO FY 24 AND CONSTRUCTION FROM FY 25 TO FY 28.	SR 1175 (KERR AVENUE), SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 23 TO FY 29.		US 17, NC 210 TO US 17 NORTH OF HAMPSTEAD. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 21 TO FY 23.
RIGHT-OF-WAY UTILITIES CONSTRUCTION	CONSTRUCTION	CONSTRUCTION	BUILD NC CON
FY 2024 FY 2025 FY 2026 FY 2024 FY 2028 FY 2029 POST YR _	FY 2029 POST YR —	FY 2028 FY 2029 POST YR FY 2023 FY 2024 FY 2025 FY 2026	FY 2023 FY 2024 FY 2025 FY 2026
\$22,364,000 \$22,364,000 \$22,364,000 \$600,000 \$35,600,000 \$35,600,000 \$35,600,000 \$71,200,000 \$210,092,000	\$500,000 \$20,000,000 \$20,500,000	\$4,118,000 \$4,118,000 \$4,118,000 \$32,944,000 \$16,000,000 \$17,567,000 \$17,566,000 \$17,566,000 \$130,470,000	\$4,118,000 \$4,118,000 \$4,118,000 \$4,118,000
(BGANY) (BGANY) (BGANY) (BGANY) (BGANY) (BGANY)	(BGANY)	EEEEEEE	EEEE

U-4902B NEW HANOVER PROJ.CATEGORY REGIONAL	* U-4751 NEW HANOVER PROJ.CATEGORY STATEWIDE
WMPO	WMPO
US 17 BUSINESS (MARKET STREET), CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 25 TO FY 29.	SR 1409 (MILITARY CUTOFF ROAD EXTENSION), SR 1409 (MILITARY CUTOFF ROAD) TO US 17 (MARKET STREET) IN WILMINGTON. MULTI-LANES ON NEW LOCATION. PROJECT TO UTILIZE BUILD NC BONDS. ADD PRELIMINARY ENGINEERING IN FY 21 NOT PREVIOUSLY PROGRAMMED
CONSTRUCTION	ENGINEERING BUILD NC CON CONSTRUCTION
FY 2029 POST YR	FY 2021 FY 2022 FY 2023 FY 2025 FY 2026 FY 2026 FY 2027 FY 2027 FY 2029 POST YR FY 2021 FY 2023 FY 2024 FY 2025 FY 2027 FY 2026 FY 2027 FY 2027 FY 2028 FY 2027 FY 2028 FY 2027 FY 2028 FY 2027 FY 2028 FY 2020 FY 2021
\$4,000,000 \$4,000,000 \$8,000,000	\$1,155,000 \$1,155,000 \$1,155,000 \$1,155,000 \$1,155,000 \$1,155,000 \$1,155,000 \$1,155,000 \$6,930,000 \$858,000 \$85
E E	EEEEEEEEEEEEEEEEEEE

* U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	U-4902C NEW HANOVER PROJ.CATEGORY STATEWIDE
WMPO	WMPO
US 17 BUSINESS (MARKET ST), SR 1403 (MIDDLE SOUND LOOP RD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DR). PROJECT TO UTILIZE BUILD NC BONDS, ADD PRELIMINARY ENGINEERING IN FY 21 NOT PREVIOUSLY PROGRAMMED.	US 17 BUSINESS (MARKET STREET), NORTH OF US 117/ NC 132 (COLLEGE ROAD) TO STATION ROAD. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 24 TO FY 29.
ENGINEERING BUILD NC CON CONSTRUCTION	CONSTRUCTION
FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2029 POST YR FY 2021 FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 FY 2027 FY 2028 FY 2027 FY 2028 FY 2027 FY 2028 FY 2027 FY 2028 FY 2029 POST YR FY 2020	FY 2029 POST YR
\$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$1,674,000 \$1,030,000 \$4,875,000 \$4,875,000	\$14,250,000 \$42,750,000 \$57,000,000
E EEEEEEEEEEEEEEEEE	(T)

* U-5729SW NEW HANOVER PROJ.CATEGORY STATEWIDE	* U-5729REG NEW HANOVER PROJ.CATEGORY STATEWIDE	* U-5710 NEW HANOVER PROJ.CATEGORY STATEWIDE	* U-5704 NEW HANOVER PROJ.CATEGORY STATEWIDE	* U-5702A NEW HANOVER PROJ.CATEGORY STATEWIDE
WMPO	WMPO	WMPO	WMPO	WMPO
US 421, US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 23 TO FY 29.	US 421, US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 23 TO FY 29.	US 74 (EASTWOOD ROAD), SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE. TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 22 TO FY 27.	NC 132 (COLLEGE ROAD), US 76 (OLEANDER DRIVE). INTERSECTION IMPROVEMENTS. TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 29 AND CONSTRUCTION FROM FY 26 TO POST YEAR.	NC 132 (COLLEGE ROAD), SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 23 TO FY 24 AND CONSTRUCTION FROM FY 26 TO POST YEAR.
CONSTRUCTION	CONSTRUCTION	RIGHT-OF-WAY CONSTRUCTION	RIGHT-OF-WAY UTILITIES CONSTRUCTION	RIGHT-OF-WAY UTILITIES CONSTRUCTION
FY 2029 _	FY 2029 POST YR —	FY 2020 FY 2021 FY 2027 FY 2028 FY 2029 POST YR	FY 2029 POST YR FY 2029 POST YR POST YR	FY 2024 FY 2025 FY 2024 POST YR
\$2,500,000 \$2,500,000	\$525,000 \$9,975,000 \$10,500,000	\$5,436,000 \$5,436,000 \$7,900,000 \$7,900,000 \$7,900,000 \$7,900,000 \$42,472,000	\$6,250,000 \$18,750,000 \$2,500,000 \$2,500,000 \$25,300,000 \$55,300,000	\$5,400,000 \$14,000,000 \$2,300,000 \$33,900,000 \$55,600,000
(T)	(T)	(T) (NHP) (NHP) (NHP) (NHP)	(NHP) (NHP) (NHP) (NHP)	(NHP) (NHP) (NHP)

	REGIONAL	PROJ.CATEGORY	NEW HANOVER	U-5734	REGIONAL	PROJ.CATEGORY	PENDER	U-5732				STATEWIDE	PROJ.CATEGORY	NEW HANOVER	* U-5731
				WMPO				WMPO							WMPO
FROM FY 25 TO FY 29 AND CONSTRUCTION FROM FY 28 TO POST YEAR.	TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY	BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.	(CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT	US 421 (SOUTH FRONT STREET), US 17 BUSINESS/US 76/US 421	FROM FY 27 TO FY 29.	SUPERSTREET	SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO			FROM FY 24 TO FY 28.	FROM FY 20 TO FY 24 AND CONSTRUCTION	TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY	AND FREE FLOW RAMP AT INTERCHANGE.	US 74, US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER
	CONSTRUCTION	UTILITIES		RIGHT-OF-WAY				CONSTRUCTION				CONSTRUCTION	UTILITIES		RIGHT-OF-WAY
ı	POST YR	FY 2029	POST YR	FY 2029		ĺ	POST YR	FY 2029	i	POST YR	FY 2029	FY 2028	FY 2024	FY 2025	FY 2024
\$26,000,000	\$11,200,000	\$1,600,000	\$6,600,000	\$6,600,000		\$25,100,000	\$18,825,000	\$6,275,000	\$31.800.000	\$12,900,000	\$6,450,000	\$6,450,000	\$1,000,000	\$3,750,000	\$1,250,000
	Œ	(T)	(T)	(T)			E	E		E	(F)	(F)	Œ	(F)	E

		STATEWIDE	PROJ.CATEGORY	NEW HANOVER	U-5881		REGIONAL	PROJ.CATEGORY	NEW HANOVER	* U-5863									DIVISION	PROJ.CATEGORY	NEW HANOVER	* U-5790
					WMPO					WMPO												WMPO
	FY 28 TO POST YEAR.	FROM FY 25 TO FY 29 AND CONSTRUCTION FROM	TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY	(NEW CENTRE DRIVE). UPGRADE ROADWAY.	NC 132 (COLLEGE ROAD), SR 2048 (GORDON ROAD) TO SR 1272	POST YEAR.	FROM FY 21 TO FY 25 AND CONSTRUCTION FROM FY 24 TO	TO MULTI-LANES	BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN	NC 133 (CASTLE HAYNE ROAD), I-140/US 17 (WILMINGTON									PROJECT TO UTILIZE BUILD NC BONDS.	ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING	US 421 (CAROLINA BEACH ROAD), NC 132 (SOUTH COLLEGE
	CONSTRUCTION		UTILITIES		RIGHT-OF-WAY			CONSTRUCTION	UTILITIES	RIGHT-OF-WAY		CONSTRUCTION							BUILD NC CON	UTILITIES		RIGHT-OF-WAY
	POST YR	POST YR	FY 2029	POST YR	FY 2029			POST YR –	FY 2025	FY 2025	I	FY 2024	POST YR	FY 2029	FY 2028	FY 2027	FY 2026	FY 2025	FY 2024	FY 2022	FY 2023	FY 2022
\$81,701,000	\$44,600,000	\$1,500,000	\$1,500,000	\$17,050,000	\$17,051,000		000,000,16¢	\$27,816,000	\$1,386,000	\$2,058,000	\$25,713,000	\$1,700,000	\$11,583,000	\$1,287,000	\$1,287,000	\$1,287,000	\$1,287,000	\$1,287,000	\$1,287,000	\$183,000	\$3,394,000	\$1,131,000
	(T)	(T)	(T)	Œ	(Τ)			(T)	Œ	(T)		(T)	Œ	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(Τ)	(E)

P-5740B NEW HANOVER PROJ.CATEGORY STATEWIDE	P-5740A BRUNSWICK NEW HANOVER PROJ.CATEGORY STATEWIDE	U-6201 NEW HANOVER PROJ.CATEGORY DIVISION	U-6199 NEW HANOVER PROJ.CATEGORY DIVISION	* U-5954 NEW HANOVER PROJ.CATEGORY REGIONAL
WMPO	WMPO	WMPO	WMPO	WMPO
CSX SE LINE, IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CLOSE AND IMPROVE VARIOUS EXISTING AT-GRADE CROSSINGS. PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.	CSX SE LINE, TIE AND RAIL REHABILITATION, CURVE REALIGNMENT, AND UPGRADE RAIL BRIDGES. PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.	SR 1175 (KERR AVENUE), SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 25 TO FY 28 AND CONSTRUCTION FROM FY 27 TO POST YEAR.	WILMINGTON, WILMINGTON CITYWIDE SIGNAL SYSTEM. TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY FROM FY 25 TO FY 28 AND CONSTRUCTION FROM FY 27 TO POST YEAR.	NC 133 (CASTLE HAYNE ROAD), NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT. TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF-WAY FROM FY 2 2TO FY 25 AND CONSTRUCTION FROM FY 24 TO FY 27
RIGHT-OF-WAY CONSTRUCTION	CONSTRUCTION	RIGHT-OF-WAY UTILITIES CONSTRUCTION	RIGHT-OF-WAY UTILITIES CONSTRUCTION	RIGHT-OF-WAY UTILITIES CONSTRUCTION
FY 2021 FY 2022 FY 2022 FY 2023	FY 2022 FY 2022 FY 2023	FY 2028 FY 2028 POST YR	FY 2028 FY 2028 POST YR	FY 2025 FY 2025 FY 2027 FY 2028
\$600,000 \$2,545,000 \$902,000 \$903,000 \$4,950,000	\$15,522,000 \$5,514,000 \$5,514,000 \$26,550,000	\$3,300,000 \$500,000 \$1,600,000 \$5,400,000	\$100,000 \$500,000 \$15,360,000 \$15,960,000	\$150,000 \$100,000 \$1,125,000 \$1,125,000 \$2,500,000
(DP)	(DP) (T)	EEE	EEE	EEEE

PROJ.CATEGORY STATEWIDE	NEW HANOVER	BRUNSWICK	P-5740C W
			WMPO
	PROJECT BREAK ADDED AT REQUEST OF RAIL DIVISION.	SIGNALS AND GATES AT VARIOUS AT-GRADE CROSSINGS.	CSX SE LINE, INSTALLATION OF RAILROAD GRADE CROSSING
			CONSTRUCTION
	FY 2023	FY 2022	FY 2022
\$9,900,000	\$2,054,000	\$2,054,000	\$5,792,000
	Έ	E	(DP)

WILMINGTON URBAN AREA MPO September 2020

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. In November 2019 the Board passed a resolution to include the estimated toll revenues for the Cape Fear Crossing project within the fiscally constrained projects list as a supported alternative form of funding. The draft plan was released for a 30-day public comment period on February 26th, 2020 and five regional open houses were scheduled throughout the region. Due to the onset of restrictions caused by COVID-19, only two of the five in-person open houses were held and the public comment period was extended through May 15th, 2020. Additionally, WMPO staff held three virtual open houses July 6th, 7th, and 8th, 2020. All comments received were addressed by staff and final revisions, recommended by staff and approved by the Board, were made to the draft plan. The WMPO Board approved the final draft of the plan at its July 2020 Board meeting.

Next Steps:

- Presentation of final plan highlights to WMPO members in September 2020
- Adoption of final plan on November 18, 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: 6 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Development Plan Reviews: 4 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Development Plan Reviews: 1 review
- 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: 9 total (1 new, 8 on-going) New Hanover County 4, City of Wilmington 2, Carolina Beach 0, Leland 1, Navassa 0, Pender County 2, and Brunswick County 0
- Pender County Development Plan Reviews: 5 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 65 reviews (8 new, 57 on-going)
- City of Wilmington Informal Reviews: 31 reviews (2 new, 29 on-going)
- City of Wilmington Concept Reviews: 2 reviews (2 new, 0 on-going)
- COW Project Releases: 5 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

 Summer 2020
- NCDOT final design approval and City to request Construction Funds Authorization Fall 2020
- Begin Construction Early 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:

- On April 15th, Ron Vancleef reported that Division Maintenance Engineer verified that 100% of the funds for the resurfacing project were available
- Construction authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Opening- August 27, 2020
- Bids were within engineers estimate
- Town Council to consider award on September 17th

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 August 20, 2019

- Right-of-Way Certification was approved on June 7, 2020
- Bid documents were initially approved on 11/22/19. Bid documents are currently being reviewed again since the project was not advertised for bid within 6 months of the initial bid document approval.
- Utility/RR certification was dated February 26, 2020
- Begin Construction Winter 2020/2021
- Complete Construction Spring 2021

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 2020
- Update/renew permits Fall 2020
- NCDOT final design approval Winter 2020/2021
- Right of way acquisition complete Spring 2021
- 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 2020
- Update/renew permits Fall 2020
- NCDOT final design approval Winter 2020/2021
- Right of way acquisition complete Spring 2021
- 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:

- Construction authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date August 27, 2020
- Bids were within engineers estimate
- Town Council to consider award on September 17th

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:

- Construction authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date August 27, 2020
- Bids were within engineers estimate
- Town Council to consider award on September 17th

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:

- Construction authorization issued on or about 5/15/2020
- Town agreed to defer reimbursement
- Bid Date August 27, 2020
- Bids were within engineers estimate
- Town Council to consider award on September 17th

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:

- NCDOT Plans to resurface from 17th Street to Shipyard Blvd in 2021
- The City needs to have a discussion from the 4SW200 committee/MPO about additional funding needed to design and build project.

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:

- Project is ready for bidding and construction. Plans and PCE have been approved. The contract documents have been approved.
- Additional funding was approved by the MPO Board in May 2020
- Anticipated bidding in early 2021.

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:

30% Plans comments received from NCDOT on January 31, 2020; 65% plans provided to Town

and are under review for submittal to NCDOT.

- Project design and construction documents are moving forward; however, right-of-Way funding request is on hold due to NCDOT budget shortfall.
- 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 has selected Withers & Ravenel as the engineer
- NCDOT has approved the town's selection of a PE contractor.

U-6234 MULTI-MODAL PHASE 1 B

Project Description/Scope: Rehabilitation of the historic structure located at 525 N 4th Street for a transportation purpose

Project Status and Next Steps:

- City Council approved the agreement with HDR in July
- A kick-off meeting was held on August 31st and September 1st.
- The consultant will begin to develop the conceptual designs.

U-6235 - City of Wilmington/New Hanover County - Signal Pre-emption Phase 2

Project Description/Scope: The project will install traffic pre-emption equipment at 50 locations throughout the City of Wilmington and New Hanover County and GPS equipment on emergency response vehicles.

Project Status and Next Steps:

- U-6235 agreement between NCDOT and City of Wilmington executed March 2020.
- Cost sharing agreements with New Hanover County started June 2019 and completed March 2020.
- NCDOT Authorization for Preliminary Engineering received March 2020.
- Project goals reviewed with NCDOT Division 3.
- Interagency maintenance agreements and addendums are in development.
- 90-day Design Proposal received May 2020. Waiting on response for extension of proposal.
- WMPO advised of pause in NCDOT funding availability.

U-6039 – CAROLINA BEACH – ST. JOSEPH BIKE LANES

Project Description/Scope: Construct Bike Lanes along St. Joseph Avenue and Lewis Drive from Lake Park Boulevard to Access Drive in Carolina Beach

Project Status and Next Steps:

• TIP number has been entered. Town to upload information in EBS to request agreement.

TASA-DA

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:

- Awaiting concurrence from DOT to begin construction
- RFLOI for construction oversight due Sept. 14th- Anticipate concurrence by early Oct.
- Will set Pre-Con meeting once these two items are complete- October 2020

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

Project Description: The project consists of the construction of a multi-use path of eight feet (8') 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 has selected Withers & Ravenel as the engineer
- NCDOT has approved the town's selection of a PE contractor.

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:

- Completing hydraulic design
- Anticipate final drawing completion by end of month
- Working with Marta Mathews to modify project with new Supplemental Agreement now (entered in system last week)

EB-6028 —CITY OF WILMINGTON- 21ST 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:

- Pre-Design scoping meeting with Davenport Engineering and NCDOT Division Personnel occurred on 2/20.
- Scope of design defined, but this scope was much larger than initially anticipated.
 Adjustment to PE Authorization will be needed.
- NCDOT Manday estimate for issuance of task order approved on 6/24/2020
- The project will be placed on indefinite hold until such time as NCDOT addresses the Cash Balance issue. All projects have been asked to get to a stopping place due to NCDOT's inability to pay for work.
- NCDOT recommended Change Request to increase funding, but cannot guarantee approval yet. Contract will not be released for execution until the additional funding is approved.
- Survey and Design for NCDOT review.

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 Town is evaluating the scope for the project.

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. Watch For Me NC
 - a. Wilmington will partner with NCDOT for 2020 Watch For Me NC bicycle and pedestrian safety program. Watch for Me NC task force comprised of WPD, WFD, Go Coast, Wilmington Engineering, and NHRMC are convening monthly
- 2. 2020 Bike To Work Week was moved by the League of American Bicyclists from May to September 21-26. Go Coast still Bike Month in May but will be promoting Bike to work Week In September
- 3. Go Coast will host 2020 Commuter Challenge in October with a strong emphasis on telecommuting
- 4. Wilmington was designated a Bronze Level Bicycle Friendly Community by the League of American Bicyclists (LAB) in April 2020
 - a. LAB to provide feedback about how to become more bicycle friendly. Feedback to be received TBD
- 5. Short Range TDM Plan
 - a. Plan currently being reviewed by the Go Coast Committee. TCC and Board to receive draft in Fall of 2020
- 6. CASSI Autonomic Vehicle three month grant for Carolina Beach and Downtown Wilmington. Application deadline has been extended to July 31, 2020.
 - a. Waiting to hear back from NCDOT
 - b. Next Go Coast meeting is September 17th and will be hosted virtually.



Cape Fear Public Transportation Authority

Project Update September 2020

- 1. Bus Fleet Replacement On July 24, 2020, the Authority received notification of award in the amount of \$550,000 for the replacement of one (1) bus under phase one of the VW mitigation settlement. An RFP for funding was issued by NC DAQ on June 17, 2019. An application for four (4) CNG buses was submitted in response to the RFP; however, award was granted for the replacement of one (1) CNG bus. The project is funded at 100% and requires no local matching funds. A second phase of funding through the VW settlement grant is anticipated for release in CY2021.
- 2. Network Redesign Proposal On January 21, 2020, the City of Wilmington and New Hanover County each adopted a Concurrent Resolution of the Wilmington City Council and the Board of Commissioners of New Hanover County for Enhanced Public Transportation Operations and Efficiency. TransPro has been retained by New Hanover County and the City of Wilmington to serve as consultant to the board during the evaluation process. A network redesign proposal was developed and presented to the Wave Transit board for consideration on July 23, 2020. The proposal was refined to include comments provided by Authority staff and the Wave Transit board. A revised proposal was presented to the Wave Transit board during the August 27, 2020 meeting. Analysis of the revised proposal is underway with discussion slated to continue during the September 24, 2020 meeting.
- **3. Executive Director Search** Search efforts for an Executive Director, spearheaded by the City of Wilmington's Human Resources Department, are underway. Efforts are slated to concluded with a new Executive Director seated by the close of October 2020.

			Projects in Development		
Project Manager	TIP	PO	Description	County	SAP Let Date
Troject Manager	'''		Description	County	SAI LET BUTE
Central	B-5642	WMPO	Brunswick 65 on NC 87 over Hood Creek	Brunswick	7/20/2021
Central	15bpr.19	WMPO	New Hanover 21 on US 76 over Banks Channel	New Hanover	9/1/2021
Derek Pielech	17BP.3.R.84	WMPO	Brunswick 181	Brunswick	4/14/2022
udia	1 6020	WMADO	I 40 Daysmant rabab from Milamarker 420 to NC 210	New Hanover,	4/10/2022
₋ydia Derek Pielech	I-6039 B-4590	WMPO WMPO	I-40 Pavement rehab from Milemarker 420 to NC 210 Replace Bridge 29 on Corneilus Harnett Dr/Castle Hayne Rd over Smith Creek	Pender New Hanover	4/19/2022 4/21/2022
Eric Murray	U-5914	WMPO	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	6/2/2022
	11 5006	14/1/400	Now Pouts from 22nd Chin 2Chin Ch		6/24/2022
Krista Kimmel	U-5926	WMPO	New Route from 23rd St to 26th St	New Hanover	6/21/2022
Rail Division	P-5740	WMPO	Wilmington Rail At-Grade Crossing Improvement US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military	New Hanover	6/30/2022
Mike Bass	U-5710A	WMPO	Cutoff Road) & US 74 (Eastwood Road)	New Hanover	7/1/2022
Ron Vancleef	U-5534C	WMPO	Greenville Ave form Wrightsville Avenue to Hinton Avenue	New Hanover	7/7/2022
Eric Murray	W-5601DH	WMPO	3rd St and Dock St Intersection	New Hanover	7/7/2022
Trace Howell	R-3300B	WMPO/CFRPO	Hampstead Bypass	Pender	7/19/2022
			US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US		
Brian Harding	U-5729	WMPO	421	New Hanover	7/19/2022
TBD	W-5703E	WMPO	US 117/NC 132 (College Rd) Between Randall Pkwy and	New Hanover	8/4/2022
TBD	W-5703R	WMPO	NC 132 (South College Rd) and Braggs Drive turn lanes	New Hanover	9/15/2022
Mike Bass	U-5710	WMPO	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover New Hanover/	9/20/2022
Trace Howell	R-3300A	WMPO	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	Pender	9/16/2025
_ydia	I-6036	WMPO	I-140 - US 17 to North of US 74 pavement rehab	Brunswick	10/20/2022
Eric Murray	W-5703C	WMPO	Monkey Junction Pedestrain Improvements	New Hanover	11/17/2022
Krista Kimmel	U-3338C	WMPO	Kerr Ave Interchange at MLK	New Hanover	12/20/2022
Brian Harding	U-5863	WMPO	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	10/17/2023
Trace Howell	U-5790	WMPO	Monkey Junction Interchange	New Hanover	4/16/2024
Brian Harding	U-5731	WMPO	US 74 at US 17/US 421 Flyover	New Hanover	5/21/2024
Brian Harding	U-5954	WMPO	NC 133 at 23rd St Roundabout	New Hanover	6/18/2024
Krista Kimmel	U-4902C	WMPO	US 17 Bus - Market St Median & Interchange	New Hanover	6/18/2024
Krista Kimmel	U-4902B	WMPO	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	12/17/2024
Central	B-5653	WMPO	Pender 14 on NC 133 over Turkey Creek	Pender	1/21/2025
Krista Kimmel	U-4434	WMPO	Independence Boulevard Extension	New Hanover	6/17/2025
				Brunswick, New	
_ydia	I-6038	WMPO	I-140 from US 421 to US74/US76 pavement rehab	Hanover New Hanover	11/17/2025
Lydia Frace Howell	I-6037 U-5702A	WMPO WMPO	I-140 from US 421 to I-40 pavement and bridge rehab College Rd from New Centre to Shipyard	New Hanover	2/17/2026 6/16/2026
Trace Howell	U-5704	WMPO	US 17 (Oleander) at College	New Hanover	6/16/2026
Frace Howell	U-5792	WMPO	MLK at College	New Hanover	6/16/2026
Trace Howell	U-5732	WMPO/CFRPO	US 17 Hampstead Median Project	Pender	9/15/2026
None Krista Kimmel	U-6199 U-6201	WMPO WMPO	Wilmington Citywide Signal System Upgrade Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover New Hanover	6/15/2027 6/17/2027
Brian Harding	U-5734	WMPO	US 421 Front St Widening	New Hanover	5/16/2028
Trace Howell	U-5881	WMPO	College Rd from Gordon Rd to New Centre	New Hanover	6/20/2028
Brian Harding	U-6202	WMPO	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	PY
Trace Howell	U-5702B	WMPO	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover	PY
Brian Harding	U-6128	WMPO	US 76 (Oleander Dr.) and Greenville Loop Rd/Greenville Avenue Dual Lefts	New Hanover	PY
Jessi Leonard	W-5703P	WMPO	US 17 and Ploof Rd/Olde Waterford Way	Brunswick	TBD

PE Work Continuing

Date Completed: PO: Contact: 9/8/2020 WMPO Caitlin Marks cmmarks@ncdot.gov 910-341-2000

^{*}NCDOT is currently reprogramming the STIP; Revised dates are expected October 2020

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TBD	TBD	Cape Fear (#49, I-140W) Shear Strengthen	New Hanover	HVBP	Alex Stewart	TBD
TBD	TBD	Cape Fear (#48, I-140 E) Shear Strengthen	New Hanover	HVBP	Alex Stewart	TBD
TBD	TBD	caps	New Hanover	HVBP	Alex Stewart	TBD
		Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy				
27.31%	Nov-22	Lendire Dr	New Hanover	U-4902D	Alex Stewart	C204319
		Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to				
36.68%	Apr-22	with an interchange at the Bypass	New Hanover	U-4751	Alex Stewart	C203980
		Military Cutoff Rd Extension from Market St to the Wilmington Bypass				
57.85%	Nov-21	Long Line Pavement Marking	, Duplin, New Hanover, Pender	N/A	Lydia McKeel	DC00265
82.28%	Mar-21	steel, replace grid floor	New Hanover	HVBP	Alex Stewart	C204203
		Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural				
98.77%	Sep-20	Pender Hurricane Pipe Replacement (Group G)	Pender	DF15403.2071072	Daniel Waugh	DC00276
0%	Aug-20	I-140 from I-40 to US 421 Open Grated Friction Course	New Hanover	I-5760A	TBD	DC00268
99.61%	Jul-20	Bridge on US 421 over Fishing Creek 4 miles N of I-140	New Hanover	15403.1065027	Alex Stewart	C204282
100.00%	Jul-20	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Brunswick	R-3601(L)	Daniel Jones	DC00231
Complete	Completion	Description	County	TIP/WBS/Program	Resident	Contract Number
Percent	Estimated					

C204135	Contract Number	
2018	Contract Year	
ر Hanover/Bruns، Lydia McKeel	County	
Lydia McKeel	Resident	
N/A	章	
WMPO	MPO/RPO	
0	Map	Res
US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)	Routes	Resurfacing
Oct-20	Estimated Completion	
73.27%	Percent Complete	



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 2020

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

SEPTEMBER TPD UPDATES WILMINGTON MPO

SEPTEMBER 2020

Brunswick County Model: The Brunswick County Model was completed in February of this year.

Wilmington Model: The 2045 model is ready for MTP testing. The 2045 model will be considered the official Wilmington MPO Model when the MTP is adopted.

NC Moves 2050: The project team has developed the draft NC Moves 2050 Plan recommendations. NC Moves 2050 Draft Recommendations public comment period has been delayed due to COVID 19 and NCDOT's current budget shortfall. Please visit the project website for the latest information: https://www.ncdot.gov/initiatives-policies/Transportation/nc-2050-plan/Pages/default.aspx

HB 77 – DOT 2020-2021 Budget/Governance Bill: HB 77 has passed both the House and the Senate and is now law. Selected portions of the bill include the allowance for NCDOT to sell \$700,000,000 in NC BUILD Bonds for FY 2020-2021 and the development of a Department of Transportation Spend Plan. Please see the following link for a Summary of HB 77: https://www.ncleg.gov/Sessions/2019/Bills/House/PDF/H77v7.pdf

Greenway Ideas: NCDOT wants your feedback about how to improve our state's greenways. The NCDOT Great Trails State Plan will use existing plans and new recommendations to identify a network of trails that connect every county in North Carolina. Share your thoughts at https://www.ncdot.gov/divisions/bike-ped/great-trails-state/Pages/getinvolved.Aspx

Mailing Address: NC DEPARTMENT OF TRANSPORTATION BUSINESS UNIT NAME ADDRESS 1 CITY, NC ZIP Telephone: ###-###-### Fax: ###-### #### Customer Service: 1-877-368-4968 Location: ADDRESS 2 CITY, NC ZIP

Website: ncdot.gov

NCDOT Logistics + Freight Bulletin: NCDOT has developed an NCDOT Logistics + Freight Bulletin. It focuses on sharing current issues, trends, data, and analyses on freight and logistics across every mode. It aims to expand awareness and understanding of the larger supply chain ecosystem in which multimodal freight transportation is an active and important player. The NCDOT Office of Logistics + Freight are supply chain management professionals at NCDOT dedicated to supporting and providing resources to NCDOT stakeholders at every stage of project delivery from planning through construction, ensuring infrastructure investment is connected to industry and commerce. They are available to provide relevant data, research, insight, and analysis for NCDOT project managers, planners, or stakeholders on freight activity and behavior across every mode of transportation. Another valuable resource for freight information is the NC Statewide Multimodal Freight Plan: bit.ly/NCDOTfreightplan.

FHWA News: On June 16, 2020, FHWA awarded a \$2.1 million Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grant to the NCDOT for its Multimodal Connected Vehicle Pilot Project. The NCDOT project will create a connected environment that can evaluate the impact of connected vehicle technology on driver and pedestrian safety. The project will include an application delivering safety notifications to all multimodal users—pedestrians, cyclists, transit riders and motorist. The project will use a communication system to improve transit efficiency using in-vehicle and roadside connected infrastructure and a new transit signal priority system.

https://cms8.fhwa.dot.gov/newsroom/us-department-transportation-awards-433-million-advanced-transportation-and-congestion

Hurricane Isaias Clean up: State Transportation Crews have completed cleanup and repair efforts after Hurricane Isaias after the category 1 storm came ashore in Brunswick County earlier in August. As soon as conditions were safe, crews assessed potential damage and found hundreds of downed trees and power lines as well as coastal flooding in Brunswick and New Hanover counties. Isaias caused 45 state-maintained roads to close temporarily.